	A	B	C	D	E	F	G	H	I
1		**Recalls in 2014**		**Recalls in 2015**		**Recalls in 2016**		**Recalls in 2017**	
2	**MFR Name**	**#**	**Affected Vehicles**	**#**	**Affected Vehicles**	**#**	**Affected Vehicles**	**#**	**Affected Vehicles**
3	Audi	4	279,384	3	280,552	2	19,121	1	11,088
4	BMW	1	367	9	401,536	2	25,322	27	1,441,759
5	Cummins	1	127,483	1	33,677	1	135,824	1	88,419
6	Fiat Chrysler	6	261,266	12	697,181	11	644,218	12	653,494
7	Subaru					4	148,847		
8	Ford	6	1,143,213	11	1,095,357	6	1,673,457	9	248,183
9	FPT Industrial			1	10,458	1	12,930		
10	General Motors	4	101,940	9	762,691	5	201,689	6	250,935
11	Honda	2	971,247	6	88,318	4	991,456	6	232,665
12	Hyundai	1	62,586			2	79,905	1	260,792
13	Jaguar/Land Rover	1	115,510	1	19,269	1	1,934		
14	Kia	1	26,864			4	146,961	1	61,023
15	Maserati					1	23,479		
16	Mercedes Benz					1	73,696		
17	Lamborghini							1	729
18	Nissan	3	79,428	3	87,076	4	329,461	4	504,376
19	Porsche							1	2,299
20	Suzuki			1	19,250				
21	Mazda	4	150,627	2	86,064	4	315,810	1	69,447
22	Toyota	6	5,487,623	1	170,172	8	996,401	11	694,351
23	Volkswagen	4	198,735	4	439,980	4	148,772	4	418,395
24	**Total**	**44**	**9,006,273**	**64**	**4,191,581**	**65**	**5,969,283**	**86**	**4,937,955**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	VERR_ID	DOC_PUB_DT	MODEL_YEAR	MFR_CODE	MFR_VERR_NUMBER	Industry Category	TOTAL_COVERED_BY_RECALL	ACTIVE_YN	SUBMITTER_NAME	SUBMITTER_EMAIL	SUBMITTER_PHONE	SUBMITTER_ADDTNL_EMAIL	CONTACT_NAME	CONTACT_EMAIL	CONTACT_PHONE
2	1951	7/25/2011	2007	LRX	Q131_VERR	Light-Duty Vehicles and Trucks	5158	Y					Mr. James Fisher	jfish143@jaguarlandrover.com	2018188355
3	2286	10/17/2011	2011	FPX	0000	Heavy-Duty Highway Gas and Diesel Engines	1800	Y					Thomas Manley	thomas.manley@fptindustrial.com	630-887-5400
4	2486	1/13/2012	2008	BMX	11E-W02	Light-Duty Vehicles and Trucks	58008	Y					Stephen Sinkez	Stephen.Sinkez@bmwna.com	201-571-5069
5	2486	1/13/2012	2007	BMX	11E-W02	Light-Duty Vehicles and Trucks	58008	Y					Stephen Sinkez	Stephen.Sinkez@bmwna.com	201-571-5069
6	2503	2/3/2012	2011	PCR	V2011-01	Heavy-Duty Highway Gas and Diesel Engines	31	Y					Mr. Daniel Kieffer	dan.kieffer@paccar.com	4254687270
7	2528	2/15/2012	2011	CRX	L41	Light-Duty Vehicles and Trucks	185497	Y					Mr. Keith Fillmore	krf2@chrysler.com	2485765466
8	2986	5/23/2012	2012	FMX	12B34	Heavy-Duty Highway Class 2b/3 Vehicles	59419	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
9	2986	5/23/2012	2011	FMX	12B34	Heavy-Duty Highway Class 2b/3 Vehicles	59419	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
10	2987	5/22/2012	2012	VWX	VW-2012-05-22-1	Light-Duty Vehicles and Trucks	167	Y					Mr. Gregory McReynolds None	gregory.mcreynolds@vw.com	2487544203
11	2031	8/3/2011	2006	DDX	VERR-XH-2009-0001-00	Heavy-Duty Highway Gas and Diesel Engines	1	Y					Mr. Daniel J Moote	daniel.moote@daimler.com	3135925690
12	2032	8/3/2011	2010	DDX	VERR-XH-2010-0002-00	Heavy-Duty Highway Gas and Diesel Engines	6	Y					Mr. Daniel J Moote	daniel.moote@daimler.com	3135925690
13	2375	10/28/2011	2009	BMX	11V-441	Light-Duty Vehicles and Trucks	2120	N					Stephen G. Sinkez	Stephen.Sinkez@bmwna.com	201-571-5069
14	3150	7/10/2012	2010	SZX	V1202	Heavy-Duty Highway Gas and Diesel Engines	18795	Y					Mr. Scott Crafard	scott.crafard@isza.com	7345829250
15	3150	7/10/2012	2009	SZX	V1202	Heavy-Duty Highway Gas and Diesel Engines	18795	Y					Mr. Scott Crafard	scott.crafard@isza.com	7345829250
16	3150	7/10/2012	2008	SZX	V1202	Heavy-Duty Highway Gas and Diesel Engines	18795	Y					Mr. Scott Crafard	scott.crafard@isza.com	7345829250
17	3150	7/10/2012	2007	SZX	V1202	Heavy-Duty Highway Gas and Diesel Engines	18795	Y					Mr. Scott Crafard	scott.crafard@isza.com	7345829250
18	3448	8/28/2012	2012	FMX	12B41	Light-Duty Vehicles and Trucks	9326	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404
19	3468	8/30/2012	2007	GMX	1207	Light-Duty Vehicles and Trucks	122	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046

	P	Q	R	S	T
1	CONTACT_ADDTNL_EMAIL	PROBLEM_CATEGORY	OWNER_NOTIF_START_DATE	Owner notification start dt year	VERR_NUMBER
2		Computer Related (Other than OBD)	4/18/2011	2011	1
3	thomas.manley@fptindustrial.com	Selective Catalytic Reduction System	10/17/2011	2011	0
4	stephen.sinkez@bmwna.com	Evaporative Emissions Systems	12/16/2011	2011	1
5	stephen.sinkez@bmwna.com	Evaporative Emissions Systems	12/16/2011	2011	1
6		Emission Control Information Label	5/9/2011	2011	6
7	dwr1@chrysler.com	Computer Related (Other than OBD)	2/15/2012	2012	1141
8		Turbocharger/Supercharger	5/29/2012	2012	1234
9		Turbocharger/Supercharger	5/29/2012	2012	1234
10	n/a	Fuel Delivery Component	4/24/2012	2012	2
11		Emission Control Information Label	12/24/2010	2010	901
12		Computer Related (Other than OBD)	6/1/2010	2010	1002
13	stephen.sinkez@bmwna.com	Fuel Delivery Component	10/11/2011	2011	7
14	isuzucert@isza.com	Turbocharger/Supercharger	9/3/2012	2012	1202
15	isuzucert@isza.com	Turbocharger/Supercharger	9/3/2012	2012	1202
16	isuzucert@isza.com	Turbocharger/Supercharger	9/3/2012	2012	1202
17	isuzucert@isza.com	Turbocharger/Supercharger	9/3/2012	2012	1202
18		Electrical, Mechanical and Cooling Systems	8/14/2012	2012	1241
19		Computer Related (Other than OBD)	8/30/2012	2012	1207

	U
1	**DESCRIPTION_OF_DEFECT**
2	IUVP/IUCP testing of test group 7LRXT04.2001 indicated excessive NOx levels in the 4.4L naturally aspirated version of engines in this test group. Further investigation revealed an ECM calibration anomaly where certain driving conditions (e.g., excessive stop and go traffic) cause the calibration to adapt to an out-of-spec state. A
3	Customer vehicle experience ammonia slip in-field as ATS warms up after long stationary condition at low temperature. The ammonia slip is not taken into account by current NOx model calibration. Ammonia storage significantly higher with production SCR catalyst than development catalyst (Same supplier, same FPT specificati
4	EDIR-07-N52-0001: The affected part number 16137193479 relates to the leak diagnostic pump. In less than 20% of all cases an electrical defect (e.g. short to ground) of the leak diagnostic pump was the reason for replacement. However, the main reason for unnecessary leak diagnostic pump changes in the field are detected leakages caused e.g. by a fuel filler cap not completely tightened. EDIR-07-N12-0002: The affected part number 16137193479 relates to the Leak Diagnostic Pump. In about 55% of all cases a malfunction of the leak diagnostic pump (e.g. electrical defect: short to ground) was the reason for replacement. However, in about 45% the leak diagnostic pump was changed unnecessarily in the field (e.g. due to detected leakages caused by a fuel filler cap not completely tightened). EDIR-08-N52-0003: The affected part number 16137193479 relates to the leak diagnostic pump. In about 80% of all cases a malfunction of the leak diagnostic pump (e.g. electrical defect: short to ground) was the reason for replacement. However, in about 20% the leak diagnostic pump was changed unnecessarily in the field (e.g. due to leakages detected by the leak diagnostic pump).
5	EDIR-07-N52-0001: The affected part number 16137193479 relates to the leak diagnostic pump. In less than 20% of all cases an electrical defect (e.g. short to ground) of the leak diagnostic pump was the reason for replacement. However, the main reason for unnecessary leak diagnostic pump changes in the field are detected leakages caused e.g. by a fuel filler cap not completely tightened. EDIR-07-N12-0002: The affected part number 16137193479 relates to the Leak Diagnostic Pump. In about 55% of all cases a malfunction of the leak diagnostic pump (e.g. electrical defect: short to ground) was the reason for replacement. However, in about 45% the leak diagnostic pump was changed unnecessarily in the field (e.g. due to detected leakages caused by a fuel filler cap not completely tightened). EDIR-08-N52-0003: The affected part number 16137193479 relates to the leak diagnostic pump. In about 80% of all cases a malfunction of the leak diagnostic pump (e.g. electrical defect: short to ground) was the reason for replacement. However, in about 20% the leak diagnostic pump was changed unnecessarily in the field (e.g. due to leakages detected by the leak diagnostic pump).
6	31 replacement engines shipped from the PACCAR engine factory and installed in PACCAR vehicles at dealerships. The dealers were not sent, and so did not install, the chassis specific engine compliance label before the vehicles left the dealerships as a replacement for the compliance label install by the engine factory.
7	A software issue may allow the Oxygen Sensor heater driver to stay on for a few seconds after the key is turned to the ???Off??? position and damage the Oxygen Sensor heater circuit sense resistor. A single sense resistor is used to determine the temperature of all Oxygen Sensors one at a time. Therefore, if the circuit is damage
8	Some 2011 and 2012 F-Series, Superduty trucks with 6.7L Diesel (Dynomometer Certified) engines may experience high cycle fatigue damage to the turbocharger blades. Such damage may occur if the turbine blades reach resonance due to excessive turbine speed and turbine expansion ratios. Additonally, these vehicles may ex
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10	Small number of fuel filter elements became wet during transport from one plant to another plant. The new plant dried the material in a way that the sealing surface of the filter insert could have been deformed, and these parts were used for the complete filter assembly. Part numbers involved: Diesel Fuel Filter Element 7N0 127 177
11	Emission Control Labels applied to the engines in family 6MBXH12.8DJA incorrectly identify the engine family as 6MBXL12.8RJB.
12	The SCR catalyst monitor determines conversion efficiency by evaluating the activity of NOX sensors upstream and downstream of the catalyst. DEF fluid quality is determined by using the SCR catalyst monitor after a DEF tank refill has been detected. When a DEF tank refill has been detected, improper NOX sensor activity is assu
13	This issue involves the fuel filter heater (FFH) unit which is used for warming up the diesel fuel during vehicle operation at low outside temperatures. The FFH unit includes an electronic control circuit with a pressure switch and a temperature sensor. An internal electrical contact may be inadequate. If the contact was inadequa
14	This report involves the failure of turbochargers produced from March 2009 through November 2011 at the supplier. During that production period, improper process control occurred during the assembly of the turbocharger. As a result, during engine operation the turbocharger housing can become loose. The engine malfunction indicator lamp is illuminated and vehicle operation will revert to a limp home mode (reduced power mode). The affected turbochargers were installed in production vehicles produced from March 2009 through February 2010. In addition, the affected turbochargers were also produced as service parts as late as November 2011. This turbocharger was used in MY2007-MY2010 vehicles. Therefore, MY2007 - 2010 vehicles are also affected if they had the turbocharger replaced with one in that production period. The MY2011 and later vehicles used a different turbocharger and are not affected.
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18	Some 2012 Focus vehicles may have inoperative Active Grill Shutters (AGS) due to a loose fitting electrical connection. The AGS system may become inoperative if the electrical connection is lost during vehicle operation.
19	Certain vehicles were serviced with an incorrect engine calibration between Sept. 2010 and June 2012. This incorrect service calibration had PID data location errors such that ten PID fields will not communicate with I/M OBD test equipment. There are no other effects on the vehicles.

	V
1	**CHANGES_TO_VEHICLES_OR_ENGINES**
2	Update affected vehicles with revised engine management system calibration. For additional&null;details, please refer to the related Technical Bulletin No. Q131.
3	FPT will release a new engine control module ATS calibration to MFTBC. The new calibration will address the ammonia value resolution in the engine control unit with modification of the closed loop dosing controller for improved ammonia slip detection.
4	BMW will extend the emissions warranty of the affected Leak Diagnostic Pumps to 10 years / 120,000 miles.
5	BMW will extend the emissions warranty of the affected Leak Diagnostic Pumps to 10 years / 120,000 miles.
6	PACCAR has notified the dealers of this oversight and the engines will be updated with the chassis specific compliance label within the next 30 days.
7	Chrysler will perform a customer satisfaction notification (L41) to update the powertrain control module software and replace any PCMs that have faults for the Oxygen Sensor heater circuit.
8	Vehicles will receive updated Powertrain Control Module (PCM) calibrations that will limit the opportunity for high cycle turbo fatigue caused by resonance. These vehicles will also receive updated NOx module calibrations which slowly preheats the NOx sensor preventing migration of the exhaust condensate to the diffusion ce
9	Vehicles will receive updated Powertrain Control Module (PCM) calibrations that will limit the opportunity for high cycle turbo fatigue caused by resonance. These vehicles will also receive updated NOx module calibrations which slowly preheats the NOx sensor preventing migration of the exhaust condensate to the diffusion ce
10	Dealers will replace the diesel fuel filter element in affected vehicles.
11	A replacement emissions control label with the correct engine family name will be provided to the owner of each engine affected by the recall.
12	Control modules for each engine affected by the recall will be reprogrammed.
13	The fuel filter heater will be replaced.
14	Isuzu will replace affected turbochargers to correct this condition.
15	Isuzu will replace affected turbochargers to correct this condition.
16	Isuzu will replace affected turbochargers to correct this condition.
17	Isuzu will replace affected turbochargers to correct this condition.
18	Dealers are instructed to replace the AGS wire harness on all affected vehicles at no charge to the customer.
19	A voluntary emissions recall is being conducted on affected vehicles to reprogram the Engine Control Module with the correct system calibration, correcting the PID values.

	W
1	**METHOD_TO_DETERMINE_OWNERS**
2	Land Rover has determined the affected VINs, and has contracted R. L. Polk & Co to&null;compile owner information and conduct mailings to owners on the basis of these VINs.
3	The names and addresses of vehicle or engine owners have been determined using data extracted from MFTA???s AS400 Vehicle Master File.
4	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
5	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
6	The PACCAR Warranty Database was used to determine names and addresses of owners.
7	Chrysler will notify vehicle owners by first class mail, based on R. L. Polk State Registration records and Chrysler owner records.
8	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
9	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
10	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
11	Daimler Trucks North America sales records will be used to determine the names and addresses of engine owners.
12	Daimler Trucks North America sales records will be used to determine the names and addresses of engine owners. Engine owners will be notified by registered mail.
13	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
14	Based on vehicle manufacturing records, Isuzu can identify all the vehicle VINs produced with the subject engine families. We are able to identify the current owners and addresses of those vehicles by querying the information databases from Isuzu, GM and Polk. Owner notification letters will be mailed out to all vehicle custome
15	Based on vehicle manufacturing records, Isuzu can identify all the vehicle VINs produced with the subject engine families. We are able to identify the current owners and addresses of those vehicles by querying the information databases from Isuzu, GM and Polk. Owner notification letters will be mailed out to all vehicle custome
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18	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
19	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Owr

	X
1	**MAINT_FOR_REPAIR_ELIGIBILITY**
2	There are no eligibility conditions for maintenance or use.
3	The affected vehicle or engine owners are being notified via first class mail. Owners must make an appointment with an authorized MFTA Dealer or Parts and Service Center to have this recall completed. 219 Authorized MFTA repair facilities throughout the U.S. and Canada are available to make this repair. The estimated labor t
4	Not applicable
5	Not applicable
6	All 31 replacement engines identified require a label.
7	None.
8	Eligibility for the program is not conditioned upon proper maintenance or use.
9	Eligibility for the program is not conditioned upon proper maintenance or use.
10	There are no maintenance or eligibility requirements.
11	No conditions are placed upon eligibility for repair under the remedial plan.
12	No conditions are placed upon eligibility for repair under the remedial plan.
13	Not applicable
14	The turbocharger will be inspected for its serial number to identify if it was built during the production period of the affected turbochargers. All vehicles, whether inspected or inspected and repaired, will receive a campaign label identifying it has completed the campaign.
15	The turbocharger will be inspected for its serial number to identify if it was built during the production period of the affected turbochargers. All vehicles, whether inspected or inspected and repaired, will receive a campaign label identifying it has completed the campaign.
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18	Eligibility for the program is not conditioned upon proper maintenance or use.
19	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.

	Y
1	**PROCEDURE_TO_GET_CORRECTION**
2	Vehicle owners are requested to contact their local dealer and arrange an appointment&null;to have their vehicles serviced.
3	All nonconforming vehicles or engines must be remedied by MFTA Dealers or Parts and Service Centers.
4	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer.
5	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer.
6	Owners will go to authorized dealerships to have new labels correctly applied to the engines .
7	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
8	See Owner Notification Letter.
9	See Owner Notification Letter.
10	Affected authorized Volkswagen dealers have received notification and detailed repair instructions on or about April 18, 2012. Enclosed are examples of Dealer's Circular.
11	A copy of the owner letter, the replacement emissions control label, and step-by-step replacement instructions will be mailed to the owners of engines identified by this Emissions Recall by December 27, 2010. Engine owners may elect to install the new labels themselves. If owners choose not to install the new labels themselv
12	An equipment owner letter was mailed to the owners of engines identified by this Emissions Recall. Engine owners were directed to contact an authorized Detroit Diesel Repair Facility to arrange for a service date for control module reprogramming on or after June 28, 2010. Module reprogramming can reasonably be completed
13	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
14	The mailed owner notification letter requests the owner to contact their nearest dealer to arrange a service appointment for the repair at no cost to the customer regardless of mileage, age of vehicle, or ownership.
15	The mailed owner notification letter requests the owner to contact their nearest dealer to arrange a service appointment for the repair at no cost to the customer regardless of mileage, age of vehicle, or ownership.
16	The mailed owner notification letter requests the owner to contact their nearest dealer to arrange a service appointment for the repair at no cost to the customer regardless of mileage, age of vehicle, or ownership.
17	The mailed owner notification letter requests the owner to contact their nearest dealer to arrange a service appointment for the repair at no cost to the customer regardless of mileage, age of vehicle, or ownership.
18	See Owner Notification Letter.
19	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names

	Z
1	**NON_DEALERS_WHO_WILL_REMEDY**
2	All required service will be performed by Land Rover dealers.
3	Only MFTA Dealers or Parts and Service Centers.
4	Not applicable
5	Not applicable
6	Not applicable
7	None.
8	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
9	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
10	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
11	Engine owners may elect to install the new labels themselves.
12	All remedies are to be performed by authorized Detroit Diesel Repair Facilities.
13	Not applicable
14	Customers of affected vehicles can go to Isuzu authorized service facility to have the repair. Fleet customers with in-shop fleet warranty accounts are also authorized to provide this remedy. If the customer, has had this repair done outside of an authorized repair facility, they can be reimbursed by submitting a claim through a dealer to cover the cost of the repair as described in the Owner Notification letter. In addition, dealers will also service all vehicles subject to this campaign at no charge to owners regardless of mileage, age of vehicle, or ownership from this time forward if requested by the owner.
15	Customers of affected vehicles can go to Isuzu authorized service facility to have the repair. Fleet customers with in-shop fleet warranty accounts are also authorized to provide this remedy. If the customer, has had this repair done outside of an authorized repair facility, they can be reimbursed by submitting a claim through a dealer to cover the cost of the repair as described in the Owner Notification letter. In addition, dealers will also service all vehicles subject to this campaign at no charge to owners regardless of mileage, age of vehicle, or ownership from this time forward if requested by the owner.
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18	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
19	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.

	AA
1	**PARTS_SUPPLY_ASSURANCE_SYSTEM**
2	There are no parts required for this service.
3	There no parts to be installed only a calibration update.
4	New leak diagnostic pumps are provided to all authorized BMW centers and MINI dealers via our service network.
5	New leak diagnostic pumps are provided to all authorized BMW centers and MINI dealers via our service network.
6	PACCAR Parts creates these labels as needed and sends them directly to the appropriate dealers.
7	Chrysler will supply all dealers with a calibration reflash with the latest update.
8	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
9	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
10	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to replace the diesel fuel filter element in the involved vehicles, through the normal Volkswagen Group of America parts system.
11	100% ofthe replacement labels required to perform the repair under the remedial plan will be available and mailed to the engine owners when the campaign is initiated on December 27, 2010.
12	N/A ???the repair only involves module reprogramming. Software was made available at all authorized repair facilities on June 28, 2010.
13	New fuel filter heaters are provided to all authorized BMW centers via our service network.
14	Sufficient amount of required parts for the remedial plan will be available around end of August 2012.
15	Sufficient amount of required parts for the remedial plan will be available around end of August 2012.
16	Sufficient amount of required parts for the remedial plan will be available around end of August 2012.
17	Sufficient amount of required parts for the remedial plan will be available around end of August 2012.
18	Parts for this repair are available to dealers through the normal service part distribution system.
19	There are no parts involved in this campaign. ECM calibrations have been made available electronically through General Motors Customer Care and Aftersales.

	AB
1	NOTES
2	This Verify submitted Q131_VERR is related to the Q131_VERR previously submitted to the EPA on 28-Apr-11. &null;&null;The content of this Verify Q131_VERR submission and the 28-Apr-11 Q131_VERR submission, including related documents, are in agreement. &null;
3	
4	
5	
6	
7	
8	Owner Notification Date is estimated.
9	Owner Notification Date is estimated.
10	Forwarding Letter - CBI
11	This is a previously submitted VERR being submitted in the proper template. Original VERR document date was February 17, 2011. This is listed as a "new" VERR because it is an original submission in the proper template. It is given a "01" version number to distinguish the file name from earlier submission in the wrong format, no
12	This is a previously submitted VERR being submitted in the proper template. Original VERR document date was May 16, 2011. This is listed as a "new" VERR because it is an original submission in the proper template. It is given a "01" version number to distinguish the file name from earlier submission in the wrong format, not bec
13	
14	Owner Notification, Dealer Notification and TSB will be provided in August 2012.
15	Owner Notification, Dealer Notification and TSB will be provided in August 2012.
16	Owner Notification, Dealer Notification and TSB will be provided in August 2012.
17	Owner Notification, Dealer Notification and TSB will be provided in August 2012.
18	
19	

	AC	AD	AE
1	**IMPACT_ON_FUEL_ECONOMY**	**VERR_TYPE**	**VERR_STATUS_HISTORY_ID**
2	There is no impact on fuel economy.		1014
3	None		951
4	This repair has no adverse impact on fuel economy.		1075
5	This repair has no adverse impact on fuel economy.		1075
6	No impact		2843
7	None.		1116
8	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1281
9	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1281
10	Not applicable		1282
11	There is no impact on fuel economy.		851
12	The module reprogramming will have no impact on fuel consumption.		852
13	This repair has no adverse impact on fuel economy.		1015
14	There is no fuel economy impact since replacement turbocharger is to the designed specification.		4144
15	There is no fuel economy impact since replacement turbocharger is to the designed specification.		4144
16	There is no fuel economy impact since replacement turbocharger is to the designed specification.		4144
17	There is no fuel economy impact since replacement turbocharger is to the designed specification.		4144
18	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		1442
19	The proposed changes have no impact on fuel economy.		1462

	AF	AG	AH	AI
1	REASON_FOR_UPDATE	VERR_NUMBER_OF_RELATED_DOCS	OWNER_NOTIF_DOC_IN_DOC_MOD	REPAIR_INST_IN_DOC_MOD
2		3	Y	N
3		0	N	N
4		4	Y	N
5		4	Y	N
6		2	Y	N
7		2	Y	N
8	Updated report to correct number of vehicles covered by recall as well as Owner/Dealer Notification attachments.	2	Y	N
9	Updated report to correct number of vehicles covered by recall as well as Owner/Dealer Notification attachments.	2	Y	N
10		4	Y	Y
11		4	Y	Y
12		3	Y	N
13		2	Y	N
14		3	Y	N
15		3	Y	N
16		3	Y	N
17		3	Y	N
18		2	Y	N
19		1	Y	N

	AJ	AK	AL	AM
1	SAMPLE_LABEL_IN_DOC_MOD	OTHER_DOCS_IN_DOC_MOD	DOC_META_DATA_ID	IMPACT_ON_DRIVABILITY
2	Y	N	66271	There is no impact on driveability.
3	N	N	71196	None
4	N	N	80035	This repair has no adverse impact on driveability.
5	N	N	80035	This repair has no adverse impact on driveability.
6	N	N	81811	No impact
7	N	N	82659	None.
8	N	N	87977	Ford Engineering judgment indicates that the correction action should not affect drivability.
9	N	N	87977	Ford Engineering judgment indicates that the correction action should not affect drivability.
10	N	Y	87988	Not applicable
11	Y	Y	66910	There is no impact on driveability.
12	N	N	66911	The module reprogramming will have no impact on driveability.
13	N	N	72232	This repair has no adverse impact on driveability.
14	N	N	90551	There is no drivability change since replacement turobocharger is to the designed specifications.
15	N	N	90551	There is no drivability change since replacement turobocharger is to the designed specifications.
16	N	N	90551	There is no drivability change since replacement turobocharger is to the designed specifications.
17	N	N	90551	There is no drivability change since replacement turobocharger is to the designed specifications.
18	N	N	93200	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
19	N	N	93301	The proposed changes have no impact on driveability.

	AN	AO	AP	AQ	AR
1	**IMPACT_ON_SAFETY**	**TECH_SERV_BULL_IN_DOC_MOD**	**VERR_PROCESS_LOG_ID**	**VERSION**	**RELATED_DR_NUMBERS**
2	There is no impact on safety.	Y	498	0	0001
3	None	N	617	0	0001
4	This repair has no adverse impact on safety.	Y	721	0	0001,0002,0003
5	This repair has no adverse impact on safety.	Y	721	0	0001,0002,0003
6	No impact	N	2709	1	0006
7	None.	N	762	0	1107
8	Ford Engineering judgment indicates that the correction action should not affect safety.	N	927	1	0011,0012
9	Ford Engineering judgment indicates that the correction action should not affect safety.	N	927	1	0011,0012
10	Not applicable	N	928	0	9999
11	There is no impact on safety.	N	537	1	0901
12	The module reprogramming will have no impact on safety.	Y	538	1	1002
13	This repair has no adverse impact on safety.	Y	657	0	0007
14	There is no safety impact since replacement turbocharger is to the designed specification.	Y	3890	0	1202
15	There is no safety impact since replacement turbocharger is to the designed specification.	Y	3890	0	1202
16	There is no safety impact since replacement turbocharger is to the designed specification.	Y	3890	0	1202
17	There is no safety impact since replacement turbocharger is to the designed specification.	Y	3890	0	1202
18	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1048	0	1205
19	The proposed changes have no impact safety.	N	1068	0	1207

	AS	AT	AU
1	DEALER_NOTIF_DOC_IN_DOC_MOD	OWNER_NOTIF_FINAL_DATE	VERR_NOTIFICATION_STATUS
2	N	4/19/2011	1
3	N		1
4	N		1
5	N		1
6	Y	5/10/2011	1
7	Y	2/17/2012	1
8	Y		1
9	Y		1
10	Y	4/25/2012	1
11	N	12/27/2010	1
12	Y	6/2/2010	1
13	N		1
14	Y	9/10/2012	1
15	Y	9/10/2012	1
16	Y	9/10/2012	1
17	Y	9/10/2012	1
18	Y		1
19	Y	8/31/2012	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
20	1989	2/17/2011	2006	DDX	VERR-XH-2009-0001-00	Heavy-Duty Highway Gas and Diesel Engines	26739	N					Mr. Daniel J Moote	daniel.moote@daimler.com	3135925690
21	1990	5/16/2011	2010	DDX	VERR-XH-2010-0002-00	Heavy-Duty Highway Gas and Diesel Engines	3531	N					Mr. Daniel J Moote	daniel.moote@daimler.com	3135925690
22	2117	9/7/2011	2007	FMX	11S20	Light-Duty Vehicles and Trucks	2944	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
23	2227	9/30/2011	2012	SKX	S 2011 SC1	Light-Duty Vehicles and Trucks	311	N					Ken Bush	kbush@suz.com	71499670402207
24	2400	11/17/2011	2012	NSX	FOI_NSX_VER_0001_BD_	Light-Duty Vehicles and Trucks	396	Y					John Gibbons	john.gibbons@nissan-usa.com	615-725-6394
25	2415	12/1/2011	2007	GMX	1105	Light-Duty Vehicles and Trucks	3010	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641
26	2526	2/14/2012	2012	FMX	11E03	Light-Duty Vehicles and Trucks	7446	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
27	2527	2/14/2012	2012	FMX	11E04	Light-Duty Vehicles and Trucks	7417	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
28	2615	2/29/2012	2008	GMX	1201	Light-Duty Vehicles and Trucks	507	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641
29	2723	3/27/2012	2012	CRX	M03	Light-Duty Vehicles and Trucks	15441	N					Mr. Dennis Rakicki	dwr1@chrysler.com	2485765468
30	2946	5/16/2012	2009	ADX	AD-2012-05-16-1	Light-Duty Vehicles and Trucks	9802	N					Mr. Gregory McReynolds None	gregory.mcreynolds@vw.com	2487544203
31	3350	8/15/2012	2013	NSX	FOI_NSX_VER_0010_BD_	Light-Duty Vehicles and Trucks	7842	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
32	2664	3/15/2012	2011	VEX	0001	Heavy-Duty Highway Gas and Diesel Engines	1800	Y					Mr. Thomas Manley	thomas.manley@fptindustrial.com	6308875400
33	3170	7/17/2012	2011	HDX	2012-001 Fuel Cap	On-Highway Motorcycles	273875	Y					Mr. Patrick N Proctor	pat.proctor@harley-davidson.com	4144656058
34	3170	7/17/2012	2010	HDX	2012-001 Fuel Cap	On-Highway Motorcycles	273875	Y					Mr. Patrick N Proctor	pat.proctor@harley-davidson.com	4144656058
35	3170	7/17/2012	2009	HDX	2012-001 Fuel Cap	On-Highway Motorcycles	273875	Y					Mr. Patrick N Proctor	pat.proctor@harley-davidson.com	4144656058
36	3170	7/17/2012	2008	HDX	2012-001 Fuel Cap	On-Highway Motorcycles	273875	Y					Mr. Patrick N Proctor	pat.proctor@harley-davidson.com	4144656058
37	3549	9/17/2012	2012	CRX	M32	Light-Duty Vehicles and Trucks	2428	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
38	3571	5/16/2012	2009	ADX	AD-2012-05-16-1	Light-Duty Vehicles and Trucks	9802	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
39	2033	8/4/2011	2011	FMX	11E02	Heavy-Duty Highway Class 2b/3 Vehicles	1688	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
40	2034	8/4/2011	2011	FMX	11E02	Light-Duty Vehicles and Trucks	1688	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
41	2350	10/25/2011	2012	GMX	1106	Light-Duty Vehicles and Trucks	1455	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641
42	2744	4/4/2012	2012	DDX	VERR-XH-2012-0001-00	Heavy-Duty Highway Gas and Diesel Engines	72399	Y					Mr. Daniel J Moote	daniel.moote@daimler.com	3135925690
43	2744	4/4/2012	2011	DDX	VERR-XH-2012-0001-00	Heavy-Duty Highway Gas and Diesel Engines	72399	Y					Mr. Daniel J Moote	daniel.moote@daimler.com	3135925690
44	2744	4/4/2012	2010	DDX	VERR-XH-2012-0001-00	Heavy-Duty Highway Gas and Diesel Engines	72399	Y					Mr. Daniel J Moote	daniel.moote@daimler.com	3135925690
45	3008	5/29/2012	2010	CRX	K04	Light-Duty Vehicles and Trucks	65184	Y					Mr. Keith Fillmore	krf2@chrysler.com	2485765466

	P	Q	R	S	T
20		Emission Control Information Label	12/24/2010	2010	901
21		Computer Related (Other than OBD)	6/1/2010	2010	1002
22		Fuel Tank Component	8/16/2011	2011	2
23	kbush@suz.com	Computer Related (Other than OBD)	10/14/2011	2011	1
24		Computer Related (Other than OBD)	2/6/2012	2012	1
25		Catalyst/Aftertreatment Component/System (non-diesel engine)	12/20/2011	2011	1105
26		On-Board Diagnostic (OBD) System	1/25/2012	2012	1103
27		On-Board Diagnostic (OBD) System	1/24/2012	2012	1104
28		Computer Related (Other than OBD)	2/29/2012	2012	1201
29	krf1@chrysler.com	On-Board Diagnostic (OBD) System	3/16/2012	2012	1203
30		Emission Control Information Label	5/15/2012	2012	1
31		Fuel Delivery Component	9/4/2012	2012	10
32	thomas.manley@fptindustrial.com	Selective Catalytic Reduction System	10/17/2011	2011	1
33		Fuel Tank Component	9/4/2012	2012	2
34		Fuel Tank Component	9/4/2012	2012	2
35		Fuel Tank Component	9/4/2012	2012	2
36		Fuel Tank Component	9/4/2012	2012	2
37	dwr1@chrysler.com	Computer Related (Other than OBD)	9/14/2012	2012	1232
38		Emission Control Information Label	5/15/2012	2012	1
39		On-Board Diagnostic (OBD) System	7/15/2011	2011	1
40		On-Board Diagnostic (OBD) System	7/15/2011	2011	1
41		Fuel Tank Component	11/4/2011	2011	1106
42		Selective Catalytic Reduction System	4/2/2012	2012	1201
43		Selective Catalytic Reduction System	4/2/2012	2012	1201
44		Selective Catalytic Reduction System	4/2/2012	2012	1201
45	dwr1@chrysler.com	Electrical, Mechanical and Cooling Systems	6/4/2010	2010	1004

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20	Emission Control Labels applied to the engines in family 6MBXH12.8DJA incorrectly identify the engine family as 6MBXL12.8RJB.
21	The SCR catalyst monitor determines conversion efficiency by evaluating the activity of NOX sensors upstream and downstream of the catalyst. DEF fluid quality is determined by using the SCR catalyst monitor after a DEF tank refill has been detected. When a DEF tank refill has been detected, improper NOX sensor activity is assu
22	Some 2007 Ford 500, Freestyle and Mercury Montego vehicle may have evaporative leaks at the fuel tank filler spud due to inconsistencies in the fuel tank molding process.
23	The transmission control module (TCM) of vehicles equipped with a continuously variable transmission contains unintended control logic that was programmed by mistake. If the TCM detects that the battery voltage drops below 6.5 volts within 2 seconds of the ignition being turned on, the TCM employs fixed maximum operatin
24	Incorrect CVN number in 40 prototype ECM's that have been isolated to a population of 396 US vehicles built between January 17, 2011 and April 1, 2011.
25	The affected component is the catalytic converter on certain 2007 Hummer H2 equipped with a 6.0L engine. For start of production in 2007model year, the H2 used two catalytic converters that utilized a 2-brick design. . Exhaust system vibration may result in the shorter front brick ???rocking??? back and forth in the support ma
26	Due to an error in the calibration, these vehicles lack a functioning .02 inch leak monitor, P0456.
27	Affected vehicles will not light the Malfunction indicator Lamp if the Engine Control Module (ECM)loses vehicle speed input. (Diagnostic trouble code P1934)
28	Certain vehicles were serviced with an incorrect engine calibration between Sept. 2011 and Dec. 2011. This incorrect service calibration had some knock detection calibration values altered from intended values. Vehicles that received the incorrect engine calibration may experience a small reduction in engine power when op
29	Some 2012 Fiat 500 vehicles may have been built with a cover on the Diagnostic Link Connector (DLC) which was not approved by CARB.
30	Emissions Control Information label has incorrect test group configuration. Test Group 1: - Correct Test Group: 9ADXV03.23LC - Text Group on label installed in production: 9ADXT03.23LC Test Group 2: - Correct Test Group: 9ADXV03.1374 - Text Group on label installed in production: 9ADXT03.1374
31	On 2013MY Infiniti JX's manufactured through June 22, 2012 the fuel transfer tube may be mis-routed inside of the gas tank due a supplier process issue.
32	Customer vehicle experience ammonia slip in-field as ATS warms up after long stationary condition at low temperature. The ammonia slip is not taken into account by current NOx model calibration. Ammonia storage significantly higher with production SCR catalyst than development catalyst (Same supplier, same FPT specification, different manufacturing location). In production catalyst with current NOx model calibration, ammonia is counted as NOx causing the system to go into an SCR inducement for a technical failure. To create this kind of error, the vehicle must be driven in low engine load / SCR temperature (200 ??? 220??C) for several minutes followed by a rapid load / SCR temperature (>350??C) increase (i.e. Highway). The engine continues to de-rate in power until creep mode (5 mph operation) is reached.
33	Leak around the cap seal as a result of potentially inadequate vapor seal between fuel cap and fuel tank.
34	Leak around the cap seal as a result of potentially inadequate vapor seal between fuel cap and fuel tank.
35	Leak around the cap seal as a result of potentially inadequate vapor seal between fuel cap and fuel tank.
36	Leak around the cap seal as a result of potentially inadequate vapor seal between fuel cap and fuel tank.
37	Vehicles equipped with a 1.4L turbocharged engine have a measured horsepower that is below the advertised rating, which could result in customer dissatisfaction. Root cause has been determined to be that the powertrain control module (PCM) software was released with a modified spark advance table that affected horsepower at engine speeds above 4,700 rpm.
38	Emissions Control Information label has incorrect test group configuration. Test Group 1: - Correct Test Group: 9ADXV03.23LC - Text Group on label installed in production: 9ADXT03.23LC Test Group 2: - Correct Test Group: 9ADXV03.1374 - Text Group on label installed in production: 9ADXT03.1374
39	Some 2011 model year Ford Superduty trucks with 6.7L Diesel Engines may have an inoperative Zero Fuel Calibration (ZFC) feature and associated On Board Diagnostic (OBD) monitor. Only vehicles with Revision 22 level calibrations may be affected. The ZFC feature was designed to initiate when certain conditions are all true. An
40	Some 2011 model year Ford Superduty trucks with 6.7L Diesel Engines may have an inoperative Zero Fuel Calibration (ZFC) feature and associated On Board Diagnostic (OBD) monitor. Only vehicles with Revision 22 level calibrations may be affected. The ZFC feature was designed to initiate when certain conditions are all true. An
41	The clamp that connects the fuel fill hose to the fuel tank Inlet Check Valve (ICV) may have been inaccurately installed on certain Chevrolet Sonics, built at the General Motors Lake Orion assembly plant. An inaccurately installed clamp may result in an inadequate seal between the fill hose and ICV.
42	A sequence of events has been found to result in the prevention of the MIL light being lit for certain DEF dosing system faults. The root cause of the events may also cause DEF system under-dosing and result in elevated NOx emissions levels. The events appear to be associated with cold ambient temperatures. This defect was determined to affect 25 engines of the same model year on January 5, 2012. The first event in the sequence is the detection of a restriction in the air sensor channel of the DEF dosing assembly. When the restriction is detected, a pending code is stored and an attempt is made over time to confirm the code. The second event is that, prior to the air channel fault maturing, the restriction changes, resulting in the detection of a DEF diffuser fault. In current OBD software, the pending air channel code prevents the MIL from being lit for the detected DEF diffuser fault. The restriction itself may also prevent proper DEF system dosing, resulting in elevated NOx emissions levels.
43	A sequence of events has been found to result in the prevention of the MIL light being lit for certain DEF dosing system faults. The root cause of the events may also cause DEF system under-dosing and result in elevated NOx emissions levels. The events appear to be associated with cold ambient temperatures. This defect was determined to affect 25 engines of the same model year on January 5, 2012. The first event in the sequence is the detection of a restriction in the air sensor channel of the DEF dosing assembly. When the restriction is detected, a pending code is stored and an attempt is made over time to confirm the code. The second event is that, prior to the air channel fault maturing, the restriction changes, resulting in the detection of a DEF diffuser fault. In current OBD software, the pending air channel code prevents the MIL from being lit for the detected DEF diffuser fault. The restriction itself may also prevent proper DEF system dosing, resulting in elevated NOx emissions levels.
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45	On some 2009 and early 2010MY Dodge Grand Caravan and Chrysler Town & Country minivans, the air conditioning (A/C) discharge hose may crack and leak refrigerant. The original hose design was too short to adequately compensate for engine roll, and this is exacerbated by cold ambient temperatures (especially below fr

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20	A replacement emissions control label with the correct engine family name will be provided to the owner of each engine affected by the recall.
21	Control modules for each engine affected by the recall will be reprogrammed.
22	Affected vehicles will have the fuel tank replaced.
23	The TCM of affected vehicles will be re-flashed with a new program that does not contain the unintended control logic.
24	Reprogram ECM
25	A voluntary emission recall will be conducted for any identified vehicles that have the 2-brick design converter. The converter assembly will be replaced with a single brick converter.
26	Affected vehicles registered in Section 177 states will be updated with a calibration including a functioning .02 inch leak detection monitor, P0456.
27	Affected vehicles will be updated with a calibration the includes a functioning P1934 code that will light the MIL if the ECM loses vehicle speed input.
28	A voluntary emissions recall has been conducted on affected vehicles to reprogram the Engine Control Module with the correct system calibration, correcting the knock detection values.
29	Chrysler will perform a voluntary emissions recall (M03) to have the DLC cover removed.
30	Replace all involved labels via Service Action with customer notification.
31	The fuel transfer tube will be inspected for proper routing and, if necessary, the fuel transfer tube will be rerouted using the correct service procedure.
32	FPT will release a new engine control module ATS calibration to MFTBC. The new calibration will address the ammonia value resolution in the engine control unit with modification of the closed loop dosing controller for improved ammonia slip detection.
33	Use of a tool at the dealership level to re-cold form the fuel tank threads for additional adhesion to the fuel cap to prevent vapor loss.
34	Use of a tool at the dealership level to re-cold form the fuel tank threads for additional adhesion to the fuel cap to prevent vapor loss.
35	Use of a tool at the dealership level to re-cold form the fuel tank threads for additional adhesion to the fuel cap to prevent vapor loss.
36	Use of a tool at the dealership level to re-cold form the fuel tank threads for additional adhesion to the fuel cap to prevent vapor loss.
37	Chrysler will perform a customer satisfaction notification (M32) to update the PCM software with the correct spark advance table.
38	Replace all involved labels via Service Action with customer notification.
39	The transmission control module and the engine control module will be reprogrammed to the Revision 23 (or higher) calibration where the flag indicating that the TCM has requested a locked torque converter has been re-enabled.
40	The transmission control module and the engine control module will be reprogrammed to the Revision 23 (or higher) calibration where the flag indicating that the TCM has requested a locked torque converter has been re-enabled.
41	A Voluntary Emission Recall will be initiated, to inspect the hose fitting to the ICV and reinstall the clamp, as needed.
42	Detroit Diesel Corporation will modify its ACM software and calibrations, and initiate a recall campaign. The updated software/calibrations were available in production about February 6, 2012. Beginning during the 1st quarter 2012 Detroit Diesel Corporation will initiate a field action to update the software of the vehicles in th
43	Detroit Diesel Corporation will modify its ACM software and calibrations, and initiate a recall campaign. The updated software/calibrations were available in production about February 6, 2012. Beginning during the 1st quarter 2012 Detroit Diesel Corporation will initiate a field action to update the software of the vehicles in th
44	Detroit Diesel Corporation will modify its ACM software and calibrations, and initiate a recall campaign. The updated software/calibrations were available in production about February 6, 2012. Beginning during the 1st quarter 2012 Detroit Diesel Corporation will initiate a field action to update the software of the vehicles in th
45	Chrysler conducted a Customer Satisfaction Notification (K04) to replace the discharge hose in cold weather states.

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20	Daimler Trucks North America sales records will be used to determine the names and addresses of engine owners.
21	Daimler Trucks North America sales records will be used to determine the names and addresses of engine owners. Engine owners will be notified by registered mail.
22	Ford production and service records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
23	The names and addresses of vehicle owners will be determined from vehicle sales registration records.
24	RL Polk
25	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
26	Ford production and service records was utilized to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
27	Ford production and service records was utilized to identify the affected vehicle. R.L. Polk was used to identify the owner names and addresses.
28	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
29	Chrysler will notify vehicle owners by first class mail, based on R. L. Polk State Registration records and Chrysler owner records.
30	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
31	RL Polk
32	The names and addresses of vehicle or engine owners have been determined using data extracted from MFTA???s AS400 Vehicle Master File.
33	A query of Harley-Davidson's computer systems by VIN code for the model years and engine families described in the associated EDIR.
34	A query of Harley-Davidson's computer systems by VIN code for the model years and engine families described in the associated EDIR.
35	A query of Harley-Davidson's computer systems by VIN code for the model years and engine families described in the associated EDIR.
36	A query of Harley-Davidson's computer systems by VIN code for the model years and engine families described in the associated EDIR.
37	Chrysler provides the US VIN list for the specific recall to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). Experian sends this information to Chrysler to be used for recall n
38	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
39	Ford production and service records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
40	Ford production and service records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
41	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
42	Daimler Trucks North America sales records will be used to determine the names and addresses of engine owners.
43	Daimler Trucks North America sales records will be used to determine the names and addresses of engine owners.
44	Daimler Trucks North America sales records will be used to determine the names and addresses of engine owners.
45	Chrysler provides the US VIN list for the specific recall to R.L. Polk for the latest customer name and address information. R.L. Polk searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). R.L. Polk sends this information to Chrysler to be used for recall me

	X
20	No conditions are placed upon eligibility for repair under the remedial plan.
21	No conditions are placed upon eligibility for repair under the remedial plan.
22	Eligibility for this program is not conditioned upon proper maintenance or use.
23	The campaign service will be performed on all affected vehicles at no charge to owners, regardless of vehicle age, mileage, or date of visit.
24	None required
25	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
26	Eligibility for the program is not conditioned upon proper maintenance or use.
27	Eligibility for the program is not conditioned upon proper maintenance or use.
28	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
29	None.
30	There are no maintenance or eligibility requirements.
31	None required
32	The affected vehicle or engine owners are being notified via first class mail. Owners must make an appointment with an authorized MFTA Dealer or Parts and Service Center to have this recall completed. 219 Authorized MFTA repair facilities throughout the U.S. and Canada are available to make this repair. The estimated labor ti
33	Harley-Davidson dealers would verify that the fuel tank and associated hardware was reasonably maintained. However, the intention is to perform the repair on the vehicles as noted in the EDIR.
34	Harley-Davidson dealers would verify that the fuel tank and associated hardware was reasonably maintained. However, the intention is to perform the repair on the vehicles as noted in the EDIR.
35	Harley-Davidson dealers would verify that the fuel tank and associated hardware was reasonably maintained. However, the intention is to perform the repair on the vehicles as noted in the EDIR.
36	Harley-Davidson dealers would verify that the fuel tank and associated hardware was reasonably maintained. However, the intention is to perform the repair on the vehicles as noted in the EDIR.
37	None.
38	There are no maintenance or eligibility requirements.
39	Eligibility for this program is not conditioned upon proper maintenance or use.
40	Eligibility for this program is not conditioned upon proper maintenance or use.
41	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
42	No conditions are placed upon eligibility for repair under the remedial plan.
43	No conditions are placed upon eligibility for repair under the remedial plan.
44	No conditions are placed upon eligibility for repair under the remedial plan.
45	None.

	Y
20	A copy of the owner letter, the replacement emissions control label, and step-by-step replacement instructions will be mailed to the owners of engines identified by this Emissions Recall by December 27, 2010. Engine owners may elect to install the new labels themselves. If owners choose not to install the new labels themselv
21	An equipment owner letter was mailed to the owners of engines identified by this Emissions Recall. Engine owners were directed to contact an authorized Detroit Diesel Repair Facility to arrange for a service date for control module reprogramming on or after June 28, 2010. Module reprogramming can reasonably be completed
22	See Owner Notification Letter attached.
23	The procedures to be followed by owners to obtain the campaign service are described in the owner notification letter. Owners are being instructed to contact their dealer to make an appointment for the recall service.
24	Schedule an appointment after a date to be determined, probably in the January/February 2012 timeframe.
25	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
26	See Owner Notification Letter.
27	See owner notification Letter.
28	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
29	Owners are requested to remove the DLC cover or make arrangements for the Dealer to do so.
30	Affected authorized Audi dealers have received notification and detailed repair instructions on or about May 15, 2012. Enclosed are examples of Dealer's Circular.
31	Schedule an appointment after receiving the owner letter.
32	All nonconforming vehicles or engines must be remedied by MFTA Dealers or Parts and Service Centers.
33	The affected vehicle owners will be notified by letter to correct the nonconformity as listed in the "Describe the Modifications" section of this VERR.
34	The affected vehicle owners will be notified by letter to correct the nonconformity as listed in the "Describe the Modifications" section of this VERR.
35	The affected vehicle owners will be notified by letter to correct the nonconformity as listed in the "Describe the Modifications" section of this VERR.
36	The affected vehicle owners will be notified by letter to correct the nonconformity as listed in the "Describe the Modifications" section of this VERR.
37	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
38	Affected authorized Audi dealers have received notification and detailed repair instructions on or about May 15, 2012. Enclosed are examples of Dealer's Circular.
39	See Owner Notification Letter attached.
40	See Owner Notification Letter attached.
41	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
42	Owners of affected engines will be instructed to contact an authorized Detroit Diesel service outlet to arrange a service date to have the necessary repairs completed. This service will be completed at no charge to owners of all affected engines under the engine warranty or under the provisions of this Recall notice. Instructions
43	Owners of affected engines will be instructed to contact an authorized Detroit Diesel service outlet to arrange a service date to have the necessary repairs completed. This service will be completed at no charge to owners of all affected engines under the engine warranty or under the provisions of this Recall notice. Instructions
44	Owners of affected engines will be instructed to contact an authorized Detroit Diesel service outlet to arrange a service date to have the necessary repairs completed. This service will be completed at no charge to owners of all affected engines under the engine warranty or under the provisions of this Recall notice. Instructions
45	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.

	Z
20	Engine owners may elect to install the new labels themselves.
21	All remedies are to be performed by authorized Detroit Diesel Repair Facilities.
22	Only Ford Authorized dealers are authorized to perform the corrective action for this recall.
23	Only Suzuki automotive dealers are authorized to perform the campaign service.
24	Only Infiniti dealers
25	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
26	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
27	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
28	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
29	None.
30	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
31	Only Infiniti dealers
32	Only MFTA Dealers or Parts and Service Centers.
33	Only Harley-Davidson licensed dealers will be authorized to perform the repair.
34	Only Harley-Davidson licensed dealers will be authorized to perform the repair.
35	Only Harley-Davidson licensed dealers will be authorized to perform the repair.
36	Only Harley-Davidson licensed dealers will be authorized to perform the repair.
37	None.
38	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
39	Only Ford Authorized dealers are authorized to perform the corrective action for this recall.
40	Only Ford Authorized dealers are authorized to perform the corrective action for this recall.
41	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
42	None.
43	None.
44	None.
45	None.

	AA
20	100% ofthe replacement labels required to perform the repair under the remedial plan will be available and mailed to the engine owners when the campaign is initiated on December 27, 2010.
21	N/A ??? the repair only involves module reprogramming. Software was made available at all authorized repair facilities on June 28, 2010.
22	Parts for this repair are available to dealers through the normal service part distribution system.
23	The revised TCM software will be made available to dealers via the internet.
24	No parts required
25	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales.
26	No parts are required for this action. The required Engine Control Module (ECM) calibrations information is currently available at Ford authorized dealers.
27	No parts are required for this action. The required Engine Control Module (ECM) calibrations information is currently available at Ford authorized dealers.
28	There are no parts involved in this campaign. ECM calibrations have been made available electronically through General Motors Customer Care and Aftersales.
29	No parts are required to perform the DLC cover removal
30	Affected authorized Audi dealers will be supplied with a sufficient quantity of labels to be installed in the involved vehicles, through the normal Volkswagen Group of America parts system.
31	Fuel sender o-rings will be available at the time of campaign launch.
32	There no parts to be installed only a calibration update.
33	All U.S. Harley-Davidson and Canada dealers would receive the tool to cold form the fuel tank inlet.
34	All U.S. Harley-Davidson and Canada dealers would receive the tool to cold form the fuel tank inlet.
35	All U.S. Harley-Davidson and Canada dealers would receive the tool to cold form the fuel tank inlet.
36	All U.S. Harley-Davidson and Canada dealers would receive the tool to cold form the fuel tank inlet.
37	Chrysler will supply all dealers with a calibration reflash with the latest update.
38	Affected authorized Audi dealers will be supplied with a sufficient quantity of labels to be installed in the involved vehicles, through the normal Volkswagen Group of America parts system.
39	No parts are required for this action. The required ECM and TCM calibration information is currently available at Ford Authorized dealers.
40	No parts are required for this action. The required ECM and TCM calibration information is currently available at Ford Authorized dealers.
41	No parts are needed. The dealers will be instructed on how to reinstall the original clamp, if needed.
42	The repair is a software download - there are no issues related to parts supply.
43	The repair is a software download - there are no issues related to parts supply.
44	The repair is a software download - there are no issues related to parts supply.
45	A minimum of 35% of the parts necessary to repair all of the vehicles are in Mopar inventories before the campaign is launched. Additional parts are ordered by Mopar to meet demand.

	AB
20	This is a previously submitted VERR being submitted in the proper template. Original VERR document date was February 17, 2011. This is listed as a "new" VERR because it is an original submission in the proper template. It is given a "01" version number to distinguish the file name from earlier submission in the wrong format, no
21	This is a previously submitted VERR being submitted in the proper template. Original VERR document date was May 16, 2011. This is listed as a "new" VERR because it is an original submission in the proper template. It is given a "01" version number to distinguish the file name from earlier submission in the wrong format, not bec
22	
23	Affected vehicles in distributor and dealer inventory will have the TCM re-flashed prior to sale.
24	Volumes on the next page reflect vehicles manufactured between January 17, 2011 and April 1, 2011.
25	
26	
27	
28	
29	The Owner and Dealer Notifications are being submitted as one combined document (VERR M03 Owner & Dealer Notifications.pdf).
30	Forwarding Letter - CBI
31	Volumes are for production through June 22, 2012. This will be launched as a voluntary safety recall campaign.
32	
33	The owner and dealer letters along with the technical service bulletin will be submitted by 7/31/12.
34	The owner and dealer letters along with the technical service bulletin will be submitted by 7/31/12.
35	The owner and dealer letters along with the technical service bulletin will be submitted by 7/31/12.
36	The owner and dealer letters along with the technical service bulletin will be submitted by 7/31/12.
37	
38	Forwarding Letter - CBI
39	
40	
41	
42	"Other" related document is a sample of a notification letter sent to equipment manufacturers to whom affected Detroit Diesel engines were supplied.
43	"Other" related document is a sample of a notification letter sent to equipment manufacturers to whom affected Detroit Diesel engines were supplied.
44	"Other" related document is a sample of a notification letter sent to equipment manufacturers to whom affected Detroit Diesel engines were supplied.
45	This recall report is being filed per new GHG regulations for A/C components even though the campaign was launched in June, 2010. This recall will not be included on the quarterly completion reports since the time period for reporting is past. K04 completion as of the end of the first quarter of 2012 was 92.7%.

	AC	AD	AE
20	There is no impact on fuel economy.		831
21	The module reprogramming will have no impact on fuel consumption.		832
22	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		891
23	The proposed changes have no impact on fuel economy.		931
24	In the rare event that a misfire DTC sets the MIL, "fail-safe" operation may also be triggered limiting vehicle performance and suspending hybrid operation, thereby possibly affecting short-term fuel economy.		1031
25	The proposed changes have no impact on fuel economy.		1032
26	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1114
27	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1115
28	The proposed changes have no impact on fuel economy.		1119
29	None.		1161
30	Not applicable		1261
31	Negligible impact on fuel economy.		1422
32	None		1141
33	None.		1362
34	None.		1362
35	None.		1362
36	None.		1362
37	None.		1482
38	Not applicable		1502
39	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		853
40	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		1016
41	The proposed changes have no impact on fuel economy.		1011
42	There is no impact on fuel economy.		1201
43	There is no impact on fuel economy.		1201
44	There is no impact on fuel economy.		1201
45	None.		1322

	AF	AG	AH	AI
20		4	Y	Y
21		3	Y	N
22		2	Y	N
23		5	Y	Y
24		1	Y	N
25		1	Y	N
26		3	Y	N
27		3	Y	N
28		1	Y	N
29		1	Y	N
30		4	Y	Y
31		0	N	N
32		0	N	N
33		3	Y	N
34		3	Y	N
35		3	Y	N
36		3	Y	N
37		2	Y	N
38	When originally submitted, the VERR file name was FOI_ADX_VER_0002_BD_R00. The "EPA VERR Number*, appearing above in this form template was 0001 instead of the intended value 0002 (as the original intent was to have the file name and EPA VERR number match). To clarify and document this error, the form is being resubm	4	Y	Y
39		2	Y	Y
40		2	Y	Y
41		1	Y	N
42		3	Y	N
43		3	Y	N
44		3	Y	N
45		2	Y	N

	AJ	AK	AL	AM
20	Y	Y	66636	There is no impact on driveability.
21	N	N	66637	The module reprogramming will have no impact on driveability.
22	N	N	68718	Ford engineering judgment indicates that the corrective action should not affect driveability or performance.
23	Y	N	70283	The proposed changes have no impact on drivability.
24	N	N	74160	In the rare event that a misfire DTC sets the MIL, "fail-safe" operation may also be triggered limiting vehicle performance and suspending hybrid operation.
25	N	N	75443	The proposed changes have no impact on drivability.
26	N	N	82646	Ford Engineering judgment indicates that the correction action should not affect driveability.
27	N	N	82647	Ford Engineering judgment indicates that the correction action should not affect drivability.
28	N	N	83309	The proposed changes have no impact on driveability.
29	N	N	84914	None.
30	N	Y	87674	Not applicable
31	N	N	92391	Drivability will be improved in low fuel situations.
32	N	N	84273	None
33	N	N	90898	None.
34	N	N	90898	None.
35	N	N	90898	None.
36	N	N	90898	None.
37	N	N	94315	Slight loss of power above 4700 RPM.
38	N	Y	94810	Not applicable
39	N	N	66938	Ford engineering judgment indicates that the corrective action should not affect driveability or performance.
40	N	N	66938	Ford engineering judgment indicates that the corrective action should not affect driveability or performance.
41	N	N	71830	The proposed changes have no impact on drivability.
42	N	Y	85415	There is no impact on drivability.
43	N	Y	85415	There is no impact on drivability.
44	N	Y	85415	There is no impact on drivability.
45	N	N	88196	Loss of refrigerant can adversely affect the performance of the air conditioning system.

	AN	AO	AP	AQ	AR
20	There is no impact on safety.	N	517	1	0901
21	The module reprogramming will have no impact on safety.	Y	518	1	1002
22	This is a safety recall.	N	577	0	0005
23	The proposed changes have no impact on safety.	Y	597	0	0001
24	None	N	677	0	0007
25	The proposed changes have no impact safety.	N	678	1	1105
26	Ford Engineering judgment indicates that the correction action should not affect safety.	N	760	0	0009
27	Ford Engineering judgment indicates that the correction action should not affect safety.	N	761	0	0008
28	The proposed changes have no impact safety.	N	765	0	1201
29	None.	N	807	0	1108
30	Not applicable	N	907	0	0014
31	Safety will be improved by eliminating the possibility of fuel starvation.	N	1028	0	0024
32	None	N	787	1	0001
33	This matter was evaluated by Harley-Davidson for any safety related concerns and it was determined that none exist.	Y	988	1	0002
34	This matter was evaluated by Harley-Davidson for any safety related concerns and it was determined that none exist.	Y	988	1	0002
35	This matter was evaluated by Harley-Davidson for any safety related concerns and it was determined that none exist.	Y	988	1	0002
36	This matter was evaluated by Harley-Davidson for any safety related concerns and it was determined that none exist.	Y	988	1	0002
37	None.	N	1088	0	1213
38	Not applicable	N	1108	1	0014
39	Ford engineering judgment indicates that the corrective action should not affect safety.	N	539	0	0002
40	Ford engineering judgment indicates that the corrective action should not affect safety.	N	540	0	0002
41	The proposed changes have no impact safety.	N	637	1	1106
42	There is no impact on safety.	N	847	0	1201
43	There is no impact on safety.	N	847	0	1201
44	There is no impact on safety.	N	847	0	1201
45	None.	N	948	0	1210

	AS	AT	AU
20	N	12/27/2010	1
21	Y	6/2/2010	1
22	Y		1
23	Y	10/17/2011	1
24	N	2/7/2012	1
25	Y		1
26	Y		1
27	Y		1
28	Y	3/2/2012	1
29	Y	3/19/2012	1
30	Y	5/16/2012	1
31	N	9/5/2012	1
32	N		1
33	Y		1
34	Y		1
35	Y		1
36	Y		1
37	Y	9/15/2012	1
38	Y	5/16/2012	1
39	Y		1
40	Y		1
41	Y		1
42	Y	4/4/2012	1
43	Y	4/4/2012	1
44	Y	4/4/2012	1
45	Y	8/20/2010	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
46	3008	5/29/2012	2009	CRX	K04	Light-Duty Vehicles and Trucks	65184	Y					Mr. Keith Fillmore	krf2@chrysler.com	2485765466
47	3572	9/21/2012	2008	ADX	AD-2012-09-21-1	Light-Duty Vehicles and Trucks	1314	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
48	3575	9/26/2012	2013	NSX	FOI_NSX_VER_0011_BD_	Light-Duty Vehicles and Trucks	16490	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
49	1747	2/28/2011	2010	EPA	1234ABC	Light-Duty Vehicles and Trucks	1	Y					Mr. Mike Heese	heese.michael@epa.gov	3014296506
50	1826	6/20/2011	2011	RII	Roush_2011_0003	Heavy-Duty Highway Class 2b/3 Vehicles	155	Y					Mr. Rocco Bellino	rocco.bellino@roush.com	7347797868
51	1826	6/20/2011	2010	RII	Roush_2011_0003	Heavy-Duty Highway Class 2b/3 Vehicles	155	Y					Mr. Rocco Bellino	rocco.bellino@roush.com	7347797868
52	1827	6/20/2011	2011	RII	Roush_2011_0003	Heavy-Duty Highway Gas and Diesel Engines	155	Y					Mr. Rocco Bellino	rocco.bellino@roush.com	7347797868
53	1827	6/20/2011	2010	RII	Roush_2011_0003	Heavy-Duty Highway Gas and Diesel Engines	155	Y					Mr. Rocco Bellino	rocco.bellino@roush.com	7347797868
54	1828	6/20/2011	2011	RII	Roush_2011_0003	Light-Duty Vehicles and Trucks	155	Y					Mr. Rocco Bellino	rocco.bellino@roush.com	7347797868
55	1828	6/20/2011	2010	RII	Roush_2011_0003	Light-Duty Vehicles and Trucks	155	Y					Mr. Rocco Bellino	rocco.bellino@roush.com	7347797868
56	1829	6/20/2011	2011	RII	Roush_2011_0003	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	155	Y					Mr. Rocco Bellino	rocco.bellino@roush.com	7347797868
57	1829	6/20/2011	2010	RII	Roush_2011_0003	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	155	Y					Mr. Rocco Bellino	rocco.bellino@roush.com	7347797868
58	2047	8/16/2011	2011	GMX	1102	Light-Duty Vehicles and Trucks	58394	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641
59	2480	1/13/2012	2012	TKX	1001	Light-Duty Vehicles and Trucks	3144	Y					Mr. David Robertson	DRobertson@mazdausa.com	3135947778
60	2622	3/9/2012	2010	NSX	FOI_NSX_VER_0004_BD_	Light-Duty Vehicles and Trucks	225254	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
61	2622	3/9/2012	2009	NSX	FOI_NSX_VER_0004_BD_	Light-Duty Vehicles and Trucks	225254	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
62	2622	3/9/2012	2008	NSX	FOI_NSX_VER_0004_BD_	Light-Duty Vehicles and Trucks	225254	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
63	2622	3/9/2012	2007	NSX	FOI_NSX_VER_0004_BD_	Light-Duty Vehicles and Trucks	225254	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
64	3308	8/10/2012	2012	NSX	FOI_NSX_VER_0009_BD_	Light-Duty Vehicles and Trucks	884	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
65	2887	5/4/2012	2012	FMX	12B34	Light-Duty Vehicles and Trucks	56634	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
66	2887	5/4/2012	2011	FMX	12B34	Light-Duty Vehicles and Trucks	56634	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
67	2888	5/4/2012	2012	FMX	12B34	Heavy-Duty Highway Gas and Diesel Engines	56634	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
68	2888	5/4/2012	2011	FMX	12B34	Heavy-Duty Highway Gas and Diesel Engines	56634	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
69	3006	5/25/2012	2012	CRX	M11	Light-Duty Vehicles and Trucks	1739	Y					Mr. Keith Fillmore	krf2@chrysler.com	2485765466
70	1949	7/21/2011	2001	GMX	1101	Light-Duty Vehicles and Trucks	184	N					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641
71	1949	7/21/2011	2008	GMX	1101	Light-Duty Vehicles and Trucks	184	N					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641
72	2612	2/27/2012	2012	NSX	FOI_NSX_VER_0003_BD_	Light-Duty Vehicles and Trucks	25693	Y					John Gibbons	john.gibbons@nissan-usa.com	615-725-6394
73	2612	2/27/2012	2011	NSX	FOI_NSX_VER_0003_BD_	Light-Duty Vehicles and Trucks	25693	Y					John Gibbons	john.gibbons@nissan-usa.com	615-725-6394
74	2613	2/27/2012	2012	NSX	FOI_NSX_VER_0002_BD_	Light-Duty Vehicles and Trucks	53582	N					John Gibbons	john.gibbons@nissan-usa.com	615-725-6394
75	2613	2/27/2012	2011	NSX	FOI_NSX_VER_0002_BD_	Light-Duty Vehicles and Trucks	53582	N					John Gibbons	john.gibbons@nissan-usa.com	615-725-6394
76	2619	3/1/2012	2012	NSX	FOI_NSX_VER_0005_BD_	Light-Duty Vehicles and Trucks	23531	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
77	2619	3/1/2012	2011	NSX	FOI_NSX_VER_0005_BD_	Light-Duty Vehicles and Trucks	23531	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
78	2725	3/28/2012	2012	CRX	M03	Light-Duty Vehicles and Trucks	15441	Y					Mr. Dennis Rakicki	dwr1@chrysler.com	2485765468
79	2735	3/30/2012	2011	NSX	FOI_NSX_VER_0008_BD_	Light-Duty Vehicles and Trucks	26633	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
80	2736	3/30/2012	2011	NSX	FOI_NSX_VER_0006_BD_	Light-Duty Vehicles and Trucks	80993	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
81	2736	3/30/2012	2010	NSX	FOI_NSX_VER_0006_BD_	Light-Duty Vehicles and Trucks	80993	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
82	2736	3/30/2012	2009	NSX	FOI_NSX_VER_0006_BD_	Light-Duty Vehicles and Trucks	80993	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415
83	2737	3/30/2012	2010	NSX	FOI_NSX_VER_0007_BD_	Light-Duty Vehicles and Trucks	7877	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415

	P	Q	R	S	T
46	dwr1@chrysler.com	Electrical, Mechanical and Cooling Systems	6/4/2010	2010	1004
47	n/a	Monitoring/Measuring Sensor/System	9/11/2012	2012	3
48		Computer Related (Other than OBD)	10/29/2012	2012	11
49	heese.michael@epa.gov	Diesel Particulate Filter System	3/14/2011	2011	1
50	rocco.bellino@roush.com	Fuel Delivery System	5/23/2011	2011	3
51	rocco.bellino@roush.com	Fuel Delivery System	5/23/2011	2011	3
52	rocco.bellino@roush.com	Fuel Delivery System	5/23/2011	2011	3
53	rocco.bellino@roush.com	Fuel Delivery System	5/23/2011	2011	3
54	rocco.bellino@roush.com	Fuel Delivery System	5/23/2011	2011	3
55	rocco.bellino@roush.com	Fuel Delivery System	5/23/2011	2011	3
56	rocco.bellino@roush.com	Fuel Delivery System	5/23/2011	2011	3
57	rocco.bellino@roush.com	Fuel Delivery System	5/23/2011	2011	3
58		Electrical, Mechanical and Cooling Systems	8/29/2011	2011	1102
59		Computer Related (Other than OBD)	1/16/2012	2012	1001
60		Exhaust System	4/16/2012	2012	4
61		Exhaust System	4/16/2012	2012	4
62		Exhaust System	4/16/2012	2012	4
63		Exhaust System	4/16/2012	2012	4
64		On-Board Diagnostic (OBD) System	9/17/2012	2012	9
65		Turbocharger/Supercharger	5/29/2012	2012	1234
66		Turbocharger/Supercharger	5/29/2012	2012	1234
67		Turbocharger/Supercharger	5/29/2012	2012	1234
68		Turbocharger/Supercharger	5/29/2012	2012	1234
69	dwr1@chrysler.com	Fuel Tank Component	5/21/2012	2012	1211
70		Computer Related (Other than OBD)	7/15/2011	2011	1101
71		Computer Related (Other than OBD)	7/15/2011	2011	1101
72		Fuel Delivery System	3/19/2012	2012	3
73		Fuel Delivery System	3/19/2012	2012	3
74		Fuel Delivery System	3/19/2012	2012	2
75		Fuel Delivery System	3/19/2012	2012	2
76		Fuel Delivery Component	4/2/2012	2012	5
77		Fuel Delivery Component	4/2/2012	2012	5
78	krf1@chrysler.com	On-Board Diagnostic (OBD) System	3/16/2012	2012	1203
79		Electrical, Mechanical and Cooling Systems	3/30/2012	2012	8
80		Electrical, Mechanical and Cooling Systems	5/13/2011	2011	6
81		Electrical, Mechanical and Cooling Systems	5/13/2011	2011	6
82		Electrical, Mechanical and Cooling Systems	5/13/2011	2011	6
83		Electrical, Mechanical and Cooling Systems	5/13/2011	2011	7

	U
46	On some 2009 and early 2010MY Dodge Grand Caravan and Chrysler Town & Country minivans, the air conditioning (A/C) discharge hose may crack and leak refrigerant. The original hose design was too short to adequately compensate for engine roll, and this is exacerbated by cold ambient temperatures (especially below fr
47	ECM programming for the pre-catalyst O2 sensors may cause an O2 sensor to become damaged over time, resulting in a MIL-on condition. If the MIL is on because of this issue, the vehicle may not pass an IM (emissions) inspection. Part numbers involved: 4F1 910 552 G ??? 0040 (production SW part number ??? level) 4E0 910 552 D ??? 0030 (production SW part number ??? level) 4F1 910 562 A ??? 0010 (upgrade SW part number ??? level) 4E0 910 552 K ??? 0040 (upgrade SW part number ??? level)
48	On some 2013MY Infiniti JX vehicles a P2097 and/or P2099 diagnostic trouble code (DTC) is appearing in the field for post-catalyst fuel trim. The DTC is due to an A/F sensor over-current condition. Under certain conditions, the A/F sensor heater circuit stays charged to 12V while Engine Off Natural Vacuum (EONV) evaporative emis
49	This is a defect description
50	The valve installed in the fuel rail service port of the ROUSH Liquid Propane Autogas Fuel System (???Kit???) may be out of specification. This could result in insufficient compression on the o-ring and possible leakage of propane autogas
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58	The camshaft position actuator system is controlled by the engine control module (ECM). The ECM sends a signal to the camshaft position actuator solenoids (intake and exhaust) in order to control the amount of engine oil flow to a cam actuator passage. Certain vehicles built from February 17, 2011 through June 3, 2011, were b
59	On certain 2012MY Mazda3 2.0L DI (direct injection engine) equipped with a Variable Valve Timing (VVT) system the intake cam angle may be detected improperly due to a software error in the Powertrain Control Module (PCM). As a result, the internal gear of the intake VVT actuator may stick at the full retarded position, causing
60	Nissan IUVP testing has indicated higher than expected exhaust emissions from the 2007 and 2008MY California specification Altima PZEV SULEV emission vehicles. ARB also conducted 2008MY surveillance testing based upon Nissan's IUVP test results. These higher than expected exhaust emissions were eventually determined to be due to higher than expected exhaust temperatures that resulted from timing retard due to a due to a false knock determination during valve closure.
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64	On some 2012MY Infiniti M35 Hybrid vehicles, the vehicle's Lithium-Ion Battery Controller (LBC) may incorrectly diagnosis that a battery is deteriorated when in fact it is not. The calculation algorithm of the deterioration diagnosis is not robust and can incorrectly diagnosis with cold ambients as the battery warms.
65	Some 2011 and 2012 F-Series, Superduty trucks with 6.7L Diesel (Dynomometer Certified) engines may experience high cycle fatigue damage to the turbocharger blades. Such damage may occur if the turbine blades reach resonance due to excessive turbine speed and turbine expansion ratios. Additonally, these vehicles may ex
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69	Some 2012 Jeep Compass/Patriot vehicles may have been built with a fuel tank assembly containing a roll-over valve (ROV) that may have been damaged during assembly, which could result in fuel leakage in the event of an impact or rollover event. A kinked vacuum line in the helium leak tester allowed fuel tanks to distort durin
70	Incorrect Engine Control Module (ECM) diagnostic system calibrations for certain 2008 Chevrolet Tahoe / Silverado and GMC Sierra vehicles equipped with 5.3 liter or 6.0 liter engines were unintentionally released for service. As a result, certain vehicles that received ECM reprogramming during the period these calibrations were
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72	The fuel rail pressure sensor on certain vehicles might be tightened insufficiently to the fuel rail of the direct inject type engine. It may loosen gradually by the heat and vibration of the engine during driving. If the vehicle continues to be driven in this condition, in an extreme case, there may be a fuel odor or leak.
73	The fuel rail pressure sensor on certain vehicles might be tightened insufficiently to the fuel rail of the direct inject type engine. It may loosen gradually by the heat and vibration of the engine during driving. If the vehicle continues to be driven in this condition, in an extreme case, there may be a fuel odor or leak.
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76	On 2011-2MY Quests manufactured through February 21, 2012 the fuel pump control module control program is incorrect. The incorrect program reduces fuel pump voltage at low engine speeds which may result in the fuel pump not having enough capability to supply fuel to the engine while driving at slow speeds or idling on a d
77	On 2011-2MY Quests manufactured through February 21, 2012 the fuel pump control module control program is incorrect. The incorrect program reduces fuel pump voltage at low engine speeds which may result in the fuel pump not having enough capability to supply fuel to the engine while driving at slow speeds or idling on a d
78	Some 2012 Fiat 500 vehicles may have been built with a cover on the Diagnostic Link Connector (DLC) which was not approved by CARB.
79	On some 2011MY Titan and Armada vehicles, below normal A/C performance has resulted from poor supplier equipment set-up instructions that led to locator holes being drilled in the wrong location.
80	On some 2009-11MY titan and 2010-11MY Armada vehicles, the A/C door motor performance has been poor leading to customers potentially running the A/C systems at a higher setting to get the desired cooling effects.
81	On some 2009-11MY titan and 2010-11MY Armada vehicles, the A/C door motor performance has been poor leading to customers potentially running the A/C systems at a higher setting to get the desired cooling effects.
82	On some 2009-11MY titan and 2010-11MY Armada vehicles, the A/C door motor performance has been poor leading to customers potentially running the A/C systems at a higher setting to get the desired cooling effects.
83	On some 2010MY Infiniti vehicles, the A/C door motor performance has been poor leading to customers potentially running the A/C systems at a higher setting to get the desired cooling effects.

	V
46	Chrysler conducted a Customer Satisfaction Notification (K04) to replace the discharge hose in cold weather states.
47	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected vehicles.
48	Reprogram Engine Control Module (ECM) and replace any damaged A/F sensors.
49	Describe the specific&null;modifications.
50	The remedy for this condition will consist of removing the existing valve from the fuel rail service port and replacing it with a new properly-machined valve.
51	The remedy for this condition will consist of removing the existing valve from the fuel rail service port and replacing it with a new properly-machined valve.
52	The remedy for this condition will consist of removing the existing valve from the fuel rail service port and replacing it with a new properly-machined valve.
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56	The remedy for this condition will consist of removing the existing valve from the fuel rail service port and replacing it with a new properly-machined valve.
57	The remedy for this condition will consist of removing the existing valve from the fuel rail service port and replacing it with a new properly-machined valve.
58	A voluntary emission recall will be conducted on affected vehicles to install a revised ECM calibration, that raises the directed pulse width modulation frequency for the solenoids, to avoid premature bearing wear. Additionally, for any sold vehicles, new solenoids will be installed.
59	The PCM will be reprogrammed with modified software.&null;And, if necessary, when vehicles are brought to dealers, Mazda will replace the VVT system if the VVT does not return from the most retarded angle position.
60	ECM reprogramming will occur to eliminate the false knock detection on the 4th cylinder. Based upon significant investigation, manifold catalysts on vehicles with greater than 50K mileage will also be replaced. Any cracked manifold catalyst or front exhaust tube with catalyst will be replaced regardless of vehicle mileage.
61	ECM reprogramming will occur to eliminate the false knock detection on the 4th cylinder. Based upon significant investigation, manifold catalysts on vehicles with greater than 50K mileage will also be replaced. Any cracked manifold catalyst or front exhaust tube with catalyst will be replaced regardless of vehicle mileage.
62	ECM reprogramming will occur to eliminate the false knock detection on the 4th cylinder. Based upon significant investigation, manifold catalysts on vehicles with greater than 50K mileage will also be replaced. Any cracked manifold catalyst or front exhaust tube with catalyst will be replaced regardless of vehicle mileage.
63	ECM reprogramming will occur to eliminate the false knock detection on the 4th cylinder. Based upon significant investigation, manifold catalysts on vehicles with greater than 50K mileage will also be replaced. Any cracked manifold catalyst or front exhaust tube with catalyst will be replaced regardless of vehicle mileage.
64	Reprogram Lithium-Ion Battery Controller (LBC)
65	Vehicles will receive updated Powertrain Control Module (PCM) calibrations that will limit the opportunity for high cycle turbo fatigue caused by resonance. These vehicles will also receive updated NOx module calibrations which slowly preheats the NOx sensor preventing migration of the exhaust condensate to the diffusion ce
66	Vehicles will receive updated Powertrain Control Module (PCM) calibrations that will limit the opportunity for high cycle turbo fatigue caused by resonance. These vehicles will also receive updated NOx module calibrations which slowly preheats the NOx sensor preventing migration of the exhaust condensate to the diffusion ce
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69	Chrysler will conduct a voluntary safety recall (M11) on all affected vehicles to replace the fuel tank assembly.
70	A voluntary emissions recall has been conducted on affected vehicles to reprogram the Engine Control Module with the correct diagnostic system calibration.
71	A voluntary emissions recall has been conducted on affected vehicles to reprogram the Engine Control Module with the correct diagnostic system calibration.
72	The tightening torque process of the fuel rail pressure sensor has been improved in production. Infiniti will conduct a voluntary safety recall campaign on vehicles in the filed.
73	The tightening torque process of the fuel rail pressure sensor has been improved in production. Infiniti will conduct a voluntary safety recall campaign on vehicles in the filed.
74	The tightening torque process of the fuel rail pressure sensor has been improved in production. Nissan will conduct a voluntary safety recall campaign on vehicles in the filed.
75	The tightening torque process of the fuel rail pressure sensor has been improved in production. Nissan will conduct a voluntary safety recall campaign on vehicles in the filed.
76	ECM reprogramming will occur to increase the voltage to the fuel pump control module, thereby eliminating the potential for fuel starvation.
77	ECM reprogramming will occur to increase the voltage to the fuel pump control module, thereby eliminating the potential for fuel starvation.
78	Chrysler will perform a voluntary emissions recall (M03) to have the DLC cover removed.
79	Nissan launched a voluntary service campaign to notify customers to seek service to remedy the situation. The receiver/dryer tank and the expansion valve are being replaced as required.
80	Nissan launched a voluntary service campaign to notify customers to seek service to remedy the situation. The A/C door motors are being replaced.
81	Nissan launched a voluntary service campaign to notify customers to seek service to remedy the situation. The A/C door motors are being replaced.
82	Nissan launched a voluntary service campaign to notify customers to seek service to remedy the situation. The A/C door motors are being replaced.
83	Infiniti launched a voluntary service campaign to notify customers to seek service to remedy the situation. The A/C door motors are being replaced.

	W
46	Chrysler provides the US VIN list for the specific recall to R.L. Polk for the latest customer name and address information. R.L. Polk searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). R.L. Polk sends this information to Chrysler to be used for recall me
47	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
48	RL Polk
49	Describe the method used to&null;determine the names and&null;addresses of the vehicle or engine&null;owners
50	Roush has determined the names and addresses of the fleet customers that own affected vehicles from Roush Clean Tech Authorized Installation Centers that installed the Kit on the affected vehicles.
51	Roush has determined the names and addresses of the fleet customers that own affected vehicles from Roush Clean Tech Authorized Installation Centers that installed the Kit on the affected vehicles.
52	Roush has determined the names and addresses of the fleet customers that own affected vehicles from Roush Clean Tech Authorized Installation Centers that installed the Kit on the affected vehicles.
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57	Roush has determined the names and addresses of the fleet customers that own affected vehicles from Roush Clean Tech Authorized Installation Centers that installed the Kit on the affected vehicles.
58	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
59	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
60	RL Polk
61	RL Polk
62	RL Polk
63	RL Polk
64	RL Polk
65	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
66	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
67	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
68	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
69	Chrysler provides the US VIN list for the specific recall to R.L. Polk (soon to be Experian) for the latest customer name and address information. R.L. Polk searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). R.L. Polk sends this information to Chrysler to
70	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
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72	RL Polk
73	RL Polk
74	RL Polk
75	RL Polk
76	RL Polk
77	RL Polk
78	Chrysler will notify vehicle owners by first class mail, based on R. L. Polk State Registration records and Chrysler owner records.
79	RL Polk
80	RL Polk
81	RL Polk
82	RL Polk
83	RL Polk

	X
46	None.
47	There are no maintenance or eligibility requirements.
48	None required
49	Describe the conditions, proper&null;maintenance, or use upon which&null;the manufacturer determines&null;eligibility for repair
50	VIN's have been identified that are involved in this repair procedure, customers and service centers have been contacted directly for notification and direction on repair procedure and all replacement parts have been sent out for the repair.
51	VIN's have been identified that are involved in this repair procedure, customers and service centers have been contacted directly for notification and direction on repair procedure and all replacement parts have been sent out for the repair.
52	VIN's have been identified that are involved in this repair procedure, customers and service centers have been contacted directly for notification and direction on repair procedure and all replacement parts have been sent out for the repair.
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57	VIN's have been identified that are involved in this repair procedure, customers and service centers have been contacted directly for notification and direction on repair procedure and all replacement parts have been sent out for the repair.
58	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
59	There will be no restrictions on eligibility.
60	None required
61	None required
62	None required
63	None required
64	None required
65	Eligibility for the program is not conditioned upon proper maintenance or use.
66	Eligibility for the program is not conditioned upon proper maintenance or use.
67	Eligibility for the program is not conditioned upon proper maintenance or use.
68	Eligibility for the program is not conditioned upon proper maintenance or use.
69	None.
70	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
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72	None required
73	None required
74	None required
75	None required
76	None required
77	None required
78	None.
79	None required
80	None required
81	None required
82	None required
83	None required

	Y
46	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
47	All authorized Audi dealers will be notified of this campaign, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue on or about September 11, 2012.
48	Schedule an appointment after owner notification.
49	Describe the procedure for the&null;vehicle or engine owners to correct&null;the nonconformity
50	Customer to take vehicle to designated authorized service center.
51	Customer to take vehicle to designated authorized service center.
52	Customer to take vehicle to designated authorized service center.
53	Customer to take vehicle to designated authorized service center.
54	Customer to take vehicle to designated authorized service center.
55	Customer to take vehicle to designated authorized service center.
56	Customer to take vehicle to designated authorized service center.
57	Customer to take vehicle to designated authorized service center.
58	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
59	As all Mazda dealers will be provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in January 2012, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealer.
60	Schedule an appointment after receiving the owner letter.
61	Schedule an appointment after receiving the owner letter.
62	Schedule an appointment after receiving the owner letter.
63	Schedule an appointment after receiving the owner letter.
64	Schedule an appointment after owner notification.
65	See Owner Notification Letter.
66	See Owner Notification Letter.
67	See Owner Notification Letter.
68	See Owner Notification Letter.
69	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
70	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
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72	Schedule an appointment after receiving the owner letter.
73	Schedule an appointment after receiving the owner letter.
74	Schedule an appointment after receiving the owner letter.
75	Schedule an appointment after receiving the owner letter.
76	Schedule an appointment after receiving the owner letter.
77	Schedule an appointment after receiving the owner letter.
78	Owners are requested to remove the DLC cover or make arrangements for the Dealer to do so.
79	Schedule an appointment after receiving the owner letter.
80	Schedule an appointment after receiving the owner letter.
81	Schedule an appointment after receiving the owner letter.
82	Schedule an appointment after receiving the owner letter.
83	Schedule an appointment after receiving the owner letter.

	Z
46	None.
47	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
48	Only Infiniti dealers
49	Describe any authorized warranty&null;agents or persons other than&null;dealers who will remedy the&null;defect
50	Only the designated authorized service centers.
51	Only the designated authorized service centers.
52	Only the designated authorized service centers.
53	Only the designated authorized service centers.
54	Only the designated authorized service centers.
55	Only the designated authorized service centers.
56	Only the designated authorized service centers.
57	Only the designated authorized service centers.
58	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
59	Repair work will be performed only by authorized Mazda dealers.
60	Only Nissan dealers
61	Only Nissan dealers
62	Only Nissan dealers
63	Only Nissan dealers
64	Only Infiniti dealers
65	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
66	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
67	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
68	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
69	None.
70	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
71	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
72	Only Infiniti dealers
73	Only Infiniti dealers
74	Only Nissan dealers
75	Only Nissan dealers
76	Only Nissan dealers
77	Only Nissan dealers
78	None.
79	Only Nissan dealers
80	Only Nissan dealers
81	Only Nissan dealers
82	Only Nissan dealers
83	Only Infiniti dealers

	AA
46	A minimum of 35% of the parts necessary to repair all of the vehicles are in Mopar inventories before the campaign is launched. Additional parts are ordered by Mopar to meet demand.
47	This action is a software update only, therefore there are no parts allocation.
48	A/F sensor part usage will be monitored.
49	Describe the system used to assure&null;an adequate supply of parts will be&null;available to perform the repair
50	All parts have been sent to customers to cover 100% of the necessary repairs.
51	All parts have been sent to customers to cover 100% of the necessary repairs.
52	All parts have been sent to customers to cover 100% of the necessary repairs.
53	All parts have been sent to customers to cover 100% of the necessary repairs.
54	All parts have been sent to customers to cover 100% of the necessary repairs.
55	All parts have been sent to customers to cover 100% of the necessary repairs.
56	All parts have been sent to customers to cover 100% of the necessary repairs.
57	All parts have been sent to customers to cover 100% of the necessary repairs.
58	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales.
59	The necessary number of repair parts / software will be available at any authorized Mazda dealer.
60	Nissan will roll out the campaign in 3 stages to help ensure an adequate supply of manifold catalysts. Nissan has been working with the supplier and will monitor to ensure sufficient part supply. Launch of the 2nd and 3rd stages can be moved forward or back as part supply dictates. Current timing estimates: 2010MY - 4/16/2012 2009MY - 10/8/2012 2008MY and 2007MY - 4/8/2013
61	Nissan will roll out the campaign in 3 stages to help ensure an adequate supply of manifold catalysts. Nissan has been working with the supplier and will monitor to ensure sufficient part supply. Launch of the 2nd and 3rd stages can be moved forward or back as part supply dictates. Current timing estimates: 2010MY - 4/16/2012 2009MY - 10/8/2012 2008MY and 2007MY - 4/8/2013
62	Nissan will roll out the campaign in 3 stages to help ensure an adequate supply of manifold catalysts. Nissan has been working with the supplier and will monitor to ensure sufficient part supply. Launch of the 2nd and 3rd stages can be moved forward or back as part supply dictates. Current timing estimates: 2010MY - 4/16/2012 2009MY - 10/8/2012 2008MY and 2007MY - 4/8/2013
63	Nissan will roll out the campaign in 3 stages to help ensure an adequate supply of manifold catalysts. Nissan has been working with the supplier and will monitor to ensure sufficient part supply. Launch of the 2nd and 3rd stages can be moved forward or back as part supply dictates. Current timing estimates: 2010MY - 4/16/2012 2009MY - 10/8/2012 2008MY and 2007MY - 4/8/2013
64	No parts required
65	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
66	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
67	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
68	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
69	A minimum of 35% of the parts necessary to repair all of the vehicles are in Mopar inventories before the campaign is launched. Additional parts are ordered by Mopar to meet demand.
70	There are no parts involved in this campaign. ECM calibrations have been made available electronically through General Motors Customer Care and Aftersales.
71	There are no parts involved in this campaign. ECM calibrations have been made available electronically through General Motors Customer Care and Aftersales.
72	If there is evidence of fuel seepage, the gasket will be replaced wit a new one. Part usage will monitored.
73	If there is evidence of fuel seepage, the gasket will be replaced wit a new one. Part usage will monitored.
74	If there is evidence of fuel seepage, the gasket will be replaced wit a new one. Part usage will monitored.
75	If there is evidence of fuel seepage, the gasket will be replaced wit a new one. Part usage will monitored.
76	No parts required - ECM reprogramming only
77	No parts required - ECM reprogramming only
78	No parts are required to perform the DLC cover removal
79	An adequate parts supply was determined prior to launch. Nissan continues to monitor part supply.
80	An adequate supply was determined prior to launch. Nissan continues to monitor part supply.
81	An adequate supply was determined prior to launch. Nissan continues to monitor part supply.
82	An adequate supply was determined prior to launch. Nissan continues to monitor part supply.
83	An adequate supply was determined prior to launch. Infiniti continues to monitor part supply.

	AB
46	This recall report is being filed per new GHG regulations for A/C components even though the campaign was launched in June, 2010. This recall will not be included on the quarterly completion reports since the time period for reporting is past. K04 completion as of the end of the first quarter of 2012 was 92.7%.
47	Forwarding Letter - CBI
48	
49	These are notes
50	NTHSA RECALL
51	NTHSA RECALL
52	NTHSA RECALL
53	NTHSA RECALL
54	NTHSA RECALL
55	NTHSA RECALL
56	NTHSA RECALL
57	NTHSA RECALL
58	
59	Mazda assigned a recall number #6511K on this service action.
60	Volumes on the next page are for vehicle production through August 2, 2010.
61	Volumes on the next page are for vehicle production through August 2, 2010.
62	Volumes on the next page are for vehicle production through August 2, 2010.
63	Volumes on the next page are for vehicle production through August 2, 2010.
64	
65	Owner Notification Date is estimated.
66	Owner Notification Date is estimated.
67	Owner Notification Date is estimated.
68	Owner Notification Date is estimated.
69	Only AWD vehicles are affected. There have not been any field failures to date.
70	
71	
72	Volumes on the next page reflect Infiniti QX vehicles manufactured between through December 24, 2011 and Infiniti M56 vehicles manufactured through December 16, 2011.
73	Volumes on the next page reflect Infiniti QX vehicles manufactured between through December 24, 2011 and Infiniti M56 vehicles manufactured through December 16, 2011.
74	Volumes on the next page reflect Nissan Juke vehicles manufactured between through December 27, 2011.
75	Volumes on the next page reflect Nissan Juke vehicles manufactured between through December 27, 2011.
76	Volumes are for production through February 21, 2012.
77	Volumes are for production through February 21, 2012.
78	The Owner and Dealer Notifications are being submitted as one combined document (VERR M03 Owner & Dealer Notifications.pdf).
79	VERR is being submitted for previously launched A/C efficiency related service campaign in order to support Nissan application for retroactive GHG credits. This case was discussed with Joel Ball.
80	VERR is being submitted for previously launched A/C efficiency related service campaign in order to support Nissan application for retroactive GHG credits. This case was discussed with Joel Ball.
81	VERR is being submitted for previously launched A/C efficiency related service campaign in order to support Nissan application for retroactive GHG credits. This case was discussed with Joel Ball.
82	VERR is being submitted for previously launched A/C efficiency related service campaign in order to support Nissan application for retroactive GHG credits. This case was discussed with Joel Ball.
83	VERR is being submitted for previously launched A/C efficiency related service campaign in order to support Nissan/Infiniti application for retroactive GHG credits. This case was discussed with Joel Ball.

	AC	AD	AE
46	None.		1322
47	Not applicable		1503
48	There will be no significant impact on fuel economy.		1504
49	Describe the impact of the&null;proposed changes on fuel&null;economy		771
50	NONE		791
51	NONE		791
52	NONE		792
53	NONE		792
54	NONE		1018
55	NONE		1018
56	NONE		794
57	NONE		794
58	The proposed changes have no impact on fuel economy.		1012
59	There is no impact on fuel economy.		1072
60	Fuel economy will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.		1121
61	Fuel economy will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.		1121
62	Fuel economy will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.		1121
63	Fuel economy will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.		1121
64	There will be no significant impact on fuel economy.		1382
65	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1243
66	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1243
67	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1244
68	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1244
69	None.		1301
70	The proposed changes have no impact on fuel economy.		811
71	The proposed changes have no impact on fuel economy.		811
72	No impact on fuel economy because it will be detected quickly and worst case is a very small amount of fuel seepage.		1117
73	No impact on fuel economy because it will be detected quickly and worst case is a very small amount of fuel seepage.		1117
74	No impact on fuel economy because it will be detected quickly and worst case is a very small amount of fuel seepage.		1118
75	No impact on fuel economy because it will be detected quickly and worst case is a very small amount of fuel seepage.		1118
76	Negligible impact on fuel economy.		1120
77	Negligible impact on fuel economy.		1120
78	None.		1162
79	Negligible impact on fuel economy.		1181
80	Negligible impact on fuel economy.		1182
81	Negligible impact on fuel economy.		1182
82	Negligible impact on fuel economy.		1182
83	Negligible impact on fuel economy.		1183

	AF	AG	AH	AI
46		2	Y	N
47		5	Y	Y
48		1	Y	N
49		0	N	N
50		1	N	N
51		1	N	N
52		1	N	N
53		1	N	N
54		1	N	N
55		1	N	N
56		1	N	N
57		1	N	N
58		1	Y	N
59		4	Y	Y
60		0	N	N
61		0	N	N
62		0	N	N
63		0	N	N
64		1	Y	N
65		2	Y	N
66		2	Y	N
67		2	Y	N
68		2	Y	N
69		2	Y	N
70		1	Y	N
71		1	Y	N
72		0	N	N
73		0	N	N
74		0	N	N
75		0	N	N
76		0	N	N
77		0	N	N
78		1	Y	N
79		0	N	N
80		0	N	N
81		0	N	N
82		0	N	N
83		0	N	N

	AJ	AK	AL	AM
46	N	N	88196	Loss of refrigerant can adversely affect the performance of the air conditioning system.
47	N	Y	94825	Not applicable
48	N	N	95147	Drivability may, in rare circumstances, be impacted with a temporary decline in performance.
49	N	N	59121	Describe the impact of the proposed changes on drivability
50	N	Y	64561	NONE
51	N	Y	64561	NONE
52	N	Y	64561	NONE
53	N	Y	64561	NONE
54	N	Y	64561	NONE
55	N	Y	64561	NONE
56	N	Y	64561	NONE
57	N	Y	64561	NONE
58	N	N	67542	The proposed changes have no impact on drivability.
59	Y	N	79957	There is no impact on drivability.
60	N	N	83969	Drivability will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.
61	N	N	83969	Drivability will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.
62	N	N	83969	Drivability will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.
63	N	N	83969	Drivability will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.
64	N	N	92198	Drivability may be impacted with a temporary decline in performance.
65	N	N	86948	Ford Engineering judgment indicates that the correction action should not affect drivability.
66	N	N	86948	Ford Engineering judgment indicates that the correction action should not affect drivability.
67	N	N	86948	Ford Engineering judgment indicates that the correction action should not affect drivability.
68	N	N	86948	Ford Engineering judgment indicates that the correction action should not affect drivability.
69	N	N	88113	None.
70	N	N	66127	The proposed changes have no impact on driveability.
71	N	N	66127	The proposed changes have no impact on driveability.
72	N	N	83192	No impact on drivability.
73	N	N	83192	No impact on drivability.
74	N	N	83191	No impact on drivability.
75	N	N	83191	No impact on drivability.
76	N	N	83398	Drivability will be improved in low fuel situations.
77	N	N	83398	Drivability will be improved in low fuel situations.
78	N	N	84950	None.
79	N	N	85122	Negligible impact on drivability.
80	N	N	85120	Negligible impact on drivability.
81	N	N	85120	Negligible impact on drivability.
82	N	N	85120	Negligible impact on drivability.
83	N	N	85121	Negligible impact on drivability.

	AN	AO	AP	AQ	AR
46	None.	N	948	0	1210
47	Not applicable	N	1109	0	9998
48	None	N	1110	0	0020
49	Describe the impact of the proposed changes on safety	Y	457	2	0001
50	ELIMINATES ANY FUEL LEAKAGE	N	477	0	0003
51	ELIMINATES ANY FUEL LEAKAGE	N	477	0	0003
52	ELIMINATES ANY FUEL LEAKAGE	N	478	0	0003
53	ELIMINATES ANY FUEL LEAKAGE	N	478	0	0003
54	ELIMINATES ANY FUEL LEAKAGE	N	479	0	0003
55	ELIMINATES ANY FUEL LEAKAGE	N	479	0	0003
56	ELIMINATES ANY FUEL LEAKAGE	N	480	0	0003
57	ELIMINATES ANY FUEL LEAKAGE	N	480	0	0003
58	The proposed changes have no impact safety.	N	557	1	1102
59	There is no impact on safety.	N	718	0	0004
60	No impact on safety.	N	767	0	0005
61	No impact on safety.	N	767	0	0005
62	No impact on safety.	N	767	0	0005
63	No impact on safety.	N	767	0	0005
64	None	N	1008	0	0023
65	Ford Engineering judgment indicates that the correction action should not affect safety.	N	889	0	0011,0012
66	Ford Engineering judgment indicates that the correction action should not affect safety.	N	889	0	0011,0012
67	Ford Engineering judgment indicates that the correction action should not affect safety.	N	890	0	0011,0012
68	Ford Engineering judgment indicates that the correction action should not affect safety.	N	890	0	0011,0012
69	The repairs are required to correct a potential safety defect in the event of a vehicle rollover.	N	947	0	1204
70	The proposed changes have no impact safety.	N	497	1	1101
71	The proposed changes have no impact safety.	N	497	1	1101
72	Safety will be improved with the improved torque tightening process.	N	763	0	0010
73	Safety will be improved with the improved torque tightening process.	N	763	0	0010
74	Safety will be improved with the improved torque tightening process.	N	764	0	0010
75	Safety will be improved with the improved torque tightening process.	N	764	0	0010
76	Safety will be improved by eliminating the possibility of fuel starvation.	N	766	0	0009
77	Safety will be improved by eliminating the possibility of fuel starvation.	N	766	0	0009
78	None.	N	808	0	1108
79	No impact on safety.	N	827	0	0016
80	No impact on safety.	N	828	0	0015
81	No impact on safety.	N	828	0	0015
82	No impact on safety.	N	828	0	0015
83	No impact on safety.	N	829	0	0015

	AS	AT	AU
46	Y	8/20/2010	1
47	Y	9/12/2012	1
48	N	10/30/2012	1
49	N	3/29/2011	1
50	N	5/24/2011	1
51	N	5/24/2011	1
52	N	5/24/2011	1
53	N	5/24/2011	1
54	N	5/24/2011	1
55	N	5/24/2011	1
56	N	5/24/2011	1
57	N	5/24/2011	1
58	Y		1
59	Y	1/17/2012	1
60	N	4/8/2013	1
61	N	4/8/2013	1
62	N	4/8/2013	1
63	N	4/8/2013	1
64	N	9/18/2012	1
65	Y		1
66	Y		1
67	Y		1
68	Y		1
69	Y	5/25/2012	1
70	Y	7/16/2011	1
71	Y	7/16/2011	1
72	N	3/20/2012	1
73	N	3/20/2012	1
74	N	3/20/2012	1
75	N	3/20/2012	1
76	N	4/3/2012	1
77	N	4/3/2012	1
78	Y	3/19/2012	1
79	N	5/21/2012	1
80	N	5/16/2011	1
81	N	5/16/2011	1
82	N	5/16/2011	1
83	N	5/16/2011	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
84	2821	4/17/2012	2011	GMX	1107	Light-Duty Vehicles and Trucks	138717	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641
85	2821	4/17/2012	2010	GMX	1107	Light-Duty Vehicles and Trucks	138717	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641
86	2821	4/17/2012	2009	GMX	1107	Light-Duty Vehicles and Trucks	138717	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641
87	2441	12/22/2011	2012	VWX	VW-2011-12-15-1	Light-Duty Vehicles and Trucks	159935	Y					Mr. Gregory McReynolds None	gregory.mcreynolds@vw.com	2487544203
88	2441	12/22/2011	2011	VWX	VW-2011-12-15-1	Light-Duty Vehicles and Trucks	159935	Y					Mr. Gregory McReynolds None	gregory.mcreynolds@vw.com	2487544203
89	2441	12/22/2011	2010	VWX	VW-2011-12-15-1	Light-Duty Vehicles and Trucks	159935	Y					Mr. Gregory McReynolds None	gregory.mcreynolds@vw.com	2487544203
90	2441	12/22/2011	2009	VWX	VW-2011-12-15-1	Light-Duty Vehicles and Trucks	159935	Y					Mr. Gregory McReynolds None	gregory.mcreynolds@vw.com	2487544203
91	2885	5/4/2012	2012	FMX	12B33	Light-Duty Vehicles and Trucks	139790	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
92	2885	5/4/2012	2011	FMX	12B33	Light-Duty Vehicles and Trucks	139790	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
93	2886	5/4/2012	2012	FMX	12B33	Heavy-Duty Highway Gas and Diesel Engines	139790	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
94	2886	5/4/2012	2011	FMX	12B33	Heavy-Duty Highway Gas and Diesel Engines	139790	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404
95	3603	10/11/2012	2011	CRX	M33	Light-Duty Vehicles and Trucks	46387	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
96	3703	11/9/2012	2012	BMX	12E-A01	Light-Duty Vehicles and Trucks	4100	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
97	3703	11/9/2012	2011	BMX	12E-A01	Light-Duty Vehicles and Trucks	4100	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
98	3779	11/20/2012	2013	FJX	1205	Light-Duty Vehicles and Trucks	168810	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
99	3779	11/20/2012	2012	FJX	1205	Light-Duty Vehicles and Trucks	168810	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
100	3779	11/20/2012	2011	FJX	1205	Light-Duty Vehicles and Trucks	168810	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
101	3623	10/19/2012	2012	CRX	M30	Light-Duty Vehicles and Trucks	72052	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
102	3865	12/6/2012	2012	HMX	FD40-11044	Heavy-Duty Highway Gas and Diesel Engines	3240	N					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
103	3865	12/6/2012	2011	HMX	FD40-11044	Heavy-Duty Highway Gas and Diesel Engines	3240	N					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
104	3866	12/6/2012	2012	HMX	FD40-11044	Heavy-Duty Highway Gas and Diesel Engines	3240	N					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
105	3866	12/6/2012	2011	HMX	FD40-11044	Heavy-Duty Highway Gas and Diesel Engines	3240	N					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
106	3867	12/6/2012	2012	HMX	FD40-11044	Heavy-Duty Highway Gas and Diesel Engines	3240	N					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
107	3867	12/6/2012	2011	HMX	FD40-11044	Heavy-Duty Highway Gas and Diesel Engines	3240	N					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
108	3868	12/6/2012	2011	HMX	FD40-11044	Heavy-Duty Highway Gas and Diesel Engines	3192	N					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
109	3680	10/30/2012	2013	NSX	FOI_NSX_VER_0012_BD_	Light-Duty Vehicles and Trucks	1449	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415

	P	Q	R	S	T
84		Ignition Component	5/8/2012	2012	1107
85		Ignition Component	5/8/2012	2012	1107
86		Ignition Component	5/8/2012	2012	1107
87		Fuel Delivery Component	11/9/2011	2011	1
88		Fuel Delivery Component	11/9/2011	2011	1
89		Fuel Delivery Component	11/9/2011	2011	1
90		Fuel Delivery Component	11/9/2011	2011	1
91		NOx Sensor	4/23/2012	2012	1233
92		NOx Sensor	4/23/2012	2012	1233
93		NOx Sensor	4/23/2012	2012	1233
94		NOx Sensor	4/23/2012	2012	1233
95	krf2@chrysler.com	On-Board Diagnostic (OBD) System	10/5/2012	2012	1233
96	stephen.sinkez@bmwna.com	On-Board Diagnostic (OBD) System	10/19/2012	2012	17
97	stephen.sinkez@bmwna.com	On-Board Diagnostic (OBD) System	10/19/2012	2012	17
98		On-Board Diagnostic (OBD) System	10/31/2012	2012	1205
99		On-Board Diagnostic (OBD) System	10/31/2012	2012	1205
100		On-Board Diagnostic (OBD) System	10/31/2012	2012	1205
101	dwr1@chrysler.com	On-Board Diagnostic (OBD) System	10/19/2012	2012	1230
102		On-Board Diagnostic (OBD) System	11/21/2011	2011	4
103		On-Board Diagnostic (OBD) System	11/21/2011	2011	4
104		On-Board Diagnostic (OBD) System	11/21/2011	2011	3
105		On-Board Diagnostic (OBD) System	11/21/2011	2011	3
106		On-Board Diagnostic (OBD) System	11/21/2011	2011	5
107		On-Board Diagnostic (OBD) System	11/21/2011	2011	5
108		On-Board Diagnostic (OBD) System	11/21/2011	2011	1
109		On-Board Diagnostic (OBD) System	12/3/2012	2012	12

	U
84	The component that failed is the ignition coil assembly. The failure mode is a breakdown of the dielectric seal between the spark plug boots, that are an integral part of the coil assembly, and the spark plug ceramic insulator. The dielectric seal is formed by a silicone boot stretched over the spark plug ceramic insulator. If this di
85	The component that failed is the ignition coil assembly. The failure mode is a breakdown of the dielectric seal between the spark plug boots, that are an integral part of the coil assembly, and the spark plug ceramic insulator. The dielectric seal is formed by a silicone boot stretched over the spark plug ceramic insulator. If this di
86	The component that failed is the ignition coil assembly. The failure mode is a breakdown of the dielectric seal between the spark plug boots, that are an integral part of the coil assembly, and the spark plug ceramic insulator. The dielectric seal is formed by a silicone boot stretched over the spark plug ceramic insulator. If this di
87	In US specific applications of the 2.0L TDI common rail diesel engine / Clean Diesel engine (engine codes CJAA and CBEA; emissions related de-NOx and de-SOx regeneration cycles) the fuel injection system pulses could coincide with the natural frequency of the injector line #2 in specific load and RPM conditions. This resonance cr
88	In US specific applications of the 2.0L TDI common rail diesel engine / Clean Diesel engine (engine codes CJAA and CBEA; emissions related de-NOx and de-SOx regeneration cycles) the fuel injection system pulses could coincide with the natural frequency of the injector line #2 in specific load and RPM conditions. This resonance cr
89	In US specific applications of the 2.0L TDI common rail diesel engine / Clean Diesel engine (engine codes CJAA and CBEA; emissions related de-NOx and de-SOx regeneration cycles) the fuel injection system pulses could coincide with the natural frequency of the injector line #2 in specific load and RPM conditions. This resonance cr
90	In US specific applications of the 2.0L TDI common rail diesel engine / Clean Diesel engine (engine codes CJAA and CBEA; emissions related de-NOx and de-SOx regeneration cycles) the fuel injection system pulses could coincide with the natural frequency of the injector line #2 in specific load and RPM conditions. This resonance cr
91	Some 2011 and 2012 F-Series, Superduty trucks with 6.7L Diesel may experience damaged NOx sensors due to the strategy programing of the NOx module. NOx sensors may be damaged by exhaust condensate contamination of the oxygen diffusion cell at cold start resulting in improper oxygen sensor reading or by water deposit
92	Some 2011 and 2012 F-Series, Superduty trucks with 6.7L Diesel may experience damaged NOx sensors due to the strategy programing of the NOx module. NOx sensors may be damaged by exhaust condensate contamination of the oxygen diffusion cell at cold start resulting in improper oxygen sensor reading or by water deposit
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95	The Powertrain Control Module (PCM) may have been inadvertently programmed with software that could initiate an intrusive purge monitor check while at a low idle. This can result in an overly rich vapor condition and cause the engine to stall while the vehicle is stopped.
96	Due to a data error in the Engine Control Unit (ECU) software, the primary oxygen sensor delay diagnostics are permanently inactive (no DTC storage and no MIL illumination in case of a malfunction). As a further result the readiness status for the exhaust gas sensor system always indicates "not complete." The ECU software including the data error was implemented in all MY12 X5 xDrive 50i and X6 xDrive 50i models produced between 10/11 and the middle of 02/12.
97	Due to a data error in the Engine Control Unit (ECU) software, the primary oxygen sensor delay diagnostics are permanently inactive (no DTC storage and no MIL illumination in case of a malfunction). As a further result the readiness status for the exhaust gas sensor system always indicates "not complete." The ECU software including the data error was implemented in all MY12 X5 xDrive 50i and X6 xDrive 50i models produced between 10/11 and the middle of 02/12.
98	ARB MSCD determined an OBDII System Thermostat Monitoring Deficiency for 2011-2012 model lines and 2013 model year Subaru BRZ (including branded 2013 model year Toyota Scion FR-S). Our thermostat (P0128) strategy uses the same malfunction criteria and monitoring conditions for both passing and failing decisions. As a
99	ARB MSCD determined an OBDII System Thermostat Monitoring Deficiency for 2011-2012 model lines and 2013 model year Subaru BRZ (including branded 2013 model year Toyota Scion FR-S). Our thermostat (P0128) strategy uses the same malfunction criteria and monitoring conditions for both passing and failing decisions. As a
100	ARB MSCD determined an OBDII System Thermostat Monitoring Deficiency for 2011-2012 model lines and 2013 model year Subaru BRZ (including branded 2013 model year Toyota Scion FR-S). Our thermostat (P0128) strategy uses the same malfunction criteria and monitoring conditions for both passing and failing decisions. As a
101	On vehicles equipped with a ZF 8 speed automatic transmission, the internal temperature too high diagnostic may permanently set a P0634 fault and permanently illuminate the MIL. The TCM internal temperature too high diagnostic is intended to shut down the TCM to prevent damage when transmission oil temperature exceeds 145C, resulting in 6th gear limp-in. A software error results in the MIL remaining on indefinitely after the fault code (P0634) is stored regardless of whether the fault code and MIL clearing conditions are met on subsequent trips. The failure condition and limp-in are recoverable, but the MIL is not and will remain illuminated forever (the fault cannot be cleared with a scan tool, but requires reprogramming or replacement of the TCM). In addition, a change to a stiffer spring on the Park Solenoid Valve (PS-V) caused the test pressure calibration for the Position Valve (POS-V) stuck diagnostic to be insufficient as reported in VERR L40-C. This error prevents detection of a failure and illumination of the MIL, in violation of the OBD regulations. Normal transmission operation was not adversely affected by the spring change, just diagnostics. This issue affected only the first 2,180 vehicles built.
102	(1)On-board diagnostic system has deficiencies under applicable laws and regulations in ???Reductant delivery performance (at system start up)??? and ???NOx sensor (SCR upstream) performance???. (2)This defect involves a condition where the dosing control unit (DCU) can malfunction at low temperatures. This malfunction may cause the on-board diagnostic system to work improperly and then cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ???ON???.
103	(1)On-board diagnostic system has deficiencies under applicable laws and regulations in ???Reductant delivery performance (at system start up)??? and ???NOx sensor (SCR upstream) performance???. (2)This defect involves a condition where the dosing control unit (DCU) can malfunction at low temperatures. This malfunction may cause the on-board diagnostic system to work improperly and then cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ???ON???.
104	When operated at temperatures at and below 0 degrees Celsius or 32 degrees Fahrenheit, the condensation in the VNT (Variable Nozzle Turbocharger) can freeze, and the link-rod of VNT may be prevented from working, which may cause an on-board diagnostic system to work improperly and may cause the MIL (Malfunction Indica
105	When operated at temperatures at and below 0 degrees Celsius or 32 degrees Fahrenheit, the condensation in the VNT (Variable Nozzle Turbocharger) can freeze, and the link-rod of VNT may be prevented from working, which may cause an on-board diagnostic system to work improperly and may cause the MIL (Malfunction Indica
106	When operated at an altitude of 6800ft or higher, burners can be prevented from working to heat-up catalyst.
107	When operated at an altitude of 6800ft or higher, burners can be prevented from working to heat-up catalyst.
108	When operated at temperatures at and below -12 degrees Celsius or 10 degrees Fahrenheit, the DEF in the DEF hose can freeze and cause low pressure in the DEF hose, which may cause an on-board diagnostic system to work improperly and may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle
109	On 2013MY Nissan GTR vehicles, the misfire monitoring during the first 1000 revolutions is not as sensitive as is required by 13 CCR 1968.2 (e)(3). The ECM can in fact detect a malfunction with 2.08% misfire, and the resulting emissions were found to be low enough not to trigger additional action beyond an emission service camp

	V
84	New boots, that are 3.1mm longer, have been designed and released for use in service. Additionally, new spark plugs, with a reduced gap of 0.9mm, have been released for use in service. General Motors will conduct a Voluntary Emission Recall, to install the new boots on the ignition coil and replace the 1.1mm gap spark plugs with the new 0.9mm spark plugs.
85	New boots, that are 3.1mm longer, have been designed and released for use in service. Additionally, new spark plugs, with a reduced gap of 0.9mm, have been released for use in service. General Motors will conduct a Voluntary Emission Recall, to install the new boots on the ignition coil and replace the 1.1mm gap spark plugs with the new 0.9mm spark plugs.
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87	On vehicles produced during December 2008, January-February 2009, October 2009, March-April 2010 and September-December 2010, the #2 fuel injector line will be replaced. In addition, on all 4 fuel injector lines a vibration damper will be installed as a precautionary measure.&null;-All vehicles produced in other production
88	On vehicles produced during December 2008, January-February 2009, October 2009, March-April 2010 and September-December 2010, the #2 fuel injector line will be replaced. In addition, on all 4 fuel injector lines a vibration damper will be installed as a precautionary measure.&null;-All vehicles produced in other production
89	On vehicles produced during December 2008, January-February 2009, October 2009, March-April 2010 and September-December 2010, the #2 fuel injector line will be replaced. In addition, on all 4 fuel injector lines a vibration damper will be installed as a precautionary measure.&null;-All vehicles produced in other production
90	On vehicles produced during December 2008, January-February 2009, October 2009, March-April 2010 and September-December 2010, the #2 fuel injector line will be replaced. In addition, on all 4 fuel injector lines a vibration damper will be installed as a precautionary measure.&null;-All vehicles produced in other production
91	Vehicles will receive updated NOx module calibrations which slowly preheats the NOx sensor preventing migration of the exhaust condensate to the diffusion cell and evaporating condensation which may cause thermal shock. Vehicles will also receive updates to the Powertrain Control Module (PCM) and the Transmission Con
92	Vehicles will receive updated NOx module calibrations which slowly preheats the NOx sensor preventing migration of the exhaust condensate to the diffusion cell and evaporating condensation which may cause thermal shock. Vehicles will also receive updates to the Powertrain Control Module (PCM) and the Transmission Con
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95	Chrysler will perform a customer satisfaction notification (M33) updating the PCM software to initiate a purge monitor check at a higher idle speed.
96	BMW will correct the problem by flashing improved ECU software including activated primary oxygen sensor delay diagnostics on all affected MY11 and MY12 vehicles.
97	BMW will correct the problem by flashing improved ECU software including activated primary oxygen sensor delay diagnostics on all affected MY11 and MY12 vehicles.
98	Subaru voluntary Service Program WQC-39 repair will consist of ECM reprogramming of the thermostat software logic on affected 2011-2013 model year in-use vehicles.
99	Subaru voluntary Service Program WQC-39 repair will consist of ECM reprogramming of the thermostat software logic on affected 2011-2013 model year in-use vehicles.
100	Subaru voluntary Service Program WQC-39 repair will consist of ECM reprogramming of the thermostat software logic on affected 2011-2013 model year in-use vehicles.
101	Chrysler will perform a voluntary emissions recall (M30) to update the transmission control module software.
102	Reprogram the DCU software.
103	Reprogram the DCU software.
104	Reprogram the ECM software to avoid improper detection of malfunction by on-board diagnostic system.
105	Reprogram the ECM software to avoid improper detection of malfunction by on-board diagnostic system.
106	Reprogram the BCU software to have the burners work to heat-up catalyst at an altitude of 6800ft or higher.
107	Reprogram the BCU software to have the burners work to heat-up catalyst at an altitude of 6800ft or higher.
108	Install a corrugated tube on the DEF tube located above the DEF tank to contribute to prevent low temperature freezing.
109	Reprogram Engine Control Module (ECM).

	W
84	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
85	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
86	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
87	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
88	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
89	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
90	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
91	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
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93	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
94	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
95	Chrysler provides the US VIN list for the specific recall to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). Experian sends this information to Chrysler to be used for recall n
96	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
97	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
98	Subaru used R. L. Polk and our vehicle owner database records for newer model year vehicles. Owners were notified by first class mail starting on October 31, 2012. Subaru dealers received the enclosed Service Program Bulletin WQC-39 instructions electronically prior to the scheduled owner notification mailing.
99	Subaru used R. L. Polk and our vehicle owner database records for newer model year vehicles. Owners were notified by first class mail starting on October 31, 2012. Subaru dealers received the enclosed Service Program Bulletin WQC-39 instructions electronically prior to the scheduled owner notification mailing.
100	Subaru used R. L. Polk and our vehicle owner database records for newer model year vehicles. Owners were notified by first class mail starting on October 31, 2012. Subaru dealers received the enclosed Service Program Bulletin WQC-39 instructions electronically prior to the scheduled owner notification mailing.
101	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
102	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
103	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
104	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
105	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
106	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
107	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
108	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
109	RL Polk

	X
84	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
85	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
86	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
87	There are no maintenance or eligibility requirements.
88	There are no maintenance or eligibility requirements.
89	There are no maintenance or eligibility requirements.
90	There are no maintenance or eligibility requirements.
91	Eligibility for the program is not conditioned upon proper maintenance or use.
92	Eligibility for the program is not conditioned upon proper maintenance or use.
93	Eligibility for the program is not conditioned upon proper maintenance or use.
94	Eligibility for the program is not conditioned upon proper maintenance or use.
95	None.
96	Not applicable
97	Not applicable
98	None.
99	None.
100	None.
101	None.
102	Not applicable
103	Not applicable
104	Not applicable
105	Not applicable
106	Not applicable
107	Not applicable
108	No applicable
109	None required

	Y
84	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
85	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
86	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
87	Affected authorized Volkswagen dealers have received notification and detailed repair instructions on or about November 11, 2011. Enclosed are examples of Dealers Circular.
88	Affected authorized Volkswagen dealers have received notification and detailed repair instructions on or about November 11, 2011. Enclosed are examples of Dealers Circular.
89	Affected authorized Volkswagen dealers have received notification and detailed repair instructions on or about November 11, 2011. Enclosed are examples of Dealers Circular.
90	Affected authorized Volkswagen dealers have received notification and detailed repair instructions on or about November 11, 2011. Enclosed are examples of Dealers Circular.
91	See Owner Notification Letter.
92	See Owner Notification Letter.
93	See Owner Notification Letter.
94	See Owner Notification Letter.
95	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
96	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
97	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
98	Affected owners were requested by notification letter to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to complete this repair (reprogramming of the ECM software) is approximately thirty (30) minutes. Owners of 2011/201
99	Affected owners were requested by notification letter to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to complete this repair (reprogramming of the ECM software) is approximately thirty (30) minutes. Owners of 2011/201
100	Affected owners were requested by notification letter to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to complete this repair (reprogramming of the ECM software) is approximately thirty (30) minutes. Owners of 2011/201
101	The vehicle should be returned to the dealer, who will reprogram the TCM with the latest update. Owners may obtain the repair service any time after receipt of the notification.
102	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
103	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
104	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
105	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
106	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
107	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
108	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
109	Schedule an appointment after owner notification.

	Z
84	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
85	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
86	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
87	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
88	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
89	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
90	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
91	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
92	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
93	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
94	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
95	None.
96	Not applicable
97	Not applicable
98	None.
99	None.
100	None.
101	None.
102	There is no authorized warranty agents or persons other than dealers.
103	There is no authorized warranty agents or persons other than dealers.
104	There is no authorized warranty agents or persons other than dealers.
105	There is no authorized warranty agents or persons other than dealers.
106	There is no authorized warranty agents or persons other than dealers.
107	There is no authorized warranty agents or persons other than dealers.
108	There is no authorized warranty agents or persons other than dealers.
109	Only certified Nissan GTR dealers.

	AA
84	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
85	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
86	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
87	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to replace as needed, through the normal Volkswagen Group of America parts system.&null; &null;
88	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to replace as needed, through the normal Volkswagen Group of America parts system.&null; &null;
89	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to replace as needed, through the normal Volkswagen Group of America parts system.&null; &null;
90	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to replace as needed, through the normal Volkswagen Group of America parts system.&null; &null;
91	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
92	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
93	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
94	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
95	Chrysler will supply all dealers with a calibration reflash with the latest update.
96	New software is provided to all authorized BMW centers via our service network.
97	New software is provided to all authorized BMW centers via our service network.
98	The corrective repair consists of ECM software reprogramming.
99	The corrective repair consists of ECM software reprogramming.
100	The corrective repair consists of ECM software reprogramming.
101	Chrysler will supply all dealers with a calibration reflash with the latest update.
102	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
103	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
104	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
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106	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
107	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
108	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
109	None required.

	AB
84	
85	
86	
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90	
91	This VER corrects chassis certified vehicles included in EDIR 0012. The dynomometer certified vehicles included in EDIR 0012 will receive correction via VER1234 (Ford #12B34)
92	This VER corrects chassis certified vehicles included in EDIR 0012. The dynomometer certified vehicles included in EDIR 0012 will receive correction via VER1234 (Ford #12B34)
93	This VER corrects chassis certified vehicles included in EDIR 0012. The dynomometer certified vehicles included in EDIR 0012 will receive correction via VER1234 (Ford #12B34)
94	This VER corrects chassis certified vehicles included in EDIR 0012. The dynomometer certified vehicles included in EDIR 0012 will receive correction via VER1234 (Ford #12B34)
95	
96	If you have any further questions, please contact Mr. Stephen Sinkez of BMW North America at 201-571-5069.
97	If you have any further questions, please contact Mr. Stephen Sinkez of BMW North America at 201-571-5069.
98	Note: Subaru???s initial Service Program Bulletin WQC-39 provided to our dealers contained (1) VIN range errors and (2) affected 2013 model year vehicles owner notification originally planned for February 2013 will now start in early December 2012. The corrected/final WQC-39 bulletin will be submitted to Verify during the weel
99	Note: Subaru???s initial Service Program Bulletin WQC-39 provided to our dealers contained (1) VIN range errors and (2) affected 2013 model year vehicles owner notification originally planned for February 2013 will now start in early December 2012. The corrected/final WQC-39 bulletin will be submitted to Verify during the weel
100	Note: Subaru???s initial Service Program Bulletin WQC-39 provided to our dealers contained (1) VIN range errors and (2) affected 2013 model year vehicles owner notification originally planned for February 2013 will now start in early December 2012. The corrected/final WQC-39 bulletin will be submitted to Verify during the weel
101	
102	
103	
104	
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106	
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109	The owner notification letter is under development.

	AC	AD	AE
84	The proposed changes have no impact on fuel economy.		1221
85	The proposed changes have no impact on fuel economy.		1221
86	The proposed changes have no impact on fuel economy.		1221
87	Not applicable		1052
88	Not applicable		1052
89	Not applicable		1052
90	Not applicable		1052
91	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1241
92	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1241
93	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1242
94	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1242
95	None.		1543
96	This repair has no adverse impact on fuel economy.		1603
97	This repair has no adverse impact on fuel economy.		1603
98	None.		1623
99	None.		1623
100	None.		1623
101	None.		1563
102	No impact		1663
103	No impact		1663
104	No impact		1664
105	No impact		1664
106	No impact		1665
107	No impact		1665
108	No impact		1666
109	There will be no impact on fuel economy.		1583

	AF	AG	AH	AI
84		1	Y	N
85		1	Y	N
86		1	Y	N
87		2	Y	N
88		2	Y	N
89		2	Y	N
90		2	Y	N
91		2	Y	N
92		2	Y	N
93		2	Y	N
94		2	Y	N
95		2	Y	N
96		2	Y	N
97		2	Y	N
98		1	Y	N
99		1	Y	N
100		1	Y	N
101		2	Y	N
102	Blank "Test Group/Engine Family" area is deleted.	0	N	N
103	Blank "Test Group/Engine Family" area is deleted.	0	N	N
104	Blank "Test Group/Engine Family" area is deleted.	0	N	N
105	Blank "Test Group/Engine Family" area is deleted.	0	N	N
106	Blank "Test Group/Engine Family" area is deleted.	0	N	N
107	Blank "Test Group/Engine Family" area is deleted.	0	N	N
108	Blank "Test Group/Engine Family" area is deleted.	0	N	N
109		0	N	N

	AJ	AK	AL	AM
84	N	N	86023	The proposed changes have no impact on drivability.
85	N	N	86023	The proposed changes have no impact on drivability.
86	N	N	86023	The proposed changes have no impact on drivability.
87	N	N	78338	Not applicable
88	N	N	78338	Not applicable
89	N	N	78338	Not applicable
90	N	N	78338	Not applicable
91	N	N	86945	Ford Engineering judgment indicates that the correction action should not affect drivability.
92	N	N	86945	Ford Engineering judgment indicates that the correction action should not affect drivability.
93	N	N	86945	Ford Engineering judgment indicates that the correction action should not affect drivability.
94	N	N	86945	Ford Engineering judgment indicates that the correction action should not affect drivability.
95	N	N	96232	None
96	N	N	98837	This repair has no adverse impact on driveability.
97	N	N	98837	This repair has no adverse impact on driveability.
98	N	N	99629	None.
99	N	N	99629	None.
100	N	N	99629	None.
101	N	N	97095	None.
102	N	N	101590	No impact
103	N	N	101590	No impact
104	N	N	101587	No impact
105	N	N	101587	No impact
106	N	N	101591	No impact
107	N	N	101591	No impact
108	N	N	101585	No impact
109	N	N	97884	There will be no impact on drivability.

	AN	AO	AP	AQ	AR
84	The proposed changes have no impact safety.	N	867	1	1107
85	The proposed changes have no impact safety.	N	867	1	1107
86	The proposed changes have no impact safety.	N	867	1	1107
87	NHTSA Safety Recall	N	698	0	0004
88	NHTSA Safety Recall	N	698	0	0004
89	NHTSA Safety Recall	N	698	0	0004
90	NHTSA Safety Recall	N	698	0	0004
91	Ford Engineering judgment indicates that the correction action should not affect safety.	N	887	0	0012
92	Ford Engineering judgment indicates that the correction action should not affect safety.	N	887	0	0012
93	Ford Engineering judgment indicates that the correction action should not affect safety.	N	888	0	0012
94	Ford Engineering judgment indicates that the correction action should not affect safety.	N	888	0	0012
95	None.	N	1149	0	1214
96	This repair has no adverse impact on safety.	Y	1209	0	0017
97	This repair has no adverse impact on safety.	Y	1209	0	0017
98	None.	N	1229	0	1205
99	None.	N	1229	0	1205
100	None.	N	1229	0	1205
101	None.	N	1169	0	1205,1109
102	No impact	N	1269	1	0004
103	No impact	N	1269	1	0004
104	No impact	N	1270	1	0003
105	No impact	N	1270	1	0003
106	No impact	N	1271	1	0005
107	No impact	N	1271	1	0005
108	No impact	N	1272	1	0001
109	There will be no impact on safety.	N	1189	0	0027

	AS	AT	AU
84	Y		1
85	Y		1
86	Y		1
87	Y	11/11/2011	1
88	Y	11/11/2011	1
89	Y	11/11/2011	1
90	Y	11/11/2011	1
91	Y		1
92	Y		1
93	Y		1
94	Y		1
95	Y	10/8/2012	1
96	N		1
97	N		1
98	Y	12/17/2012	1
99	Y	12/17/2012	1
100	Y	12/17/2012	1
101	Y	10/20/2012	1
102	N		1
103	N		1
104	N		1
105	N		1
106	N		1
107	N		1
108	N		1
109	N	12/4/2012	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
110	3827	11/19/2012	2011	ADX	AD-2012-11-19-1	Light-Duty Vehicles and Trucks	1990	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
111	3827	11/19/2012	2012	ADX	AD-2012-11-19-1	Light-Duty Vehicles and Trucks	1990	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
112	3869	12/6/2012	2011	HMX	FD40-11044	Heavy-Duty Highway Gas and Diesel Engines	3192	N					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
113	3919	12/17/2012	2013	GMX	1213	Light-Duty Vehicles and Trucks	57428	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
114	3589	9/27/2012	2011	BMX	11E-A04	Light-Duty Vehicles and Trucks	220	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
115	3590	9/27/2012	2013	BMX	12E-A02	Light-Duty Vehicles and Trucks	288	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
116	3597	9/25/2012	2010	TYX	Toyota-VERR-20120925	Light-Duty Vehicles and Trucks	225300	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
117	3597	9/25/2012	2009	TYX	Toyota-VERR-20120925	Light-Duty Vehicles and Trucks	225300	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
118	3597	9/25/2012	2008	TYX	Toyota-VERR-20120925	Light-Duty Vehicles and Trucks	225300	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
119	3597	9/25/2012	2007	TYX	Toyota-VERR-20120925	Light-Duty Vehicles and Trucks	225300	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
120	3597	9/25/2012	2006	TYX	Toyota-VERR-20120925	Light-Duty Vehicles and Trucks	225300	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
121	5780	5/8/2013	2012	HMX	A8410	Heavy-Duty Highway Gas and Diesel Engines	5591	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
122	6000	5/29/2013	2014	HNX	PUDR-13-009 (S94)	Light-Duty Vehicles and Trucks	75	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418
123	6020	5/21/2013	2013	TYX	Toyota-VERR-20130521	Light-Duty Vehicles and Trucks	122200	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
124	6020	5/21/2013	2012	TYX	Toyota-VERR-20130521	Light-Duty Vehicles and Trucks	122200	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
125	4560	2/27/2013	2013	FMX	12E06	Light-Duty Vehicles and Trucks	29924	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404
126	5420	10/28/2011	2010	HMX	A7600	Heavy-Duty Highway Gas and Diesel Engines	2672	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
127	5440	4/18/2013	2013	GMX	1215	Light-Duty Vehicles and Trucks	39738	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
128	6040	5/30/2013	2007	LTX	2012/02R	Light-Duty Vehicles and Trucks	5476	Y					Mr Ian G Cawdron	icawdron@lotuscars.com	011 44 1953 608297
129	6040	5/30/2013	2006	LTX	2012/02R	Light-Duty Vehicles and Trucks	5476	Y					Mr Ian G Cawdron	icawdron@lotuscars.com	011 44 1953 608297

	P	Q	R	S	T
110	n/a	Monitoring/Measuring Sensor/System	7/31/2012	2012	4
111	n/a	Monitoring/Measuring Sensor/System	7/31/2012	2012	4
112		Exhaust Gas Recirculation (EGR) System	11/21/2011	2011	2
113		Electrical, Mechanical and Cooling Systems	1/3/2013	2013	1213
114	stephen.sinkez@bmwna.com	Emission Control Information Label	9/7/2012	2012	11
115	stephen.sinkez@bmwna.com	Emission Control Information Label	9/7/2012	2012	21
116	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	9/11/2012	2012	1
117	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	9/11/2012	2012	1
118	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	9/11/2012	2012	1
119	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	9/11/2012	2012	1
120	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	9/11/2012	2012	1
121		Selective Catalytic Reduction System	4/30/2013	2013	7
122		Hybrid Vehicle Component/System	5/21/2013	2013	4
123	tom.beierschmitt@tema.toyota.com	Air Inlet/Intake System	5/6/2013	2013	1
124	tom.beierschmitt@tema.toyota.com	Air Inlet/Intake System	5/6/2013	2013	1
125		On-Board Diagnostic (OBD) System	2/20/2013	2013	1206
126		Selective Catalytic Reduction System	4/25/2013	2013	1
127		Emission Control Information Label	5/3/2013	2013	1215
128		Computer Related (Other than OBD)	1/9/2013	2013	1301
129		Computer Related (Other than OBD)	1/9/2013	2013	1301

	U
110	MIL can be activated and DTCs are stored in the ECM. Ghost misfires are detected in a certain engine speed range (bank 2 only). If the MIL is on because of this issue, the vehicle may not pass an IM (emissions) inspection. Part numbers involved: Production Software / Level: 420 910 552 K / 0020 420 910 552 Q / 0010 420 910 560 P / 0010 New Software / Level: 424 910 552 G & 420 907 552 B / 0010 424 910 552 H & 420 907 552 B / 0010 420 910 560 T & 420 907 560 C / 0010
111	MIL can be activated and DTCs are stored in the ECM. Ghost misfires are detected in a certain engine speed range (bank 2 only). If the MIL is on because of this issue, the vehicle may not pass an IM (emissions) inspection. Part numbers involved: Production Software / Level: 420 910 552 K / 0020 420 910 552 Q / 0010 420 910 560 P / 0010 New Software / Level: 424 910 552 G & 420 907 552 B / 0010 424 910 552 H & 420 907 552 B / 0010 420 910 560 T & 420 907 560 C / 0010
112	When operated at temperatures at or below -17 degrees Celsius or -1.4 degrees Fahrenheit, the EGR valve can freeze causing a control error, which may turn on the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle.
113	On certain 2013 Malibus, built prior to November 12, 2012, the electrical wiring to the two knock sensors are reversed.
114	EDIR-0B-S65-0011: Due to a logistic failure the MY2012 Vehicle Emission Control Information (VECI) Label was inadvertently affixed to 220 MY2011 M3 models produced between 31st August and 28th October 2011 instead of the correct MY2011 VECI Label.
115	EDIR-0D-N55-002: Due to a logistic failure the MY2013 Vehicle Emission Control Information (VECI) Label was not applied to 288 vehicles (models X5 xDrive 35i and X6 xDrive 35i) produced between 03rd March and 30th March 2012.
116	This CSP is to extend the warranty coverage on the piston, piston ring, valve spring and valve lash adjuster for certain 2006 model year Lexus GS300, 2006 to 2010 model year Lexus IS250 and 2010 model year Lexus IS250C vehicles. It is possible that under certain driving conditions these vehicles may exhibit an intermittent roug
117	This CSP is to extend the warranty coverage on the piston, piston ring, valve spring and valve lash adjuster for certain 2006 model year Lexus GS300, 2006 to 2010 model year Lexus IS250 and 2010 model year Lexus IS250C vehicles. It is possible that under certain driving conditions these vehicles may exhibit an intermittent roug
118	This CSP is to extend the warranty coverage on the piston, piston ring, valve spring and valve lash adjuster for certain 2006 model year Lexus GS300, 2006 to 2010 model year Lexus IS250 and 2010 model year Lexus IS250C vehicles. It is possible that under certain driving conditions these vehicles may exhibit an intermittent roug
119	This CSP is to extend the warranty coverage on the piston, piston ring, valve spring and valve lash adjuster for certain 2006 model year Lexus GS300, 2006 to 2010 model year Lexus IS250 and 2010 model year Lexus IS250C vehicles. It is possible that under certain driving conditions these vehicles may exhibit an intermittent roug
120	This CSP is to extend the warranty coverage on the piston, piston ring, valve spring and valve lash adjuster for certain 2006 model year Lexus GS300, 2006 to 2010 model year Lexus IS250 and 2010 model year Lexus IS250C vehicles. It is possible that under certain driving conditions these vehicles may exhibit an intermittent roug
121	When engine is stopped while the temperature of the muffler is still high, DEF injector occasionally becomes stuck due to urea crystallized inside DEF injector, which may cause the MIL in the instrument cluster of the vehicle to turn ¿ON¿. Also, Defrosting of urea in SCR urea piping may not be perfect when the ambient temperatur
122	When PCU Coolant Water Temperature Sensor fails, the battery limit mode unnecessarily forces engine to run during what would have been EV mode.
123	Toyota will initiate a LSC to extend the warranty coverage on certain 2012- 2013MY Tundra and Sequoia vehicles including flexible fuel vehicles (FFV) to May 31, 2016. For the vehicles covered by the LSC, the Engine Control Module (ECM) calibration may cause an emissions control component called an Air Injection Pump to malfu
124	Toyota will initiate a LSC to extend the warranty coverage on certain 2012- 2013MY Tundra and Sequoia vehicles including flexible fuel vehicles (FFV) to May 31, 2016. For the vehicles covered by the LSC, the Engine Control Module (ECM) calibration may cause an emissions control component called an Air Injection Pump to malfu
125	Some 2013 Mustang Vehicles with 3.7L engines may have an Electronic Throttle Control (ETC) Failure Mode Effects Management (FMEM) system strategy that, when activated, may disrupt On-Board Diagnostic (OBD) function.
126	During extreme below freezing ambient temperatures, the Diesel Exhaust Fluid (DEF) may begin to freeze in the supply or return line coming from the DEF Tank. This situation may result in illumination of the Malfunction Indicator Lamp (MIL) and reduced engine power output
127	Certain 2013 Chevrolet Sonics equipped with 1.4 or 1.8L engines were built with Vehicle Emission Control Information Labels that incorrectly indicate the vehicles conform to "2013 FFV" regulations. They should indicate the vehicles conform to "2013" regulations. The labels also incorrectly identify the fuel usage to be "gasoline,
128	The electronically stored VIN (Vehicle Identification Number) may be erased during re-programming of the vehicles ECM (Engine Control Module). This can occur on any USA market 2005 to 2007 model year (inclusive) Lotus Elise or Exige vehicle. The absence of the electronically stored VIN could, at a later date, affect Inspection and Maintenance (I&M) testing if current I&M procedures alter and affected vehicles are mandatorily required to correctly report VIN identification from the ECM.
129	The electronically stored VIN (Vehicle Identification Number) may be erased during re-programming of the vehicles ECM (Engine Control Module). This can occur on any USA market 2005 to 2007 model year (inclusive) Lotus Elise or Exige vehicle. The absence of the electronically stored VIN could, at a later date, affect Inspection and Maintenance (I&M) testing if current I&M procedures alter and affected vehicles are mandatorily required to correctly report VIN identification from the ECM.

	V
110	Volkswagen Group of America, Inc. initiated a Customer Satisfaction campaign with Customer Notification to upgrade ECM software levels on the affected vehicles, and as applicable, installation of engine wiring harness overlay.
111	Volkswagen Group of America, Inc. initiated a Customer Satisfaction campaign with Customer Notification to upgrade ECM software levels on the affected vehicles, and as applicable, installation of engine wiring harness overlay.
112	Install insulators on the EGR pipe to contribute to prevent the EGR valve from freezing in low temperatures.
113	General Motors will conduct a Voluntary Emission Recall, to correct the knock sensor wiring on all affected vehicles. It is anticipated that most affected vehicles will be corrected at the dealerships, prior to sale to the ultimate purchaser.
114	BMW will conduct a voluntary emissions recall to replace the incorrect VECI Label on the 220 affected vehicles.
115	BMW will conduct a voluntary emissions recall to apply the missing MY2013 VECI Label on the 288 affected vehicles.
116	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for MIL illumination resultant from engine misfire and/or an intermittent rough idle.
117	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for MIL illumination resultant from engine misfire and/or an intermittent rough idle.
118	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for MIL illumination resultant from engine misfire and/or an intermittent rough idle.
119	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for MIL illumination resultant from engine misfire and/or an intermittent rough idle.
120	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for MIL illumination resultant from engine misfire and/or an intermittent rough idle.
121	DCU software program improve SCR (Selective Catalytic Reduction) system operation
122	The MCM will be updated with a correct programming by a Honda dealership.
123	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for MIL illumination and/or reflash of the ECM to preclude malfunction of the Air Injection Pump.
124	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for MIL illumination and/or reflash of the ECM to preclude malfunction of the Air Injection Pump.
125	Affected vehicles will be updated with a calibration including an ETC FMEM strategy that does not disrupt OBD function.
126	Install a corrugated tube on the DEF line located above the DEF tank to contribute to prevent low temperature freezing.
127	Corrected labels will be produced, which indicate the vehicles conform to "2013" regulations and that the fuel usage is "gasoline". Since a new label can be easily installed, and to reduce customer inconvenience, corrected labels will be sent with installation instructions directly to customers of record. However, if the customer
128	Owner???s have been advised to contact their Lotus Dealer to arrange to have the necessary reprogramming of their vehicles ECM carried out. This will ensure that the vehicles VIN will be permanently stored within the ECM.
129	Owner???s have been advised to contact their Lotus Dealer to arrange to have the necessary reprogramming of their vehicles ECM carried out. This will ensure that the vehicles VIN will be permanently stored within the ECM.

	W
110	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
111	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
112	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
113	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
114	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
115	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
116	Lexus Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses. Lexus began sending the notification letters for this Customer Support Program (CSP) to all known owners by first class mail beginning on September 11, 2012.
117	Lexus Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses. Lexus began sending the notification letters for this Customer Support Program (CSP) to all known owners by first class mail beginning on September 11, 2012.
118	Lexus Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses. Lexus began sending the notification letters for this Customer Support Program (CSP) to all known owners by first class mail beginning on September 11, 2012.
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120	Lexus Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses. Lexus began sending the notification letters for this Customer Support Program (CSP) to all known owners by first class mail beginning on September 11, 2012.
121	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
122	American Honda will use its new vehicle purchase records.
123	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses. Toyota began sending the notification letters for this LSC to all known owners by first class mail beginning on May 06, 2013.
124	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses. Toyota began sending the notification letters for this LSC to all known owners by first class mail beginning on May 06, 2013.
125	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
126	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
127	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
128	Lotus has an ongoing safety recall campaign (NHTSA ref: 11V-510) affecting similar vehicles. The same owners list was used for this campaign. It is currently planned to run these in parallel to improve the ???hit-rate??? and minimise customer inconvenience.
129	Lotus has an ongoing safety recall campaign (NHTSA ref: 11V-510) affecting similar vehicles. The same owners list was used for this campaign. It is currently planned to run these in parallel to improve the ???hit-rate??? and minimise customer inconvenience.

	X
110	There are no maintenance or eligibility requirements.
111	There are no maintenance or eligibility requirements.
112	Not applicable
113	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
114	Not applicable
115	Not applicable
116	No special conditions are required for eligibility of repair under this CSP. Customers who have previously paid to repair their vehicle for the affected diagnostic codes and/or rough idle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, pro
117	No special conditions are required for eligibility of repair under this CSP. Customers who have previously paid to repair their vehicle for the affected diagnostic codes and/or rough idle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, pro
118	No special conditions are required for eligibility of repair under this CSP. Customers who have previously paid to repair their vehicle for the affected diagnostic codes and/or rough idle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, pro
119	No special conditions are required for eligibility of repair under this CSP. Customers who have previously paid to repair their vehicle for the affected diagnostic codes and/or rough idle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, pro
120	No special conditions are required for eligibility of repair under this CSP. Customers who have previously paid to repair their vehicle for the affected diagnostic codes and/or rough idle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, pro
121	No applicable
122	No pre-conditions exist. Repair will be made free-of-charge.
123	No special conditions are required for eligibility of repair under this LSC. Customers who have previously paid to repair their vehicle for the affected diagnostic codes and/or rough idle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, pro
124	No special conditions are required for eligibility of repair under this LSC. Customers who have previously paid to repair their vehicle for the affected diagnostic codes and/or rough idle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, pro
125	Eligibility for this program is not conditioned upon proper maintenance or use
126	No applicable
127	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
128	All Test Groups listed are affected
129	All Test Groups listed are affected

	Y
110	All authorized Audi dealers have been notified of this campaign, and owners of affected vehicles were mailed a final notification letter that includes all needed information regarding this issue..
111	All authorized Audi dealers have been notified of this campaign, and owners of affected vehicles were mailed a final notification letter that includes all needed information regarding this issue..
112	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
113	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
114	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
115	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
116	The notification letter includes a recommendation that the owners place the letter in their Owner???s Warranty Information booklet and if this condition should occur that they should contact any Lexus dealer and make arrangements for diagnosis and, if applicable, repair.
117	The notification letter includes a recommendation that the owners place the letter in their Owner???s Warranty Information booklet and if this condition should occur that they should contact any Lexus dealer and make arrangements for diagnosis and, if applicable, repair.
118	The notification letter includes a recommendation that the owners place the letter in their Owner???s Warranty Information booklet and if this condition should occur that they should contact any Lexus dealer and make arrangements for diagnosis and, if applicable, repair.
119	The notification letter includes a recommendation that the owners place the letter in their Owner???s Warranty Information booklet and if this condition should occur that they should contact any Lexus dealer and make arrangements for diagnosis and, if applicable, repair.
120	The notification letter includes a recommendation that the owners place the letter in their Owner???s Warranty Information booklet and if this condition should occur that they should contact any Lexus dealer and make arrangements for diagnosis and, if applicable, repair.
121	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
122	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
123	The notification letter includes a recommendation that the owners place the letter in their Owner???s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.The State of California requires the completion of Limited
124	The notification letter includes a recommendation that the owners place the letter in their Owner???s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.The State of California requires the completion of Limited
125	See Owner Notification Letter.
126	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
127	An owner notification letter with a correct label will be sent to all customers of record. The letter will provide easy instructions to the owner on how to affix the label. The owner will be given the option of having a dealer affix the label at no charge. Since the new label can be easily installed, and doing so will reduce customer inc
128	Owners have been advised to contact their dealer to effect repair.
129	Owners have been advised to contact their dealer to effect repair.

	Z
110	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
111	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
112	There is no authorized warranty agents or persons other than dealers.
113	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
114	Not applicable
115	Not applicable
116	None. The repair will be performed at Lexus dealerships only, and it will take approximately 4 days for repair. However, this period may be longer depending upon dealers work schedule.
117	None. The repair will be performed at Lexus dealerships only, and it will take approximately 4 days for repair. However, this period may be longer depending upon dealers work schedule.
118	None. The repair will be performed at Lexus dealerships only, and it will take approximately 4 days for repair. However, this period may be longer depending upon dealers work schedule.
119	None. The repair will be performed at Lexus dealerships only, and it will take approximately 4 days for repair. However, this period may be longer depending upon dealers work schedule.
120	None. The repair will be performed at Lexus dealerships only, and it will take approximately 4 days for repair. However, this period may be longer depending upon dealers work schedule.
121	There is no authorized warranty agents or persons other than dealers.
122	Work can only be performed by an authorized Honda dealership.
123	None. The repair will be performed at Toyota dealerships only, and it will take approximately 15 minutes to two hours if the Air pump needs to be replaced. However, this period may be longer depending upon dealers work schedule.
124	None. The repair will be performed at Toyota dealerships only, and it will take approximately 15 minutes to two hours if the Air pump needs to be replaced. However, this period may be longer depending upon dealers work schedule.
125	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
126	There is no authorized warranty agents or persons other than dealers.
127	Only GM dealers and in-shop fleet warranty accounts are authorized to install a correct label, if the customer chooses not to install the label.
128	None
129	None

	AA
110	Affected authorized Audi dealers have been supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system. Parts allocation is not required regarding software update.
111	Affected authorized Audi dealers have been supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system. Parts allocation is not required regarding software update.
112	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
113	There are no service parts involved in this campaign.
114	New VECI labels are provided to all authorized BMW centers via our service network.
115	New VECI labels are provided to all authorized BMW centers via our service network.
116	There is sufficient inventory of the replacement parts to accommodate this CSP.
117	There is sufficient inventory of the replacement parts to accommodate this CSP.
118	There is sufficient inventory of the replacement parts to accommodate this CSP.
119	There is sufficient inventory of the replacement parts to accommodate this CSP.
120	There is sufficient inventory of the replacement parts to accommodate this CSP.
121	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
122	Software update, no parts required.
123	There is sufficient inventory of the replacement parts to accommodate this LSC.
124	There is sufficient inventory of the replacement parts to accommodate this LSC.
125	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
126	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
127	A correct label will be sent to all customers of record with the owner notification letter. Dealers can also obtain correct labels, if necessary, through General Motors Customer Care and Aftersales (GMCC&A) service organization. GMCC&A has computer managed label production equipment, such that no stock of labels
128	Parts are ordered by dealers through Lotus Cars USA
129	Parts are ordered by dealers through Lotus Cars USA

	AB
110	Forwarding Letter - CBI
111	Forwarding Letter - CBI
112	
113	
114	If you have any further questions, please contact Mr. Stephen Sinkez of BMW North America at 201-571-5069.
115	If you have any further questions, please contact Mr. Stephen Sinkez of BMW North America at 201-571-5069.
116	Toyota-VERR-20120925 letter which contains owner notification, dealer notification, repair procedures and TSB L-SB-0068-11 and L-SB-069-11.
117	Toyota-VERR-20120925 letter which contains owner notification, dealer notification, repair procedures and TSB L-SB-0068-11 and L-SB-069-11.
118	Toyota-VERR-20120925 letter which contains owner notification, dealer notification, repair procedures and TSB L-SB-0068-11 and L-SB-069-11.
119	Toyota-VERR-20120925 letter which contains owner notification, dealer notification, repair procedures and TSB L-SB-0068-11 and L-SB-069-11.
120	Toyota-VERR-20120925 letter which contains owner notification, dealer notification, repair procedures and TSB L-SB-0068-11 and L-SB-069-11.
121	Hino submits a EDIR Version 2 CBI_HMX_DRE_0007_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
122	Attachments:Honda Product Update TBS 13-039 issued May 23, 2013Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for subm
123	Toyota-VERR-20130521 letter which contains owner notification, dealer notification and repair procedures.
124	Toyota-VERR-20130521 letter which contains owner notification, dealer notification and repair procedures.
125	
126	Hino submits a EDIR Version 2 #CBI_HMX_DRE_0001_BD_R02 at 4.18.2013. Although, the number did not reach the requirement for the initiation of recalls under the relevant federal laws, Hino will start voluntary recalls to prevent the occurrence of further troubles.
127	
128	
129	

	AC	AD	AE
110	Not applicable		1643
111	Not applicable		1643
112	No impact		1667
113	The proposed changes have no impact on fuel economy.		1683
114	This repair has no adverse impact on fuel economy.		1522
115	This repair has no adverse impact on fuel economy.		1523
116	This repair will not affect fuel economy.		1542
117	This repair will not affect fuel economy.		1542
118	This repair will not affect fuel economy.		1542
119	This repair will not affect fuel economy.		1542
120	This repair will not affect fuel economy.		1542
121	No impact		2103
122	The repair will restore normal EV only mode operation.		2143
123	This repair will not affect fuel economy.		2163
124	This repair will not affect fuel economy.		2163
125	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		1783
126	No impact		1963
127	There is no impact on fuel economy. General Motors does not anticipate that the incorrect label would lead an owner to misfuel a vehicle with E85 because the vehicle does not have an E85 gas cap or an E85 label at the fuel fill inlet.		1983
128	None		2183
129	None		2183

	AF	AG	AH	AI
110		4	Y	Y
111		4	Y	Y
112	Blank "Test Group/Engine Family" area is deleted.	0	N	N
113		1	Y	N
114		2	Y	N
115		2	Y	N
116		1	Y	Y
117		1	Y	Y
118		1	Y	Y
119		1	Y	Y
120		1	Y	Y
121	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
122		1	N	N
123		1	Y	Y
124		1	Y	Y
125		2	Y	N
126	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
127		1	Y	N
128		2	Y	N
129		2	Y	N

	AJ	AK	AL	AM
110	N	Y	100329	Not applicable
111	N	Y	100329	Not applicable
112	N	N	101586	No impact
113	N	N	102895	The proposed changes have no impact on driveability.
114	N	N	95278	This repair has no adverse impact on driveability.
115	N	N	95337	This repair has no adverse impact on driveability.
116	N	N	95624	This repair will not affect driveability.
117	N	N	95624	This repair will not affect driveability.
118	N	N	95624	This repair will not affect driveability.
119	N	N	95624	This repair will not affect driveability.
120	N	N	95624	This repair will not affect driveability.
121	N	Y	113809	No impact
122	N	N	115374	The repair will restore normal EV only mode operation.
123	N	N	115390	This repair will not affect driveability.
124	N	N	115390	This repair will not affect driveability.
125	N	N	108640	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
126	N	Y	112168	No impact
127	N	N	112235	There is no impact on drivability. General Motors does not anticipate that the incorrect label would lead an owner to misfuel a vehicle with E85 because the vehicle does not have an E85 gas cap or an E85 label at the fuel fill inlet.
128	N	N	115484	None
129	N	N	115484	None

	AN	AO	AP	AQ	AR
110	Not applicable	N	1249	0	0026
111	Not applicable	N	1249	0	0026
112	No impact	N	1273	1	0002
113	The proposed changes have no impact safety.	N	1289	1	1213
114	This repair has no adverse impact on safety.	Y	1128	1	0011
115	This repair has no adverse impact on safety.	Y	1129	1	0021
116	This repair will not affect safety.	Y	1148	0	0005
117	This repair will not affect safety.	Y	1148	0	0005
118	This repair will not affect safety.	Y	1148	0	0005
119	This repair will not affect safety.	Y	1148	0	0005
120	This repair will not affect safety.	Y	1148	0	0005
121	No impact	N	1709	0	0007
122	None.	Y	1749	0	0027
123	This repair will not affect safety .	N	1769	0	0001
124	This repair will not affect safety .	N	1769	0	0001
125	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1389	0	1207
126	No impact	N	1569	3	0001
127	There is no impact on safety.	N	1589	1	1215
128	None	Y	1789	1	1301
129	None	Y	1789	1	1301

	AS	AT	AU
110	Y	11/20/2012	1
111	Y	11/20/2012	1
112	N		1
113	Y		1
114	N		1
115	N		1
116	Y	1/1/2013	1
117	Y	1/1/2013	1
118	Y	1/1/2013	1
119	Y	1/1/2013	1
120	Y	1/1/2013	1
121	N		1
122	N	5/31/2013	1
123	Y	6/14/2013	1
124	Y	6/14/2013	1
125	Y		1
126	N		1
127	Y		1
128	N	1/10/2013	1
129	N	1/10/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
130	6040	5/30/2013	2005	LTX	2012/02R	Light-Duty Vehicles and Trucks	5476	Y					Mr Ian G Cawdron	icawdron@lotuscars.com	011 44 1953 608297
131	6222	6/7/2013	2012	NVX	062913	Heavy-Duty Highway Gas and Diesel Engines	4275	N					Nelson Borja	nelson.borja@navistar.com	3313321764
132	6222	6/7/2013	2011	NVX	062913	Heavy-Duty Highway Gas and Diesel Engines	4275	N					Nelson Borja	nelson.borja@navistar.com	3313321764
133	6222	6/7/2013	2010	NVX	062913	Heavy-Duty Highway Gas and Diesel Engines	4275	N					Nelson Borja	nelson.borja@navistar.com	3313321764
134	6240	6/6/2013	2012	ADX	AD-0005	Light-Duty Vehicles and Trucks	26325	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
135	6240	6/6/2013	2011	ADX	AD-0005	Light-Duty Vehicles and Trucks	26325	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
136	6240	6/6/2013	2010	ADX	AD-0005	Light-Duty Vehicles and Trucks	26325	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
137	6240	6/6/2013	2009	ADX	AD-0005	Light-Duty Vehicles and Trucks	26325	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
138	6480	7/2/2013	2013	TYX	Toyota-VERR-20130703	Light-Duty Vehicles and Trucks	88	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
139	6640	7/23/2013	2013	CRX	N32	Light-Duty Vehicles and Trucks	12907	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
140	4340	2/11/2013	2013	NSX	FOI_NSX_VER_0013_BD_	Light-Duty Vehicles and Trucks	9	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
141	4360	2/13/2013	2009	BMX	12E-W01	Light-Duty Vehicles and Trucks	15961	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
142	4420	2/18/2013	2013	CRX	M38	Light-Duty Vehicles and Trucks	436947	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
143	4420	2/18/2013	2012	CRX	M38	Light-Duty Vehicles and Trucks	436947	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
144	4420	2/18/2013	2011	CRX	M38	Light-Duty Vehicles and Trucks	436947	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
145	4640	2/28/2013	2012	VWX	VW-0003	Light-Duty Vehicles and Trucks	201308	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
146	4640	2/28/2013	2011	VWX	VW-0003	Light-Duty Vehicles and Trucks	201308	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203

	P	Q	R	S	T
130		Computer Related (Other than OBD)	1/9/2013	2013	1301
131	nelson.borja@navistar.com	Computer Related (Other than OBD)	5/28/2013	2013	1
132	nelson.borja@navistar.com	Computer Related (Other than OBD)	5/28/2013	2013	1
133	nelson.borja@navistar.com	Computer Related (Other than OBD)	5/28/2013	2013	1
134	n/a	Monitoring/Measuring Sensor/System	7/1/2013	2013	5
135	n/a	Monitoring/Measuring Sensor/System	7/1/2013	2013	5
136	n/a	Monitoring/Measuring Sensor/System	7/1/2013	2013	5
137	n/a	Monitoring/Measuring Sensor/System	7/1/2013	2013	5
138	tom.beierschmitt@tema.toyota.com	Evaporative Emissions Systems	6/28/2013	2013	2
139	krf2@chrysler.com	Computer Related (Other than OBD)	7/19/2013	2013	1332
140		Emission Control Information Label	3/11/2013	2013	13
141	stephen.sinkez@bmwna.com	Evaporative Emissions Systems	12/28/2012	2012	14
142	dwr1@chrysler.com	Computer Related (Other than OBD)	2/8/2013	2013	1238
143	dwr1@chrysler.com	Computer Related (Other than OBD)	2/8/2013	2013	1238
144	dwr1@chrysler.com	Computer Related (Other than OBD)	2/8/2013	2013	1238
145	n/a	Exhaust Gas Recirculation (EGR) System	3/1/2013	2013	3
146	n/a	Exhaust Gas Recirculation (EGR) System	3/1/2013	2013	3

	U
130	The electronically stored VIN (Vehicle Identification Number) may be erased during re-programming of the vehicles ECM (Engine Control Module). This can occur on any USA market 2005 to 2007 model year (inclusive) Lotus Elise or Exige vehicle. The absence of the electronically stored VIN could, at a later date, affect Inspection and Maintenance (I&M) testing if current I&M procedures alter and affected vehicles are mandatorily required to correctly report VIN identification from the ECM.
131	Certain 2010, 2011, and 2012 MY MaxxForce 11 engines do not meet emission requirements.
132	Certain 2010, 2011, and 2012 MY MaxxForce 11 engines do not meet emission requirements.
133	Certain 2010, 2011, and 2012 MY MaxxForce 11 engines do not meet emission requirements.
134	Part numbers involved: Improved Exhaust Differential Pressure Sensor: 059 906 051 AImproved Software Part Numbers: MY 2009 - MY 20124L0 910 401 Q0100 & 7L0 907 401 K 0100 4L0 910 401 G 0100 & 7L0 907 401 T0090 4L2 910 401 0004 & 7P0 907 401 J 0004 4L2.910.401 0005 & 7P0 907 401 J 0005 ECM
135	Part numbers involved: Improved Exhaust Differential Pressure Sensor: 059 906 051 AImproved Software Part Numbers: MY 2009 - MY 20124L0 910 401 Q0100 & 7L0 907 401 K 0100 4L0 910 401 G 0100 & 7L0 907 401 T0090 4L2 910 401 0004 & 7P0 907 401 J 0004 4L2.910.401 0005 & 7P0 907 401 J 0005 ECM
136	Part numbers involved: Improved Exhaust Differential Pressure Sensor: 059 906 051 AImproved Software Part Numbers: MY 2009 - MY 20124L0 910 401 Q0100 & 7L0 907 401 K 0100 4L0 910 401 G 0100 & 7L0 907 401 T0090 4L2 910 401 0004 & 7P0 907 401 J 0004 4L2.910.401 0005 & 7P0 907 401 J 0005 ECM
137	Part numbers involved: Improved Exhaust Differential Pressure Sensor: 059 906 051 AImproved Software Part Numbers: MY 2009 - MY 20124L0 910 401 Q0100 & 7L0 907 401 K 0100 4L0 910 401 G 0100 & 7L0 907 401 T0090 4L2 910 401 0004 & 7P0 907 401 J 0004 4L2.910.401 0005 & 7P0 907 401 J 0005 ECM
138	Toyota initiated a SSC to replace the fuel cap on certain Lexus 2013MY LS600hL vehicles. Due to an assembly error, an incorrect fuel cap was installed on the affected vehicles. This condition may cause an increase in evaporative emissions that exceed existing applicable standards.
139	Some 2013 Dodge Dart vehicles equipped with a 1.4L MultiAir turbo engine and dual dry clutch transmission may experience an engine stall when the ambient temperature is approximately 20 degrees F or colder.
140	Off-line hood latch rework has resulted in nine 2013MY Sentra vehicles that may contain incorrect or missing underhood labels, including the Emission Control Information label.
141	The affected part number 16137193479 relates to the leak diagnostic pump. In about 82% of all cases a malfunction of the leak diagnostic pump (e.g. electrical defect: short to ground) was the reason for replacement. However, in about 18% the leak diagnostic pump was changed unnecessarily in the field (e.g. due to leakages detected by the leak diagnostic pump).
142	Minivans with 3.6L engines, built between the beginning of the 2011 model year and early 2013 model year, may have one of two problems, as follows: All 2011MY and 2012MY vehicles built through January 31, 2012 have a shift quality issue that causes harsh 1-3 upshifts in the Fuel Economy (ECO) mode. A change was made in production (on January 31, 2012) to improve the shift quality and shift schedule, but caused a second issue. Vehicles built from January 31, 2012 through September 25, 2012 may have an error in the transmission torque management software that causes approximately 33% of the upshifts that should use torque management to skip torque management and apply more pressure to the clutch than intended. (In other words, not all upshifts use torque management, but the error affects approximately 33% of those that do.) Vehicles with this software pass all durability testing, but at a lower margin of safety.
143	Minivans with 3.6L engines, built between the beginning of the 2011 model year and early 2013 model year, may have one of two problems, as follows: All 2011MY and 2012MY vehicles built through January 31, 2012 have a shift quality issue that causes harsh 1-3 upshifts in the Fuel Economy (ECO) mode. A change was made in production (on January 31, 2012) to improve the shift quality and shift schedule, but caused a second issue. Vehicles built from January 31, 2012 through September 25, 2012 may have an error in the transmission torque management software that causes approximately 33% of the upshifts that should use torque management to skip torque management and apply more pressure to the clutch than intended. (In other words, not all upshifts use torque management, but the error affects approximately 33% of those that do.) Vehicles with this software pass all durability testing, but at a lower margin of safety.
144	Minivans with 3.6L engines, built between the beginning of the 2011 model year and early 2013 model year, may have one of two problems, as follows: All 2011MY and 2012MY vehicles built through January 31, 2012 have a shift quality issue that causes harsh 1-3 upshifts in the Fuel Economy (ECO) mode. A change was made in production (on January 31, 2012) to improve the shift quality and shift schedule, but caused a second issue. Vehicles built from January 31, 2012 through September 25, 2012 may have an error in the transmission torque management software that causes approximately 33% of the upshifts that should use torque management to skip torque management and apply more pressure to the clutch than intended. (In other words, not all upshifts use torque management, but the error affects approximately 33% of those that do.) Vehicles with this software pass all durability testing, but at a lower margin of safety.
145	Part description: Exhaust Flap Part numbers involved: 1K0 253 691 B / C / D The following complaints were observed: MIL on The following DTCs were observed: - P0401 (Exhaust Gas Recirc. Flow Insufficient Detected) - P047F (valve stuck in open position) - P0477 (Exhaust Pressure Control Valve Low) - P048A (valve stuck in closed position) - P048B (signal range check low) - P048C (position sensor signal in desired range during closed position learning) Analysis of sample parts shows exhaust flap sticking in open / closed position caused by corrosion on the shaft. Parts analysis reflects 1K0 253 691 B / C/ D part numbers.
146	Part description: Exhaust Flap Part numbers involved: 1K0 253 691 B / C / D The following complaints were observed: MIL on The following DTCs were observed: - P0401 (Exhaust Gas Recirc. Flow Insufficient Detected) - P047F (valve stuck in open position) - P0477 (Exhaust Pressure Control Valve Low) - P048A (valve stuck in closed position) - P048B (signal range check low) - P048C (position sensor signal in desired range during closed position learning) Analysis of sample parts shows exhaust flap sticking in open / closed position caused by corrosion on the shaft. Parts analysis reflects 1K0 253 691 B / C/ D part numbers.

	V
130	Owner???s have been advised to contact their Lotus Dealer to arrange to have the necessary reprogramming of their vehicles ECM carried out. This will ensure that the vehicles VIN will be permanently stored within the ECM.
131	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
132	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
133	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
134	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels and to replace Exhaust Differential pressure sensor on the affected vehicles.
135	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels and to replace Exhaust Differential pressure sensor on the affected vehicles.
136	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels and to replace Exhaust Differential pressure sensor on the affected vehicles.
137	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels and to replace Exhaust Differential pressure sensor on the affected vehicles.
138	Initially, all known owners of affected vehicles will be notified by phone of the SSC and to have their vehicle fuel filler cap replaced as a result of an error during assembly operations and the possible evaporative emission concern. Those customers unable to be contacted by phone will be alerted by first class mail of the SSC and t
139	Chrysler will conduct a Voluntary Safety Recall (N32) to reprogram the powertrain control module on all affected vehicles.
140	Verify underhood labels and install replacement labels, if required.
141	The corrective measure consists of extending the emissions warranty of the leak diagnostic pump on all affected vehicles to 10 years or 120,000 miles, whichever comes first, and replacing the leak diagnostic pump with an improved version if the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
142	Chrysler will perform a customer satisfaction notification (M38) to update the PCM software that corrects both issues.
143	Chrysler will perform a customer satisfaction notification (M38) to update the PCM software that corrects both issues.
144	Chrysler will perform a customer satisfaction notification (M38) to update the PCM software that corrects both issues.
145	Volkswagen Group of America, Inc. will initiate a Extended Warranty Program for 10 years / 120,000 miles regarding to Exhaust Flap replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain deficiencies affecting the engine exhaust flap could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate due to the presence of specific fault codes caused by a faulty engine exhaust flap. All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
146	Volkswagen Group of America, Inc. will initiate a Extended Warranty Program for 10 years / 120,000 miles regarding to Exhaust Flap replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain deficiencies affecting the engine exhaust flap could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate due to the presence of specific fault codes caused by a faulty engine exhaust flap. All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.

	W
130	Lotus has an ongoing safety recall campaign (NHTSA ref: 11V-510) affecting similar vehicles. The same owners list was used for this campaign. It is currently planned to run these in parallel to improve the ???hit-rate??? and minimise customer inconvenience.
131	Owners and operators were identified using Navistar, Inc. warranty records through Nationwide dlears.
132	Owners and operators were identified using Navistar, Inc. warranty records through Nationwide dlears.
133	Owners and operators were identified using Navistar, Inc. warranty records through Nationwide dlears.
134	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
135	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
136	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
137	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
138	Lexus Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
139	Chrysler provides the US VIN list for the specific recall to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). Experian sends this information to Chrysler to be used for recall n
140	RL Polk
141	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
142	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
143	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
144	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
145	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
146	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.

	X
130	All Test Groups listed are affected
131	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
132	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
133	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
134	There are no maintenance or eligibility requirements.
135	There are no maintenance or eligibility requirements.
136	There are no maintenance or eligibility requirements.
137	There are no maintenance or eligibility requirements.
138	No special conditions are required for eligibility of repair under this SSC.
139	None
140	None required
141	Not applicable
142	None.
143	None.
144	None.
145	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen and Audi dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.
146	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen and Audi dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.

	Y
130	Owners have been advised to contact their dealer to effect repair.
131	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
132	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
133	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
134	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this Emissions Service Action on or about July 1, 2013. Affected Volkswagen & Audi owners will be mailed a notification of campaign on or about July 1, 2013.
135	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this Emissions Service Action on or about July 1, 2013. Affected Volkswagen & Audi owners will be mailed a notification of campaign on or about July 1, 2013.
136	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this Emissions Service Action on or about July 1, 2013. Affected Volkswagen & Audi owners will be mailed a notification of campaign on or about July 1, 2013.
137	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this Emissions Service Action on or about July 1, 2013. Affected Volkswagen & Audi owners will be mailed a notification of campaign on or about July 1, 2013.
138	The notification letter will include a recommendation that the owners drive the vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
139	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
140	Labels and instructions will be mailed to owners. They can either apply themselves or schedule an appointment after receiving the owner notification letter.
141	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
142	The vehicle should be returned to the dealer, who will reprogram the PCM with the latest update. Owners may obtain the repair service any time after receipt of the notification.
143	The vehicle should be returned to the dealer, who will reprogram the PCM with the latest update. Owners may obtain the repair service any time after receipt of the notification.
144	The vehicle should be returned to the dealer, who will reprogram the PCM with the latest update. Owners may obtain the repair service any time after receipt of the notification.
145	All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
146	All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.

	Z
130	None
131	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
132	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
133	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
134	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
135	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
136	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
137	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
138	None. The repair will be performed at Lexus dealerships only, and will take approximately 10 minutes. However, this period may be longer depending upon the dealers work schedule.
139	None.
140	Only owners or Nissan dealers
141	Not applicable
142	None.
143	None.
144	None.
145	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
146	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.

	AA
130	Parts are ordered by dealers through Lotus Cars USA
131	There are no parts replacements involved.
132	There are no parts replacements involved.
133	There are no parts replacements involved.
134	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
135	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
136	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
137	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
138	There is sufficient inventory of the replacement parts to accommodate this SSC.
139	Chrysler will deliver updated PCM software/calibrations to dealers via the internet.
140	The parts have been identified and are available.
141	New leak diagnostic pumps are provided to all authorized BMW centers via our service network.
142	Chrysler will supply all dealers with a calibration reflash with the latest update.
143	Chrysler will supply all dealers with a calibration reflash with the latest update.
144	Chrysler will supply all dealers with a calibration reflash with the latest update.
145	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
146	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AB
130	
131	Owners Notification and Repair/Service Procedure will be filed separately.
132	Owners Notification and Repair/Service Procedure will be filed separately.
133	Owners Notification and Repair/Service Procedure will be filed separately.
134	Forwarding Letter - CBI
135	Forwarding Letter - CBI
136	Forwarding Letter - CBI
137	Forwarding Letter - CBI
138	Toyota-VERR-20130703 letter which contains owner notification, dealer notification and repair procedures.
139	
140	
141	If you have any further questions, please contact Mr. Stephen Sinkez of BMW North America at 201-571-5069.
142	
143	
144	
145	Forwarding Letter - CBI
146	Forwarding Letter - CBI

	AC	AD	AE
130	None		2183
131	None.		2804
132	None.		2804
133	None.		2804
134	Not applicable		2223
135	Not applicable		2223
136	Not applicable		2223
137	Not applicable		2223
138	This repair does not affect fuel economy.		2243
139	None.		2263
140	None		1723
141	This repair has no adverse impact on fuel economy.		1743
142	None.		1763
143	None.		1763
144	None.		1763
145	Not applicable		1803
146	Not applicable		1803

	AF	AG	AH	AI
130		2	Y	N
131		2	Y	Y
132		2	Y	Y
133		2	Y	Y
134		4	Y	N
135		4	Y	N
136		4	Y	N
137		4	Y	N
138		1	Y	Y
139		2	Y	N
140		1	Y	N
141		2	Y	N
142		2	Y	N
143		2	Y	N
144		2	Y	N
145		5	Y	N
146		5	Y	N

	AJ	AK	AL	AM
130	N	N	115484	None
131	N	N	116062	None.
132	N	N	116062	None.
133	N	N	116062	None.
134	N	Y	116126	Not applicable
135	N	Y	116126	Not applicable
136	N	Y	116126	Not applicable
137	N	Y	116126	Not applicable
138	N	N	117758	This repair will not affect driveability.
139	N	N	118924	None
140	N	N	107317	None
141	N	N	107533	This repair has no adverse impact on driveability.
142	N	N	107963	Customers may notice an improvement in transmission shift quality.
143	N	N	107963	Customers may notice an improvement in transmission shift quality.
144	N	N	107963	Customers may notice an improvement in transmission shift quality.
145	N	Y	108861	Not applicable
146	N	Y	108861	Not applicable

	AN	AO	AP	AQ	AR
130	None	Y	1789	1	1301
131	None.	N	2430	0	0019
132	None.	N	2430	0	0019
133	None.	N	2430	0	0019
134	Not applicable	N	1829	0	0024
135	Not applicable	N	1829	0	0024
136	Not applicable	N	1829	0	0024
137	Not applicable	N	1829	0	0024
138	This repair will not affect safety.	N	1849	0	0002
139	None.	N	1869	0	1309
140	None	N	1329	0	0030
141	This repair has no adverse impact on safety.	Y	1349	0	0014
142	None.	N	1369	0	1301
143	None.	N	1369	0	1301
144	None.	N	1369	0	1301
145	Not applicable	N	1409	0	0010
146	Not applicable	N	1409	0	0010

	AS	AT	AU
130	N	1/10/2013	1
131	N	5/31/2013	1
132	N	5/31/2013	1
133	N	5/31/2013	1
134	Y	7/2/2013	1
135	Y	7/2/2013	1
136	Y	7/2/2013	1
137	Y	7/2/2013	1
138	Y	8/31/2013	1
139	Y	7/20/2013	1
140	N	3/12/2013	1
141	N		1
142	Y	2/15/2013	1
143	Y	2/15/2013	1
144	Y	2/15/2013	1
145	Y	3/2/2013	1
146	Y	3/2/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
147	4640	2/28/2013	2010	VWX	VW-0003	Light-Duty Vehicles and Trucks	201308	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
148	4640	2/28/2013	2009	VWX	VW-0003	Light-Duty Vehicles and Trucks	201308	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
149	4721	3/5/2013	2013	NSX	FOI_NSX_VER_0014_BD_	Light-Duty Vehicles and Trucks	393	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
150	4823	3/8/2013	2013	NSX	FOI_NSX_VER_0015_BD_	Light-Duty Vehicles and Trucks	11216	N					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
151	4840	3/11/2013	2012	VWX	VW-0004	Light-Duty Vehicles and Trucks	243990	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
152	4840	3/11/2013	2011	VWX	VW-0004	Light-Duty Vehicles and Trucks	243990	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
153	4840	3/11/2013	2010	VWX	VW-0004	Light-Duty Vehicles and Trucks	243990	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
154	4840	3/11/2013	2009	VWX	VW-0004	Light-Duty Vehicles and Trucks	243990	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
155	5160	4/4/2013	2008	HNX	ESRN-13-006 (S86)	Light-Duty Vehicles and Trucks	76253	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418

	P	Q	R	S	T
147	n/a	Exhaust Gas Recirculation (EGR) System	3/1/2013	2013	3
148	n/a	Exhaust Gas Recirculation (EGR) System	3/1/2013	2013	3
149		Fuel Delivery Component	3/18/2013	2013	14
150		Computer Related (Other than OBD)	4/8/2013	2013	15
151	n/a	Monitoring/Measuring Sensor/System	3/15/2013	2013	4
152	n/a	Monitoring/Measuring Sensor/System	3/15/2013	2013	4
153	n/a	Monitoring/Measuring Sensor/System	3/15/2013	2013	4
154	n/a	Monitoring/Measuring Sensor/System	3/15/2013	2013	4
155		Computer Related (Other than OBD)	4/1/2013	2013	2

	U
147	Part description: Exhaust Flap Part numbers involved: 1K0 253 691 B / C / D The following complaints were observed: MIL on The following DTCs were observed: - P0401 (Exhaust Gas Recirc. Flow Insufficient Detected) - P047F (valve stuck in open position) - P0477 (Exhaust Pressure Control Valve Low) - P048A (valve stuck in closed position) - P048B (signal range check low) - P048C (position sensor signal in desired range during closed position learning) Analysis of sample parts shows exhaust flap sticking in open / closed position caused by corrosion on the shaft. Parts analysis reflects 1K0 253 691 B / C/ D part numbers.
148	Part description: Exhaust Flap Part numbers involved: 1K0 253 691 B / C / D The following complaints were observed: MIL on The following DTCs were observed: - P0401 (Exhaust Gas Recirc. Flow Insufficient Detected) - P047F (valve stuck in open position) - P0477 (Exhaust Pressure Control Valve Low) - P048A (valve stuck in closed position) - P048B (signal range check low) - P048C (position sensor signal in desired range during closed position learning) Analysis of sample parts shows exhaust flap sticking in open / closed position caused by corrosion on the shaft. Parts analysis reflects 1K0 253 691 B / C/ D part numbers.
149	On some 2013MY Nissan Sentra vehicles manufactured between September 11, 2012 and October 9, 2012 a manufacturing production process variation at the fuel tank supplier has led to some fuel tank assemblies being manufactured out of specification which may exhibit small fuel leaks at the fuel tank seam. During the mold
150	On some 2013MY Nissan Altima 3.5L vehicles a P2097, P2099, P0130, P0150, P014C, or P014D diagnostic trouble code (DTC) is appearing in the field. The DTCs are due to an A/F sensor over-current condition. Under certain conditions, the A/F sensor heater circuit stays charged to 12V while Engine Off Natural Vacuum (EONV) evap
151	Part description: Secondary Air Pressure Sensor Part numbers involved: 07C 906 051 The following complaints were observed: MIL on The following DTCs were observed: - P2431 (Sec. Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance) - P2432 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low) - P2433 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit High) Analysis of sample parts shows sensors with electrical malfunctions. Parts analysis reflects 07C 906 051 part number.
152	Part description: Secondary Air Pressure Sensor Part numbers involved: 07C 906 051 The following complaints were observed: MIL on The following DTCs were observed: - P2431 (Sec. Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance) - P2432 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low) - P2433 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit High) Analysis of sample parts shows sensors with electrical malfunctions. Parts analysis reflects 07C 906 051 part number.
153	Part description: Secondary Air Pressure Sensor Part numbers involved: 07C 906 051 The following complaints were observed: MIL on The following DTCs were observed: - P2431 (Sec. Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance) - P2432 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low) - P2433 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit High) Analysis of sample parts shows sensors with electrical malfunctions. Parts analysis reflects 07C 906 051 part number.
154	Part description: Secondary Air Pressure Sensor Part numbers involved: 07C 906 051 The following complaints were observed: MIL on The following DTCs were observed: - P2431 (Sec. Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance) - P2432 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low) - P2433 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit High) Analysis of sample parts shows sensors with electrical malfunctions. Parts analysis reflects 07C 906 051 part number.
155	In areas where road salts are used, moisture and chemicals may penetrate into the PCM causing a corrosion of the circuit board around CPU. This may prevent the vehicle from starting or cause the vehicle to stall.

	V
147	Volkswagen Group of America, Inc. will initiate a Extended Warranty Program for 10 years / 120,000 miles regarding to Exhaust Flap replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain deficiencies affecting the engine exhaust flap could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate due to the presence of specific fault codes caused by a faulty engine exhaust flap. All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
148	Volkswagen Group of America, Inc. will initiate a Extended Warranty Program for 10 years / 120,000 miles regarding to Exhaust Flap replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain deficiencies affecting the engine exhaust flap could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate due to the presence of specific fault codes caused by a faulty engine exhaust flap. All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
149	The fuel tank will be inspected and, if necessary, the fuel tank will be replaced.
150	Reprogram Engine Control Module (ECM) and replace any damaged A/F sensors.
151	Volkswagen Group of America, Inc. will initiate an Extended Warranty program for 10 years / 120,000 miles regarding to Secondary Air pressure sensor replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain electrical malfunction affecting the secondary air pressure sensor of some 2.5L equipped vehicles could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster will illuminate due to the presence of specific fault codes caused by a faulty secondary air pressure sensor.
152	Volkswagen Group of America, Inc. will initiate an Extended Warranty program for 10 years / 120,000 miles regarding to Secondary Air pressure sensor replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain electrical malfunction affecting the secondary air pressure sensor of some 2.5L equipped vehicles could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster will illuminate due to the presence of specific fault codes caused by a faulty secondary air pressure sensor.
153	Volkswagen Group of America, Inc. will initiate an Extended Warranty program for 10 years / 120,000 miles regarding to Secondary Air pressure sensor replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain electrical malfunction affecting the secondary air pressure sensor of some 2.5L equipped vehicles could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster will illuminate due to the presence of specific fault codes caused by a faulty secondary air pressure sensor.
154	Volkswagen Group of America, Inc. will initiate an Extended Warranty program for 10 years / 120,000 miles regarding to Secondary Air pressure sensor replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain electrical malfunction affecting the secondary air pressure sensor of some 2.5L equipped vehicles could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster will illuminate due to the presence of specific fault codes caused by a faulty secondary air pressure sensor.
155	The plastic cover will be installed on the PCM and, if necessary, replace the PCM.

	W
147	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
148	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
149	RL Polk
150	RL Polk
151	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
152	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
153	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
154	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
155	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.

	X
147	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen and Audi dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.
148	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen and Audi dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.
149	None required
150	None required
151	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.
152	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.
153	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.
154	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.
155	No pre-conditions exist. Repair will be made free-of-charge.

	Y
147	All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
148	All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
149	Schedule an appointment after receiving the owner letter.
150	Schedule an appointment after owner notification.
151	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
152	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
153	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
154	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
155	Call any authorized Acura dealer and make an appointment to have your vehicle repaired.

	Z
147	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
148	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
149	Only Nissan dealers
150	Only Nissan dealers
151	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
152	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
153	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
154	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
155	Work can only be performed by an authorized Acura dealership.

	AA
147	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
148	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
149	According to supplier records, Nissan believes that approximately 28 vehicles are affected. There is an adequate supply of fuel tanks available to support the safety recall campaign.
150	A/F sensor part usage will be monitored.
151	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
152	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
153	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
154	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
155	Over 90% of the replacement parts to repair all vehicles in this campaign will be available to Acura dealers in conjunction with the issuance of the customer notification letter. The remaining 10% will follow shortly.

	AB
147	Forwarding Letter - CBI
148	Forwarding Letter - CBI
149	This will be launched as a voluntary safety recall campaign.
150	
151	Forwarding Letter - CBI
152	Forwarding Letter - CBI
153	Forwarding Letter - CBI
154	Forwarding Letter - CBI
155	Attachments: Acura Safety Recall TBS 13-014 Honda is submitting the enclosed EPA Safety Recall Notification (ESRN) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.

	AC	AD	AE
147	Not applicable		1803
148	Not applicable		1803
149	Negligible impact on fuel economy.		1843
150	There will be no significant impact on fuel economy.		1863
151	Not applicable		1883
152	Not applicable		1883
153	Not applicable		1883
154	Not applicable		1883
155	None.		1903

	AF	AG	AH	AI
147		5	Y	N
148		5	Y	N
149		0	N	N
150		1	Y	N
151		3	Y	N
152		3	Y	N
153		3	Y	N
154		3	Y	N
155		1	N	N

	AJ	AK	AL	AM
147	N	Y	108861	Not applicable
148	N	Y	108861	Not applicable
149	N	N	109061	No impact on drivability.
150	N	N	109315	Drivability may, in rare circumstances, be impacted with a temporary decline in performance.
151	N	Y	109480	Not applicable
152	N	Y	109480	Not applicable
153	N	Y	109480	Not applicable
154	N	Y	109480	Not applicable
155	N	N	111019	None.

	AN	AO	AP	AQ	AR
147	Not applicable	N	1409	0	0010
148	Not applicable	N	1409	0	0010
149	Safety will be improved by eliminating the possibility of fuel leakage.	N	1449	0	0031
150	None	N	1469	0	0026
151	Not applicable	N	1489	0	0009
152	Not applicable	N	1489	0	0009
153	Not applicable	N	1489	0	0009
154	Not applicable	N	1489	0	0009
155	Safety will be improved. Repair will prevent potential vehicle stall or failure to start.	Y	1509	0	0024

	AS	AT	AU
147	Y	3/2/2013	1
148	Y	3/2/2013	1
149	N	3/19/2013	1
150	N	4/9/2013	1
151	Y	3/16/2013	1
152	Y	3/16/2013	1
153	Y	3/16/2013	1
154	Y	3/16/2013	1
155	N	4/2/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
156	5160	4/4/2013	2007	HNX	ESRN-13-006 (S86)	Light-Duty Vehicles and Trucks	76253	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418
157	5160	4/4/2013	2006	HNX	ESRN-13-006 (S86)	Light-Duty Vehicles and Trucks	76253	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418
158	5160	4/4/2013	2005	HNX	ESRN-13-006 (S86)	Light-Duty Vehicles and Trucks	76253	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418
159	5160	4/4/2013	2004	HNX	ESRN-13-006 (S86)	Light-Duty Vehicles and Trucks	76253	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418
160	5280	10/28/2011	2011	HMX	FD40-11044	Heavy-Duty Highway Gas and Diesel Engines	3192	N					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
161	5461	10/28/2011	2010	HMX	A7610	Heavy-Duty Highway Gas and Diesel Engines	2672	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
162	5480	4/19/2013	2012	HNX	PUDR-13-001 (S92)	Light-Duty Vehicles and Trucks	3471	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418
163	5601	4/24/2013	2011	HMX	A7730	Heavy-Duty Highway Gas and Diesel Engines	4980	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
164	5601	4/24/2013	2010	HMX	A7730	Heavy-Duty Highway Gas and Diesel Engines	4980	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
165	5641	4/25/2013	2012	HMX	A7720	Heavy-Duty Highway Gas and Diesel Engines	4980	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
166	5641	4/25/2013	2011	HMX	A7720	Heavy-Duty Highway Gas and Diesel Engines	4980	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
167	4700	3/4/2013	2013	CRX	N09	Light-Duty Vehicles and Trucks	549	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468

	P	Q	R	S	T
156		Computer Related (Other than OBD)	4/1/2013	2013	2
157		Computer Related (Other than OBD)	4/1/2013	2013	2
158		Computer Related (Other than OBD)	4/1/2013	2013	2
159		Computer Related (Other than OBD)	4/1/2013	2013	2
160		Selective Catalytic Reduction System	11/21/2011	2011	1
161		Exhaust Gas Recirculation (EGR) System	4/25/2013	2013	2
162		Fuel Delivery Component	5/2/2013	2013	3
163		Exhaust System	4/25/2013	2013	5
164		Exhaust System	4/25/2013	2013	5
165		NOx Sensor	4/25/2013	2013	4
166		NOx Sensor	4/25/2013	2013	4
167	krf2@chrysler.com	Computer Related (Other than OBD)	3/1/2013	2013	1309

	U
156	In areas where road salts are used, moisture and chemicals may penetrate into the PCM causing a corrosion of the circuit board around CPU. This may prevent the vehicle from starting or cause the vehicle to stall.
157	In areas where road salts are used, moisture and chemicals may penetrate into the PCM causing a corrosion of the circuit board around CPU. This may prevent the vehicle from starting or cause the vehicle to stall.
158	In areas where road salts are used, moisture and chemicals may penetrate into the PCM causing a corrosion of the circuit board around CPU. This may prevent the vehicle from starting or cause the vehicle to stall.
159	In areas where road salts are used, moisture and chemicals may penetrate into the PCM causing a corrosion of the circuit board around CPU. This may prevent the vehicle from starting or cause the vehicle to stall.
160	During extreme below freezing ambient temperatures, the Diesel Exhaust Fluid (DEF) may begin to freeze in the supply or return line coming from the DEF Tank. This situation may result in illumination of the Malfunction Indicator Lamp (MIL) and reduced engine power output
161	During below freezing ambient temperature operation, condensation may develop in the Exhaust Gas Recirculation (EGR) inlet pipe and EGR valve. When the engine is shut off, this condensation may freeze. Upon a cold engine restart, this frozen condensation may result in an inoperative EGR valve and illumination of the Malfunction Indicator Lamp.
162	The Parflange on the vehicles fuel fill pipe was manufactured out of spec resulting in uneven seating of the NGV1 refueling receptacle onto the vehicles fuel fill pipe. This can lead to an early failure of the fuel fill pipe to NGV1 receptacle connection which could lead to CNG leakage during refueling of the vehicle.
163	HML was advised by ARB to do a running change in the production line to improve the control of the burner at high altitudes, When operated at an altitude of 6800ft or higher, burners can be prevented from working to heat-up catalyst.
164	HML was advised by ARB to do a running change in the production line to improve the control of the burner at high altitudes, When operated at an altitude of 6800ft or higher, burners can be prevented from working to heat-up catalyst.
165	Dosing Control Unit (???DCU???) detects abnormality with DEF, NOx sensor , resulting in turning on of MIL. (1)On-board diagnostic system has deficiencies under applicable laws and regulations in ???Reductant delivery performance (at system start up)??? and ???NOx sensor (SCR upstream) performance???. (2)This defect involves a condition where the dosing control unit (DCU) can malfunction at low temperatures. This malfunction may cause the on-board diagnostic system to work improperly and then cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ???ON???.
166	Dosing Control Unit (???DCU???) detects abnormality with DEF, NOx sensor , resulting in turning on of MIL. (1)On-board diagnostic system has deficiencies under applicable laws and regulations in ???Reductant delivery performance (at system start up)??? and ???NOx sensor (SCR upstream) performance???. (2)This defect involves a condition where the dosing control unit (DCU) can malfunction at low temperatures. This malfunction may cause the on-board diagnostic system to work improperly and then cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ???ON???.
167	Some 2013 MY 1.4L gasoline engine Fiat 500 models with a manual transmission and a 3.43 final drive ratio (FDR) may have a PCM inadvertently calibrated for a 3.73 FDR. The customer may be unable to set cruise control in 5th gear.

	V
156	The plastic cover will be installed on the PCM and, if necessary, replace the PCM.
157	The plastic cover will be installed on the PCM and, if necessary, replace the PCM.
158	The plastic cover will be installed on the PCM and, if necessary, replace the PCM.
159	The plastic cover will be installed on the PCM and, if necessary, replace the PCM.
160	Install a corrugated tube on the DEF line located above the DEF tank to contribute to prevent low temperature freezing.
161	Install insulators on the EGR pipe to contribute to prevent the EGR valve from freezing in low temperatures.
162	The fuel fill pipe will be replaced by a Honda dealership.
163	Reprogram the BCU software to have the burners work to heat-up catalyst at an altitude of 6800ft or higher.
164	Reprogram the BCU software to have the burners work to heat-up catalyst at an altitude of 6800ft or higher.
165	Reprogram the DCU software to avoid improper detection of malfunction by on-board diagnostic system.
166	Reprogram the DCU software to avoid improper detection of malfunction by on-board diagnostic system.
167	Chrysler will perform a Voluntary Emissions Recall (N09) updating the PCM software to assure the correct calibration is matched with the final drive ratio.

	W
156	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
157	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
158	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
159	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
160	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
161	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
162	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
163	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
164	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
165	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
166	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
167	Chrysler provides the US VIN list for the specific recall to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). Experian sends this information to Chrysler to be used for recall n

	X
156	No pre-conditions exist. Repair will be made free-of-charge.
157	No pre-conditions exist. Repair will be made free-of-charge.
158	No pre-conditions exist. Repair will be made free-of-charge.
159	No pre-conditions exist. Repair will be made free-of-charge.
160	No applicable
161	Not applicable
162	No pre-conditions exist. Repair will be made free-of-charge.
163	Not applicable
164	Not applicable
165	Not applicable
166	Not applicable
167	None

	Y
156	Call any authorized Acura dealer and make an appointment to have your vehicle repaired.
157	Call any authorized Acura dealer and make an appointment to have your vehicle repaired.
158	Call any authorized Acura dealer and make an appointment to have your vehicle repaired.
159	Call any authorized Acura dealer and make an appointment to have your vehicle repaired.
160	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
161	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
162	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
163	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
164	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
165	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
166	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
167	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service anytime after receipt of the notification.

	Z
156	Work can only be performed by an authorized Acura dealership.
157	Work can only be performed by an authorized Acura dealership.
158	Work can only be performed by an authorized Acura dealership.
159	Work can only be performed by an authorized Acura dealership.
160	There is no authorized warranty agents or persons other than dealers.
161	There is no authorized warranty agents or persons other than dealers.
162	Work can only be performed by an authorized Honda dealership.
163	There is no authorized warranty agents or persons other than dealers.
164	There is no authorized warranty agents or persons other than dealers.
165	There is no authorized warranty agents or persons other than dealers.
166	There is no authorized warranty agents or persons other than dealers.
167	None.

	AA
156	Over 90% of the replacement parts to repair all vehicles in this campaign will be available to Acura dealers in conjunction with the issuance of the customer notification letter. The remaining 10% will follow shortly.
157	Over 90% of the replacement parts to repair all vehicles in this campaign will be available to Acura dealers in conjunction with the issuance of the customer notification letter. The remaining 10% will follow shortly.
158	Over 90% of the replacement parts to repair all vehicles in this campaign will be available to Acura dealers in conjunction with the issuance of the customer notification letter. The remaining 10% will follow shortly.
159	Over 90% of the replacement parts to repair all vehicles in this campaign will be available to Acura dealers in conjunction with the issuance of the customer notification letter. The remaining 10% will follow shortly.
160	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
161	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
162	An adequate supply of replacement parts to repair all vehicles in this campaign is currently in stock and available for Honda dealers to order.
163	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
164	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
165	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
166	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
167	Chrysler will supply all dealers with a calibration reflash with the latest update.

	AB
156	Attachments: Acura Safety Recall TBS 13-014 Honda is submitting the enclosed EPA Safety Recall Notification (ESRN) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
157	Attachments: Acura Safety Recall TBS 13-014 Honda is submitting the enclosed EPA Safety Recall Notification (ESRN) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
158	Attachments: Acura Safety Recall TBS 13-014 Honda is submitting the enclosed EPA Safety Recall Notification (ESRN) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
159	Attachments: Acura Safety Recall TBS 13-014 Honda is submitting the enclosed EPA Safety Recall Notification (ESRN) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
160	
161	Hino submits a EDIR Version 2 #CBI_HMX_DRE_0002_BD_R02 at 4.19.2013. Although, the number did not reach the requirement for the initiation of recalls under the relevant federal laws, Hino will start voluntary recalls to prevent the occurrence of further troubles.
162	Attachments: Honda Product Update TBS 13-037 Honda is submitting the enclosed Product Up Date Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
163	Hino submits a EDIR Version 2 #CBI_HMX_DRE_0005_BD_R02 at 4.24.2013. Although, the number did not reach the requirement for the initiation of recalls under the relevant federal laws, Hino will start voluntary recalls to prevent the occurrence of further troubles. Manufacturer VERR # A7730 will be implemented as A8420 by the reprogramming of BCU with the most up-to-date program
164	Hino submits a EDIR Version 2 #CBI_HMX_DRE_0005_BD_R02 at 4.24.2013. Although, the number did not reach the requirement for the initiation of recalls under the relevant federal laws, Hino will start voluntary recalls to prevent the occurrence of further troubles. Manufacturer VERR # A7730 will be implemented as A8420 by the reprogramming of BCU with the most up-to-date program
165	Hino submits a EDIR Version 2 #CBI_HMX_DRE_0004_BD_R02 at 4.25.2013.
166	Hino submits a EDIR Version 2 #CBI_HMX_DRE_0004_BD_R02 at 4.25.2013.
167	

	AC	AD	AE
156	None.		1903
157	None.		1903
158	None.		1903
159	None.		1903
160	No impact		1943
161	No impact		2003
162	None.		2023
163	No impact		2063
164	No impact		2063
165	No impact		2083
166	No impact		2083
167	None.		1823

	AF	AG	AH	AI
156		1	N	N
157		1	N	N
158		1	N	N
159		1	N	N
160	Blank "Test Group/Engine Family" area is deleted.	0	N	N
161	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
162		1	N	N
163	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
164	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
165	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
166	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
167		2	Y	N

	AJ	AK	AL	AM
156	N	N	111019	None.
157	N	N	111019	None.
158	N	N	111019	None.
159	N	N	111019	None.
160	N	N	111854	No impact
161	N	Y	112305	No impact
162	N	N	112436	None.
163	N	Y	112705	No impact
164	N	Y	112705	No impact
165	N	Y	112835	No impact
166	N	Y	112835	No impact
167	N	N	108963	This change will assure that the customer will have the ability to set cruise control in 5th gear.

	AN	AO	AP	AQ	AR
156	Safety will be improved. Repair will prevent potential vehicle stall or failure to start.	Y	1509	0	0024
157	Safety will be improved. Repair will prevent potential vehicle stall or failure to start.	Y	1509	0	0024
158	Safety will be improved. Repair will prevent potential vehicle stall or failure to start.	Y	1509	0	0024
159	Safety will be improved. Repair will prevent potential vehicle stall or failure to start.	Y	1509	0	0024
160	No impact	N	1549	2	0001
161	No impact	N	1609	2	0002
162	None.	Y	1629	0	0019
163	No impact	N	1669	2	0005
164	No impact	N	1669	2	0005
165	No impact	N	1689	2	0004
166	No impact	N	1689	2	0004
167	None.	N	1429	0	1302

	AS	AT	AU
156	N	4/2/2013	1
157	N	4/2/2013	1
158	N	4/2/2013	1
159	N	4/2/2013	1
160	N		1
161	N		1
162	N	5/3/2013	1
163	N		1
164	N		1
165	N		1
166	N		1
167	Y	3/4/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
168	5781	5/8/2013	2012	HMX	A8420	Heavy-Duty Highway Gas and Diesel Engines	14009	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
169	5781	5/8/2013	2011	HMX	A8420	Heavy-Duty Highway Gas and Diesel Engines	14009	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
170	5781	5/8/2013	2010	HMX	A8420	Heavy-Duty Highway Gas and Diesel Engines	14009	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
171	5782	5/8/2013	2012	HMX	A8560	Heavy-Duty Highway Gas and Diesel Engines	12373	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
172	5782	5/8/2013	2011	HMX	A8560	Heavy-Duty Highway Gas and Diesel Engines	12373	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
173	5782	5/8/2013	2010	HMX	A8560	Heavy-Duty Highway Gas and Diesel Engines	12373	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
174	5920	5/21/2013	2012	HMX	A8670	Heavy-Duty Highway Gas and Diesel Engines	16338	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
175	5920	5/21/2013	2011	HMX	A8670	Heavy-Duty Highway Gas and Diesel Engines	16338	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
176	5920	5/21/2013	2010	HMX	A8670	Heavy-Duty Highway Gas and Diesel Engines	16338	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
177	5921	5/21/2013	2012	HMX	A8670	Heavy-Duty Highway Gas and Diesel Engines	16338	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
178	5921	5/21/2013	2011	HMX	A8670	Heavy-Duty Highway Gas and Diesel Engines	16338	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
179	5921	5/21/2013	2010	HMX	A8670	Heavy-Duty Highway Gas and Diesel Engines	16338	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
180	4220	1/31/2013	2009	FJX	1201	Light-Duty Vehicles and Trucks	102077	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
181	4220	1/31/2013	2008	FJX	1201	Light-Duty Vehicles and Trucks	102077	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
182	5261	4/12/2013	2013	CRX	N02	Light-Duty Vehicles and Trucks	1789	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466

	P	Q	R	S	T
168		Diesel Particulate Filter System	4/30/2013	2013	8
169		Diesel Particulate Filter System	4/30/2013	2013	8
170		Diesel Particulate Filter System	4/30/2013	2013	8
171		Diesel Particulate Filter System	4/30/2013	2013	9
172		Diesel Particulate Filter System	4/30/2013	2013	9
173		Diesel Particulate Filter System	4/30/2013	2013	9
174		Diesel Particulate Filter System	5/31/2013	2013	6
175		Diesel Particulate Filter System	5/31/2013	2013	6
176		Diesel Particulate Filter System	5/31/2013	2013	6
177		Diesel Particulate Filter System	5/31/2013	2013	6
178		Diesel Particulate Filter System	5/31/2013	2013	6
179		Diesel Particulate Filter System	5/31/2013	2013	6
180		Exhaust System	1/14/2013	2013	1201
181		Exhaust System	1/14/2013	2013	1201
182	dwr1@chrysler.com	Fuel Tank Component	4/5/2013	2013	1302

	U
168	When DPF (Diesel Particulate Filter) regeneration is restarted after turning off the exhaust brake, the ignition of the burner system may perform improperly; this may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn on.
169	When DPF (Diesel Particulate Filter) regeneration is restarted after turning off the exhaust brake, the ignition of the burner system may perform improperly; this may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn on.
170	When DPF (Diesel Particulate Filter) regeneration is restarted after turning off the exhaust brake, the ignition of the burner system may perform improperly; this may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn on.
171	When soot accumulates on the igniter surface, the burner ignition may perform improperly, which may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ???ON???.
172	When soot accumulates on the igniter surface, the burner ignition may perform improperly, which may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ???ON???.
173	When soot accumulates on the igniter surface, the burner ignition may perform improperly, which may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ???ON???.
174	1.DPF When a smoke is large within a variation in the product standard of injection quantity in a fuel injector, regeneration of DPF may be insufficient. Also, when this phenomenon is repeated , which may cause the MIL in the instrument cluster of the vehicle to turn ???ON??? and reduced engine power. 2.Heat calculation Software algorithm was changed to make it more efficient and reduce software data size. Error occurred during the software coding process. As a result, heat calculation is incorrect.
175	1.DPF When a smoke is large within a variation in the product standard of injection quantity in a fuel injector, regeneration of DPF may be insufficient. Also, when this phenomenon is repeated , which may cause the MIL in the instrument cluster of the vehicle to turn ???ON??? and reduced engine power. 2.Heat calculation Software algorithm was changed to make it more efficient and reduce software data size. Error occurred during the software coding process. As a result, heat calculation is incorrect.
176	1.DPF When a smoke is large within a variation in the product standard of injection quantity in a fuel injector, regeneration of DPF may be insufficient. Also, when this phenomenon is repeated , which may cause the MIL in the instrument cluster of the vehicle to turn ???ON??? and reduced engine power. 2.Heat calculation Software algorithm was changed to make it more efficient and reduce software data size. Error occurred during the software coding process. As a result, heat calculation is incorrect.
177	1.DPF When a smoke is large within a variation in the product standard of injection quantity in a fuel injector, regeneration of DPF may be insufficient. Also, when this phenomenon is repeated , which may cause the MIL in the instrument cluster of the vehicle to turn ???ON??? and reduced engine power. 2.Heat calculation Software algorithm was changed to make it more efficient and reduce software data size. Error occurred during the software coding process. As a result, heat calculation is incorrect.
178	1.DPF When a smoke is large within a variation in the product standard of injection quantity in a fuel injector, regeneration of DPF may be insufficient. Also, when this phenomenon is repeated , which may cause the MIL in the instrument cluster of the vehicle to turn ???ON??? and reduced engine power. 2.Heat calculation Software algorithm was changed to make it more efficient and reduce software data size. Error occurred during the software coding process. As a result, heat calculation is incorrect.
179	1.DPF When a smoke is large within a variation in the product standard of injection quantity in a fuel injector, regeneration of DPF may be insufficient. Also, when this phenomenon is repeated , which may cause the MIL in the instrument cluster of the vehicle to turn ???ON??? and reduced engine power. 2.Heat calculation Software algorithm was changed to make it more efficient and reduce software data size. Error occurred during the software coding process. As a result, heat calculation is incorrect.
180	During February/March 2012, the California Air Resources Board performed confirmatory in-use testing on our 2008 model year PZEV certified test group 8FJXB02.5NVD and determined marginal NMHC and NOx non-compliance. Exhaust system welding spatter had dislodged and abraded the front catalyst substrate. The OE front
181	During February/March 2012, the California Air Resources Board performed confirmatory in-use testing on our 2008 model year PZEV certified test group 8FJXB02.5NVD and determined marginal NMHC and NOx non-compliance. Exhaust system welding spatter had dislodged and abraded the front catalyst substrate. The OE front
182	Some vehicles may experience fuel leakage during a vehicle roll-over, fuel spilling out of the evaporative canister during refueling, or engine stall at idle due to broken control valve installed in the fuel tank. Evidence was found in the fuel tank supplier's assembly plant of 16 broken control valves out of a population of 1,934 suspe

	V
168	BCU software program improved.
169	BCU software program improved.
170	BCU software program improved.
171	Replace the igniters. The gap between igniter plugs was reduced.
172	Replace the igniters. The gap between igniter plugs was reduced.
173	Replace the igniters. The gap between igniter plugs was reduced.
174	ECU software program improved.
175	ECU software program improved.
176	ECU software program improved.
177	ECU software program improved.
178	ECU software program improved.
179	ECU software program improved.
180	CARB approved Subaru's voluntary remedial plan on December 18, 2012. The modification consists of front catalyst replacement/attachment hardware kit and ECM software reprogramming on 2008-2009 California PZEV certified models.
181	CARB approved Subaru's voluntary remedial plan on December 18, 2012. The modification consists of front catalyst replacement/attachment hardware kit and ECM software reprogramming on 2008-2009 California PZEV certified models.
182	Chrysler will perform a safety recall (N02) to inspect the fuel tank and replace the fuel tank and evaporative canister if the control valve is broken.

	W
168	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
169	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
170	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
171	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
172	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
173	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
174	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
175	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
176	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
177	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
178	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
179	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
180	Subaru used R.L. Polk vehicle owner database for identifying the affected 2008-2009 model year Subaru vehicles registered in California and the affected S177 states. California owners were notified by first class mail starting on January 14, 2013. Affected S177 state owner notification will be phased-in starting late first quarter 2
181	Subaru used R.L. Polk vehicle owner database for identifying the affected 2008-2009 model year Subaru vehicles registered in California and the affected S177 states. California owners were notified by first class mail starting on January 14, 2013. Affected S177 state owner notification will be phased-in starting late first quarter 2
182	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m

	X
168	No applicable
169	No applicable
170	No applicable
171	No applicable
172	No applicable
173	No applicable
174	No applicable
175	No applicable
176	No applicable
177	No applicable
178	No applicable
179	No applicable
180	None.
181	None.
182	None.

	Y
168	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
169	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
170	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
171	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
172	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
173	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
174	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
175	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
176	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
177	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
178	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
179	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
180	Affected owners were requested by notification letter to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to complete this repair (front catalyst replacement and reprogramming of the ECM software) is approximately one hou
181	Affected owners were requested by notification letter to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to complete this repair (front catalyst replacement and reprogramming of the ECM software) is approximately one hou
182	The vehicle should be returned to the dealer, who will inspect the fuel tank control valve and replace the fuel tank if required. Owners may obtain the repair service any time after receipt of the notification.

	Z
168	There is no authorized warranty agents or persons other than dealers.
169	There is no authorized warranty agents or persons other than dealers.
170	There is no authorized warranty agents or persons other than dealers.
171	There is no authorized warranty agents or persons other than dealers.
172	There is no authorized warranty agents or persons other than dealers.
173	There is no authorized warranty agents or persons other than dealers.
174	There is no authorized warranty agents or persons other than dealers.
175	There is no authorized warranty agents or persons other than dealers.
176	There is no authorized warranty agents or persons other than dealers.
177	There is no authorized warranty agents or persons other than dealers.
178	There is no authorized warranty agents or persons other than dealers.
179	There is no authorized warranty agents or persons other than dealers.
180	None.
181	None.
182	None.

	AA
168	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
169	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
170	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
171	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
172	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
173	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
174	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
175	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
176	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
177	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
178	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
179	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
180	The corrective repair consists of front catalyst replacement and ECM software reprogramming. Due to replacement part production limitation of 5000 converters per month, CARB accepted Subaru's plan to phase-in owner notification in groups when 100% of the required parts (front catalyst and applicable ECM reprogramming P
181	The corrective repair consists of front catalyst replacement and ECM software reprogramming. Due to replacement part production limitation of 5000 converters per month, CARB accepted Subaru's plan to phase-in owner notification in groups when 100% of the required parts (front catalyst and applicable ECM reprogramming P
182	40 fuel tanks were added to Mopar stock to cover this campaign.

	AB
168	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
169	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
170	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
171	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
172	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
173	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
174	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0006_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
175	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0006_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
176	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0006_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
177	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0006_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
178	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0006_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
179	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0006_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
180	Subaru Service Program Bulletin WQD-40 contains dealer repair instructions and the owner notification letter.
181	Subaru Service Program Bulletin WQD-40 contains dealer repair instructions and the owner notification letter.
182	

	AC	AD	AE
168	No impact		2104
169	No impact		2104
170	No impact		2104
171	No impact		2105
172	No impact		2105
173	No impact		2105
174	No impact		2123
175	No impact		2123
176	No impact		2123
177	No impact		2124
178	No impact		2124
179	No impact		2124
180	None.		1703
181	None.		1703
182	None.		1923

	AF	AG	AH	AI
168	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
169	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
170	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
171	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
172	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
173	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
174	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
175	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
176	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
177	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
178	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
179	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
180		2	Y	N
181		2	Y	N
182		2	Y	N

	AJ	AK	AL	AM
168	N	Y	113813	No impact
169	N	Y	113813	No impact
170	N	Y	113813	No impact
171	N	Y	113817	No impact
172	N	Y	113817	No impact
173	N	Y	113817	No impact
174	N	Y	114848	No impact
175	N	Y	114848	No impact
176	N	Y	114848	No impact
177	N	Y	114854	No impact
178	N	Y	114854	No impact
179	N	Y	114854	No impact
180	N	N	106605	None.
181	N	N	106605	None.
182	N	N	111816	None.

	AN	AO	AP	AQ	AR
168	No impact	N	1710	0	0008
169	No impact	N	1710	0	0008
170	No impact	N	1710	0	0008
171	No impact	N	1711	0	0008
172	No impact	N	1711	0	0008
173	No impact	N	1711	0	0008
174	No impact	N	1729	0	0006
175	No impact	N	1729	0	0006
176	No impact	N	1729	0	0006
177	No impact	N	1730	0	0006
178	No impact	N	1730	0	0006
179	No impact	N	1730	0	0006
180	None.	N	1309	0	1201
181	None.	N	1309	0	1201
182	The recall eliminates the potential for fuel leakage or for the engine to stall.	N	1529	0	1303

	AS	AT	AU
168	N		1
169	N		1
170	N		1
171	N		1
172	N		1
173	N		1
174	N		1
175	N		1
176	N		1
177	N		1
178	N		1
179	N		1
180	Y	8/13/2014	1
181	Y	8/13/2014	1
182	Y	4/6/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
183	5561	4/23/2013	2011	HMX	A7710	Heavy-Duty Highway Gas and Diesel Engines	4980	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
184	5561	4/23/2013	2010	HMX	A7710	Heavy-Duty Highway Gas and Diesel Engines	4980	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
185	7502	10/4/2013	2013	GMX	1226	Light-Duty Vehicles and Trucks	935	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
186	7800	10/31/2013	2012	CEX	CDR-2013-01	Heavy-Duty Highway Class 2b/3 Vehicles	53400	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
187	9020	2/20/2014	2012	ADX	AD-0008	Light-Duty Vehicles and Trucks	4279	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
188	9020	2/20/2014	2011	ADX	AD-0008	Light-Duty Vehicles and Trucks	4279	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
189	9020	2/20/2014	2010	ADX	AD-0008	Light-Duty Vehicles and Trucks	4279	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
190	9020	2/20/2014	2009	ADX	AD-0008	Light-Duty Vehicles and Trucks	4279	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
191	9020	2/20/2014	2008	ADX	AD-0008	Light-Duty Vehicles and Trucks	4279	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
192	6780	8/5/2013	2012	CRX	N17	Light-Duty Vehicles and Trucks	20538	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
193	6960	8/22/2013	2013	FMX	13S04	Light-Duty Vehicles and Trucks	391906	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404
194	7240	9/11/2013	2011	VWX	VW-0005	Light-Duty Vehicles and Trucks	25235	N					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
195	7240	9/11/2013	2010	VWX	VW-0005	Light-Duty Vehicles and Trucks	25235	N					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
196	7621	10/17/2013	2013	HMX	A8800	Heavy-Duty Highway Gas and Diesel Engines	898	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
197	6741	7/31/2013	2013	ADX	AD-0006	Light-Duty Vehicles and Trucks	165712	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
198	6741	7/31/2013	2012	ADX	AD-0006	Light-Duty Vehicles and Trucks	165712	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
199	6741	7/31/2013	2011	ADX	AD-0006	Light-Duty Vehicles and Trucks	165712	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
200	6741	7/31/2013	2010	ADX	AD-0006	Light-Duty Vehicles and Trucks	165712	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
201	6741	7/31/2013	2009	ADX	AD-0006	Light-Duty Vehicles and Trucks	165712	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
202	8220	12/3/2013	2013	CRX	N11	Light-Duty Vehicles and Trucks	670	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
203	8820	2/7/2014	2012	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	24914	N					Nelson Borja	nelson.borja@navistar.com	3313321764
204	8820	2/7/2014	2011	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	24914	N					Nelson Borja	nelson.borja@navistar.com	3313321764
205	8820	2/7/2014	2010	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	24914	N					Nelson Borja	nelson.borja@navistar.com	3313321764
206	8321	12/10/2013	2014	HNX	PUDR-13-021 (JC6)	Light-Duty Vehicles and Trucks	491	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418
207	8842	2/10/2014	2012	TKX	1002	Light-Duty Vehicles and Trucks	84836	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
208	8842	2/10/2014	2011	TKX	1002	Light-Duty Vehicles and Trucks	84836	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
209	8842	2/10/2014	2010	TKX	1002	Light-Duty Vehicles and Trucks	84836	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
210	8842	2/10/2014	2009	TKX	1002	Light-Duty Vehicles and Trucks	84836	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
211	8842	2/10/2014	2008	TKX	1002	Light-Duty Vehicles and Trucks	84836	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
212	8842	2/10/2014	2007	TKX	1002	Light-Duty Vehicles and Trucks	84836	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
213	9080	2/28/2014	2009	HMX	A8440	Heavy-Duty Highway Gas and Diesel Engines	11893	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
214	9080	2/28/2014	2008	HMX	A8440	Heavy-Duty Highway Gas and Diesel Engines	11893	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
215	9080	2/28/2014	2007	HMX	A8440	Heavy-Duty Highway Gas and Diesel Engines	11893	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495

	P	Q	R	S	T
183		Turbocharger/Supercharger	5/24/2013	2013	3
184		Turbocharger/Supercharger	5/24/2013	2013	3
185		Oxygen Sensor	10/16/2013	2013	1226
186		NOx Absorber System	11/11/2013	2013	3
187	n/a	Monitoring/Measuring Sensor/System	3/17/2014	2014	8
188	n/a	Monitoring/Measuring Sensor/System	3/17/2014	2014	8
189	n/a	Monitoring/Measuring Sensor/System	3/17/2014	2014	8
190	n/a	Monitoring/Measuring Sensor/System	3/17/2014	2014	8
191	n/a	Monitoring/Measuring Sensor/System	3/17/2014	2014	8
192	dwr1@chrysler.com	Air Inlet/Intake System	7/19/2013	2013	1317
193		Fuel Delivery Component	7/19/2013	2013	1304
194	N/A	Air Inlet/Intake System	8/20/2013	2013	5
195	N/A	Air Inlet/Intake System	8/20/2013	2013	5
196		Selective Catalytic Reduction System	10/28/2013	2013	12
197	N/A	Secondary Air System	8/13/2013	2013	6
198	N/A	Secondary Air System	8/13/2013	2013	6
199	N/A	Secondary Air System	8/13/2013	2013	6
200	N/A	Secondary Air System	8/13/2013	2013	6
201	N/A	Secondary Air System	8/13/2013	2013	6
202	dwr1@chrysler.com	On-Board Diagnostic (OBD) System	11/11/2013	2013	1311
203	nelson.borja@navistar.com	Diesel Particulate Filter System	5/23/2013	2013	3
204	nelson.borja@navistar.com	Diesel Particulate Filter System	5/23/2013	2013	3
205	nelson.borja@navistar.com	Diesel Particulate Filter System	5/23/2013	2013	3
206		Computer Related (Other than OBD)	11/29/2013	2013	6
207		Computer Related (Other than OBD)	2/14/2014	2014	1002
208		Computer Related (Other than OBD)	2/14/2014	2014	1002
209		Computer Related (Other than OBD)	2/14/2014	2014	1002
210		Computer Related (Other than OBD)	2/14/2014	2014	1002
211		Computer Related (Other than OBD)	2/14/2014	2014	1002
212		Computer Related (Other than OBD)	2/14/2014	2014	1002
213		Diesel Particulate Filter System	2/28/2014	2014	10
214		Diesel Particulate Filter System	2/28/2014	2014	10
215		Diesel Particulate Filter System	2/28/2014	2014	10

	U
183	Engine Control Unit (???ECU???) detects feedback error with Variable Nozzle Turbocharger (???VNT???), resulting in turning on of MIL and limitation of engine power. When operated at temperatures at and below 0 degrees Celsius or 32 degrees Fahrenheit, the condensation in the VNT (Variable Nozzle Turbocharger) can freeze, and
184	Engine Control Unit (???ECU???) detects feedback error with Variable Nozzle Turbocharger (???VNT???), resulting in turning on of MIL and limitation of engine power. When operated at temperatures at and below 0 degrees Celsius or 32 degrees Fahrenheit, the condensation in the VNT (Variable Nozzle Turbocharger) can freeze, and
185	An incorrect heated oxygen sensor was mistakenly released for use in 935 vehicles.
186	Some of the RAM 2500 vehicles were built with an engine control module calibration that may not have enough NOx margin before the end of useful life (defined as 11 years or 120,000 miles).
187	Component: Engine Control Module SoftwareRough engine running during catalyst heating period and or harsh engine speed limitation at about 7,200 rpm.MIL can be activated and DTCs are stored in the ECM for two different events:Random cylinder misfires (DTCs P0300 and/or P0301-P0308)Warm-up catalyst phase (DTCs P0421
188	Component: Engine Control Module SoftwareRough engine running during catalyst heating period and or harsh engine speed limitation at about 7,200 rpm.MIL can be activated and DTCs are stored in the ECM for two different events:Random cylinder misfires (DTCs P0300 and/or P0301-P0308)Warm-up catalyst phase (DTCs P0421
189	Component: Engine Control Module SoftwareRough engine running during catalyst heating period and or harsh engine speed limitation at about 7,200 rpm.MIL can be activated and DTCs are stored in the ECM for two different events:Random cylinder misfires (DTCs P0300 and/or P0301-P0308)Warm-up catalyst phase (DTCs P0421
190	Component: Engine Control Module SoftwareRough engine running during catalyst heating period and or harsh engine speed limitation at about 7,200 rpm.MIL can be activated and DTCs are stored in the ECM for two different events:Random cylinder misfires (DTCs P0300 and/or P0301-P0308)Warm-up catalyst phase (DTCs P0421
191	Component: Engine Control Module SoftwareRough engine running during catalyst heating period and or harsh engine speed limitation at about 7,200 rpm.MIL can be activated and DTCs are stored in the ECM for two different events:Random cylinder misfires (DTCs P0300 and/or P0301-P0308)Warm-up catalyst phase (DTCs P0421
192	4WD Jeep Compass and Patriot vehicles use a saddle style fuel tank that includes a transfer tube to move fuel from the secondary side to the primary side where it is then delivered to the engine. After a material change to the transfer tube (from Nylon 12 to Nylon 6-12) the forming temperature was not increased to compensate
193	Some 2013 Ford Explorer, Taurus, Flex, Fusion and Lincoln MKS, MKZ and MKT vehicles may have Fuel Delivery Modules (FDM) that can develop cracks near the FDM outlet port. This condition may be caused by an incompatibility of the outlet port design, material and gasoline. The propensity of this material to crack when in cont
194	Volkswagen Group of America, Inc. will initiate an Extended Warranty program for 10 years / 120,000 miles to cover the cost of replacement intake manifolds and / or fuel injectors under the following specific conditions: a) A faulty intake manifold may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Intake Manifold: 06H 133 201 AF / 06J 133 201 AS b) A faulty fuel injector may cause minor misfire conditions and in turn, cause the Malfunction Indicator Lamp (MIL) to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Fuel Injector: 06H 906 036 G
195	Volkswagen Group of America, Inc. will initiate an Extended Warranty program for 10 years / 120,000 miles to cover the cost of replacement intake manifolds and / or fuel injectors under the following specific conditions: a) A faulty intake manifold may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Intake Manifold: 06H 133 201 AF / 06J 133 201 AS b) A faulty fuel injector may cause minor misfire conditions and in turn, cause the Malfunction Indicator Lamp (MIL) to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Fuel Injector: 06H 906 036 G
196	The purpose of this field fix is to prevent a fault MIL due to the DEF dosing system as current HinoOBD system cannot distinguish freezing from clogging in an extreme cold condition. Accordingto the investigation of the fault MIL incidents, we found that the DEF heating system fitted withcovers on tubes of DEF line was not sufficient t
197	Audi has determined that, under certain driving conditions, carbon buildup can occur in the engine cylinder head secondary air ports. Due to the presence of specific fault codes caused by this carbon buildup, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate.- DTC P0491 Secondary Air System, Insuffic
198	Audi has determined that, under certain driving conditions, carbon buildup can occur in the engine cylinder head secondary air ports. Due to the presence of specific fault codes caused by this carbon buildup, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate.- DTC P0491 Secondary Air System, Insuffic
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200	Audi has determined that, under certain driving conditions, carbon buildup can occur in the engine cylinder head secondary air ports. Due to the presence of specific fault codes caused by this carbon buildup, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate.- DTC P0491 Secondary Air System, Insuffic
201	Audi has determined that, under certain driving conditions, carbon buildup can occur in the engine cylinder head secondary air ports. Due to the presence of specific fault codes caused by this carbon buildup, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate.- DTC P0491 Secondary Air System, Insuffic
202	Target Linear Coefficients (TLC) are required to enable the Misfire Monitor. TLC are used to determine the true position of the camshaft and crankshaft and compensate for tolerance variations of the timing sensors and targets. On the 1.4L turbo, the TLC must be learned during in-plant operation. An error in the in-plant mode so
203	Regeneration control calibration is adversely affected by operating in high ambient temperature environments. This may lead to DOC face plugging in applications that operate at high ambient temperatures that increase regeneration.
204	Regeneration control calibration is adversely affected by operating in high ambient temperature environments. This may lead to DOC face plugging in applications that operate at high ambient temperatures that increase regeneration.
205	Regeneration control calibration is adversely affected by operating in high ambient temperature environments. This may lead to DOC face plugging in applications that operate at high ambient temperatures that increase regeneration.
206	The E-VTC software in the engine control unit allows the camshaft gear to impact the stopper at excessively high speeds, leading to deformation of the sprocket gear and potentially reduced engine output. The MIL illuminates for "Variable Valve Timing Control (VTC) System Malfunction".
207	On certain 2007-2012MY CX-7 2.3L, when the vehicle is operated with excessive throttle perturbations, the completion of the evaporation learning step may be delayed. Since the control system does not enable the high purge mode until the evaporation learning step is completed, this delay may result in less purging of the evap
208	On certain 2007-2012MY CX-7 2.3L, when the vehicle is operated with excessive throttle perturbations, the completion of the evaporation learning step may be delayed. Since the control system does not enable the high purge mode until the evaporation learning step is completed, this delay may result in less purging of the evap
209	On certain 2007-2012MY CX-7 2.3L, when the vehicle is operated with excessive throttle perturbations, the completion of the evaporation learning step may be delayed. Since the control system does not enable the high purge mode until the evaporation learning step is completed, this delay may result in less purging of the evap
210	On certain 2007-2012MY CX-7 2.3L, when the vehicle is operated with excessive throttle perturbations, the completion of the evaporation learning step may be delayed. Since the control system does not enable the high purge mode until the evaporation learning step is completed, this delay may result in less purging of the evap
211	On certain 2007-2012MY CX-7 2.3L, when the vehicle is operated with excessive throttle perturbations, the completion of the evaporation learning step may be delayed. Since the control system does not enable the high purge mode until the evaporation learning step is completed, this delay may result in less purging of the evap
212	On certain 2007-2012MY CX-7 2.3L, when the vehicle is operated with excessive throttle perturbations, the completion of the evaporation learning step may be delayed. Since the control system does not enable the high purge mode until the evaporation learning step is completed, this delay may result in less purging of the evap
213	When a smoke is large within a variation in the product standard of injection quantity in a fuel injector, regeneration of DPF may be insufficient. Also, when this phenomenon is repeated , which may cause the MIL in the instrument cluster of the vehicle to turn ???ON??? and reduced engine power.
214	When a smoke is large within a variation in the product standard of injection quantity in a fuel injector, regeneration of DPF may be insufficient. Also, when this phenomenon is repeated , which may cause the MIL in the instrument cluster of the vehicle to turn ???ON??? and reduced engine power.
215	When a smoke is large within a variation in the product standard of injection quantity in a fuel injector, regeneration of DPF may be insufficient. Also, when this phenomenon is repeated , which may cause the MIL in the instrument cluster of the vehicle to turn ???ON??? and reduced engine power.

	V
183	Reprogram the ECM software to avoid improper detection of malfunction by on-board diagnostic system.
184	Reprogram the ECM software to avoid improper detection of malfunction by on-board diagnostic system.
185	The incorrect oxygen sensor will be replaced with the correct oxygen sensor.
186	As a product improvement, Cummins will create and supply calibration software to Chrysler to use, in the conduct of the recall, to reflash the Engine Control Module (ECM) of these vehicles with a calibration that will provide the necessary NOx margin.
187	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected vehicles.
188	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected vehicles.
189	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected vehicles.
190	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected vehicles.
191	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected vehicles.
192	Chrysler will perform a safety recall (N17) to replace the transfer tube on affected vehicles.
193	Affected vehicles will be updated with an improved Fuel Delivery Module.
194	Volkswagen Group of America, Inc. will initiate an Extended Warranty program for 10 years / 120,000, whichever occurs first, from the vehicle's original in-service date, to cover the cost of replacement of intake manifolds and / or fuel injectors under the specified conditions.
195	Volkswagen Group of America, Inc. will initiate an Extended Warranty program for 10 years / 120,000, whichever occurs first, from the vehicle's original in-service date, to cover the cost of replacement of intake manifolds and / or fuel injectors under the specified conditions.
196	DCU software program improved.We decided to add the DCU enabled condition of OBD monitoring of ???ambient temperature>= -20 degree C??? as described in the specification table attached. (Please refer to the attachedmeeting material with ARB OBD group held on June 25, 2013, relating to this field fix.)However, there are
197	Audi of America will initiate an Extended Warranty program to cover cleaning of the engine cylinder head secondary air ports to remove carbon buildup under specific conditions up to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date.
198	Audi of America will initiate an Extended Warranty program to cover cleaning of the engine cylinder head secondary air ports to remove carbon buildup under specific conditions up to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date.
199	Audi of America will initiate an Extended Warranty program to cover cleaning of the engine cylinder head secondary air ports to remove carbon buildup under specific conditions up to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date.
200	Audi of America will initiate an Extended Warranty program to cover cleaning of the engine cylinder head secondary air ports to remove carbon buildup under specific conditions up to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date.
201	Audi of America will initiate an Extended Warranty program to cover cleaning of the engine cylinder head secondary air ports to remove carbon buildup under specific conditions up to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date.
202	Chrysler will perform a voluntary emissions recall (N11) to reprogram the Powertrain Control Module (PCM) with the correct software and perform the in-field TLC learn procedure on affected vehicles.
203	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
204	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
205	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
206	The PCM will be updated with a correct programming, and if necessary, replace the E-VTC actuator by a Honda dealership.
207	The PCM will be reprogrammed with the modified software .
208	The PCM will be reprogrammed with the modified software .
209	The PCM will be reprogrammed with the modified software .
210	The PCM will be reprogrammed with the modified software .
211	The PCM will be reprogrammed with the modified software .
212	The PCM will be reprogrammed with the modified software .
213	ECU software program improved. The purpose of this field fix is to strengthen the robustness of the system by adding a strategy of the pressure difference of upstream and downstream of DPR to support the calculation of the soot amount accumulated in the DPF. Therefore, this change will not give any adverse effect on the emission performance of these engines.
214	ECU software program improved. The purpose of this field fix is to strengthen the robustness of the system by adding a strategy of the pressure difference of upstream and downstream of DPR to support the calculation of the soot amount accumulated in the DPF. Therefore, this change will not give any adverse effect on the emission performance of these engines.
215	ECU software program improved. The purpose of this field fix is to strengthen the robustness of the system by adding a strategy of the pressure difference of upstream and downstream of DPR to support the calculation of the soot amount accumulated in the DPF. Therefore, this change will not give any adverse effect on the emission performance of these engines.

	W
183	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
184	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
185	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
186	In conducting a recall, Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler w
187	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
188	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
189	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
190	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
191	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
192	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
193	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
194	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
195	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
196	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
197	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
198	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
199	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
200	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
201	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
202	Chrysler provides the US VIN list for a specific service action to Experian for the latestcustomer name and address information. Experian searches its internal database, whichis updated with information from state databases (i.e. Department of Motor Vehicles).Experian sends this information to Chrysler, which is then used to ma
203	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
204	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
205	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
206	American Honda will use its new vehicle purchase records.
207	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
208	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
209	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
210	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
211	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
212	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
213	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
214	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
215	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.

	X
183	Not applicable
184	Not applicable
185	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
186	None
187	There are no maintenance or eligibility requirements.
188	There are no maintenance or eligibility requirements.
189	There are no maintenance or eligibility requirements.
190	There are no maintenance or eligibility requirements.
191	There are no maintenance or eligibility requirements.
192	None.
193	Eligibility for this program is not conditioned upon proper maintenance or use
194	Volkswagen Group of America, Inc. warranty records will be reviewed by the servicing dealers to determine if the customer's vehicle meets the parameters of the subject warranty extension program described.
195	Volkswagen Group of America, Inc. warranty records will be reviewed by the servicing dealers to determine if the customer's vehicle meets the parameters of the subject warranty extension program described.
196	No applicable
197	Audi of America warranty records will be reviewed by the servicing Audi dealer to determine if the customer's vehicle meets the parameters of the subject warranty extension program described.
198	Audi of America warranty records will be reviewed by the servicing Audi dealer to determine if the customer's vehicle meets the parameters of the subject warranty extension program described.
199	Audi of America warranty records will be reviewed by the servicing Audi dealer to determine if the customer's vehicle meets the parameters of the subject warranty extension program described.
200	Audi of America warranty records will be reviewed by the servicing Audi dealer to determine if the customer's vehicle meets the parameters of the subject warranty extension program described.
201	Audi of America warranty records will be reviewed by the servicing Audi dealer to determine if the customer's vehicle meets the parameters of the subject warranty extension program described.
202	None.
203	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
204	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
205	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
206	No pre-conditions exist. Repair will be made free-of-charge.
207	There will be no restrictions on eligibility.
208	There will be no restrictions on eligibility.
209	There will be no restrictions on eligibility.
210	There will be no restrictions on eligibility.
211	There will be no restrictions on eligibility.
212	There will be no restrictions on eligibility.
213	No applicable
214	No applicable
215	No applicable

	Y
183	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
184	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
185	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
186	The vehicle should be returned to the dealer, which will reflash the ECM with the supplied software. Owners may obtain the repair service any time after receipt of the notification
187	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action on or about March 17, 2014. Affected Audi owners will be mailed a notification of campaign on or about March 17, 2014.
188	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action on or about March 17, 2014. Affected Audi owners will be mailed a notification of campaign on or about March 17, 2014.
189	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action on or about March 17, 2014. Affected Audi owners will be mailed a notification of campaign on or about March 17, 2014.
190	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action on or about March 17, 2014. Affected Audi owners will be mailed a notification of campaign on or about March 17, 2014.
191	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action on or about March 17, 2014. Affected Audi owners will be mailed a notification of campaign on or about March 17, 2014.
192	The vehicle should be returned to the dealer, who will replace the fuel tank transfer tube. Owners may obtain the repair service any time after receipt of the notification.
193	See Owner Notification Letter.
194	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
195	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
196	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
197	All authorized Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
198	All authorized Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
199	All authorized Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
200	All authorized Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
201	All authorized Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
202	The vehicle should be returned to the dealer, who will perform the repairs. Owners mayobtain the repair service any time after receipt of the notification.
203	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
204	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
205	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
206	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
207	As all Mazda dealers will be provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in February 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
208	As all Mazda dealers will be provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in February 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
209	As all Mazda dealers will be provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in February 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
210	As all Mazda dealers will be provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in February 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
211	As all Mazda dealers will be provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in February 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
212	As all Mazda dealers will be provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in February 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
213	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
214	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
215	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.

	Z
183	There is no authorized warranty agents or persons other than dealers.
184	There is no authorized warranty agents or persons other than dealers.
185	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
186	None
187	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
188	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
189	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
190	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
191	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
192	None.
193	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
194	It is anticipated that all affected vehicles will be remedied by authorized VW dealers.
195	It is anticipated that all affected vehicles will be remedied by authorized VW dealers.
196	There is no authorized warranty agents or persons other than dealers.
197	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers
198	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers
199	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers
200	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers
201	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers
202	None.
203	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
204	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
205	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
206	Work can only be performed by an authorized Honda dealership.
207	Repair work will be performed only by authorized Mazda dealers.
208	Repair work will be performed only by authorized Mazda dealers.
209	Repair work will be performed only by authorized Mazda dealers.
210	Repair work will be performed only by authorized Mazda dealers.
211	Repair work will be performed only by authorized Mazda dealers.
212	Repair work will be performed only by authorized Mazda dealers.
213	There is no authorized warranty agents or persons other than dealers.
214	There is no authorized warranty agents or persons other than dealers.
215	There is no authorized warranty agents or persons other than dealers.

	AA
183	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
184	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
185	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
186	Cummins will supply Chrysler with the correct calibration software, and Chrysler will supply all of its dealers with this calibration software that the dealers will use to reprogram the ECM.
187	This action is a software update only, therefore there are no parts allocation.
188	This action is a software update only, therefore there are no parts allocation.
189	This action is a software update only, therefore there are no parts allocation.
190	This action is a software update only, therefore there are no parts allocation.
191	This action is a software update only, therefore there are no parts allocation.
192	Chrysler will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
193	Dealers are to obtain parts for this repair through the Special Service Support Center.
194	Affected authorized VW dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
195	Affected authorized VW dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
196	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
197	Affected authorized Audi dealers will be supplied a sufficient quantity of parts (if applicable) to repair the involved vehicles, through the normal Volkswagen Group parts system
198	Affected authorized Audi dealers will be supplied a sufficient quantity of parts (if applicable) to repair the involved vehicles, through the normal Volkswagen Group parts system
199	Affected authorized Audi dealers will be supplied a sufficient quantity of parts (if applicable) to repair the involved vehicles, through the normal Volkswagen Group parts system
200	Affected authorized Audi dealers will be supplied a sufficient quantity of parts (if applicable) to repair the involved vehicles, through the normal Volkswagen Group parts system
201	Affected authorized Audi dealers will be supplied a sufficient quantity of parts (if applicable) to repair the involved vehicles, through the normal Volkswagen Group parts system
202	Chrysler will supply all dealers with the updated calibration and software required toreprogram the PCM.
203	There are no parts replacements involved.
204	There are no parts replacements involved.
205	There are no parts replacements involved.
206	Software update, no parts required.E-VTC gear replacement may be required for some vehicles, there is an adequate supply of gears in stock and on order the handle anticipated demand.
207	The necessary modified software for repair will be available at any authorized Mazda dealers.
208	The necessary modified software for repair will be available at any authorized Mazda dealers.
209	The necessary modified software for repair will be available at any authorized Mazda dealers.
210	The necessary modified software for repair will be available at any authorized Mazda dealers.
211	The necessary modified software for repair will be available at any authorized Mazda dealers.
212	The necessary modified software for repair will be available at any authorized Mazda dealers.
213	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
214	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
215	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.

	AB
183	Hino submits a EDIR Version 2 #CBI_HMX_DRE_0003_BD_R02 at 4.23.2013. Although, the number did not reach the requirement for the initiation of recalls under the relevant federal laws, Hino will start voluntary recalls to prevent the occurrence of further troubles. Manufacturer VERR #A7710 will be implemented as New plan #A8670 by the reprogramming of ECU with the most up-to-date program.
184	Hino submits a EDIR Version 2 #CBI_HMX_DRE_0003_BD_R02 at 4.23.2013. Although, the number did not reach the requirement for the initiation of recalls under the relevant federal laws, Hino will start voluntary recalls to prevent the occurrence of further troubles. Manufacturer VERR #A7710 will be implemented as New plan #A8670 by the reprogramming of ECU with the most up-to-date program.
185	
186	Cummins will communicate the progress of the recall based on data collected by Chrysler through the six quarterly reports.
187	Forwarding Letter - CBI
188	Forwarding Letter - CBI
189	Forwarding Letter - CBI
190	Forwarding Letter - CBI
191	Forwarding Letter - CBI
192	
193	
194	Forwarding letter - CBI
195	Forwarding letter - CBI
196	This failure occurred in CANADA, did not occur in USA. Hino submitted a EDIR CBI_HMX_DRE_0011_BD_R00. Hino will start voluntary recalls to prevent the occurrence of further troubles.
197	Forwarding letter - CBI
198	Forwarding letter - CBI
199	Forwarding letter - CBI
200	Forwarding letter - CBI
201	Forwarding letter - CBI
202	
203	
204	
205	
206	Attachments:Honda Product Update TBS 13-102 issued November 26, 2013Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for
207	Mazda assigned a recall number #7113L on this service action.The number covered by recall in each test group is fewer than the total production volume reported in EDIR #0007, because approximately the 30% of total vehicles produced have been repaired with a service program to reprogram the PCM with the modified software
208	Mazda assigned a recall number #7113L on this service action.The number covered by recall in each test group is fewer than the total production volume reported in EDIR #0007, because approximately the 30% of total vehicles produced have been repaired with a service program to reprogram the PCM with the modified software
209	Mazda assigned a recall number #7113L on this service action.The number covered by recall in each test group is fewer than the total production volume reported in EDIR #0007, because approximately the 30% of total vehicles produced have been repaired with a service program to reprogram the PCM with the modified software
210	Mazda assigned a recall number #7113L on this service action.The number covered by recall in each test group is fewer than the total production volume reported in EDIR #0007, because approximately the 30% of total vehicles produced have been repaired with a service program to reprogram the PCM with the modified software
211	Mazda assigned a recall number #7113L on this service action.The number covered by recall in each test group is fewer than the total production volume reported in EDIR #0007, because approximately the 30% of total vehicles produced have been repaired with a service program to reprogram the PCM with the modified software
212	Mazda assigned a recall number #7113L on this service action.The number covered by recall in each test group is fewer than the total production volume reported in EDIR #0007, because approximately the 30% of total vehicles produced have been repaired with a service program to reprogram the PCM with the modified software
213	Hino submitted a EDIR CBI_HMX_DRE_0009_BD_R03 .
214	Hino submitted a EDIR CBI_HMX_DRE_0009_BD_R03 .
215	Hino submitted a EDIR CBI_HMX_DRE_0009_BD_R03 .

	AC	AD	AE
183	No impact		2043
184	No impact		2043
185	The proposed changes have no impact on fuel economy.		2423
186	None		2503
187	Not applicable		2683
188	Not applicable		2683
189	Not applicable		2683
190	Not applicable		2683
191	Not applicable		2683
192	None.		2303
193	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		2323
194	Not applicable		2363
195	Not applicable		2363
196	No impact		3063
197	Not applicable		2283
198	Not applicable		2283
199	Not applicable		2283
200	Not applicable		2283
201	Not applicable		2283
202	None.		2563
203	Navistar, Inc. does not have sufficient data to make a conclusion.		2744
204	Navistar, Inc. does not have sufficient data to make a conclusion.		2744
205	Navistar, Inc. does not have sufficient data to make a conclusion.		2744
206	None.		2583
207	There is no impact on fuel economy.		2643
208	There is no impact on fuel economy.		2643
209	There is no impact on fuel economy.		2643
210	There is no impact on fuel economy.		2643
211	There is no impact on fuel economy.		2643
212	There is no impact on fuel economy.		2643
213	No impact		3067
214	No impact		3067
215	No impact		3067

	AF	AG	AH	AI
183	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
184	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
185		1	Y	N
186		2	Y	N
187		4	Y	Y
188		4	Y	Y
189		4	Y	Y
190		4	Y	Y
191		4	Y	Y
192		2	Y	N
193		5	Y	N
194		5	Y	N
195		5	Y	N
196	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
197		3	Y	N
198		3	Y	N
199		3	Y	N
200		3	Y	N
201		3	Y	N
202		2	Y	N
203		4	Y	Y
204		4	Y	Y
205		4	Y	Y
206	To update notes and add related document.	1	N	N
207		4	Y	Y
208		4	Y	Y
209		4	Y	Y
210		4	Y	Y
211		4	Y	Y
212		4	Y	Y
213	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
214	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
215	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y

	AJ	AK	AL	AM
183	N	Y	112577	No impact
184	N	Y	112577	No impact
185	N	N	125096	The proposed changes have no impact on drivability.
186	N	N	127381	None
187	N	Y	139349	Rough engine running during catalyst heating period and or harsh engine speed limitation at approximately 7,200 rpm (manual transmission only).
188	N	Y	139349	Rough engine running during catalyst heating period and or harsh engine speed limitation at approximately 7,200 rpm (manual transmission only).
189	N	Y	139349	Rough engine running during catalyst heating period and or harsh engine speed limitation at approximately 7,200 rpm (manual transmission only).
190	N	Y	139349	Rough engine running during catalyst heating period and or harsh engine speed limitation at approximately 7,200 rpm (manual transmission only).
191	N	Y	139349	Rough engine running during catalyst heating period and or harsh engine speed limitation at approximately 7,200 rpm (manual transmission only).
192	N	N	119852	None.
193	N	N	121539	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
194	N	Y	123338	Not applicable
195	N	Y	123338	Not applicable
196	N	Y	125892	No impact
197	N	Y	119654	Not applicable
198	N	Y	119654	Not applicable
199	N	Y	119654	Not applicable
200	N	Y	119654	Not applicable
201	N	Y	119654	Not applicable
202	N	N	131134	None.
203	N	N	137990	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
204	N	N	137990	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
205	N	N	137990	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
206	N	N	132256	None.
207	Y	N	138173	There is no impact on drivability.
208	Y	N	138173	There is no impact on drivability.
209	Y	N	138173	There is no impact on drivability.
210	Y	N	138173	There is no impact on drivability.
211	Y	N	138173	There is no impact on drivability.
212	Y	N	138173	There is no impact on drivability.
213	N	Y	139940	No impact
214	N	Y	139940	No impact
215	N	Y	139940	No impact

	AN	AO	AP	AQ	AR
183	No impact	N	1649	2	0003
184	No impact	N	1649	2	0003
185	The proposed changes have no impact safety.	N	2029	1	1226
186	None	N	2109	0	0001
187	Not applicable	N	2309	0	0040
188	Not applicable	N	2309	0	0040
189	Not applicable	N	2309	0	0040
190	Not applicable	N	2309	0	0040
191	Not applicable	N	2309	0	0040
192	None.	N	1909	0	1304
193	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1929	0	1313
194	Not applicable	N	1969	0	0017,0016
195	Not applicable	N	1969	0	0017,0016
196	No impact	N	3212	0	0011
197	Not applicable	N	1889	0	0037
198	Not applicable	N	1889	0	0037
199	Not applicable	N	1889	0	0037
200	Not applicable	N	1889	0	0037
201	Not applicable	N	1889	0	0037
202	None.	N	2169	0	1212
203	None.	N	2370	0	0021
204	None.	N	2370	0	0021
205	None.	N	2370	0	0021
206	None.	Y	2189	1	0039
207	There is no impact on safety.	N	2249	0	0007
208	There is no impact on safety.	N	2249	0	0007
209	There is no impact on safety.	N	2249	0	0007
210	There is no impact on safety.	N	2249	0	0007
211	There is no impact on safety.	N	2249	0	0007
212	There is no impact on safety.	N	2249	0	0007
213	No impact	N	3210	0	0009
214	No impact	N	3210	0	0009
215	No impact	N	3210	0	0009

	A5	AT	AU
183	N		1
184	N		1
185	Y		1
186	Y		1
187	Y	3/18/2014	1
188	Y	3/18/2014	1
189	Y	3/18/2014	1
190	Y	3/18/2014	1
191	Y	3/18/2014	1
192	Y	7/20/2013	1
193	Y		1
194	Y	8/30/2013	1
195	Y	8/30/2013	1
196	N		1
197	Y	8/14/2013	1
198	Y	8/14/2013	1
199	Y	8/14/2013	1
200	Y	8/14/2013	1
201	Y	8/14/2013	1
202	Y	11/12/2013	1
203	N		1
204	N		1
205	N	11/30/2013	1
206	N	2/15/2014	1
207	Y	2/15/2014	1
208	Y	2/15/2014	1
209	Y	2/15/2014	1
210	Y	2/15/2014	1
211	Y	2/15/2014	1
212	Y	2/15/2014	1
213	N		1
214	N		1
215	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
216	9183	3/5/2014	2013	CLF	0001	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	99	Y					Todd Trauman	ttrauman@enginecert.com	916-435-2378
217	7740	10/30/2013	2013	FMX	13E03	Light-Duty Vehicles and Trucks	37429	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404
218	9220	3/12/2014	2012	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	24914	N					Nelson Borja	nelson.borja@navistar.com	3313321764
219	9220	3/12/2014	2011	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	24914	N					Nelson Borja	nelson.borja@navistar.com	3313321764
220	9220	3/12/2014	2010	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	24914	N					Nelson Borja	nelson.borja@navistar.com	3313321764
221	7200	9/11/2013	2010	FMX	13N01	Light-Duty Vehicles and Trucks	203952	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404
222	7200	9/11/2013	2009	FMX	13N01	Light-Duty Vehicles and Trucks	203952	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404
223	7200	9/11/2013	2008	FMX	13N01	Light-Duty Vehicles and Trucks	203952	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404
224	7281	9/17/2013	2012	HMX	A8790	Heavy-Duty Highway Gas and Diesel Engines	16331	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
225	7281	9/17/2013	2011	HMX	A8790	Heavy-Duty Highway Gas and Diesel Engines	16331	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
226	7281	9/17/2013	2010	HMX	A8790	Heavy-Duty Highway Gas and Diesel Engines	16331	Y					Mr Yoshinori Yoshigoe	yoshinori.yoshigoe@hino.co.jp	+81-42-586-5495
227	8580	1/8/2014	2014	GMX	1230	Light-Duty Vehicles and Trucks	18587	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
228	7701	10/29/2013	2008	TYX	Toyota-VERR-20131029	Light-Duty Vehicles and Trucks	133100	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
229	7701	10/29/2013	2007	TYX	Toyota-VERR-20131029	Light-Duty Vehicles and Trucks	133100	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
230	7701	10/29/2013	2006	TYX	Toyota-VERR-20131029	Light-Duty Vehicles and Trucks	133100	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
231	7701	10/29/2013	2010	TYX	Toyota-VERR-20131029	Light-Duty Vehicles and Trucks	133100	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
232	7701	10/29/2013	2009	TYX	Toyota-VERR-20131029	Light-Duty Vehicles and Trucks	133100	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
233	7880	11/11/2013	2013	CRX	N54	Light-Duty Vehicles and Trucks	775	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
234	7900	11/12/2013	2014	HNX	PUDR-13-021 (JC6)	Light-Duty Vehicles and Trucks	491	N					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418
235	8981	2/20/2014	2012	CRX	P01	Light-Duty Vehicles and Trucks	133879	N					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
236	8981	2/20/2014	2011	CRX	P01	Light-Duty Vehicles and Trucks	133879	N					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
237	8981	2/20/2014	2010	CRX	P01	Light-Duty Vehicles and Trucks	133879	N					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
238	8981	2/20/2014	2009	CRX	P01	Light-Duty Vehicles and Trucks	133879	N					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
239	9521	4/7/2014	2012	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	25157	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
240	9521	4/7/2014	2011	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	25157	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
241	9521	4/7/2014	2010	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	25157	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
242	9241	3/13/2014	2013	NVX	032114	Heavy-Duty Highway Gas and Diesel Engines	7078	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
243	9440	3/31/2014	2010	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	N					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
244	9440	3/31/2014	2009	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	N					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
245	9440	3/31/2014	2008	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	N					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
246	9440	3/31/2014	2007	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	N					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
247	9440	3/31/2014	2006	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	N					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864

	P	Q	R	S	T
216	steve.bridson@cleanfuelusa.com	Fuel Tank Component	2/17/2014	2014	1
217		On-Board Diagnostic (OBD) System	10/10/2013	2013	1303
218	nelson.borja@navistar.com	Diesel Particulate Filter System	5/23/2013	2013	3
219	nelson.borja@navistar.com	Diesel Particulate Filter System	5/23/2013	2013	3
220	nelson.borja@navistar.com	Diesel Particulate Filter System	5/23/2013	2013	3
221		Fuel Delivery Component	8/21/2013	2013	1301
222		Fuel Delivery Component	8/21/2013	2013	1301
223		Fuel Delivery Component	8/21/2013	2013	1301
224		Selective Catalytic Reduction System	10/7/2013	2013	11
225		Selective Catalytic Reduction System	10/7/2013	2013	11
226		Selective Catalytic Reduction System	10/7/2013	2013	11
227		Fuel Delivery Component	1/15/2014	2014	1230
228	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	10/28/2013	2013	3
229	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	10/28/2013	2013	3
230	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	10/28/2013	2013	3
231	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	10/28/2013	2013	3
232	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	10/28/2013	2013	3
233	dwr1@chrysler.com	Computer Related (Other than OBD)	11/1/2013	2013	1354
234		Computer Related (Other than OBD)	11/29/2013	2013	6
235	dwr1@chrysler.com	Air Inlet/Intake System	2/19/2014	2014	1401
236	dwr1@chrysler.com	Air Inlet/Intake System	2/19/2014	2014	1401
237	dwr1@chrysler.com	Air Inlet/Intake System	2/19/2014	2014	1401
238	dwr1@chrysler.com	Air Inlet/Intake System	2/19/2014	2014	1401
239	nelson.borja@navistar.com	Computer Related (Other than OBD)	5/23/2013	2013	3
240	nelson.borja@navistar.com	Computer Related (Other than OBD)	5/23/2013	2013	3
241	nelson.borja@navistar.com	Computer Related (Other than OBD)	5/23/2013	2013	3
242	nelson.borja@navistar.com	On-Board Diagnostic (OBD) System	3/13/2014	2014	4
243		Fuel Delivery Component	4/21/2014	2014	7
244		Fuel Delivery Component	4/21/2014	2014	7
245		Fuel Delivery Component	4/21/2014	2014	7
246		Fuel Delivery Component	4/21/2014	2014	7
247		Fuel Delivery Component	4/21/2014	2014	7

	U
216	Some vehicles equipped with the CleanFUELUSA propane system may experience fuel pump failures. Typical fuel pump failures result in vehicles not starting.
217	Some 2013 Ford F150 trucks with 3.5L engines and R23 level calibrations may have Powertrain Control Module (PCM) software that does not allow the Catalyst Monitor Sensor (CMS) On-Board Diagnostic (OBD) test to complete. A portion of the software pertaining to the CMS diagnostic was inadvertently omitted from the final rel
218	Regeneration control calibration is adversely affected by operating in high ambient temperature environments.
219	Regeneration control calibration is adversely affected by operating in high ambient temperature environments.
220	Regeneration control calibration is adversely affected by operating in high ambient temperature environments.
221	Some 2008-2010 model year Ford Explorer and Mercury Mountaineer trucks with 'Easy Fuel', capless fuel systems may exhibit illumination of the Malfunction Indicator Lamp (MIL) or fuel odor due to damaged fuel filler tubes. The door in these tube assemblies may become damaged when customers fail to fully insert the fuel nozz
222	Some 2008-2010 model year Ford Explorer and Mercury Mountaineer trucks with 'Easy Fuel', capless fuel systems may exhibit illumination of the Malfunction Indicator Lamp (MIL) or fuel odor due to damaged fuel filler tubes. The door in these tube assemblies may become damaged when customers fail to fully insert the fuel nozz
223	Some 2008-2010 model year Ford Explorer and Mercury Mountaineer trucks with 'Easy Fuel', capless fuel systems may exhibit illumination of the Malfunction Indicator Lamp (MIL) or fuel odor due to damaged fuel filler tubes. The door in these tube assemblies may become damaged when customers fail to fully insert the fuel nozz
224	The purpose of this field fix is to prevent a fault MIL due to the DEF dosing system as current HinoOBD system cannot distinguish freezing from clogging in an extreme cold condition. Accordingto the investigation of the fault MIL incidents, we found that the DEF heating system fitted withcovers on tubes of DEF line was not sufficient t
225	The purpose of this field fix is to prevent a fault MIL due to the DEF dosing system as current HinoOBD system cannot distinguish freezing from clogging in an extreme cold condition. Accordingto the investigation of the fault MIL incidents, we found that the DEF heating system fitted withcovers on tubes of DEF line was not sufficient t
226	The purpose of this field fix is to prevent a fault MIL due to the DEF dosing system as current HinoOBD system cannot distinguish freezing from clogging in an extreme cold condition. Accordingto the investigation of the fault MIL incidents, we found that the DEF heating system fitted withcovers on tubes of DEF line was not sufficient t
227	Up to 543 2014 Chevrolet Silverado and GMC Sierra trucks, built at the General Motors Silao assembly plant, from May 6, 2013 through June 14, 2013, may have been built with an incorrect fuel pump assembly. The suspect fuel pumps were built by the supplier with an incorrect fuel pressure regulator. Although the incorrect fuel
228	Toyota initiated a safety recall to replace the Intelligent Power Module (IPM) in the inverter assembly on certain Toyota 2006 through 2010 Highlander HV and Lexus 2006 through 2008 MY RX400h vehicles. This safety issue is concerned with a specific malfunction for hybrid system stop and/or Malfunction Indicator Light (MIL) ??
229	Toyota initiated a safety recall to replace the Intelligent Power Module (IPM) in the inverter assembly on certain Toyota 2006 through 2010 Highlander HV and Lexus 2006 through 2008 MY RX400h vehicles. This safety issue is concerned with a specific malfunction for hybrid system stop and/or Malfunction Indicator Light (MIL) ??
230	Toyota initiated a safety recall to replace the Intelligent Power Module (IPM) in the inverter assembly on certain Toyota 2006 through 2010 Highlander HV and Lexus 2006 through 2008 MY RX400h vehicles. This safety issue is concerned with a specific malfunction for hybrid system stop and/or Malfunction Indicator Light (MIL) ??
231	Toyota initiated a safety recall to replace the Intelligent Power Module (IPM) in the inverter assembly on certain Toyota 2006 through 2010 Highlander HV and Lexus 2006 through 2008 MY RX400h vehicles. This safety issue is concerned with a specific malfunction for hybrid system stop and/or Malfunction Indicator Light (MIL) ??
232	Toyota initiated a safety recall to replace the Intelligent Power Module (IPM) in the inverter assembly on certain Toyota 2006 through 2010 Highlander HV and Lexus 2006 through 2008 MY RX400h vehicles. This safety issue is concerned with a specific malfunction for hybrid system stop and/or Malfunction Indicator Light (MIL) ??
233	Some RAM 1500 trucks were built at the end of 2013MY with development Powertrain Control Module (PCM) software. The PCM part numbers were released for pilot vehicle builds, cancelled, and then reused for a running change at the end of the model year. Although new calibrations were sent to the assembly plant, the flash station files were inadvertently not updated, so the development software was retained. As such, trucks were built with the correct PCM part number, but incorrect software was flashed into them.
234	The E-VTC software in the engine control unit allows the camshaft gear to impact the stopper at excessively high speeds, leading to deformation of the sprocket gear and potentially reduced engine output. The MIL illuminates for "Variable Valve Timing Control (VTC) System Malfunction".
235	Some 5.7L engines equipped with MDS, VVT and axle ratios of 3.06, 3.73 or 3.92 that have an injection molded tight side chain guide may fracture and cause the timing chain to break, which, if that occurs may cause the vehicles to experience loss of engine power. Root cause analysis identified higher camshaft torsional vibrations
236	Some 5.7L engines equipped with MDS, VVT and axle ratios of 3.06, 3.73 or 3.92 that have an injection molded tight side chain guide may fracture and cause the timing chain to break, which, if that occurs may cause the vehicles to experience loss of engine power. Root cause analysis identified higher camshaft torsional vibrations
237	Some 5.7L engines equipped with MDS, VVT and axle ratios of 3.06, 3.73 or 3.92 that have an injection molded tight side chain guide may fracture and cause the timing chain to break, which, if that occurs may cause the vehicles to experience loss of engine power. Root cause analysis identified higher camshaft torsional vibrations
238	Some 5.7L engines equipped with MDS, VVT and axle ratios of 3.06, 3.73 or 3.92 that have an injection molded tight side chain guide may fracture and cause the timing chain to break, which, if that occurs may cause the vehicles to experience loss of engine power. Root cause analysis identified higher camshaft torsional vibrations
239	Regeneration control calibration is adversely affected by operating in high ambient temperature environments.
240	Regeneration control calibration is adversely affected by operating in high ambient temperature environments.
241	Regeneration control calibration is adversely affected by operating in high ambient temperature environments.
242	OBD False Positive Fault Codes (MF DT): Vehicles equipped with 2013MY engines are experiencing numerous positive fault codes related to OBD Monitors. DPF requent Regeneration (MF 9 & 10): *Excessive DPF overload, high soot levels in DPF *Can't burn sufficient soot in DPF during regen *Insufficient oxygen in exhaust + excessive soot made during regen *Exhaust restriction target set too low during calibration development
243	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
244	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
245	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
246	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
247	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.

	V
216	Dealers are to clean the fuel tanks and the tank magnets, and replace the fuel pump.
217	Affected vehicles will be updated with an updated calibration that completes the full CMS diagnostic.
218	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
219	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
220	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
221	Affected vehicles will receive warranty coverage for single repair when a damaged flapper door results in illumination of the MIL. Coverage is extended to 15 years or 150,000 miles. Additionally vehicles that have already accumulated more than 150,000 miles, may receive coverage for this repair until February 28 , 2014.
222	Affected vehicles will receive warranty coverage for single repair when a damaged flapper door results in illumination of the MIL. Coverage is extended to 15 years or 150,000 miles. Additionally vehicles that have already accumulated more than 150,000 miles, may receive coverage for this repair until February 28 , 2014.
223	Affected vehicles will receive warranty coverage for single repair when a damaged flapper door results in illumination of the MIL. Coverage is extended to 15 years or 150,000 miles. Additionally vehicles that have already accumulated more than 150,000 miles, may receive coverage for this repair until February 28 , 2014.
224	DCU software program improved.We decided to add the DCU enabled condition of OBD monitoring of ???ambient temperature>=-20 degree C??? as described in the specification table attached. (Please refer to the attachedmeeting material with ARB OBD group held on June 25, 2013, relating to this field fix.)However, there are
225	DCU software program improved.We decided to add the DCU enabled condition of OBD monitoring of ???ambient temperature>=-20 degree C??? as described in the specification table attached. (Please refer to the attachedmeeting material with ARB OBD group held on June 25, 2013, relating to this field fix.)However, there are
226	DCU software program improved.We decided to add the DCU enabled condition of OBD monitoring of ???ambient temperature>=-20 degree C??? as described in the specification table attached. (Please refer to the attachedmeeting material with ARB OBD group held on June 25, 2013, relating to this field fix.)However, there are
227	General Motors will conduct a Voluntary Emission Recall to inspect all suspect trucks in dealer inventory prior to sale and replace any fuel pump module assemblies that have an incorrect fuel pressure regulator. Additionally, any suspect trucks that have been previously sold will be monitored through the General Motors On Sta
228	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and replacement IPM in the inverter assembly.
229	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and replacement IPM in the inverter assembly.
230	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and replacement IPM in the inverter assembly.
231	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and replacement IPM in the inverter assembly.
232	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and replacement IPM in the inverter assembly.
233	Chrysler will perform a voluntary emissions recall (N54) to reprogram the PCM with the correct software on affected vehicles.
234	The PCM will be updated with a correct programming by a Honda dealership.
235	Chrysler will conduct an emission related voluntary Customer Satisfaction Notification (P01) on all affected vehicles to replace the timing chain, the tensioner, and a guide (metal reinforced).
236	Chrysler will conduct an emission related voluntary Customer Satisfaction Notification (P01) on all affected vehicles to replace the timing chain, the tensioner, and a guide (metal reinforced).
237	Chrysler will conduct an emission related voluntary Customer Satisfaction Notification (P01) on all affected vehicles to replace the timing chain, the tensioner, and a guide (metal reinforced).
238	Chrysler will conduct an emission related voluntary Customer Satisfaction Notification (P01) on all affected vehicles to replace the timing chain, the tensioner, and a guide (metal reinforced).
239	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
240	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
241	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
242	The repair will involve recalibration of the ECM software. Dealers have software and instructions to repair the vehicle. The repair will be performed free of charge and take approximately 45 minutes to complete, and as described on Service Procedure VER 14503 - will be submitted under separate cover.
243	The fuel filter set will be inspected, and if necessary, replaced by a Honda dealership.
244	The fuel filter set will be inspected, and if necessary, replaced by a Honda dealership.
245	The fuel filter set will be inspected, and if necessary, replaced by a Honda dealership.
246	The fuel filter set will be inspected, and if necessary, replaced by a Honda dealership.
247	The fuel filter set will be inspected, and if necessary, replaced by a Honda dealership.

	W
216	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
217	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
218	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
219	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
220	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
221	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
222	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
223	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
224	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
225	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
226	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
227	The suspect unsold dealer inventory vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. For the specific General Motors Vehicle Identification Numbers that are determined to have incorrect fue
228	Lexus and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
229	Lexus and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
230	Lexus and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
231	Lexus and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
232	Lexus and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
233	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (i.e. Department of Motor Vehicles). Experian sends this updated information to Chrysler which is then used to mail letters to vehicle owners.
234	American Honda will use its new vehicle purchase records.
235	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
236	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
237	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
238	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
239	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
240	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
241	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
242	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
243	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
244	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
245	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
246	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
247	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.

	X
216	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
217	Eligibility for this program is not conditioned upon proper maintenance or use.
218	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
219	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
220	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
221	Eligibility for this program is not conditioned on proper maintenance or use.
222	Eligibility for this program is not conditioned on proper maintenance or use.
223	Eligibility for this program is not conditioned on proper maintenance or use.
224	No applicable
225	No applicable
226	No applicable
227	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
228	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota motor Sales, U.S.A. Inc. for reimbursement consideration.
229	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota motor Sales, U.S.A. Inc. for reimbursement consideration.
230	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota motor Sales, U.S.A. Inc. for reimbursement consideration.
231	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota motor Sales, U.S.A. Inc. for reimbursement consideration.
232	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota motor Sales, U.S.A. Inc. for reimbursement consideration.
233	None.
234	No pre-conditions exist. Repair will be made free-of-charge.
235	None.
236	None.
237	None.
238	None.
239	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
240	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
241	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
242	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor excessive DPF load and high soot levels on DPF. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, ligh
243	No pre-conditions exist. Repair will be made free-of-charge.
244	No pre-conditions exist. Repair will be made free-of-charge.
245	No pre-conditions exist. Repair will be made free-of-charge.
246	No pre-conditions exist. Repair will be made free-of-charge.
247	No pre-conditions exist. Repair will be made free-of-charge.

	Y
216	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
217	See Owner Notification Letter.
218	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
219	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
220	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
221	See Owner Notification Letter.
222	See Owner Notification Letter.
223	See Owner Notification Letter.
224	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
225	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
226	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
227	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
228	The notification letter will include a recommendation that the owners drive the vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
229	The notification letter will include a recommendation that the owners drive the vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
230	The notification letter will include a recommendation that the owners drive the vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
231	The notification letter will include a recommendation that the owners drive the vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
232	The notification letter will include a recommendation that the owners drive the vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
233	The vehicle should be returned to the dealer, which will perform the repairs. Owners may obtain the repair service any time after receipt of the notification.
234	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
235	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
236	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
237	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
238	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
239	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
240	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
241	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
242	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
243	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
244	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
245	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
246	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
247	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.

	Z
216	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
217	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
218	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
219	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
220	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
221	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
222	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
223	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
224	There is no authorized warranty agents or persons other than dealers.
225	There is no authorized warranty agents or persons other than dealers.
226	There is no authorized warranty agents or persons other than dealers.
227	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
228	The repair will be performed at Lexus and Toyota dealerships only, and will take approximately 4 hours. However, this period may be longer depending upon the dealers work schedule.
229	The repair will be performed at Lexus and Toyota dealerships only, and will take approximately 4 hours. However, this period may be longer depending upon the dealers work schedule.
230	The repair will be performed at Lexus and Toyota dealerships only, and will take approximately 4 hours. However, this period may be longer depending upon the dealers work schedule.
231	The repair will be performed at Lexus and Toyota dealerships only, and will take approximately 4 hours. However, this period may be longer depending upon the dealers work schedule.
232	The repair will be performed at Lexus and Toyota dealerships only, and will take approximately 4 hours. However, this period may be longer depending upon the dealers work schedule.
233	None.
234	Work can only be performed by an authorized Honda dealership.
235	None.
236	None.
237	None.
238	None.
239	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
240	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
241	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
242	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
243	Work can only be performed by an authorized Honda dealership.
244	Work can only be performed by an authorized Honda dealership.
245	Work can only be performed by an authorized Honda dealership.
246	Work can only be performed by an authorized Honda dealership.
247	Work can only be performed by an authorized Honda dealership.

	AA
216	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
217	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
218	There are no parts replacements involved.
219	There are no parts replacements involved.
220	There are no parts replacements involved.
221	Dealers are to obtain parts for this repair through standard ordering procedures.
222	Dealers are to obtain parts for this repair through standard ordering procedures.
223	Dealers are to obtain parts for this repair through standard ordering procedures.
224	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
225	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
226	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
227	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
228	There is sufficient inventory of the replacement parts to accommodate this safety recall.
229	There is sufficient inventory of the replacement parts to accommodate this safety recall.
230	There is sufficient inventory of the replacement parts to accommodate this safety recall.
231	There is sufficient inventory of the replacement parts to accommodate this safety recall.
232	There is sufficient inventory of the replacement parts to accommodate this safety recall.
233	Chrysler will supply all dealers with the updated calibration and software required to reprogram the PCM.
234	Software update, no parts required. E-VTC gear replacement may be required for some vehicles, there is an adequate supply of gears in stock and on order the handle anticipated demand.
235	Chrysler will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
236	Chrysler will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
237	Chrysler will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
238	Chrysler will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
239	There are no parts replacements involved.
240	There are no parts replacements involved.
241	There are no parts replacements involved.
242	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. Three copies of all necessary instructions to be sent to those persons who are to perform the repair.
243	Re-designed parts needed to complete this repair will become available in the summer of 2014. Honda will send customers a letter when those parts become available.
244	Re-designed parts needed to complete this repair will become available in the summer of 2014. Honda will send customers a letter when those parts become available.
245	Re-designed parts needed to complete this repair will become available in the summer of 2014. Honda will send customers a letter when those parts become available.
246	Re-designed parts needed to complete this repair will become available in the summer of 2014. Honda will send customers a letter when those parts become available.
247	Re-designed parts needed to complete this repair will become available in the summer of 2014. Honda will send customers a letter when those parts become available.

	AB
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217	
218	
219	
220	
221	This program is a warranty extension and not a proactive recall repair. Quarterly Reports do not apply.
222	This program is a warranty extension and not a proactive recall repair. Quarterly Reports do not apply.
223	This program is a warranty extension and not a proactive recall repair. Quarterly Reports do not apply.
224	Hino submitted a EDIR CBI_HMX_DRE_0010_BD_R00. Hino will start voluntary recalls to prevent the occurrence of further troubles.
225	Hino submitted a EDIR CBI_HMX_DRE_0010_BD_R00. Hino will start voluntary recalls to prevent the occurrence of further troubles.
226	Hino submitted a EDIR CBI_HMX_DRE_0010_BD_R00. Hino will start voluntary recalls to prevent the occurrence of further troubles.
227	
228	Toyota-VERR-20131029 letter which contains owner notification, dealer notification and repair procedures.
229	Toyota-VERR-20131029 letter which contains owner notification, dealer notification and repair procedures.
230	Toyota-VERR-20131029 letter which contains owner notification, dealer notification and repair procedures.
231	Toyota-VERR-20131029 letter which contains owner notification, dealer notification and repair procedures.
232	Toyota-VERR-20131029 letter which contains owner notification, dealer notification and repair procedures.
233	
234	Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the sp
235	
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243	Attachments: Initial Customer Notification Honda Safety Recall TSB 14-015
244	Attachments: Initial Customer Notification Honda Safety Recall TSB 14-015
245	Attachments: Initial Customer Notification Honda Safety Recall TSB 14-015
246	Attachments: Initial Customer Notification Honda Safety Recall TSB 14-015
247	Attachments: Initial Customer Notification Honda Safety Recall TSB 14-015

	AC	AD	AE
216	The proposed changes have no impact on fuel economy.		2723
217	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		2483
218	Navistar, Inc. does not have sufficient data to make a conclusion.		2763
219	Navistar, Inc. does not have sufficient data to make a conclusion.		2763
220	Navistar, Inc. does not have sufficient data to make a conclusion.		2763
221	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		2343
222	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		2343
223	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		2343
224	No impact		3064
225	No impact		3064
226	No impact		3064
227	The proposed changes have no impact on fuel economy.		2603
228	This repair does not affect fuel economy.		2463
229	This repair does not affect fuel economy.		2463
230	This repair does not affect fuel economy.		2463
231	This repair does not affect fuel economy.		2463
232	This repair does not affect fuel economy.		2463
233	Unknown since the pilot calibrations were never tested.		2523
234	None.		2543
235	None.		2663
236	None.		2663
237	None.		2663
238	None.		2663
239	Navistar, Inc. does not have sufficient data to make a conclusion.		2943
240	Navistar, Inc. does not have sufficient data to make a conclusion.		2943
241	Navistar, Inc. does not have sufficient data to make a conclusion.		2943
242	Navistar does not have sufficient data to analyze the impact.		2783
243	None		2863
244	None		2863
245	None		2863
246	None		2863
247	None		2863

	AF	AG	AH	AI
216		1	N	N
217		2	Y	N
218		4	Y	Y
219		4	Y	Y
220		4	Y	Y
221		2	Y	N
222		2	Y	N
223		2	Y	N
224	Blank "Test Group/Engine Family" area is deleted.	2	Y	Y
225	Blank "Test Group/Engine Family" area is deleted.	2	Y	Y
226	Blank "Test Group/Engine Family" area is deleted.	2	Y	Y
227		1	Y	N
228		1	Y	Y
229		1	Y	Y
230		1	Y	Y
231		1	Y	Y
232		1	Y	Y
233		2	Y	N
234		0	N	N
235		2	Y	N
236		2	Y	N
237		2	Y	N
238		2	Y	N
239	Total Volume per Engine Family Name corrected as indicated.	4	Y	Y
240	Total Volume per Engine Family Name corrected as indicated.	4	Y	Y
241	Total Volume per Engine Family Name corrected as indicated.	4	Y	Y
242		2	Y	N
243		2	Y	N
244		2	Y	N
245		2	Y	N
246		2	Y	N
247		2	Y	N

	AJ	AK	AL	AM
216	N	N	140310	The proposed changes have no impact on drivability.
217	N	N	127212	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
218	N	N	140632	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
219	N	N	140632	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
220	N	N	140632	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
221	N	N	123048	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
222	N	N	123048	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
223	N	N	123048	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
224	N	Y	123431	No impact
225	N	Y	123431	No impact
226	N	Y	123431	No impact
227	N	N	135674	The proposed changes have no impact on drivability.
228	N	Y	127196	This repair will not affect driveability.
229	N	Y	127196	This repair will not affect driveability.
230	N	Y	127196	This repair will not affect driveability.
231	N	Y	127196	This repair will not affect driveability.
232	N	Y	127196	This repair will not affect driveability.
233	N	N	128345	Unknown since the pilot calibrations were never tested.
234	N	N	128516	None.
235	N	N	139225	None.
236	N	N	139225	None.
237	N	N	139225	None.
238	N	N	139225	None.
239	N	N	142155	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
240	N	N	142155	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
241	N	N	142155	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
242	N	N	140772	OBD False Positive Fault Codes (466ST & 570): False positives result when OBD diagnostic fault codes are triggered and set but there are no true concerns with the engine. This results in a driver being improperly notified of an emissions related failure. Additionally, this results in potential unnecessary hardware replacement. Engine and vehicle performance is not affected when a false positive code is set. DPF Frequent Regeneration (570 Only): If the DPF cannot be cleaned by regeneration where ultimately the engine will shutdown. The driver is improperly notified of an emissions related failure by illumination of the MIL. This results in potential unnecessary hardware replacement.
243	N	N	141767	None
244	N	N	141767	None
245	N	N	141767	None
246	N	N	141767	None
247	N	N	141767	None

	AN	AO	AP	AQ	AR
216	The proposed changes have no impact on safety.	N	2349	1	0001
217	Ford engineering judgement indicates that the corrective action should not affect safety.	N	2089	0	1315
218	None.	N	2389	1	0021
219	None.	N	2389	1	0021
220	None.	N	2389	1	0021
221	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1949	0	1106
222	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1949	0	1106
223	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1949	0	1106
224	No impact	N	3429	0	0010
225	No impact	N	3429	0	0010
226	No impact	N	3429	0	0010
227	The proposed changes have no impact safety.	N	2209	1	1230
228	Safety is affected and NHTSA has been notified.	N	2069	0	0004
229	Safety is affected and NHTSA has been notified.	N	2069	0	0004
230	Safety is affected and NHTSA has been notified.	N	2069	0	0004
231	Safety is affected and NHTSA has been notified.	N	2069	0	0004
232	Safety is affected and NHTSA has been notified.	N	2069	0	0004
233	None.	N	2129	0	1312
234	None.	N	2149	0	0039
235	None.	N	2289	0	1310
236	None.	N	2289	0	1310
237	None.	N	2289	0	1310
238	None.	N	2289	0	1310
239	None.	N	2610	3	0021
240	None.	N	2610	3	0021
241	None.	N	2610	3	0021
242	N/A.	N	2669	0	0026
243	It will reduce the risk of a fire.	Y	2489	0	0040
244	It will reduce the risk of a fire.	Y	2489	0	0040
245	It will reduce the risk of a fire.	Y	2489	0	0040
246	It will reduce the risk of a fire.	Y	2489	0	0040
247	It will reduce the risk of a fire.	Y	2489	0	0040

	AS	AT	AU
216	Y	2/28/2014	1
217	Y		1
218	N		1
219	N		1
220	N		1
221	Y		1
222	Y		1
223	Y		1
224	N		1
225	N		1
226	N		1
227	Y		1
228	Y	12/31/2013	1
229	Y	12/31/2013	1
230	Y	12/31/2013	1
231	Y	12/31/2013	1
232	Y	12/31/2013	1
233	Y	11/2/2013	1
234	N	11/30/2013	1
235	Y	2/20/2014	1
236	Y	2/20/2014	1
237	Y	2/20/2014	1
238	Y	2/20/2014	1
239	N		1
240	N		1
241	N		1
242	Y		1
243	N	5/9/2014	1
244	N	5/9/2014	1
245	N	5/9/2014	1
246	N	5/9/2014	1
247	N	5/9/2014	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
248	9440	3/31/2014	2005	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	N					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
249	9780	4/23/2014	2011	FMX	13E04	Light-Duty Vehicles and Trucks	12185	N					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
250	9401	3/26/2014	2012	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	24924	N					Nelson Borja	nelson.borja@navistar.com	3313321764
251	9401	3/26/2014	2011	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	24924	N					Nelson Borja	nelson.borja@navistar.com	3313321764
252	9401	3/26/2014	2010	NVX	020714	Heavy-Duty Highway Gas and Diesel Engines	24924	N					Nelson Borja	nelson.borja@navistar.com	3313321764
253	9402	3/25/2014	2014	TYX	Toyota-VERR-20140325	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
254	9402	3/25/2014	2013	TYX	Toyota-VERR-20140325	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
255	9402	3/25/2014	2012	TYX	Toyota-VERR-20140325	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
256	9402	3/25/2014	2011	TYX	Toyota-VERR-20140325	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
257	9402	3/25/2014	2010	TYX	Toyota-VERR-20140325	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
258	9600	4/8/2014	2013	CRX	N65	Light-Duty Vehicles and Trucks	4316	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
259	9461	4/3/2014	2009	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	25161	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
260	9461	4/3/2014	2008	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	25161	Y					Nelson Borja	nelson.borja@navistar.com	3313321764

	P	Q	R	S	T
248		Fuel Delivery Component	4/21/2014	2014	7
249		On-Board Diagnostic (OBD) System	10/10/2013	2013	1344
250	nelson.borja@navistar.com	Diesel Particulate Filter System	5/23/2013	2013	3
251	nelson.borja@navistar.com	Diesel Particulate Filter System	5/23/2013	2013	3
252	nelson.borja@navistar.com	Diesel Particulate Filter System	5/23/2013	2013	3
253	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	3/14/2014	2014	1
254	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	3/14/2014	2014	1
255	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	3/14/2014	2014	1
256	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	3/14/2014	2014	1
257	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	3/14/2014	2014	1
258	dwr1@chrysler.com	Electrical, Mechanical and Cooling Systems	3/27/2014	2014	1365
259	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	2
260	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	2

	U
248	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
249	Some 2011 Ford Edge, Explorer and Lincoln MKX vehicles may experience a P160A Diagnostic Trouble Code after receiving a Powertrain Control Module (PCM) calibration update in service. This code may be the result of a mis-positioned Vehicle Identification Number (VIN) in the PCM. When the PCM attempts to reconcile its' mi
250	Regeneration control calibration is adversely affected by operating in high ambient temperature environments.
251	Regeneration control calibration is adversely affected by operating in high ambient temperature environments.
252	Regeneration control calibration is adversely affected by operating in high ambient temperature environments.
253	Toyota initiated a safety recall to perform a software update to the Motor Generator ECU and Power Management ECU to preclude damage to certain transistors in the Intelligent Power module (IPM) under certain operating conditions. This recall affects the 2010 through 2014 Prius vehicles. It is concerned with various warning l
254	Toyota initiated a safety recall to perform a software update to the Motor Generator ECU and Power Management ECU to preclude damage to certain transistors in the Intelligent Power module (IPM) under certain operating conditions. This recall affects the 2010 through 2014 Prius vehicles. It is concerned with various warning l
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256	Toyota initiated a safety recall to perform a software update to the Motor Generator ECU and Power Management ECU to preclude damage to certain transistors in the Intelligent Power module (IPM) under certain operating conditions. This recall affects the 2010 through 2014 Prius vehicles. It is concerned with various warning l
257	Toyota initiated a safety recall to perform a software update to the Motor Generator ECU and Power Management ECU to preclude damage to certain transistors in the Intelligent Power module (IPM) under certain operating conditions. This recall affects the 2010 through 2014 Prius vehicles. It is concerned with various warning l
258	Some Dodge Charger, Chrysler 300, and RAM 1500 vehicles, equipped with an all-wheel drive (AWD) 8-speed automatic transmission, may experience a fracture of the transmission output shaft, resulting in the loss of motive power.
259	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.
260	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.

	V
248	The fuel filter set will be inspected, and if necessary, replaced by a Honda dealership.
249	Affected vehicles will be updated with an updated calibration reflash 'learn' command that will correct the VIN mismatch error between the two modules.
250	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
251	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
252	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
253	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and a software update (Reflash) to the Motor Generator ECU and Power Management ECU.
254	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and a software update (Reflash) to the Motor Generator ECU and Power Management ECU.
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256	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and a software update (Reflash) to the Motor Generator ECU and Power Management ECU.
257	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and a software update (Reflash) to the Motor Generator ECU and Power Management ECU.
258	The dealer will test the transmission output shaft. If the transmission output shaft breaks during the test, the transmission assembly must be replaced.
259	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
260	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.

	W
248	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
249	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
250	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
251	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
252	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
253	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
254	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
255	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
256	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
257	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
258	Chrysler provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to Chrysler, which is then used to mail letters to vehicle owners.
259	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
260	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde

	X
248	No pre-conditions exist. Repair will be made free-of-charge.
249	Eligibility for this program is not conditioned upon proper maintenance or use.
250	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
251	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
252	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
253	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
254	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
255	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
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257	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
258	None.
259	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
260	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.

	Y
248	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
249	See Owner Notification Letter.
250	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
251	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
252	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
253	The notification letter will include a recommendation that the owners drive the vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
254	The notification letter will include a recommendation that the owners drive the vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
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256	The notification letter will include a recommendation that the owners drive the vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
257	The notification letter will include a recommendation that the owners drive the vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
258	The vehicle should be returned to the dealer, which will perform the repairs. Owners may obtain the repair service any time after receipt of the notification.
259	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
260	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar

	Z
248	Work can only be performed by an authorized Honda dealership.
249	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
250	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
251	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
252	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
253	The repair will be performed at Toyota dealerships only, and will take approximately 45 minutes. However, this period may be longer depending upon the dealers work schedule.
254	The repair will be performed at Toyota dealerships only, and will take approximately 45 minutes. However, this period may be longer depending upon the dealers work schedule.
255	The repair will be performed at Toyota dealerships only, and will take approximately 45 minutes. However, this period may be longer depending upon the dealers work schedule.
256	The repair will be performed at Toyota dealerships only, and will take approximately 45 minutes. However, this period may be longer depending upon the dealers work schedule.
257	The repair will be performed at Toyota dealerships only, and will take approximately 45 minutes. However, this period may be longer depending upon the dealers work schedule.
258	None.
259	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
260	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.

	AA
248	Re-designed parts needed to complete this repair will become available in the summer of 2014. Honda will send customers a letter when those parts become available.
249	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
250	There are no parts replacements involved.
251	There are no parts replacements involved.
252	There are no parts replacements involved.
253	There is no part replacement since this is a software update.
254	There is no part replacement since this is a software update.
255	There is no part replacement since this is a software update.
256	There is no part replacement since this is a software update.
257	There is no part replacement since this is a software update.
258	The transmission test requires that the PCM be flashed unique with test software that disables torque management in order to apply sufficient torque to evaluate whether an output shaft is defective. Once the test is performed, the PCM will be reflashed with production software. If the transmission fails during testing, the transmission will be replaced. Chrysler has an adequate supply of transmissions in stock to cover the expected failure rate. Both versions of software are available to all dealers.
259	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
260	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.

	AB
248	Attachments: Initial Customer Notification Honda Safety Recall TSB 14-015
249	
250	
251	
252	
253	Toyota VERR-20140325 letter which contains owner notification, dealer notification and repair procedures.
254	Toyota VERR-20140325 letter which contains owner notification, dealer notification and repair procedures.
255	Toyota VERR-20140325 letter which contains owner notification, dealer notification and repair procedures.
256	Toyota VERR-20140325 letter which contains owner notification, dealer notification and repair procedures.
257	Toyota VERR-20140325 letter which contains owner notification, dealer notification and repair procedures.
258	
259	
260	

	AC	AD	AE
248	None		2863
249	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3023
250	Navistar, Inc. does not have sufficient data to make a conclusion.		2823
251	Navistar, Inc. does not have sufficient data to make a conclusion.		2823
252	Navistar, Inc. does not have sufficient data to make a conclusion.		2823
253	This repair will not affect fuel consumption.		2824
254	This repair will not affect fuel consumption.		2824
255	This repair will not affect fuel consumption.		2824
256	This repair will not affect fuel consumption.		2824
257	This repair will not affect fuel consumption.		2824
258	None.		2963
259	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		2903
260	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		2903

	AF	AG	AH	AI
248		2	Y	N
249		2	Y	N
250	Total Volume per Engine Family Name corrected as indicated.	4	Y	Y
251	Total Volume per Engine Family Name corrected as indicated.	4	Y	Y
252	Total Volume per Engine Family Name corrected as indicated.	4	Y	Y
253		1	Y	Y
254		1	Y	Y
255		1	Y	Y
256		1	Y	Y
257		1	Y	Y
258		2	Y	N
259		0	N	N
260		0	N	N

	AJ	AK	AL	AM
248	N	N	141767	None
249	N	N	143199	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
250	N	N	141438	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
251	N	N	141438	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
252	N	N	141438	Due to an incorrect soot prediction model, the normal active regeneration would not occur. This leads to need for a stationary, parked regeneration performed by the driver or operator. If the driver ignores the command to regenerate the DPF, the engine may enter a derate mode causing loss of acceleration and power.
253	N	Y	141439	This repair will not affect driveability.
254	N	Y	141439	This repair will not affect driveability.
255	N	Y	141439	This repair will not affect driveability.
256	N	Y	141439	This repair will not affect driveability.
257	N	Y	141439	This repair will not affect driveability.
258	N	N	142249	None.
259	N	N	141977	Same as above.
260	N	N	141977	Same as above.

	AN	AO	AP	AQ	AR
248	It will reduce the risk of a fire.	Y	2489	0	0040
249	Ford engineering judgement indicates that the corrective action should not affect safety.	N	2729	0	1315
250	None.	N	2449	2	0021
251	None.	N	2449	2	0021
252	None.	N	2449	2	0021
253	Safety is affected and NHTSA has been notified.	N	2450	0	0001
254	Safety is affected and NHTSA has been notified.	N	2450	0	0001
255	Safety is affected and NHTSA has been notified.	N	2450	0	0001
256	Safety is affected and NHTSA has been notified.	N	2450	0	0001
257	Safety is affected and NHTSA has been notified.	N	2450	0	0001
258	None.	N	2629	0	1314
259	N/A.	N	2829	1	0015
260	N/A.	N	2829	1	0015

	AS	AT	AU
248	N	5/9/2014	1
249	Y		1
250	N		1
251	N		1
252	N		1
253	Y	5/1/2014	1
254	Y	5/1/2014	1
255	Y	5/1/2014	1
256	Y	5/1/2014	1
257	Y	5/1/2014	1
258	Y	3/28/2014	1
259	N		1
260	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
261	9461	4/3/2014	2007	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	25161	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
262	9601	4/8/2014	2013	CRX	P05	Light-Duty Vehicles and Trucks	17201	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
263	9601	4/8/2014	2012	CRX	P05	Light-Duty Vehicles and Trucks	17201	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
264	9501	4/4/2014	2009	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	3033	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
265	9501	4/4/2014	2008	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	3033	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
266	9501	4/4/2014	2007	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	3033	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
267	9640	4/10/2014	2014	GMX	1233	Light-Duty Vehicles and Trucks	4923	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
268	9740	4/17/2014	2012	NVX	062913	Heavy-Duty Highway Gas and Diesel Engines	4275	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
269	9740	4/17/2014	2011	NVX	062913	Heavy-Duty Highway Gas and Diesel Engines	4275	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
270	9740	4/17/2014	2010	NVX	062913	Heavy-Duty Highway Gas and Diesel Engines	4275	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
271	9800	4/24/2014	2011	FMX	13E04	Light-Duty Vehicles and Trucks	12185	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
272	9881	4/30/2014	2011	HYX	14-HK-VERR-01	Light-Duty Vehicles and Trucks	71302	N					Ms Christine Ueno	cueno@hatci.com	734-337-3191
273	9883	4/30/2014	2012	KMX	14-HK-VERR-02	Light-Duty Vehicles and Trucks	26864	Y					Ms Christine Ueno	cueno@hatci.com	734-337-3191
274	9883	4/30/2014	2011	KMX	14-HK-VERR-02	Light-Duty Vehicles and Trucks	26864	Y					Ms Christine Ueno	cueno@hatci.com	734-337-3191
275	9961	5/6/2014	2013	CEX	ADR 2013-01	Heavy-Duty Highway Gas and Diesel Engines	1675	Y					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418
276	10020	5/12/2014	2009	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	22231	Y					Nelson Borja	nelson.borja@navistar.com	3313321764

	P	Q	R	S	T
261	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	2
262	dwr1@chrysler.com	Monitoring/Measuring Sensor/System	4/7/2014	2014	1405
263	dwr1@chrysler.com	Monitoring/Measuring Sensor/System	4/7/2014	2014	1405
264	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	5
265	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	5
266	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	5
267		Computer Related (Other than OBD)	4/17/2014	2014	1233
268	nelson.borja@navistar.com	Computer Related (Other than OBD)	5/28/2013	2013	1
269	nelson.borja@navistar.com	Computer Related (Other than OBD)	5/28/2013	2013	1
270	nelson.borja@navistar.com	Computer Related (Other than OBD)	5/28/2013	2013	1
271		On-Board Diagnostic (OBD) System	4/7/2014	2014	1344
272	ADAmbrosi@hatci.com	Computer Related (Other than OBD)	5/15/2014	2014	1
273	adambrosi@hatci.com	Computer Related (Other than OBD)	5/27/2014	2014	2
274	adambrosi@hatci.com	Computer Related (Other than OBD)	5/27/2014	2014	2
275	m.r.stepper@cummins.com	On-Board Diagnostic (OBD) System	12/10/2013	2013	1
276	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	15

	U
261	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.
262	Some 2012 MY-2013 MY Jeep Grand Cherokee and Dodge Durango vehicles may experience a hard brake pedal feel during certain braking events. Root cause analysis determined that the "hard brake" pedal feel was caused by a reduced flow capability within the Traction Control Isolation (TC ISO) Valves during Ready Alert Braking (RAB) events.
263	Some 2012 MY-2013 MY Jeep Grand Cherokee and Dodge Durango vehicles may experience a hard brake pedal feel during certain braking events. Root cause analysis determined that the "hard brake" pedal feel was caused by a reduced flow capability within the Traction Control Isolation (TC ISO) Valves during Ready Alert Braking (RAB) events.
264	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.
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266	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.
267	An incorrect Engine Control Module (ECM) calibration was installed in certain 2014 Camaros equipped with a 3.6L engine, an automatic six speed transmission and a 2.92 axle ratio. Production installation ofthe correct calibration began as of January 15, 2014.
268	Certain 2010, 2011, and 2012 MY MaxxForce 11 engines do not meet emission requirements.
269	Certain 2010, 2011, and 2012 MY MaxxForce 11 engines do not meet emission requirements.
270	Certain 2010, 2011, and 2012 MY MaxxForce 11 engines do not meet emission requirements.
271	Some 2011 Ford Edge, Explorer and Lincoln MKX vehicles may experience a P160A Diagnostic Trouble Code after receiving a Powertrain Control Module (PCM) calibration update in service. This code may be the result of a mis-positioned Vehicle Identification Number (VIN) in the PCM. When the PCM attempts to reconcile its' mi
272	NMOG variation is more significant than expected due to A/F deviation caused by injector dispersion during warm-up period. This could result in vehicles exceeding the applicable NMOG standard.
273	Carbon monoxide (CO) variation is more significant than expected due to A/F deviation caused by injector dispersion during warm-up period. This could result in vehicles exceeding the applicable CO standard.
274	Carbon monoxide (CO) variation is more significant than expected due to A/F deviation caused by injector dispersion during warm-up period. This could result in vehicles exceeding the applicable CO standard.
275	This EDIR reports a defect on the Malfunction Indicator Lamp (MIL) illumination on DTNA vehicles used with Cummins engines. On affected DTNA vehicles, the MIL light does not respond to any engine control module command which would illuminate the lamp.
276	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.

	V
261	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
262	Chrysler will conduct an emission related voluntary safety recall (P05) on all affected vehicles, updating the Anti-lock Brake System (ABS) module software to modify the pre-fill strategy and relieve the hard brake pedal feel.
263	Chrysler will conduct an emission related voluntary safety recall (P05) on all affected vehicles, updating the Anti-lock Brake System (ABS) module software to modify the pre-fill strategy and relieve the hard brake pedal feel.
264	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
265	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
266	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
267	A Voluntary Emission Recall will be conducted to install the correct ECM calibration in all affected sold vehicles.
268	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
269	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
270	Recalibration of engine control module (ECM) software to bring the engines into emission compliance. The corrective action raises the calibration level to the latest level. ECM is to be verified it has the latest software by referring to the vehicle scorecard on the Service Portal System. If the calibration scorecard indicates that the
271	Affected vehicles will be updated with an updated calibration reflash 'learn' command that will correct the VIN mismatch error between the two modules.
272	Engine (ECU) calibration will be changed which reduces possible A/F deviation caused by injector dispersion during the warm up period.
273	Engine (ECU) calibration will be changed which reduces possible A/F deviation caused by injector dispersion during the warm up period.
274	Engine (ECU) calibration will be changed which reduces possible A/F deviation caused by injector dispersion during the warm up period.
275	DTNA has corrected the issue by updating the production process, so the MIL will respond and communicate to engine control module commands. A software update will be made available for vehicles already in the field.
276	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.

	W
261	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
262	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to Chrysler, which is
263	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to Chrysler, which is
264	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
265	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
266	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
267	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
268	Owners and operators were identified using Navistar, Inc. warranty records through Nationwide dlears.
269	Owners and operators were identified using Navistar, Inc. warranty records through Nationwide dlears.
270	Owners and operators were identified using Navistar, Inc. warranty records through Nationwide dlears.
271	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
272	All model year 2011 SULEV Sonata 2.4L vehicles built prior to implementation of a specific running change which updated the ECU calibration. Customer lists will be created by VIN (through R.L. Polk) based on build calibration.
273	All model year 2011 and 2012 MY Sedona 3.5L vehicles built prior to implementation of a specific running change which updated the ECU calibration. Customer lists will be created by VIN (through R.L. Polk) based on build calibration.
274	All model year 2011 and 2012 MY Sedona 3.5L vehicles built prior to implementation of a specific running change which updated the ECU calibration. Customer lists will be created by VIN (through R.L. Polk) based on build calibration.
275	Customer names and addresses will be based on DTNA records for affected vehicles.
276	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde

	X
261	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
262	None.
263	None.
264	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
265	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
266	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
267	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
268	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
269	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
270	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
271	Eligibility for this program is not conditioned upon proper maintenance or use.
272	Eligibility will be based on vehicle build calibration.
273	Eligibility will be based on vehicle build calibration.
274	Eligibility will be based on vehicle build calibration.
275	No preconditions apply
276	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.

	Y
261	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
262	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
263	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
264	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
265	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
266	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
267	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
268	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
269	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
270	Owners and/or operators will bring the subject vehicle and engine to an authorized Navistar service location for the correction of the nonconformity.
271	See Owner Notification Letter.
272	Make an appointment with their local dealer to have the vehicle reflashed with the new calibration.
273	Make an appointment with their local dealer to have the vehicle reflashed with the new calibration.
274	Make an appointment with their local dealer to have the vehicle reflashed with the new calibration.
275	Customers will be notified to take their vehicles to an authorized DTNA service location for a software update.
276	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar

	Z
261	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
262	None.
263	None.
264	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
265	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
266	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
267	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
268	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
269	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
270	The engine control module (ECM) calibration is only allowed through Navistar's proprietary computer system with access control password. Only Navistar authorized service locations are authorized and equipped to correct the nonconformity because of the coded and proprietary nature of the engine controller.
271	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
272	None
273	None.
274	None.
275	Repairs will be performed by Daimler Trucks North America authorized service facilities.
276	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.

	AA
261	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
262	Chrysler will supply all dealers with the updated calibration and software required to reprogram the ABS Module.
263	Chrysler will supply all dealers with the updated calibration and software required to reprogram the ABS Module.
264	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
265	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
266	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
267	There are no parts involved in this campaign. ECM calibrations have been made available electronically through General Motors Customer Care and Aftersales.
268	There are no parts replacements involved.
269	There are no parts replacements involved.
270	There are no parts replacements involved.
271	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
272	As this change involves a new ECU calibration, the software will be available to all dealers immediately.
273	As this change involves a new ECU calibration, the software will be available to all dealers immediately.
274	As this change involves a new ECU calibration, the software will be available to all dealers immediately.
275	As only software update will be required to rectify this issue, this is not a concern.
276	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.

	AB
261	
262	
263	
264	
265	
266	
267	
268	Owners Notification and Repair/Service Procedure will be filed separately.
269	Owners Notification and Repair/Service Procedure will be filed separately.
270	Owners Notification and Repair/Service Procedure will be filed separately.
271	
272	
273	2012 MY involves only California and Section 177 state vehicles 2011 MY involves all 50 state vehicles
274	2012 MY involves only California and Section 177 state vehicles 2011 MY involves all 50 state vehicles
275	None
276	4/15/14: Permanent corrective action for this campaign was at 87.2% completion rate as of 4/15/14. 4/14/14 update: The total volume change to 22,078 and this includes the qty from EDIR 0025. The Owner Notification Letter and Repair Instructions from EDIR 0025 will be linked and replaced those in EDIR 0015 and VERR 0002. 4/3/14: Revised to change vehicle make from MaxxForce 7 to International. Also removed trademark symbol from the DuraStar name under model description.

	AC	AD	AE
261	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		2903
262	None.		2964
263	None.		2964
264	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		3123
265	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		3123
266	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		3123
267	The proposed changes have no known impact on fuel economy.		2983
268	None.		3003
269	None.		3003
270	None.		3003
271	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3043
272	None.		3065
273	None expected.		3066
274	None expected.		3066
275	None		3143
276	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		3163

	AF	AG	AH	AI
261		0	N	N
262		2	Y	N
263		2	Y	N
264		0	N	N
265		0	N	N
266		0	N	N
267		1	N	N
268	Incorrect naming convention; was FOI_NVX_VER_0001_2_2013_BD_R00; Removed end date.	2	Y	Y
269	Incorrect naming convention; was FOI_NVX_VER_0001_2_2013_BD_R00; Removed end date.	2	Y	Y
270	Incorrect naming convention; was FOI_NVX_VER_0001_2_2013_BD_R00; Removed end date.	2	Y	Y
271		3	Y	N
272		1	Y	N
273		2	Y	N
274		2	Y	N
275		1	N	Y
276		2	Y	Y

	AJ	AK	AL	AM
261	N	N	141977	Same as above.
262	N	N	142258	None.
263	N	N	142258	None.
264	N	N	142076	Same as above.
265	N	N	142076	Same as above.
266	N	N	142076	Same as above.
267	N	N	142373	The proposed changes have no known impact on driveability.
268	N	N	142807	None.
269	N	N	142807	None.
270	N	N	142807	None.
271	N	N	143278	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
272	N	N	143680	None.
273	N	N	143686	None expected.
274	N	N	143686	None expected.
275	N	N	143966	None
276	N	N	144202	Same as above.

	AN	AO	AP	AQ	AR
261	N/A.	N	2829	1	0015
262	None.	N	2630	0	1405
263	None.	N	2630	0	1405
264	N/A.	N	2830	0	0025
265	N/A.	N	2830	0	0025
266	N/A.	N	2830	0	0025
267	The proposed changes have no impact safety.	N	2649	1	1233
268	None.	N	2769	1	0019
269	None.	N	2769	1	0019
270	None.	N	2769	1	0019
271	Ford engineering judgement indicates that the corrective action should not affect safety.	N	2749	1	1312
272	None.	N	2770	1	0034
273	None expected.	Y	2772	1	0036
274	None expected.	Y	2772	1	0036
275	None	N	2949	0	0011
276	N/A.	N	2869	2	0015

	AS	AT	AU
261	N		1
262	Y	4/8/2014	1
263	Y	4/8/2014	1
264	N		1
265	N		1
266	N		1
267	Y		1
268	N		1
269	N		1
270	N		1
271	Y		1
272	N	8/1/2014	1
273	N	6/30/2014	1
274	N	6/30/2014	1
275	N	1/31/2014	1
276	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
277	10020	5/12/2014	2008	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	22231	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
278	10020	5/12/2014	2007	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	22231	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
279	9920	5/1/2014	2012	FMX	13510	Heavy-Duty Highway Class 2b/3 Vehicles	2945	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
280	9920	5/1/2014	2011	FMX	13510	Heavy-Duty Highway Class 2b/3 Vehicles	2945	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
281	10060	5/14/2014	2009	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	22331	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
282	10060	5/14/2014	2008	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	22331	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
283	10060	5/14/2014	2007	NVX	013114	Heavy-Duty Highway Gas and Diesel Engines	22331	Y					Nelson Borja	nelson.borja@navistar.com	3313321764
284	10140	5/22/2014	2012	HMX	A8560	Heavy-Duty Highway Gas and Diesel Engines	12373	Y					Mr Toshiharu Watanabe	toshiharu.watanabe@hino.co.jp	+81-425-5425
285	10140	5/22/2014	2011	HMX	A8560	Heavy-Duty Highway Gas and Diesel Engines	12373	Y					Mr Toshiharu Watanabe	toshiharu.watanabe@hino.co.jp	+81-425-5425
286	10140	5/22/2014	2010	HMX	A8560	Heavy-Duty Highway Gas and Diesel Engines	12373	Y					Mr Toshiharu Watanabe	toshiharu.watanabe@hino.co.jp	+81-425-5425

	P	Q	R	S	T
277	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	15
278	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	15
279		Exhaust System	11/11/2013	2013	1310
280		Exhaust System	11/11/2013	2013	1310
281	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	25
282	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	25
283	nelson.borja@navistar.com	Diesel Particulate Filter System	1/31/2014	2014	25
284		Diesel Particulate Filter System	4/30/2013	2013	9
285		Diesel Particulate Filter System	4/30/2013	2013	9
286		Diesel Particulate Filter System	4/30/2013	2013	9

	U
277	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.
278	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.
279	Some 2011 and 2012 model year 6.7L F-Series trucks may experience failures of the Exhaust Gas Temperature Sensor due to internal shorting, misalignment of sensor leads, mechanical damage or loose sensor welds.
280	Some 2011 and 2012 model year 6.7L F-Series trucks may experience failures of the Exhaust Gas Temperature Sensor due to internal shorting, misalignment of sensor leads, mechanical damage or loose sensor welds.
281	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.
282	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.
283	Particulate filter regeneration control not optimized for all engine operating conditions. Under certain conditions this may lead to DOC face plugging due to repetitive incomplete or failed regeneration attempts.
284	When soot accumulates on the igniter surface, the burner ignition may perform improperly, which may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ¿ON¿.
285	When soot accumulates on the igniter surface, the burner ignition may perform improperly, which may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ¿ON¿.
286	When soot accumulates on the igniter surface, the burner ignition may perform improperly, which may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn ¿ON¿.

	V
277	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
278	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
279	Affected ambulance vehicles will be updated with an improved Exhaust Gas Temperature Sensor.
280	Affected ambulance vehicles will be updated with an improved Exhaust Gas Temperature Sensor.
281	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
282	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
283	The remedy to reported defect is in the form of an engine calibration revision to reduce in cylinder dosing and prevent Diesel Oxidation Catalyst or Exhaust Backpressure tube from plugging. Technical Description of the calibration change is as follows: Base calibration change description: Slight decrease in EGR rate setpoint in the range of 1200 to 1600 rpm, reduce main fueling along lug line. Increase global post1 maximum fuel quantity. This causes a modest soot reduction to decrease regeneration frequency and allows the post1 fueling increase required for regeneration level 1 and level 2 optimization. Global regeneration control change description: Decrease time interval to switch between injection modes allowing the transitions to become instantaneous. With the new calibration setpoints for level 1 and level 2 regeneration, exhaust temperatures are much closer to the maximum allowable limit of 1250?? F. Increase global maximum close coupled post fueling quantity. Regeneration level 1 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Minor adjustments to main timing and pilot timing. These changes increase exhaust temperatures and reduce smoke output. Regeneration level 2 change description: Increase closed coupled post (post1) fuel quantity, reduce main 1 fueling. Increase limit for post1 quantity. Increase post 2 feed forward quantity at high speed and load. Advance timing for post 2. Eliminate post 2 fueling on decelerations and limit dosing at idle using the post 2 quantity limit. These changes increase exhaust temperatures, reduce smoke output and decrease hydrocarbon slip past the DOC. Increase DOC outlet temperatures.
284	Replace the igniters. The gap between igniter plugs was reduced.
285	Replace the igniters. The gap between igniter plugs was reduced.
286	Replace the igniters. The gap between igniter plugs was reduced.

	W
277	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
278	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
279	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
280	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
281	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
282	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
283	Navistar will use the identical protocol that it employs to determine the addresses of vehicle / engine owners for vehicles or engines under NHTSA Safety Recalls. Engine serial numbers are matched to VINs, which are then searched for current owner names and addresses who are then notified by first class mail. For vehicles olde
284	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
285	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
286	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.

	X
277	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
278	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
279	Eligibility for this program is not conditioned upon proper maintenance or use.
280	Eligibility for this program is not conditioned upon proper maintenance or use.
281	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
282	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
283	There are no additional maintenance obligations that will become necessary as a result of the remedial action. The engine controller will continue to operate and monitor DPF soot load. If a stationary regeneration is required the system will alert the driver using instrument panel warnings, lights and scrolling messages.
284	No applicable
285	No applicable
286	No applicable

	Y
277	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
278	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
279	See Owner Notification Letter.
280	See Owner Notification Letter.
281	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
282	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
283	The procedure will involve a calibration change to the engine. The vehicle owner will bring the vehicle to an International dealer, who will install (load) the calibration in the vehicle ECM. Navistar estimates this procedure will take 1.5 hours: 1.3 hours is for DOC cleaning, if needed, inspection of the exhaust backpressure tube ar
284	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
285	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
286	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.

	Z
277	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
278	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
279	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
280	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
281	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
282	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
283	Only Navistar dealers or authorized warranty agents will implement the remedy. All Navistar dealers have technicians trained to perform the necessary tasks. 7) Three copies of the letters of notification to be sent to vehicle or engine owners.
284	There is no authorized warranty agents or persons other than dealers.
285	There is no authorized warranty agents or persons other than dealers.
286	There is no authorized warranty agents or persons other than dealers.

	AA
277	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
278	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
279	Dealers are to obtain parts for this repair through the Special Service Support Center.
280	Dealers are to obtain parts for this repair through the Special Service Support Center.
281	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
282	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
283	This remedy involves a calibration in the form of a software reflash of the engine ECM. No parts are necessary and all Navistar dealers are in possession of the tools necessary to perform this work. The DOC cleaning process only includes a gasket which is to be replaced as needed. Gaskets are available as dealer stock, otherwise they are available from International Parts Distribution within 24 hours of order. 9) Three copies of all necessary instructions to be sent to those persons who are to perform the repair under the remedial plan.
284	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
285	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
286	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.

	AB
277	4/15/14: Permanent corrective action for this campaign was at 87.2% completion rate as of 4/15/14. 4/14/14 update: The total volume change to 22,078 and this includes the qty from EDIR 0025. The Owner Notification Letter and Repair Instructions from EDIR 0025 will be linked and replaced those in EDIR 0015 and VERR 0002. 4/3/14: Revised to change vehicle make from MaxxForce 7 to International. Also removed trademark symbol from the DuraStar name under model description.
278	4/15/14: Permanent corrective action for this campaign was at 87.2% completion rate as of 4/15/14. 4/14/14 update: The total volume change to 22,078 and this includes the qty from EDIR 0025. The Owner Notification Letter and Repair Instructions from EDIR 0025 will be linked and replaced those in EDIR 0015 and VERR 0002. 4/3/14: Revised to change vehicle make from MaxxForce 7 to International. Also removed trademark symbol from the DuraStar name under model description.
279	
280	
281	
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284	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
285	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
286	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.

	AC	AD	AE
277	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		3163
278	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		3163
279	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4184
280	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4184
281	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		3183
282	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		3183
283	Fuel consumption will be marginally lower due to reduced aftertreatment regeneration. Under normal conditions driveability is not affected since the act of active, passive regeneration is not noticeable to the driver. These facts are borne out according to the emissions test results sheet where Infrequent Regeneration Adjustment Factor (IRAF) data is presented. Common sense and engineering judgment provide if regeneration was excessive and the oil was diluted in the extreme in that instance driveability is improved with the new calibration under circumstances that may, in the absence of the calibration, have caused DOC face plugging with eventual derate, loss of power, lack of acceleration. For units with limited dilution and face plugging, the operator will notice little or no change in driveability.		3183
284	No impact		3423
285	No impact		3423
286	No impact		3423

	AF	AG	AH	AI
277		2	Y	Y
278		2	Y	Y
279		2	Y	N
280		2	Y	N
281	Revised the QTY to reflect the previous original EDIR and VER No. 0015 and to confirm EDIR 0015 and 0025 are in fact the same in terms of engine families, defect description, remedy, etc. The later EDIR/VER were created and submitted for what should have been updates to EDIR 0015 to identify the remaining trucks that had not y	2	N	N
282	Revised the QTY to reflect the previous original EDIR and VER No. 0015 and to confirm EDIR 0015 and 0025 are in fact the same in terms of engine families, defect description, remedy, etc. The later EDIR/VER were created and submitted for what should have been updates to EDIR 0015 to identify the remaining trucks that had not y	2	N	N
283	Revised the QTY to reflect the previous original EDIR and VER No. 0015 and to confirm EDIR 0015 and 0025 are in fact the same in terms of engine families, defect description, remedy, etc. The later EDIR/VER were created and submitted for what should have been updates to EDIR 0015 to identify the remaining trucks that had not y	2	N	N
284	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
285	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
286	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y

	AJ	AK	AL	AM
277	N	N	144202	Same as above.
278	N	N	144202	Same as above.
279	N	N	143733	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
280	N	N	143733	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
281	N	N	144416	Same as above.
282	N	N	144416	Same as above.
283	N	N	144416	Same as above.
284	N	Y	145120	No impact
285	N	Y	145120	No impact
286	N	Y	145120	No impact

	AN	AO	AP	AQ	AR
277	N/A.	N	2869	2	0015
278	N/A.	N	2869	2	0015
279	Ford engineering judgement indicates that the corrective action should not affect safety.	N	2789	0	1311
280	Ford engineering judgement indicates that the corrective action should not affect safety.	N	2789	0	1311
281	N/A.	N	2889	1	0025
282	N/A.	N	2889	1	0025
283	N/A.	N	2889	1	0025
284	No impact	N	2969	0	0008
285	No impact	N	2969	0	0008
286	No impact	N	2969	0	0008

	A5	AT	AU
277	N		1
278	N		1
279	Y		1
280	Y		1
281	N		1
282	N		1
283	N		1
284	N		1
285	N		1
286	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
287	10520	6/13/2014	2013	VWX	VW-0007	Light-Duty Vehicles and Trucks	58375	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
288	10520	6/13/2014	2012	VWX	VW-0007	Light-Duty Vehicles and Trucks	58375	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
289	12200	10/16/2014	2012	VWX	VW-0005-01	Light-Duty Vehicles and Trucks	39748	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
290	10600	6/18/2014	2009	FMX	13B17	Light-Duty Vehicles and Trucks	963581	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
291	10600	6/18/2014	2010	FMX	13B17	Light-Duty Vehicles and Trucks	963581	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
292	10600	6/18/2014	2011	FMX	13B17	Light-Duty Vehicles and Trucks	963581	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
293	10600	6/18/2014	2012	FMX	13B17	Light-Duty Vehicles and Trucks	963581	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
294	10680	6/30/2014	2012	ADX	AD-0009	Light-Duty Vehicles and Trucks	101583	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
295	10680	6/30/2014	2011	ADX	AD-0009	Light-Duty Vehicles and Trucks	101583	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
296	10680	6/30/2014	2010	ADX	AD-0009	Light-Duty Vehicles and Trucks	101583	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
297	10680	6/30/2014	2009	ADX	AD-0009	Light-Duty Vehicles and Trucks	101583	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
298	11301	8/18/2014	2014	GMX	1236	Light-Duty Vehicles and Trucks	73042	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
299	11301	8/18/2014	2013	GMX	1236	Light-Duty Vehicles and Trucks	73042	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
300	10100	5/19/2014	2012	HMX	A8420	Heavy-Duty Highway Gas and Diesel Engines	14009	Y					Mr Toshiharu Watanabe	toshiharu.watanabe@hino.co.jp	+81-425-5425
301	10100	5/19/2014	2011	HMX	A8420	Heavy-Duty Highway Gas and Diesel Engines	14009	Y					Mr Toshiharu Watanabe	toshiharu.watanabe@hino.co.jp	+81-425-5425

	P	Q	R	S	T
287	n/a	Turbocharger/Supercharger	7/11/2014	2014	7
288	n/a	Turbocharger/Supercharger	7/11/2014	2014	7
289	N/A	Air Inlet/Intake System	11/6/2014	2014	5
290		Air Inlet/Intake System	5/23/2014	2014	1317
291		Air Inlet/Intake System	5/23/2014	2014	1317
292		Air Inlet/Intake System	5/23/2014	2014	1317
293		Air Inlet/Intake System	5/23/2014	2014	1317
294	n/a	Turbocharger/Supercharger	6/2/2014	2014	9
295	n/a	Turbocharger/Supercharger	6/2/2014	2014	9
296	n/a	Turbocharger/Supercharger	6/2/2014	2014	9
297	n/a	Turbocharger/Supercharger	6/2/2014	2014	9
298		Crankcase Ventilation Component/System	8/27/2014	2014	1236
299		Crankcase Ventilation Component/System	8/27/2014	2014	1236
300		Diesel Particulate Filter System	4/30/2013	2013	8
301		Diesel Particulate Filter System	4/30/2013	2013	8

	U
287	Part description: Turbocharger Volkswagen has determined that, under specific conditions, the turbocharger could malfunction and may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. Additionally, you may hear noise coming from the turbocharger. This condition may also lead to reduced engine performance if the MIL On issue is not addressed. Part numbers: 03L 253 056 EX / E (Production and warranty replacement part numbers) Parts analysis shows broken shaft and impeller damage issues. Analysis is based on part numbers 03L 253 056 EX / E. MIL On - P0299 (Turbocharger under boost fault)
288	Part description: Turbocharger Volkswagen has determined that, under specific conditions, the turbocharger could malfunction and may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. Additionally, you may hear noise coming from the turbocharger. This condition may also lead to reduced engine performance if the MIL On issue is not addressed. Part numbers: 03L 253 056 EX / E (Production and warranty replacement part numbers) Parts analysis shows broken shaft and impeller damage issues. Analysis is based on part numbers 03L 253 056 EX / E. MIL On - P0299 (Turbocharger under boost fault)
289	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000 miles to cover the cost of replacement intake manifolds and / or fuel injectors under the following specific conditions, for the affected vehicles: a) A faulty intake manifold may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Intake Manifold: 06J 133 201 AS b) A faulty fuel injector may cause minor misfire conditions and in turn, cause the Malfunction Indicator Lamp (MIL) to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Fuel Injector: 06H 906 036 G
290	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
291	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
292	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
293	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
294	Part description: Turbocharger Part numbers involved: Production Part Number: 06H 145 702 G/L/Q/S Warranty replacement Part Number: 06H 145 702 S Under certain driving conditions the linkage for the waste gate actuation can encounter excessive wear which leads to play at the waste gate flap, this may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component.
295	Part description: Turbocharger Part numbers involved: Production Part Number: 06H 145 702 G/L/Q/S Warranty replacement Part Number: 06H 145 702 S Under certain driving conditions the linkage for the waste gate actuation can encounter excessive wear which leads to play at the waste gate flap, this may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component.
296	Part description: Turbocharger Part numbers involved: Production Part Number: 06H 145 702 G/L/Q/S Warranty replacement Part Number: 06H 145 702 S Under certain driving conditions the linkage for the waste gate actuation can encounter excessive wear which leads to play at the waste gate flap, this may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component.
297	Part description: Turbocharger Part numbers involved: Production Part Number: 06H 145 702 G/L/Q/S Warranty replacement Part Number: 06H 145 702 S Under certain driving conditions the linkage for the waste gate actuation can encounter excessive wear which leads to play at the waste gate flap, this may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component.
298	On certain vehicles, the PCV may develop excessive wear on the pintle and orifice. The excessive wear can result in higher than intended flow rate and customer complaints of high oil consumption. Because the spark plug from cylinder number four is closer to the PCV passage, spark plug number four may be contaminated with c
299	On certain vehicles, the PCV may develop excessive wear on the pintle and orifice. The excessive wear can result in higher than intended flow rate and customer complaints of high oil consumption. Because the spark plug from cylinder number four is closer to the PCV passage, spark plug number four may be contaminated with c
300	When DPF (Diesel Particulate Filter) regeneration is restarted after turning off the exhaust brake, the ignition of the burner system may perform improperly; this may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn on.
301	When DPF (Diesel Particulate Filter) regeneration is restarted after turning off the exhaust brake, the ignition of the burner system may perform improperly; this may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn on.

	V
287	Volkswagen Group of America, Inc. will initiate an Extended Warranty Program for 10 years / 120,000 miles regarding to Turbocharger replacements on the affected vehicles. Warranty replacement part numbers: 03L 253 056 QX / Q All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
288	Volkswagen Group of America, Inc. will initiate an Extended Warranty Program for 10 years / 120,000 miles regarding to Turbocharger replacements on the affected vehicles. Warranty replacement part numbers: 03L 253 056 QX / Q All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
289	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000, whichever occurs first, from the vehicle's original in-service date, to cover the cost of replacement of intake manifolds and / or fuel injectors under the specified conditions.
290	Ford will contact affected owners of vehicles suspected to contain this issue to bring their vehicles in to Dealers for a re-flash of the PCM calibration and software strategy to address the loss of vehicle power in the resultant FMEM.
291	Ford will contact affected owners of vehicles suspected to contain this issue to bring their vehicles in to Dealers for a re-flash of the PCM calibration and software strategy to address the loss of vehicle power in the resultant FMEM.
292	Ford will contact affected owners of vehicles suspected to contain this issue to bring their vehicles in to Dealers for a re-flash of the PCM calibration and software strategy to address the loss of vehicle power in the resultant FMEM.
293	Ford will contact affected owners of vehicles suspected to contain this issue to bring their vehicles in to Dealers for a re-flash of the PCM calibration and software strategy to address the loss of vehicle power in the resultant FMEM.
294	Volkswagen Group of America, Inc. initiated an Extended Warranty program for 7 years / 70,000 miles to cover the cost of replacement of turbochargers and installation of a clip on the affected vehicles.
295	Volkswagen Group of America, Inc. initiated an Extended Warranty program for 7 years / 70,000 miles to cover the cost of replacement of turbochargers and installation of a clip on the affected vehicles.
296	Volkswagen Group of America, Inc. initiated an Extended Warranty program for 7 years / 70,000 miles to cover the cost of replacement of turbochargers and installation of a clip on the affected vehicles.
297	Volkswagen Group of America, Inc. initiated an Extended Warranty program for 7 years / 70,000 miles to cover the cost of replacement of turbochargers and installation of a clip on the affected vehicles.
298	The PCV pintle and orifice material has been changed from plastic to steel, for improved durability. The revised PCV valve has the same performance and functional characteristic as the original PCV valve. General Motors will conduct a Voluntary Emissions Recall to replace the PCV valves on all affected vehicles. Additionally, th
299	The PCV pintle and orifice material has been changed from plastic to steel, for improved durability. The revised PCV valve has the same performance and functional characteristic as the original PCV valve. General Motors will conduct a Voluntary Emissions Recall to replace the PCV valves on all affected vehicles. Additionally, th
300	BCU software program improved.
301	BCU software program improved.

	W
287	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
288	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
289	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer names and address information.
290	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
291	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
292	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
293	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
294	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
295	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
296	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
297	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
298	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
299	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
300	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
301	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.

	X
287	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen dealers to determine if the customer¿s vehicle meets the parameters of the subject warranty extension program.
288	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen dealers to determine if the customer¿s vehicle meets the parameters of the subject warranty extension program.
289	Volkswagen Group of America, Inc. warranty records will be reviewed by the servicing dealers to determine if the customer's vehicle meets the parameters of the subject revised warranty extension program.
290	Eligibility for this program is not conditioned upon proper maintenance or use.
291	Eligibility for this program is not conditioned upon proper maintenance or use.
292	Eligibility for this program is not conditioned upon proper maintenance or use.
293	Eligibility for this program is not conditioned upon proper maintenance or use.
294	There are no maintenance or eligibility requirements.
295	There are no maintenance or eligibility requirements.
296	There are no maintenance or eligibility requirements.
297	There are no maintenance or eligibility requirements.
298	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
299	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
300	No applicable
301	No applicable

	Y
287	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about July 11, 2014 Customer Notification: On or about July 11, 2014
288	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about July 11, 2014 Customer Notification: On or about July 11, 2014
289	All authorized Volkswagen dealers will be notified of this revised program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
290	See Owner Notification Letter.
291	See Owner Notification Letter.
292	See Owner Notification Letter.
293	See Owner Notification Letter.
294	Affected authorized Audi dealers received notification and detailed information about this Extended Warranty Program on June 2nd 2014. Affected Audi owners were mailed a notification letter on June 2nd 2014.
295	Affected authorized Audi dealers received notification and detailed information about this Extended Warranty Program on June 2nd 2014. Affected Audi owners were mailed a notification letter on June 2nd 2014.
296	Affected authorized Audi dealers received notification and detailed information about this Extended Warranty Program on June 2nd 2014. Affected Audi owners were mailed a notification letter on June 2nd 2014.
297	Affected authorized Audi dealers received notification and detailed information about this Extended Warranty Program on June 2nd 2014. Affected Audi owners were mailed a notification letter on June 2nd 2014.
298	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
299	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
300	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
301	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.

	Z
287	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
288	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
289	It is anticipated that all affected vehicles will be remedied by authorized VW dealers.
290	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
291	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
292	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
293	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
294	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
295	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
296	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
297	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
298	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
299	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
300	There is no authorized warranty agents or persons other than dealers.
301	There is no authorized warranty agents or persons other than dealers.

	AA
287	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
288	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
289	Affected authorized VW dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
290	Dealers are to obtain parts for this repair through the Special Service Support Center.
291	Dealers are to obtain parts for this repair through the Special Service Support Center.
292	Dealers are to obtain parts for this repair through the Special Service Support Center.
293	Dealers are to obtain parts for this repair through the Special Service Support Center.
294	Affected authorized Audi dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
295	Affected authorized Audi dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
296	Affected authorized Audi dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
297	Affected authorized Audi dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
298	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
299	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
300	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
301	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.

	AB
287	Forwarding Letter - CBI
288	Forwarding Letter - CBI
289	Forwarding letter - CBI
290	
291	
292	
293	
294	Forwarding Letter - CBI
295	Forwarding Letter - CBI
296	Forwarding Letter - CBI
297	Forwarding Letter - CBI
298	
299	
300	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
301	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.

	AC	AD	AE
287	Not applicable		3303
288	Not applicable		3303
289	Not applicable		3663
290	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3323
291	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3323
292	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3323
293	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3323
294	Not applicable		3343
295	Not applicable		3343
296	Not applicable		3343
297	Not applicable		3343
298	The proposed changes have no impact on fuel economy.		3403
299	The proposed changes have no impact on fuel economy.		3403
300	No impact		3424
301	No impact		3424

	AF	AG	AH	AI
287		3	Y	N
288		3	Y	N
289	Warranty Extension Program Revision to include some MY 2012 VW 2.0L TFSI vehicles	4	Y	N
290		3	Y	Y
291		3	Y	Y
292		3	Y	Y
293		3	Y	Y
294		3	Y	N
295		3	Y	N
296		3	Y	N
297		3	Y	N
298		1	N	N
299		1	N	N
300	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
301	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y

	AJ	AK	AL	AM
287	N	Y	146689	Under specific conditions, noise from turbocharger and reduced engine performance may occur if the MIL On issue is not addressed.
288	N	Y	146689	Under specific conditions, noise from turbocharger and reduced engine performance may occur if the MIL On issue is not addressed.
289	N	Y	156133	Not applicable
290	N	N	146958	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
291	N	N	146958	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
292	N	N	146958	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
293	N	N	146958	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
294	N	Y	147621	Excessive play in the waste gate actuator rod will not achieve maximum boost pressure. When maximum boost pressure is not reached, the vehicle may not develop maximum performance during hard acceleration.
295	N	Y	147621	Excessive play in the waste gate actuator rod will not achieve maximum boost pressure. When maximum boost pressure is not reached, the vehicle may not develop maximum performance during hard acceleration.
296	N	Y	147621	Excessive play in the waste gate actuator rod will not achieve maximum boost pressure. When maximum boost pressure is not reached, the vehicle may not develop maximum performance during hard acceleration.
297	N	Y	147621	Excessive play in the waste gate actuator rod will not achieve maximum boost pressure. When maximum boost pressure is not reached, the vehicle may not develop maximum performance during hard acceleration.
298	N	N	151452	The proposed changes have no impact on drivability.
299	N	N	151452	The proposed changes have no impact on drivability.
300	N	Y	144883	No impact
301	N	Y	144883	No impact

	AN	AO	AP	AQ	AR
287	Not applicable	N	3029	0	0024
288	Not applicable	N	3029	0	0024
289	Not applicable	N	3389	1	0017,0016,0032,0033
290	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3049	0	1405
291	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3049	0	1405
292	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3049	0	1405
293	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3049	0	1405
294	Not applicable	N	3069	0	0029
295	Not applicable	N	3069	0	0029
296	Not applicable	N	3069	0	0029
297	Not applicable	N	3069	0	0029
298	The proposed changes have no impact safety.	N	3129	1	1236
299	The proposed changes have no impact safety.	N	3129	1	1236
300	No impact	N	2929	0	0008
301	No impact	N	2929	0	0008

	AS	AT	AU
287	Y	7/12/2014	1
288	Y	7/12/2014	1
289	Y	11/7/2014	1
290	Y		1
291	Y		1
292	Y		1
293	Y		1
294	Y	6/3/2014	1
295	Y	6/3/2014	1
296	Y	6/3/2014	1
297	Y	6/3/2014	1
298	Y		1
299	Y		1
300	N		1
301	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
302	10100	5/19/2014	2010	HMX	A8420	Heavy-Duty Highway Gas and Diesel Engines	14009	Y					Mr Toshiharu Watanabe	toshiharu.watanabe@hino.co.jp	+81-425-5425
303	10382	6/5/2014	2015	Z9X	0001	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	168	Y					Mr Jim Murphy	jmurphy@impcoautomotive.com	586-940-0314
304	11302	8/18/2014	2014	GMX	1237	Light-Duty Vehicles and Trucks	5388	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
305	11520	9/5/2014	2010	NSX	FOI_NSX_VER_0015_BD_	Light-Duty Vehicles and Trucks	67037	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
306	11520	9/5/2014	2009	NSX	FOI_NSX_VER_0015_BD_	Light-Duty Vehicles and Trucks	67037	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
307	11520	9/5/2014	2008	NSX	FOI_NSX_VER_0015_BD_	Light-Duty Vehicles and Trucks	67037	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
308	10080	5/16/2014	2012	TKX	1003	Light-Duty Vehicles and Trucks	41498	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
309	10080	5/16/2014	2011	TKX	1003	Light-Duty Vehicles and Trucks	41498	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
310	10080	5/16/2014	2010	TKX	1003	Light-Duty Vehicles and Trucks	41498	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
311	11540	9/5/2014	2015	FMX	14E01	Light-Duty Vehicles and Trucks	10	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
312	11580	9/10/2014	2014	JLX	J038_VERR	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	41070	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201) 818-8139
313	11580	9/10/2014	2013	JLX	J038_VERR	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	41070	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201) 818-8139
314	11580	9/10/2014	2012	JLX	J038_VERR	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	41070	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201) 818-8139
315	11580	9/10/2014	2011	JLX	J038_VERR	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	41070	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201) 818-8139
316	11580	9/10/2014	2010	JLX	J038_VERR	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	41070	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201) 818-8139
317	11900	9/25/2014	2014	FMX	14S12	Light-Duty Vehicles and Trucks	175	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
318	10220	5/30/2014	2014	TKX	1004	Light-Duty Vehicles and Trucks	5701	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
319	10220	5/30/2014	2015	TKX	1004	Light-Duty Vehicles and Trucks	5701	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
320	10221	5/30/2014	2014	TKX	1005	Light-Duty Vehicles and Trucks	18592	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859
321	11020	7/1/2014	2010	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
322	11020	7/1/2014	2009	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
323	11020	7/1/2014	2008	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864

	P	Q	R	S	T
302		Diesel Particulate Filter System	4/30/2013	2013	8
303		Computer Related (Other than OBD)	7/7/2014	2014	1
304		Computer Related (Other than OBD)	8/27/2014	2014	1237
305		Catalyst/Aftertreatment Component/System (non-diesel engine)	9/22/2014	2014	15
306		Catalyst/Aftertreatment Component/System (non-diesel engine)	9/22/2014	2014	15
307		Catalyst/Aftertreatment Component/System (non-diesel engine)	9/22/2014	2014	15
308		Computer Related (Other than OBD)	4/30/2014	2014	1003
309		Computer Related (Other than OBD)	4/30/2014	2014	1003
310		Computer Related (Other than OBD)	4/30/2014	2014	1003
311		Catalyst/Aftertreatment Component/System (non-diesel engine)	8/12/2014	2014	1401
312		Fuel Delivery Component	7/29/2014	2014	2
313		Fuel Delivery Component	7/29/2014	2014	2
314		Fuel Delivery Component	7/29/2014	2014	2
315		Fuel Delivery Component	7/29/2014	2014	2
316		Fuel Delivery Component	7/29/2014	2014	2
317		Fuel Tank Component	8/12/2014	2014	1412
318		Computer Related (Other than OBD)	5/19/2014	2014	1004
319		Computer Related (Other than OBD)	5/19/2014	2014	1004
320		Fuel Tank Component	5/19/2014	2014	1005
321		Fuel Delivery Component	6/16/2014	2014	7
322		Fuel Delivery Component	6/16/2014	2014	7
323		Fuel Delivery Component	6/16/2014	2014	7

	U
302	When DPF (Diesel Particulate Filter) regeneration is restarted after turning off the exhaust brake, the ignition of the burner system may perform improperly; this may cause the MIL (Malfunction Indicator Lamp) in the instrument cluster of the vehicle to turn on.
303	An incorrect Engine Control Module (ECM) calibration was installed in certain 2015MY Chevrolet/GMC trucks converted to operate on CNG and gasoline.
304	Certain 2014 Cadillac ATS vehicles were built with an engine wire harness that may have some wire crimps, for the accelerator pedal position circuits in the engine side of the connector, that do not meet the crimp height specification. An issue with the supplier's automatic crimping machine was identified from July 1 - July 6, 201
305	During IUVP testing, some high mileage 2008, 2009 and 2010 California specification Rogue SULEV vehicles have shown increased NMOG exhaust emissions. These increased exhaust emissions have been determined to be due to higher than expected exhaust gas temperatures affecting under-floor catalyst performance.
306	During IUVP testing, some high mileage 2008, 2009 and 2010 California specification Rogue SULEV vehicles have shown increased NMOG exhaust emissions. These increased exhaust emissions have been determined to be due to higher than expected exhaust gas temperatures affecting under-floor catalyst performance.
307	During IUVP testing, some high mileage 2008, 2009 and 2010 California specification Rogue SULEV vehicles have shown increased NMOG exhaust emissions. These increased exhaust emissions have been determined to be due to higher than expected exhaust gas temperatures affecting under-floor catalyst performance.
308	On certain Mazda6 vehicles, a certain type of spider may intrude into the canister and weave a web in the evaporative canister vent line and this may cause a restriction in the line. If this occurs, the fuel tank pressure may become excessively negative when the emission control system works to purge the vapors from the caniste
309	On certain Mazda6 vehicles, a certain type of spider may intrude into the canister and weave a web in the evaporative canister vent line and this may cause a restriction in the line. If this occurs, the fuel tank pressure may become excessively negative when the emission control system works to purge the vapors from the caniste
310	On certain Mazda6 vehicles, a certain type of spider may intrude into the canister and weave a web in the evaporative canister vent line and this may cause a restriction in the line. If this occurs, the fuel tank pressure may become excessively negative when the emission control system works to purge the vapors from the caniste
311	Some 2014 and 2015 model year Explorer, Taurus, Flex, Police Interceptor Sedan, Police Interceptor Utility, and Lincoln MKS vehicles were built and sold with prototype catalysts installed on the vehicles, due to a supplier error.
312	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.
313	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.
314	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.
315	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.
316	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.
317	Some 2014 model year Fiesta vehicles contain a fuel tank that was manufactured with an adhesive layer missing. Without this layer, fuel could leak from a seam in the fuel tank.
318	On certain Mazda3 and Mazda6 vehicles equipped with the regenerative engine braking system, the Power Control Module (PCM) may incorrectly determine that there is a failure of the system energy storage capacitor when the vehicle is operating under heavy rain or through deep puddles. Under such operation the generator b
319	On certain Mazda3 and Mazda6 vehicles equipped with the regenerative engine braking system, the Power Control Module (PCM) may incorrectly determine that there is a failure of the system energy storage capacitor when the vehicle is operating under heavy rain or through deep puddles. Under such operation the generator b
320	On certain Mazda6 vehicles, it is possible that they can be refueled beyond the rated fuel tank capacity. If it occurs, followed by a large temperature change, the fuel volume may expand beyond the remaining the vapor space in the fuel tank. Under this condition, fuel may potentially flow into the charcoal canister which is design
321	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
322	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
323	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.

	V
302	BCU software program improved.
303	A Voluntary Emission Recall will be conducted to install the correct ECM calibration in all affected sold vehicles.
304	Vehicles that may have been built with the suspect wire crimps have been identified. Those vehicles will be included in a Voluntary Emission Recall. Dealers will be instructed to inspect and repair the wire harness as necessary.
305	The ECM of affected vehicles will be reprogrammed to improve in-use emission performance. To improve this performance, the cold fast-idle ignition timing will be retarded to quickly warm up the catalyst and reduce the cold enrichment rate.
306	The ECM of affected vehicles will be reprogrammed to improve in-use emission performance. To improve this performance, the cold fast-idle ignition timing will be retarded to quickly warm up the catalyst and reduce the cold enrichment rate.
307	The ECM of affected vehicles will be reprogrammed to improve in-use emission performance. To improve this performance, the cold fast-idle ignition timing will be retarded to quickly warm up the catalyst and reduce the cold enrichment rate.
308	The canister vent line will be cleaned and when there is a web in the canister vent line, the fuel tank and the check valve on the canister vent line will be replaced with new one and the Powertrain Control Module will be reprogrammed with modified software to minimize negative pressure of the fuel tank.
309	The canister vent line will be cleaned and when there is a web in the canister vent line, the fuel tank and the check valve on the canister vent line will be replaced with new one and the Powertrain Control Module will be reprogrammed with modified software to minimize negative pressure of the fuel tank.
310	The canister vent line will be cleaned and when there is a web in the canister vent line, the fuel tank and the check valve on the canister vent line will be replaced with new one and the Powertrain Control Module will be reprogrammed with modified software to minimize negative pressure of the fuel tank.
311	Affected vehicles will have the catalyst sub-assembly part numbers inspected, and the catalyst(s) replaced if the vehicle is found to have been built with the incorrect prototype catalysts.
312	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. J038.
313	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. J038.
314	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. J038.
315	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. J038.
316	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. J038.
317	Affected vehicles will have the fuel tank replaced.
318	The PCM will be reprogrammed with modified software to decide precisely whether a capacitor is on failure or not.
319	The PCM will be reprogrammed with modified software to decide precisely whether a capacitor is on failure or not.
320	An adopter will be added on the shut-off-valve in the fuel tank in order to reduce the refueling amount when the fuel nozzle auto shut off operates while refueling. The canister will be inspected and, if the weight of the canister exceeds the threshold, it will be replaced. In addition, an addendum to the owner¿s manual will be prov
321	The fuel filter set will be replaced by a Honda dealership.
322	The fuel filter set will be replaced by a Honda dealership.
323	The fuel filter set will be replaced by a Honda dealership.

	W
302	Hino Motors Sales U.S.A., Inc. which is our distributor in U.S.A. will obtain vehicle registration data from R.L. Polk.
303	The specific vehicles involved in this campaign have been identified by Vehicle Identification Number computer listings. These listings will be furnished to all involved dealers with the campaign bulletin. Current owners will be identified through General Motors Vehicle Identification Number records and Polk Company. Owner lett
304	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
305	RL Polk
306	RL Polk
307	RL Polk
308	The name and address of the affected owner are identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
309	The name and address of the affected owner are identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
310	The name and address of the affected owner are identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
311	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
312	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
313	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
314	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
315	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
316	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
317	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
318	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
319	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
320	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
321	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
322	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
323	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.

	X
302	No applicable
303	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
304	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
305	None required
306	None required
307	None required
308	There will be no restrictions on eligibility.
309	There will be no restrictions on eligibility.
310	There will be no restrictions on eligibility.
311	Eligibility for this program is not conditioned upon proper maintenance or use.
312	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
313	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
314	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
315	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
316	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
317	Eligibility for this program is not conditioned upon proper maintenance or use.
318	There will be no restrictions on eligibility.
319	There will be no restrictions on eligibility.
320	There will be no restrictions on eligibility.
321	No pre-conditions exist. Repair will be made free-of-charge.
322	No pre-conditions exist. Repair will be made free-of-charge.
323	No pre-conditions exist. Repair will be made free-of-charge.

	Y
302	The letter of notification to be sent to vehicle owners was prepared by HMS. All necessary information is included in this notification.
303	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
304	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
305	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
306	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
307	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
308	As all Mazda dealers were provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in April 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
309	As all Mazda dealers were provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in April 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
310	As all Mazda dealers were provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in April 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
311	See Owner Notification Letter.
312	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
313	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
314	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
315	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
316	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
317	See Owner Notification Letter.
318	As all Mazda dealers were provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in May 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
319	As all Mazda dealers were provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in May 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
320	As all Mazda dealers were provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in May 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
321	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
322	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
323	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.

	Z
302	There is no authorized warranty agents or persons other than dealers.
303	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
304	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
305	Only Nissan dealers will be authorized to perform this service.
306	Only Nissan dealers will be authorized to perform this service.
307	Only Nissan dealers will be authorized to perform this service.
308	Repair work is performed only by authorized Mazda dealers.
309	Repair work is performed only by authorized Mazda dealers.
310	Repair work is performed only by authorized Mazda dealers.
311	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
312	All required repairs will be performed by Jaguar dealers.
313	All required repairs will be performed by Jaguar dealers.
314	All required repairs will be performed by Jaguar dealers.
315	All required repairs will be performed by Jaguar dealers.
316	All required repairs will be performed by Jaguar dealers.
317	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
318	Repair work is performed only by authorized Mazda dealers.
319	Repair work is performed only by authorized Mazda dealers.
320	Repair work is performed only by authorized Mazda dealers.
321	Work can only be performed by an authorized Honda dealership.
322	Work can only be performed by an authorized Honda dealership.
323	Work can only be performed by an authorized Honda dealership.

	AA
302	All necessary parts for these voluntary recall campaigns have already been shipped to and reached Hino Motors Sales U.S.A., Inc. completely.
303	There are no parts involved in this campaign. The correct calibration is available through the GM online database and is currently available to affected dealers.
304	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
305	N/A - no hard parts required for this campaign. Nissan has tested the updated ECM program and will make the software available to Nissan dealers upon the launch of the campaign.
306	N/A - no hard parts required for this campaign. Nissan has tested the updated ECM program and will make the software available to Nissan dealers upon the launch of the campaign.
307	N/A - no hard parts required for this campaign. Nissan has tested the updated ECM program and will make the software available to Nissan dealers upon the launch of the campaign.
308	The necessary modified software and parts for repair are available at any authorized Mazda dealers.
309	The necessary modified software and parts for repair are available at any authorized Mazda dealers.
310	The necessary modified software and parts for repair are available at any authorized Mazda dealers.
311	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
312	There are no parts required for this repair.
313	There are no parts required for this repair.
314	There are no parts required for this repair.
315	There are no parts required for this repair.
316	There are no parts required for this repair.
317	Dealers are to obtain parts for this repair through the Special Service Support Center.
318	The necessary modified software are available at any authorized Mazda dealers.
319	The necessary modified software are available at any authorized Mazda dealers.
320	The necessary modified parts for repair are available at any authorized Mazda dealers.
321	An initial supply of parts needed to complete this repair is scheduled to arrive on June 15, 2014. Additional parts supply will arrive on August 15, 2014 and September 15, 2014.
322	An initial supply of parts needed to complete this repair is scheduled to arrive on June 15, 2014. Additional parts supply will arrive on August 15, 2014 and September 15, 2014.
323	An initial supply of parts needed to complete this repair is scheduled to arrive on June 15, 2014. Additional parts supply will arrive on August 15, 2014 and September 15, 2014.

	AB
302	Hino submits a EDIR Ver.2 CBI_HMX_DRE_0008_BD_R02 at 4.26.2013. Hino will start voluntary recalls to prevent the occurrence of further troubles.
303	IMPCO does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
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312	The manufacturer's campaign number for this recall is J038.
313	The manufacturer's campaign number for this recall is J038.
314	The manufacturer's campaign number for this recall is J038.
315	The manufacturer's campaign number for this recall is J038.
316	The manufacturer's campaign number for this recall is J038.
317	
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320	
321	Related Documents: Customer Notification Honda Service Bulletin 14-032 (Replaces 14-015, Safety Recall: Odyssey Fuel Smell or Leak) Previously submitted: Initial Customer Notification Honda Safety Recall TSB 14-015
322	Related Documents: Customer Notification Honda Service Bulletin 14-032 (Replaces 14-015, Safety Recall: Odyssey Fuel Smell or Leak) Previously submitted: Initial Customer Notification Honda Safety Recall TSB 14-015
323	Related Documents: Customer Notification Honda Service Bulletin 14-032 (Replaces 14-015, Safety Recall: Odyssey Fuel Smell or Leak) Previously submitted: Initial Customer Notification Honda Safety Recall TSB 14-015

	AC	AD	AE
302	No impact		3424
303	The proposed changes have no known impact on fuel economy.		3283
304	The proposed changes have no impact on fuel economy.		3404
305	Fuel economy will not be affected by this reprogramming.		3443
306	Fuel economy will not be affected by this reprogramming.		3443
307	Fuel economy will not be affected by this reprogramming.		3443
308	There is no impact on fuel economy.		3203
309	There is no impact on fuel economy.		3203
310	There is no impact on fuel economy.		3203
311	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3463
312	There is no impact on fuel economy.		3483
313	There is no impact on fuel economy.		3483
314	There is no impact on fuel economy.		3483
315	There is no impact on fuel economy.		3483
316	There is no impact on fuel economy.		3483
317	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3543
318	There is no impact on fuel economy.		3263
319	There is no impact on fuel economy.		3263
320	There is no impact on fuel economy.		3264
321	None		3363
322	None		3363
323	None		3363

	AF	AG	AH	AI
302	Blank "Test Group/Engine Family" area is deleted.	3	Y	Y
303		1	Y	N
304		1	N	N
305	Revised the description of specific modifications.	0	N	N
306	Revised the description of specific modifications.	0	N	N
307	Revised the description of specific modifications.	0	N	N
308		4	Y	Y
309		4	Y	Y
310		4	Y	Y
311		3	Y	Y
312	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
313	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
314	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
315	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
316	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
317		3	Y	Y
318		4	Y	Y
319		4	Y	Y
320		4	Y	Y
321	To update related documents and Notes.	2	Y	N
322	To update related documents and Notes.	2	Y	N
323	To update related documents and Notes.	2	Y	N

	AJ	AK	AL	AM
302	N	Y	144883	No impact
303	N	N	146217	The proposed changes have no known impact on driveability.
304	N	N	151454	The proposed changes have no impact on drivability.
305	N	N	153054	Drivability will not be affected by this reprogramming.
306	N	N	153054	Drivability will not be affected by this reprogramming.
307	N	N	153054	Drivability will not be affected by this reprogramming.
308	Y	N	144820	There is no impact on drivability.
309	Y	N	144820	There is no impact on drivability.
310	Y	N	144820	There is no impact on drivability.
311	N	N	153064	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
312	Y	N	153385	There is no impact on driveability.
313	Y	N	153385	There is no impact on driveability.
314	Y	N	153385	There is no impact on driveability.
315	Y	N	153385	There is no impact on driveability.
316	Y	N	153385	There is no impact on driveability.
317	N	N	154572	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
318	Y	N	145686	Reprograming PCM software is able to correct failure decision of capacitor, resulting in no impact on driveability.
319	Y	N	145686	Reprograming PCM software is able to correct failure decision of capacitor, resulting in no impact on driveability.
320	Y	N	145691	There is no impact on driveability.
321	N	N	149673	None
322	N	N	149673	None
323	N	N	149673	None

	AN	AO	AP	AQ	AR
302	No impact	N	2929	0	0008
303	The proposed changes have no known impact on safety.	N	3009	1	0001
304	The proposed changes have no impact safety.	N	3130	1	1237
305	Vehicle Safety will not be affected by this reprogramming.	N	3149	1	0047
306	Vehicle Safety will not be affected by this reprogramming.	N	3149	1	0047
307	Vehicle Safety will not be affected by this reprogramming.	N	3149	1	0047
308	Reprograming PCM software is able to eliminate a risk to safety, which is fuel leakage due to a crack of fuel tank.	N	2909	0	0024
309	Reprograming PCM software is able to eliminate a risk to safety, which is fuel leakage due to a crack of fuel tank.	N	2909	0	0024
310	Reprograming PCM software is able to eliminate a risk to safety, which is fuel leakage due to a crack of fuel tank.	N	2909	0	0024
311	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3169	0	1414
312	There is no impact safety.	Y	3189	1	0021
313	There is no impact safety.	Y	3189	1	0021
314	There is no impact safety.	Y	3189	1	0021
315	There is no impact safety.	Y	3189	1	0021
316	There is no impact safety.	Y	3189	1	0021
317	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	3269	0	1413
318	Reprograming PCM software is able to correct failure decision of capacitor, resulting in no impact on safety.	N	2989	0	0027
319	Reprograming PCM software is able to correct failure decision of capacitor, resulting in no impact on safety.	N	2989	0	0027
320	Attaching adopter to shut-off-valve in the fuel tank is able to prevent fuel leakage of the external vent of the canister, resulting in no impact on safety.	N	2990	0	0028
321	It will reduce the risk of a fire.	Y	3089	1	0040
322	It will reduce the risk of a fire.	Y	3089	1	0040
323	It will reduce the risk of a fire.	Y	3089	1	0040

	AS	AT	AU
302	N		1
303	N		1
304	Y		1
305	N	9/23/2014	1
306	N	9/23/2014	1
307	N	9/23/2014	1
308	Y	5/1/2014	1
309	Y	5/1/2014	1
310	Y	5/1/2014	1
311	Y		1
312	N		1
313	N		1
314	N		1
315	N		1
316	N		1
317	Y		1
318	Y	5/20/2014	1
319	Y	5/20/2014	1
320	Y	5/20/2014	1
321	N	9/30/2014	1
322	N	9/30/2014	1
323	N	9/30/2014	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
324	11020	7/1/2014	2007	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
325	11020	7/1/2014	2006	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
326	11020	7/1/2014	2005	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
327	11100	8/5/2014	2008	ADX	AD-0010	Light-Duty Vehicles and Trucks	1090	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
328	11940	9/30/2014	2013	CEX	ADR 2014-01	Heavy-Duty Highway Gas and Diesel Engines	176	Y					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418
329	11981	9/29/2014	2011	HYX	14-HK-VERR-01	Light-Duty Vehicles and Trucks	62586	Y					Ms Christine Ueno	cueno@hatci.com	734-337-3191
330	12080	10/3/2014	2015	NSX	FOI_NSX_VER_0016_BD_	Light-Duty Vehicles and Trucks	5829	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
331	11861	9/1/2014	2012	CLF	0002	Alternative Fuel Converter (LDV/LDT/HDV Chassis Certified)	138	Y					Mr Steve Bridson	steve.bridson@cleanfuelusa.com	248-237-4394
332	11880	9/22/2014	2013	VWX	VW-0008	Light-Duty Vehicles and Trucks	9073	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
333	11880	9/22/2014	2012	VWX	VW-0008	Light-Duty Vehicles and Trucks	9073	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
334	12120	10/8/2014	2014	FMX	14B05	Light-Duty Vehicles and Trucks	55204	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
335	12120	10/8/2014	2013	FMX	14B05	Light-Duty Vehicles and Trucks	55204	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
336	12220	10/16/2014	2011	ADX	AD-0007-01	Light-Duty Vehicles and Trucks	172432	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
337	12220	10/16/2014	2012	ADX	AD-0007-01	Light-Duty Vehicles and Trucks	172432	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
338	12221	10/16/2014	2015	NSX	FOI_NSX_VER_0017_BD_	Light-Duty Vehicles and Trucks	6562	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
339	12221	10/16/2014	2014	NSX	FOI_NSX_VER_0017_BD_	Light-Duty Vehicles and Trucks	6562	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
340	12221	10/16/2014	2013	NSX	FOI_NSX_VER_0017_BD_	Light-Duty Vehicles and Trucks	6562	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
341	12221	10/16/2014	2012	NSX	FOI_NSX_VER_0017_BD_	Light-Duty Vehicles and Trucks	6562	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
342	12923	2/11/2015	2015	FMX	14E07	Light-Duty Vehicles and Trucks	1025	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
343	12943	2/16/2015	2015	CRX	P74	Light-Duty Vehicles and Trucks	11668	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
344	12954	2/19/2015	2014	GMX	1252	Light-Duty Vehicles and Trucks	14633	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
345	12959	2/19/2015	2014	FMX	14E03	Heavy-Duty Highway Class 2b/3 Vehicles	461977	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
346	12959	2/19/2015	2013	FMX	14E03	Heavy-Duty Highway Class 2b/3 Vehicles	461977	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
347	12959	2/19/2015	2012	FMX	14E03	Heavy-Duty Highway Class 2b/3 Vehicles	461977	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
348	12959	2/19/2015	2011	FMX	14E03	Heavy-Duty Highway Class 2b/3 Vehicles	461977	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858

	P	Q	R	S	T
324		Fuel Delivery Component	6/16/2014	2014	7
325		Fuel Delivery Component	6/16/2014	2014	7
326		Fuel Delivery Component	6/16/2014	2014	7
327	n/a	Monitoring/Measuring Sensor/System	8/29/2014	2014	10
328	matthew.psota@cummins.com	Catalyst/Aftertreatment Component/System (non-diesel engine)	9/30/2014	2014	3
329	ADAmbrosi@hatci.com	Computer Related (Other than OBD)	9/10/2014	2014	1
330		Crankcase Ventilation Component/System	11/3/2014	2014	16
331	steve.bridson@cleanfuelusa.com	Oxygen Sensor	5/21/2014	2014	2
332	n/a	Monitoring/Measuring Sensor/System	10/21/2014	2014	8
333	n/a	Monitoring/Measuring Sensor/System	10/21/2014	2014	8
334		Catalyst/Aftertreatment Component/System (non-diesel engine)	9/22/2014	2014	1405
335		Catalyst/Aftertreatment Component/System (non-diesel engine)	9/22/2014	2014	1405
336	N/A	Air Inlet/Intake System	11/6/2014	2014	7
337	N/A	Air Inlet/Intake System	11/6/2014	2014	7
338		Computer Related (Other than OBD)	11/3/2014	2014	17
339		Computer Related (Other than OBD)	11/3/2014	2014	17
340		Computer Related (Other than OBD)	11/3/2014	2014	17
341		Computer Related (Other than OBD)	11/3/2014	2014	17
342		Catalyst/Aftertreatment Component/System (non-diesel engine)	1/21/2015	2015	1407
343	dwr1@chrysler.com	On-Board Diagnostic (OBD) System	12/15/2014	2014	1474
344		Evaporative Emissions Systems	2/18/2015	2015	1252
345		Computer Related (Other than OBD)	1/30/2015	2015	1403
346		Computer Related (Other than OBD)	1/30/2015	2015	1403
347		Computer Related (Other than OBD)	1/30/2015	2015	1403
348		Computer Related (Other than OBD)	1/30/2015	2015	1403

	U
324	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
325	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
326	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
327	Component: Engine Control Module Software New SW level available for some MY 2008 Audi S5 with 4.2L engine to address rough engine running during catalyst heating period and or harsh engine speed limitation at about 7,200 rpm. Initial SW level flashed under 24AM campaign required updating to correct unforeseen interference with oil level sensor adaptation. MIL can be activated and DTCs are stored in the ECM for two different events: Random cylinder misfires (DTCs P0300 and/or P0301-P0308) Warm-up catalyst phase (DTCs P0421 and/or P0431) - Manual transmission only Production Software / Level: MY 2008: 8T0 907 560 A / 0001, 0002 & 8T0 907 560 G / 0003, 0005, 0006 (Manual transmission) 8T0 907 560 A & K / 0003 New Improved Software / Level: MY 2008 8T0 907 560 G / 0009 (Manual transmission) If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection.
328	Side inlet SCR systems directly coupled to the decomposition tube have been found to have inadequate mixing resulted in poor conversion efficiency on ISX12 CM2350, ISX15 CM2350, ISL CM2350 2013 aftertreatment configurations.
329	During an initial cold start, unexpected injector build variation can cause abnormally high injector flow rates that would exceed the capacity of the original calibration adaption correction factor ¿map¿ to adjust the air fuel ratio adequately. Such limitation of the adjustment in the air-fuel ratio would result in an overly rich excur
330	On some 2015 4-cylinder Nissan Altima vehicles, there may be defective PCV inlet ports contained in the Intake Manifolds. The defective PCV ports are plugged due to a broken die being used during casting of the manifolds (injection molding) and may not fully allow blow-by gasses to exit the crankcase.
331	On certain Chevrolet Express and GMC Savana Cutaway vans, the catalyst monitoring oxygen sensor element may crack and no longer function, due to thermal shock. Thermal shock may occur when condensate from the catalytic converter enters the relatively hotter oxygen sensor. Affected vehicles are 2011 model year through
332	Part description: Glow Plug Control Module Volkswagen has determined that, if the engine is started during the initial glow plug glow phase, the engine control module (ECM) may receive an incorrect reading from the glow plug control module which may cause the vehicle¿s Malfunction Indicator Light (MIL) to come on. Part number: 03L 907 281 MIL On P06C5 (check glow plug type #1) P06C6 (check glow plug type #2) P06C7 (check glow plug type #3) P06C8 (check glow plug type #4)
333	Part description: Glow Plug Control Module Volkswagen has determined that, if the engine is started during the initial glow plug glow phase, the engine control module (ECM) may receive an incorrect reading from the glow plug control module which may cause the vehicle¿s Malfunction Indicator Light (MIL) to come on. Part number: 03L 907 281 MIL On P06C5 (check glow plug type #1) P06C6 (check glow plug type #2) P06C7 (check glow plug type #3) P06C8 (check glow plug type #4)
334	Some 2013-2014 MY police and livery vehicles are experiencing catalyst replacements in the field with P0420 and/or P0430 codes present in memory. An interaction of the catalyst geometry and the engine calibration behavior during certain drive maneuvers - unique to police and livery fleet drivers - can cause thermal non-unifo
335	Some 2013-2014 MY police and livery vehicles are experiencing catalyst replacements in the field with P0420 and/or P0430 codes present in memory. An interaction of the catalyst geometry and the engine calibration behavior during certain drive maneuvers - unique to police and livery fleet drivers - can cause thermal non-unifo
336	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000 miles to cover the cost of replacement intake manifolds and / or fuel injectors under the following specific conditions, for the affected vehicles: a) A faulty intake manifold may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Intake Manifold: 06J 133 201 AS b) A faulty fuel injector may cause minor misfire conditions and in turn, cause the Malfunction Indicator Lamp (MIL) to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Fuel Injector: 06H 906 036 G
337	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000 miles to cover the cost of replacement intake manifolds and / or fuel injectors under the following specific conditions, for the affected vehicles: a) A faulty intake manifold may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Intake Manifold: 06J 133 201 AS b) A faulty fuel injector may cause minor misfire conditions and in turn, cause the Malfunction Indicator Lamp (MIL) to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Fuel Injector: 06H 906 036 G
338	In the subject vehicles, the Engine Control Module (ECM) is designed to go into fail-safe mode and partially close the electronic throttle chamber regardless of throttle position if it detects a signal interruption from either one of the two Throttle Position Sensors (TPS). Due to a programming error unique to the subject vehicles, if t
339	In the subject vehicles, the Engine Control Module (ECM) is designed to go into fail-safe mode and partially close the electronic throttle chamber regardless of throttle position if it detects a signal interruption from either one of the two Throttle Position Sensors (TPS). Due to a programming error unique to the subject vehicles, if t
340	In the subject vehicles, the Engine Control Module (ECM) is designed to go into fail-safe mode and partially close the electronic throttle chamber regardless of throttle position if it detects a signal interruption from either one of the two Throttle Position Sensors (TPS). Due to a programming error unique to the subject vehicles, if t
341	In the subject vehicles, the Engine Control Module (ECM) is designed to go into fail-safe mode and partially close the electronic throttle chamber regardless of throttle position if it detects a signal interruption from either one of the two Throttle Position Sensors (TPS). Due to a programming error unique to the subject vehicles, if t
342	Some catalytic converters on the 2015 model year V8 5.0L Mustang were built incorrectly, with the inlet and outlet ends of the converter welded into the exhaust assembly in a reverse orientation, due to a supplier manufacturing error.
343	On some 2015 model year Dodge Challenger vehicles, the instrument cluster software could cause the cluster to go into a ¿reset¿ condition and fail to perform a ¿bulb check¿ on safety warning lamps and the Malfunction Indicator Lamp during vehicle start-up. This condition fails to conform to the requirements of Federal Motor Vehicle Safety Standard (FMVSS) No. 101, ¿Controls and Displays¿.
344	Certain vehicles may have been built with an out-of-position ¿anti-siphon¿ grid within the fuel fill pipe.
345	The software for the 2011-2014 F-250, F-350, F-450 and F-550 Super Duty trucks with 6.7L diesel engines exhibits a defect in workmanship (calibration error) enabling drivers to go faster than intended if they enter into the low Diesel Exhaust Fluid (DEF) final inducement step. Per Agency guidance, the vehicle should be speed-limit
346	The software for the 2011-2014 F-250, F-350, F-450 and F-550 Super Duty trucks with 6.7L diesel engines exhibits a defect in workmanship (calibration error) enabling drivers to go faster than intended if they enter into the low Diesel Exhaust Fluid (DEF) final inducement step. Per Agency guidance, the vehicle should be speed-limit
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348	The software for the 2011-2014 F-250, F-350, F-450 and F-550 Super Duty trucks with 6.7L diesel engines exhibits a defect in workmanship (calibration error) enabling drivers to go faster than intended if they enter into the low Diesel Exhaust Fluid (DEF) final inducement step. Per Agency guidance, the vehicle should be speed-limit

	V
324	The fuel filter set will be replaced by a Honda dealership.
325	The fuel filter set will be replaced by a Honda dealership.
326	The fuel filter set will be replaced by a Honda dealership.
327	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected MY 2008 Audi S5 vehicles.
328	Cummins has corrected the issue by designed a new SCR for the side inlet SCR. A new SCR Catalyst will need to be replaced for vehicles already in the field.
329	Engine (ECU) calibration will be changed to optimize the fuel adaption correction factors to allow proper air fuel adaptation for higher fuel injector flow rates during the cold-start catalyst warm-up period
330	The intake manifold PCV inlet ports of potentially affected vehicles will be inspected and replaced with a new intake manifold if necessary.
331	A new oxygen sensor has been released , with a more restrictive cover to prevent larger water droplets from entering the internal oxygen sensor assembly and contacting the sensing element. Also, the sensing element has been made to be more robust against cracking due to thermal shock. General Motors will conduct a Volun
332	Volkswagen Group of America, Inc. will pro-actively initiate an Emissions Service Action with Customer Notification to inspect and repair Glow Plug control module in the affected vehicles. All authorized Volkswagen dealers will be notified of this action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
333	Volkswagen Group of America, Inc. will pro-actively initiate an Emissions Service Action with Customer Notification to inspect and repair Glow Plug control module in the affected vehicles. All authorized Volkswagen dealers will be notified of this action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
334	Affected vehicles will have the catalyst sub-assembly part numbers inspected, and the catalyst(s) replaced if the vehicle is found to have been built with the incorrect prototype catalysts.
335	Affected vehicles will have the catalyst sub-assembly part numbers inspected, and the catalyst(s) replaced if the vehicle is found to have been built with the incorrect prototype catalysts.
336	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000, whichever occurs first, from the vehicle's original in-service date, to cover the cost of replacement of intake manifolds and / or fuel injectors under the specified conditions.
337	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000, whichever occurs first, from the vehicle's original in-service date, to cover the cost of replacement of intake manifolds and / or fuel injectors under the specified conditions.
338	Nissan dealers will reprogram the Engine Control Module (ECM).
339	Nissan dealers will reprogram the Engine Control Module (ECM).
340	Nissan dealers will reprogram the Engine Control Module (ECM).
341	Nissan dealers will reprogram the Engine Control Module (ECM).
342	Dealers will inspect the catalytic converters and replace the ones that were assembled incorrectly.
343	FCA US will conduct a Safety Recall (P74) to reprogram the instrument cluster with updated software on all affected vehicles.
344	General Motors will initiate a voluntary emission recall to replace the fuel tank fill pipe on the 2014 Chevrolet Corvette vehicles. If the grid has become dislodged and entered the fuel tank, dealers will remove the piece from the tank.
345	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will correct the final inducement for low DEF to limit vehicle speed to 5 mph.
346	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will correct the final inducement for low DEF to limit vehicle speed to 5 mph.
347	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will correct the final inducement for low DEF to limit vehicle speed to 5 mph.
348	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will correct the final inducement for low DEF to limit vehicle speed to 5 mph.

	W
324	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
325	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
326	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
327	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
328	Customer names and addresses will be based on Cummins New Engine Registration database and OEM records for affected vehicles. (DTNA, PACCAR, and Grove)
329	All model year 2011 SULEV Sonata 2.4L vehicles built prior to implementation of a specific running change which updated the ECU calibration. Customer lists will be created by VIN (through R.L. Polk) based on build calibration.
330	RL Polk
331	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
332	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
333	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
334	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
335	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
336	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
337	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
338	RL Polk
339	RL Polk
340	RL Polk
341	RL Polk
342	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
343	FCA US provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to FCA US, wh
344	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
345	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
346	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
347	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
348	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.

	X
324	No pre-conditions exist. Repair will be made free-of-charge.
325	No pre-conditions exist. Repair will be made free-of-charge.
326	No pre-conditions exist. Repair will be made free-of-charge.
327	There are no maintenance or eligibility requirements.
328	No preconditions apply
329	Eligibility will be based on vehicle build calibration.
330	None required
331	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
332	There are no maintenance or eligibility requirements.
333	There are no maintenance or eligibility requirements.
334	Eligibility for this program is not conditioned upon proper maintenance or use.
335	Eligibility for this program is not conditioned upon proper maintenance or use.
336	Volkswagen Group of America, Inc. warranty records will be reviewed by the servicing dealers to determine if the customer's vehicle meets the parameters of the subject revised warranty extension program.
337	Volkswagen Group of America, Inc. warranty records will be reviewed by the servicing dealers to determine if the customer's vehicle meets the parameters of the subject revised warranty extension program.
338	None required
339	None required
340	None required
341	None required
342	Eligibility for this program is not conditioned upon proper maintenance or use.
343	None.
344	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
345	Eligibility for this program is not conditioned upon proper maintenance or use.
346	Eligibility for this program is not conditioned upon proper maintenance or use.
347	Eligibility for this program is not conditioned upon proper maintenance or use.
348	Eligibility for this program is not conditioned upon proper maintenance or use.

	Y
324	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
325	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
326	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
327	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action on or about August 29, 2014. Affected Audi owners will be mailed a notification of campaign on or about August 29, 2014.
328	Customers will be notified to take their vehicles to an authorized dealer for SCR replacement following Cummins Campaign #C1561.
329	Make an appointment with their local dealer to have the vehicle reflashed with the new calibration.
330	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
331	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
332	Affected authorized Volkswagen dealers will receive notification and detailed information about this service action on or about October 21, 2014. Affected Volkswagen owners will be mailed a notification regarding this service action on or about October 21, 2014. Enclosed are examples of Service Circulars and Customer Letters
333	Affected authorized Volkswagen dealers will receive notification and detailed information about this service action on or about October 21, 2014. Affected Volkswagen owners will be mailed a notification regarding this service action on or about October 21, 2014. Enclosed are examples of Service Circulars and Customer Letters
334	See Owner Notification Letter.
335	See Owner Notification Letter.
336	All authorized Audi & Volkswagen dealers will be notified of this revised program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
337	All authorized Audi & Volkswagen dealers will be notified of this revised program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
338	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
339	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
340	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
341	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
342	See Owner Notification Letter.
343	The vehicle should be returned to the dealer, which will perform the repairs. Owners may obtain the repair service any time after receipt ofthe notification.
344	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
345	See Owner Notification Letter.
346	See Owner Notification Letter.
347	See Owner Notification Letter.
348	See Owner Notification Letter.

	Z
324	Work can only be performed by an authorized Honda dealership.
325	Work can only be performed by an authorized Honda dealership.
326	Work can only be performed by an authorized Honda dealership.
327	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
328	Repairs will only be performed by Cummins dealers and Cummins Distributor.
329	None
330	Only Nissan dealers will be authorized to perform this service.
331	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
332	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
333	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
334	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
335	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
336	It is anticipated that all affected vehicles will be remedied by authorized Audi and VW dealers.
337	It is anticipated that all affected vehicles will be remedied by authorized Audi and VW dealers.
338	Only Nissan dealers will be authorized to perform this service.
339	Only Nissan dealers will be authorized to perform this service.
340	Only Nissan dealers will be authorized to perform this service.
341	Only Nissan dealers will be authorized to perform this service.
342	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
343	None.
344	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
345	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
346	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
347	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
348	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.

	AA
324	An initial supply of parts needed to complete this repair is scheduled to arrive on June 15, 2014. Additional parts supply will arrive on August 15, 2014 and September 15, 2014.
325	An initial supply of parts needed to complete this repair is scheduled to arrive on June 15, 2014. Additional parts supply will arrive on August 15, 2014 and September 15, 2014.
326	An initial supply of parts needed to complete this repair is scheduled to arrive on June 15, 2014. Additional parts supply will arrive on August 15, 2014 and September 15, 2014.
327	This action is a software update only, therefore there are no parts allocation.
328	The parts (SCRs) will be stocked at MDC and distributed as requested through the Cummins service network.
329	As this change involves a new ECU calibration, the software will be available to all dealers immediately.
330	Approximately 1,475 replacement intake manifolds will be available to dealers immediately upon campaign announcement. There are approximately 305 additional replacement manifolds on order from the supplier with the ability to order and receive more in a timely manner. Since not all of the affected vehicle population is
331	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
332	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
333	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
334	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
335	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
336	Affected authorized Audi and VW dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
337	Affected authorized Audi and VW dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
338	N/A - no hard parts required for this campaign. Nissan has tested the updated ECM program and will make the software available to Nissan dealers upon the launch of the campaign.
339	N/A - no hard parts required for this campaign. Nissan has tested the updated ECM program and will make the software available to Nissan dealers upon the launch of the campaign.
340	N/A - no hard parts required for this campaign. Nissan has tested the updated ECM program and will make the software available to Nissan dealers upon the launch of the campaign.
341	N/A - no hard parts required for this campaign. Nissan has tested the updated ECM program and will make the software available to Nissan dealers upon the launch of the campaign.
342	Dealers are to obtain parts for this repair through the Special Service Support Center.
343	FCA US will supply all dealers with the updated software required to reprogram the instrument cluster.
344	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
345	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
346	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
347	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
348	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.

	AB
324	Related Documents: Customer Notification Honda Service Bulletin 14-032 (Replaces 14-015, Safety Recall: Odyssey Fuel Smell or Leak) Previously submitted: Initial Customer Notification Honda Safety Recall TSB 14-015
325	Related Documents: Customer Notification Honda Service Bulletin 14-032 (Replaces 14-015, Safety Recall: Odyssey Fuel Smell or Leak) Previously submitted: Initial Customer Notification Honda Safety Recall TSB 14-015
326	Related Documents: Customer Notification Honda Service Bulletin 14-032 (Replaces 14-015, Safety Recall: Odyssey Fuel Smell or Leak) Previously submitted: Initial Customer Notification Honda Safety Recall TSB 14-015
327	Forwarding Letter - CBI
328	Cummins Campaign C1561 and Customer lists.
329	Defect description and specific modifications have been updated to be more descriptive of the issue
330	
331	
332	Forwarding Letter - CBI
333	Forwarding Letter - CBI
334	
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336	Forwarding letter - CBI
337	Forwarding letter - CBI
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	AC	AD	AE
324	None		3363
325	None		3363
326	None		3363
327	Not applicable		3383
328	None		3583
329	None.		3603
330	Fuel economy will not be affected by this inspection or repair.		3623
331	The proposed changes have no impact on fuel economy.		3503
332	Not applicable		3523
333	Not applicable		3523
334	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3643
335	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3643
336	Not applicable		3683
337	Not applicable		3683
338	Fuel economy will not be affected by this reprogramming.		3684
339	Fuel economy will not be affected by this reprogramming.		3684
340	Fuel economy will not be affected by this reprogramming.		3684
341	Fuel economy will not be affected by this reprogramming.		3684
342	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3964
343	None.		3983
344	The proposed changes have no impact on fuel economy.		4004
345	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4185
346	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4185
347	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4185
348	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4185

	AF	AG	AH	AI
324	To update related documents and Notes.	2	Y	N
325	To update related documents and Notes.	2	Y	N
326	To update related documents and Notes.	2	Y	N
327		4	Y	Y
328		3	Y	N
329		1	Y	N
330		0	N	N
331		0	N	N
332		3	Y	N
333		3	Y	N
334		3	Y	Y
335		3	Y	Y
336	Warranty Extension Program Revision to include some MY 2011/2012 VW & Audi - 2.0L TFSI vehicles	4	Y	N
337	Warranty Extension Program Revision to include some MY 2011/2012 VW & Audi - 2.0L TFSI vehicles	4	Y	N
338		0	N	N
339		0	N	N
340		0	N	N
341		0	N	N
342		3	Y	Y
343		2	Y	N
344		1	N	N
345		3	Y	Y
346		3	Y	Y
347		3	Y	Y
348		3	Y	Y

	AJ	AK	AL	AM
324	N	N	149673	None
325	N	N	149673	None
326	N	N	149673	None
327	N	Y	150301	Rough engine running during catalyst heating period and or harsh engine speed limitation at approximately 7,200 rpm (manual transmission only).
328	N	Y	154887	None
329	N	N	155029	None.
330	N	N	155304	Drivability will not be affected by this reprogramming, however customers may notice a slightly low or unusual engine idle.
331	N	N	154285	The proposed changes have no impact on drivability.
332	N	Y	154418	Not applicable
333	N	Y	154418	Not applicable
334	N	N	155611	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
335	N	N	155611	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
336	N	Y	156149	Not applicable
337	N	Y	156149	Not applicable
338	N	N	156152	Drivability will not be affected by this reprogramming.
339	N	N	156152	Drivability will not be affected by this reprogramming.
340	N	N	156152	Drivability will not be affected by this reprogramming.
341	N	N	156152	Drivability will not be affected by this reprogramming.
342	N	N	168901	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
343	N	N	169391	None.
344	N	N	169594	The proposed changes have no impact on drivability.
345	N	N	169659	Ford engineering judgment indicates that the corrective action contains drivability enhancements for the affected customers.
346	N	N	169659	Ford engineering judgment indicates that the corrective action contains drivability enhancements for the affected customers.
347	N	N	169659	Ford engineering judgment indicates that the corrective action contains drivability enhancements for the affected customers.
348	N	N	169659	Ford engineering judgment indicates that the corrective action contains drivability enhancements for the affected customers.

	AN	AO	AP	AQ	AR
324	It will reduce the risk of a fire.	Y	3089	1	0040
325	It will reduce the risk of a fire.	Y	3089	1	0040
326	It will reduce the risk of a fire.	Y	3089	1	0040
327	Not applicable	N	3109	0	0040
328	None	N	3309	0	0014
329	None.	N	3329	2	0034
330	No impact on safety.	N	3349	0	0048
331	The proposed changes have no impact on safety.	N	3229	1	1402
332	Not applicable	N	3249	0	9999
333	Not applicable	N	3249	0	9999
334	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3369	0	1403
335	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3369	0	1403
336	Not applicable	N	3409	1	0027,0002,0009,0010,0034,0055,0058
337	Not applicable	N	3409	1	0027,0002,0009,0010,0034,0055,0058
338	No impact on safety.	N	3410	0	0049
339	No impact on safety.	N	3410	0	0049
340	No impact on safety.	N	3410	0	0049
341	No impact on safety.	N	3410	0	0049
342	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3709	0	1417
343	None.	N	3729	0	1502
344	The proposed changes have no impact safety.	N	3750	1	1252
345	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3751	0	1401
346	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3751	0	1401
347	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3751	0	1401
348	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3751	0	1401

	AS	AT	AU
324	N	9/30/2014	1
325	N	9/30/2014	1
326	N	9/30/2014	1
327	Y	8/30/2014	1
328	N	9/30/2015	1
329	N	9/11/2014	1
330	N	11/4/2014	1
331	Y		1
332	Y	10/22/2014	1
333	Y	10/22/2014	1
334	Y		1
335	Y		1
336	Y	11/7/2014	1
337	Y	11/7/2014	1
338	N	11/4/2014	1
339	N	11/4/2014	1
340	N	11/4/2014	1
341	N	11/4/2014	1
342	Y		1
343	Y	12/16/2014	1
344	Y		1
345	Y	1/31/2015	1
346	Y	1/31/2015	1
347	Y	1/31/2015	1
348	Y	1/31/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
349	12424	11/5/2014	2015	CRX	P56	Light-Duty Vehicles and Trucks	72046	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
350	12684	1/5/2015	2009	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	335753	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
351	12684	1/5/2015	2008	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	335753	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
352	12684	1/5/2015	2007	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	335753	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
353	12684	1/5/2015	2006	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	335753	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
354	12685	1/5/2015	2011	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	86756	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
355	12685	1/5/2015	2010	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	86756	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
356	12685	1/5/2015	2009	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	86756	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
357	12561	11/21/2014	2014	CRX	P26	Light-Duty Vehicles and Trucks	42874	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
358	12561	11/21/2014	2013	CRX	P26	Light-Duty Vehicles and Trucks	42874	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
359	12749	1/20/2015	2013	BMX	13E-A01	Light-Duty Vehicles and Trucks	181	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195

	P	Q	R	S	T
349	krf2@chrysler.com	Monitoring/Measuring Sensor/System	10/28/2014	2014	1456
350	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	12/10/2014	2014	1
351	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	12/10/2014	2014	1
352	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	12/10/2014	2014	1
353	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	12/10/2014	2014	1
354	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	12/10/2014	2014	1
355	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	12/10/2014	2014	1
356	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	12/10/2014	2014	1
357	krf2@chrysler.com	Monitoring/Measuring Sensor/System	11/20/2014	2014	1426
358	krf2@chrysler.com	Monitoring/Measuring Sensor/System	11/20/2014	2014	1426
359	Carlheinz.Bayer@bmwna.com	Evaporative Emissions Systems	9/30/2013	2013	1301

	U
349	Some 2015 MY Jeep Cherokee and Chrysler 200 vehicles equipped with a 9-speed transmission, the Transmission Control Module (TCM) software may not allow the transaxle to shift into gear. Fluid from the torque converter may slowly drain back into the transaxle after the vehicle has been sitting for several days. After a restart, a few seconds is required for fluid to fill the torque converter. The current diagnostic calibration incorrectly interprets the torque converter drain-back condition. This drain-back condition may cause the TCM to set a Diagnostic Trouble Code (DTC), illuminate the Malfunction Indicator Lamp (MIL) and not allow the transaxle to shift into gear until the ignition is cycled off for 20 to 30 seconds.
350	This safety issue concerns fuel that could leak from the fuel delivery pipe in the engine compartment and in the presence of an ignition source increase the risk of fire. The National Highway Traffic Safety Administration (NHTSA) has been notified of this concern. In October of 2014, Toyota issued ¿Emissions Defect Information Report Toyota-DIR-20141015¿ on this concern.
351	This safety issue concerns fuel that could leak from the fuel delivery pipe in the engine compartment and in the presence of an ignition source increase the risk of fire. The National Highway Traffic Safety Administration (NHTSA) has been notified of this concern. In October of 2014, Toyota issued ¿Emissions Defect Information Report Toyota-DIR-20141015¿ on this concern.
352	This safety issue concerns fuel that could leak from the fuel delivery pipe in the engine compartment and in the presence of an ignition source increase the risk of fire. The National Highway Traffic Safety Administration (NHTSA) has been notified of this concern. In October of 2014, Toyota issued ¿Emissions Defect Information Report Toyota-DIR-20141015¿ on this concern.
353	This safety issue concerns fuel that could leak from the fuel delivery pipe in the engine compartment and in the presence of an ignition source increase the risk of fire. The National Highway Traffic Safety Administration (NHTSA) has been notified of this concern. In October of 2014, Toyota issued ¿Emissions Defect Information Report Toyota-DIR-20141015¿ on this concern.
354	This safety issue concerns fuel that could leak from the fuel delivery pipe in the engine compartment and in the presence of an ignition source increase the risk of fire. The National Highway Traffic Safety Administration (NHTSA) has been notified of this concern. In October of 2014, Toyota issued ¿Emissions Defect Information Report Toyota-DIR-20141015¿ on this concern.
355	This safety issue concerns fuel that could leak from the fuel delivery pipe in the engine compartment and in the presence of an ignition source increase the risk of fire. The National Highway Traffic Safety Administration (NHTSA) has been notified of this concern. In October of 2014, Toyota issued ¿Emissions Defect Information Report Toyota-DIR-20141015¿ on this concern.
356	This safety issue concerns fuel that could leak from the fuel delivery pipe in the engine compartment and in the presence of an ignition source increase the risk of fire. The National Highway Traffic Safety Administration (NHTSA) has been notified of this concern. In October of 2014, Toyota issued ¿Emissions Defect Information Report Toyota-DIR-20141015¿ on this concern.
357	Some 2013-2014 RAM vehicles may experience an intermittent loss of the speedometer, Electronic Stability Control (ESC), and the Anti-Lock Brake System (ABS), and illumination of the Malfunction indicator Lamp (MIL). Root cause was determined to be as follows: if the key is turned to restart the engine exactly 5 minutes after the engine was shut-off, the ESC system software disables CAN communications resulting in the interruption of the ESC, ABS, and speedometer functions.
358	Some 2013-2014 RAM vehicles may experience an intermittent loss of the speedometer, Electronic Stability Control (ESC), and the Anti-Lock Brake System (ABS), and illumination of the Malfunction indicator Lamp (MIL). Root cause was determined to be as follows: if the key is turned to restart the engine exactly 5 minutes after the engine was shut-off, the ESC system software disables CAN communications resulting in the interruption of the ESC, ABS, and speedometer functions.
359	BMW and Rolls Royce have determined that a small number of vehicles were produced with a Software error in the ECM (Engine Control Module). As a result, the tank ventilation system does not function properly and can cause an accumulation of vapor in the Carbon Canister. A reprogramming of the ECM is necessary to address

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349	Chrysler will conduct an emission related Customer Satisfaction Notification (P56) on all affected vehicles, updating the Transmission Control Module (TCM) software to correct the diagnostic calibration.
350	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for a malfunction of the fuel delivery pipe which can lead to a possible fuel leak in the engine compartment. Lexus is currently preparing the remedy parts.
351	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for a malfunction of the fuel delivery pipe which can lead to a possible fuel leak in the engine compartment. Lexus is currently preparing the remedy parts.
352	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for a malfunction of the fuel delivery pipe which can lead to a possible fuel leak in the engine compartment. Lexus is currently preparing the remedy parts.
353	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for a malfunction of the fuel delivery pipe which can lead to a possible fuel leak in the engine compartment. Lexus is currently preparing the remedy parts.
354	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for a malfunction of the fuel delivery pipe which can lead to a possible fuel leak in the engine compartment. Lexus is currently preparing the remedy parts.
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356	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for a malfunction of the fuel delivery pipe which can lead to a possible fuel leak in the engine compartment. Lexus is currently preparing the remedy parts.
357	Chrysler will conduct an emission related Customer Satisfaction Notification (P26) on all affected vehicles, updating the ABS module software to correct this issue.
358	Chrysler will conduct an emission related Customer Satisfaction Notification (P26) on all affected vehicles, updating the ABS module software to correct this issue.
359	A reprogramming of the ECM will address the situation.

	W
349	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to Chrysler, which is
350	Lexus Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
351	Lexus Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
352	Lexus Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
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357	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to Chrysler, which is
358	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to Chrysler, which is
359	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.

	X
349	None.
350	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
351	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
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356	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
357	None.
358	None.
359	Not applicable.

	Y
349	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
350	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure. Lexus began sending the interim notification letters to the owners beginning on December 10, 2014. The 2nd letter notifying dealers and customers when the remedy is available will be submitted in conjunction with this VERR at a later date.
351	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure. Lexus began sending the interim notification letters to the owners beginning on December 10, 2014. The 2nd letter notifying dealers and customers when the remedy is available will be submitted in conjunction with this VERR at a later date.
352	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure. Lexus began sending the interim notification letters to the owners beginning on December 10, 2014. The 2nd letter notifying dealers and customers when the remedy is available will be submitted in conjunction with this VERR at a later date.
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356	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure. Lexus began sending the interim notification letters to the owners beginning on December 10, 2014. The 2nd letter notifying dealers and customers when the remedy is available will be submitted in conjunction with this VERR at a later date.
357	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
358	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
359	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Z
349	None.
350	The repair will be performed at Lexus dealerships only.
351	The repair will be performed at Lexus dealerships only.
352	The repair will be performed at Lexus dealerships only.
353	The repair will be performed at Lexus dealerships only.
354	The repair will be performed at Lexus dealerships only.
355	The repair will be performed at Lexus dealerships only.
356	The repair will be performed at Lexus dealerships only.
357	None.
358	None.
359	Not applicable.

	AA
349	Chrysler will supply all dealers with the updated calibration and software required to reprogram the Transmission Control Module.
350	Lexus is currently preparing the remedy parts.
351	Lexus is currently preparing the remedy parts.
352	Lexus is currently preparing the remedy parts.
353	Lexus is currently preparing the remedy parts.
354	Lexus is currently preparing the remedy parts.
355	Lexus is currently preparing the remedy parts.
356	Lexus is currently preparing the remedy parts.
357	Chrysler will supply all dealers with the updated calibration and software required to reprogram the Anti-Lock Brake System Module.
358	Chrysler will supply all dealers with the updated calibration and software required to reprogram the Anti-Lock Brake System Module.
359	Not applicable.

	AB
349	
350	Toyota VERR-20150105 letter which contains owner and dealer notification letters.
351	Toyota VERR-20150105 letter which contains owner and dealer notification letters.
352	Toyota VERR-20150105 letter which contains owner and dealer notification letters.
353	Toyota VERR-20150105 letter which contains owner and dealer notification letters.
354	Toyota VERR-20150105 letter which contains owner and dealer notification letters.
355	Toyota VERR-20150105 letter which contains owner and dealer notification letters.
356	Toyota VERR-20150105 letter which contains owner and dealer notification letters.
357	
358	
359	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)

	AC	AD	AE
349	None.		3703
350	This repair will not affect fuel consumption.		3823
351	This repair will not affect fuel consumption.		3823
352	This repair will not affect fuel consumption.		3823
353	This repair will not affect fuel consumption.		3823
354	This repair will not affect fuel consumption.		3824
355	This repair will not affect fuel consumption.		3824
356	This repair will not affect fuel consumption.		3824
357	None.		3743
358	None.		3743
359	This repair has no adverse impact on fuel economy.		3843

	AF	AG	AH	AI
349		2	Y	N
350		1	Y	N
351		1	Y	N
352		1	Y	N
353		1	Y	N
354	Need to include 16 additional test groups for this VERR; original submission maximum was 20.	1	Y	N
355	Need to include 16 additional test groups for this VERR; original submission maximum was 20.	1	Y	N
356	Need to include 16 additional test groups for this VERR; original submission maximum was 20.	1	Y	N
357		2	Y	N
358		2	Y	N
359		1	N	N

	AJ	AK	AL	AM
349	N	N	157964	None.
350	N	Y	165947	This repair will not affect driveability.
351	N	Y	165947	This repair will not affect driveability.
352	N	Y	165947	This repair will not affect driveability.
353	N	Y	165947	This repair will not affect driveability.
354	N	Y	165960	This repair will not affect driveability.
355	N	Y	165960	This repair will not affect driveability.
356	N	Y	165960	This repair will not affect driveability.
357	N	N	160316	None.
358	N	N	160316	None.
359	N	Y	166927	This repair has no adverse impact on driveability.

	AN	AO	AP	AQ	AR
349	None.	N	3449	0	1415
350	Safety is affected and NHTSA has been notified.	N	3569	0	0004
351	Safety is affected and NHTSA has been notified.	N	3569	0	0004
352	Safety is affected and NHTSA has been notified.	N	3569	0	0004
353	Safety is affected and NHTSA has been notified.	N	3569	0	0004
354	Safety is affected and NHTSA has been notified.	N	3570	1	0004
355	Safety is affected and NHTSA has been notified.	N	3570	1	0004
356	Safety is affected and NHTSA has been notified.	N	3570	1	0004
357	None.	N	3489	0	1408
358	None.	N	3489	0	1408
359	This repair has no adverse impact on safety.	N	3589	1	0001,0046,0043

	AS	AT	AU
349	Y	10/29/2014	1
350	Y	12/31/2014	1
351	Y	12/31/2014	1
352	Y	12/31/2014	1
353	Y	12/31/2014	1
354	Y	12/31/2014	1
355	Y	12/31/2014	1
356	Y	12/31/2014	1
357	Y	11/21/2014	1
358	Y	11/21/2014	1
359	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
360	12751	1/20/2015	2012	HNX	PUDR-14-004	Light-Duty Vehicles and Trucks	85284	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
361	12751	1/20/2015	2011	HNX	PUDR-14-004	Light-Duty Vehicles and Trucks	85284	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
362	12751	1/20/2015	2010	HNX	PUDR-14-004	Light-Duty Vehicles and Trucks	85284	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
363	12781	1/22/2015	2015	CRX	P66	Light-Duty Vehicles and Trucks	3591	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
364	12640	12/15/2014	2014	VWX	VW-0009	Light-Duty Vehicles and Trucks	91539	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
365	12640	12/15/2014	2013	VWX	VW-0009	Light-Duty Vehicles and Trucks	91539	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
366	12640	12/15/2014	2012	VWX	VW-0009	Light-Duty Vehicles and Trucks	91539	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
367	12645	12/15/2014	2014	BMX	14E-A01	Light-Duty Vehicles and Trucks	367	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
368	12842	1/30/2015	2010	BMX	14E-W01	Light-Duty Vehicles and Trucks	1723	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
369	12520	11/14/2014	2013	JLX	P039_VERR	Light-Duty Vehicles and Trucks	115510	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139

	P	Q	R	S	T
360		Hybrid Vehicle Component/System	11/18/2014	2014	8
361		Hybrid Vehicle Component/System	11/18/2014	2014	8
362		Hybrid Vehicle Component/System	11/18/2014	2014	8
363	dwr1@chrysler.com	Emission Control Information Label	1/21/2015	2015	1466
364	n/a	Monitoring/Measuring Sensor/System	12/15/2014	2014	9
365	n/a	Monitoring/Measuring Sensor/System	12/15/2014	2014	9
366	n/a	Monitoring/Measuring Sensor/System	12/15/2014	2014	9
367	Carlheinz.Bayer@bmwna.com	Emission Control Information Label	10/1/2014	2014	1401
368	Carlheinz.Bayer@bmwna.com	Electrical, Mechanical and Cooling Systems	2/16/2015	2015	1411
369		Fuel Delivery Component	11/11/2014	2014	3

	U
360	Due to the memory effect of the IMA battery and inappropriate calibration of the MCM, under certain conditions, the OBD system may detect a malfunction of the "Range Check (Capacity Deterioration Check) [Hybrid Battery Pack Deterioration]" of the IMA battery module even if the capacity is normal condition.
361	Due to the memory effect of the IMA battery and inappropriate calibration of the MCM, under certain conditions, the OBD system may detect a malfunction of the "Range Check (Capacity Deterioration Check) [Hybrid Battery Pack Deterioration]" of the IMA battery module even if the capacity is normal condition.
362	Due to the memory effect of the IMA battery and inappropriate calibration of the MCM, under certain conditions, the OBD system may detect a malfunction of the "Range Check (Capacity Deterioration Check) [Hybrid Battery Pack Deterioration]" of the IMA battery module even if the capacity is normal condition.
363	Some 2015 model year Jeep Compass and Patriot vehicles equipped with a 2.4L engine, 6 speed automatic transmission, and all-wheel drive were built with a Vehicle Emission Control Information (VECI) label that incorrectly identifies the emissions test group.
364	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with Customer notification to upgrade ECM Software levels on the affected vehicles. Volkswagen has determined that, under specific conditions: - The turbo charger bearing might experience high friction due to insufficient lubrication after engine cold start caused by high oil viscosity and low oil supply at cold ambient conditions. The boost pressure is limited for the engine warm-up phase. This ensures a reduction of forces on the bearing until lubrication of the turbocharger bearing is sufficient. - Improvements have been made with regard to the PM filter loading / regeneration model. The updated software incorporates the latest engineering experiences to enhance the accuracy of the PM filter model. The implemented changes do not have a negative impact on the KI-factor determination or influence the on road performance of the vehicle. - Improvements have been made ensuring a higher Ammonia filling level of the SCR catalyst. This ensures that the SCR catalyst is more robust against NOx-peaks caused by dynamic and transient speed / load changes. The new software incorporates the latest engineering experiences to enhance the efficiency of the SCR system. Part numbers involved (Improved SW part numbers / levels): 03L 906 012 DE / 8401 03L 906 012 DD / 8400 03L 906 012 BP / 7445 03L 906 012 / 7444
365	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with Customer notification to upgrade ECM Software levels on the affected vehicles. Volkswagen has determined that, under specific conditions: - The turbo charger bearing might experience high friction due to insufficient lubrication after engine cold start caused by high oil viscosity and low oil supply at cold ambient conditions. The boost pressure is limited for the engine warm-up phase. This ensures a reduction of forces on the bearing until lubrication of the turbocharger bearing is sufficient. - Improvements have been made with regard to the PM filter loading / regeneration model. The updated software incorporates the latest engineering experiences to enhance the accuracy of the PM filter model. The implemented changes do not have a negative impact on the KI-factor determination or influence the on road performance of the vehicle. - Improvements have been made ensuring a higher Ammonia filling level of the SCR catalyst. This ensures that the SCR catalyst is more robust against NOx-peaks caused by dynamic and transient speed / load changes. The new software incorporates the latest engineering experiences to enhance the efficiency of the SCR system. Part numbers involved (Improved SW part numbers / levels): 03L 906 012 DE / 8401 03L 906 012 DD / 8400 03L 906 012 BP / 7445 03L 906 012 / 7444
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367	Due to a logistic failure the MY2015 Vehicle Emission Control Information (VECI) Label was inadvertently affixed to 367 MY2014 models X5 xDrive 35d produced between 13th March and 21st April 2014 instead of the correct MY2014 VECI Label. BMW will conduct a voluntary emissions recall to replace the incorrect VECI Label on t
368	The affected part number 11717804384 relates to the Throttle Body. In about 99% of all cases the component throttle body was replaced due to a short circuit caused by oxidation at the throttle body actuator or due to a stuck throttle body due to internal corrosion of the shaft bearing. In case one of these malfunctions is detected, a fault code is stored including MIL illumination.
369	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.

	V
360	The MCM will be updated with a correct programming by a Honda dealership.
361	The MCM will be updated with a correct programming by a Honda dealership.
362	The MCM will be updated with a correct programming by a Honda dealership.
363	Chrysler will perform a voluntary emissions recall (P66) to replace the VECI label.
364	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer satisfaction to update ECM software on the affected vehicles. Affected authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action on or about December 15th, 2014. Affected Volkswagen owners will be mailed a notification of this action on or about December 16th, 2014. Enclosed are examples of Service Circular and Customer Letters.
365	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer satisfaction to update ECM software on the affected vehicles. Affected authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action on or about December 15th, 2014. Affected Volkswagen owners will be mailed a notification of this action on or about December 16th, 2014. Enclosed are examples of Service Circular and Customer Letters.
366	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer satisfaction to update ECM software on the affected vehicles. Affected authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action on or about December 15th, 2014. Affected Volkswagen owners will be mailed a notification of this action on or about December 16th, 2014. Enclosed are examples of Service Circular and Customer Letters.
367	BMW will replace the incorrect labels with the correct model year 2014 emissions labels.
368	The corrective measure consists of extending the emissions warranty of the affected throttle bodies on all of the affected vehicles. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
369	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. P039.

	W
360	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
361	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
362	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
363	Chrysler provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to Chrysler.
364	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
365	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
366	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
367	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
368	BMW will use an external customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
369	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.

	X
360	No pre-conditions exist. Repair will be made free-of-charge.
361	No pre-conditions exist. Repair will be made free-of-charge.
362	No pre-conditions exist. Repair will be made free-of-charge.
363	None.
364	Not applicable.
365	Not applicable.
366	Not applicable.
367	Not applicable.
368	Not applicable.
369	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.

	Y
360	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
361	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
362	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
363	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any Chrysler dealer who will install it for them free of charge.
364	All authorized Volkswagen dealers will be notified of this action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 15th, 2014 Customer Notification: On or about December 16th, 2014
365	All authorized Volkswagen dealers will be notified of this action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 15th, 2014 Customer Notification: On or about December 16th, 2014
366	All authorized Volkswagen dealers will be notified of this action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 15th, 2014 Customer Notification: On or about December 16th, 2014
367	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
368	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
369	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.

	Z
360	Work can only be performed by an authorized Honda dealership.
361	Work can only be performed by an authorized Honda dealership.
362	Work can only be performed by an authorized Honda dealership.
363	None.
364	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
365	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
366	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
367	Not applicable.
368	Not applicable.
369	All required repairs will be performed by Land Rover dealers.

	AA
360	Software update only.
361	Software update only.
362	Software update only.
363	Chrysler will supply a VECI label with each owner letter. Additional labels will be available from Chrysler parts depots as required.
364	This action contains a software update only, therefore there are no parts allocation.
365	This action contains a software update only, therefore there are no parts allocation.
366	This action contains a software update only, therefore there are no parts allocation.
367	New VECI labels are provided to all authorized BMW centers via our service network.
368	Not applicable.
369	There are no parts required for this repair.

	AB
360	Attachments: Honda Product Update TSB 14-064 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
361	Attachments: Honda Product Update TSB 14-064 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
362	Attachments: Honda Product Update TSB 14-064 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
363	
364	Forwarding Letter - CBI
365	Forwarding Letter - CBI
366	Forwarding Letter - CBI
367	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
368	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).
369	The manufacturer's campaign number for this recall is P039.

	AC	AD	AE
360	None.		3844
361	None.		3844
362	None.		3844
363	None.		3863
364	The change in the after-treatment strategy has no negative impact on the fuel consumption and urea refill intervals for the majority of customers.		3783
365	The change in the after-treatment strategy has no negative impact on the fuel consumption and urea refill intervals for the majority of customers.		3783
366	The change in the after-treatment strategy has no negative impact on the fuel consumption and urea refill intervals for the majority of customers.		3783
367	This repair has no adverse impact on fuel economy.		3784
368	An emissions increase is possible, and may exceed the threshold.		3903
369	There is no impact on fuel economy.		3723

	AF	AG	AH	AI
360		1	Y	N
361		1	Y	N
362		1	Y	N
363		2	Y	N
364		3	Y	Y
365		3	Y	Y
366		3	Y	Y
367		1	Y	N
368		1	N	N
369	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N

	AJ	AK	AL	AM
360	N	N	166956	None.
361	N	N	166956	None.
362	N	N	166956	None.
363	N	N	167172	None.
364	N	Y	163080	Under specific conditions, noise from turbocharger and reduced engine performance may occur if the MIL On issue is not addressed.
365	N	Y	163080	Under specific conditions, noise from turbocharger and reduced engine performance may occur if the MIL On issue is not addressed.
366	N	Y	163080	Under specific conditions, noise from turbocharger and reduced engine performance may occur if the MIL On issue is not addressed.
367	N	Y	163394	This repair has no adverse impact on driveability.
368	N	N	167880	This repair has no adverse impact on driveability
369	Y	N	159358	There is no impact on driveability.

	AN	AO	AP	AQ	AR
360	None.	Y	3590	0	0043
361	None.	Y	3590	0	0043
362	None.	Y	3590	0	0043
363	None.	N	3609	0	1501
364	Not applicable	N	3529	0	0024
365	Not applicable	N	3529	0	0024
366	Not applicable	N	3529	0	0024
367	This repair has no adverse impact on safety.	Y	3530	1	0073
368	This repair has no adverse impact on safety.	N	3649	1	0074
369	There is no impact safety.	Y	3469	0	0022

	AS	AT	AU
360	N	11/19/2014	1
361	N	11/19/2014	1
362	N	11/19/2014	1
363	Y	1/22/2015	1
364	N	12/16/2014	1
365	N	12/16/2014	1
366	N	12/16/2014	1
367	N		1
368	N		1
369	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
370	12520	11/14/2014	2012	JLX	P039_VERR	Light-Duty Vehicles and Trucks	115510	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139
371	12520	11/14/2014	2011	JLX	P039_VERR	Light-Duty Vehicles and Trucks	115510	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139
372	12520	11/14/2014	2010	JLX	P039_VERR	Light-Duty Vehicles and Trucks	115510	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139
373	12624	12/4/2014	2015	TYX	Toyota-VERR-20141204	Light-Duty Vehicles and Trucks	15872	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
374	12624	12/4/2014	2014	TYX	Toyota-VERR-20141204	Light-Duty Vehicles and Trucks	15872	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
375	12800	1/26/2015	2014	TYX	Toyota-VERR-20150126	Light-Duty Vehicles and Trucks	286771	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
376	12800	1/26/2015	2013	TYX	Toyota-VERR-20150126	Light-Duty Vehicles and Trucks	286771	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
377	12800	1/26/2015	2012	TYX	Toyota-VERR-20150126	Light-Duty Vehicles and Trucks	286771	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
378	12843	1/30/2015	2011	BMX	14E-W02	Light-Duty Vehicles and Trucks	5476	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
379	12843	1/30/2015	2010	BMX	14E-W02	Light-Duty Vehicles and Trucks	5476	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
380	12843	1/30/2015	2009	BMX	14E-W02	Light-Duty Vehicles and Trucks	5476	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
381	12844	1/30/2015	2011	BMX	14E-W03	Light-Duty Vehicles and Trucks	22563	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
382	12844	1/30/2015	2010	BMX	14E-W03	Light-Duty Vehicles and Trucks	22563	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
383	12844	1/30/2015	2009	BMX	14E-W03	Light-Duty Vehicles and Trucks	22563	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
384	12880	2/4/2015	2008	FMX	14E04	Light-Duty Vehicles and Trucks	40574	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
385	12901	2/6/2015	2012	CEX	ADR 2015-03	Heavy-Duty Highway Gas and Diesel Engines	73	Y					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418
386	12901	2/6/2015	2011	CEX	ADR 2015-03	Heavy-Duty Highway Gas and Diesel Engines	73	Y					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418
387	12648	12/17/2014	2014	FMX	14E02	Light-Duty Vehicles and Trucks	112058	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
388	12648	12/17/2014	2013	FMX	14E02	Light-Duty Vehicles and Trucks	112058	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
389	12783	1/23/2015	2013	CEX	CDR-2015-01	Light-Duty Vehicles and Trucks	33677	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
390	12784	1/23/2015	2014	CEX	CDR-2015-02	Light-Duty Vehicles and Trucks	127483	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504

	P	Q	R	S	T
370		Fuel Delivery Component	11/11/2014	2014	3
371		Fuel Delivery Component	11/11/2014	2014	3
372		Fuel Delivery Component	11/11/2014	2014	3
373	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	11/14/2014	2014	2
374	tom.beierschmitt@tema.toyota.com	Fuel Delivery Component	11/14/2014	2014	2
375	tom.beierschmitt@tema.toyota.com	Air Inlet/Intake System	1/15/2015	2015	2
376	tom.beierschmitt@tema.toyota.com	Air Inlet/Intake System	1/15/2015	2015	2
377	tom.beierschmitt@tema.toyota.com	Air Inlet/Intake System	1/15/2015	2015	2
378	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	2/16/2015	2015	1421
379	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	2/16/2015	2015	1421
380	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	2/16/2015	2015	1421
381	Carlheinz.Bayer@bmwna.com	Crankcase Ventilation Component/System	2/16/2015	2015	1431
382	Carlheinz.Bayer@bmwna.com	Crankcase Ventilation Component/System	2/16/2015	2015	1431
383	Carlheinz.Bayer@bmwna.com	Crankcase Ventilation Component/System	2/16/2015	2015	1431
384		Computer Related (Other than OBD)	1/15/2015	2015	1404
385	matthew.psota@cummins.com	Electrical, Mechanical and Cooling Systems	2/16/2015	2015	6
386	matthew.psota@cummins.com	Electrical, Mechanical and Cooling Systems	2/16/2015	2015	6
387		On-Board Diagnostic (OBD) System	11/25/2014	2014	1402
388		On-Board Diagnostic (OBD) System	11/25/2014	2014	1402
389		Monitoring/Measuring Sensor/System	2/2/2015	2015	4
390		On-Board Diagnostic (OBD) System	11/20/2014	2014	5

	U
370	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.
371	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.
372	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.
373	Toyota initiated a safety recall to replace the fuel delivery pipe on certain Toyota 2014MY Avalon, Camry, Highlander, Sienna and Lexus 2015MY RX350 vehicles with 2GR-FE engine. This safety issue concerns fuel that could leak from the fuel delivery pipe in the engine compartment and in the presence of an ignition source increase the risk of fire. NHTSAhas been notified of this concern. In September of 2014, Toyota issued ¿Emissions Defect Information Report Toyota-DIR-20140918¿ on this concern.
374	Toyota initiated a safety recall to replace the fuel delivery pipe on certain Toyota 2014MY Avalon, Camry, Highlander, Sienna and Lexus 2015MY RX350 vehicles with 2GR-FE engine. This safety issue concerns fuel that could leak from the fuel delivery pipe in the engine compartment and in the presence of an ignition source increase the risk of fire. NHTSAhas been notified of this concern. In September of 2014, Toyota issued ¿Emissions Defect Information Report Toyota-DIR-20140918¿ on this concern.
375	Toyota initiated a limited service campaign to perform a software update to the Engine Control Module (ECM) on certain Toyota 2012-2014MY Tundra/Sequoia with 3UR-FE or 3UR-FBE engine. In the subject vehicles, the ECM may set a Diagnostic Trouble Code (DTC) if debris/ice becomes lodged in the air switching valve. If this occ
376	Toyota initiated a limited service campaign to perform a software update to the Engine Control Module (ECM) on certain Toyota 2012-2014MY Tundra/Sequoia with 3UR-FE or 3UR-FBE engine. In the subject vehicles, the ECM may set a Diagnostic Trouble Code (DTC) if debris/ice becomes lodged in the air switching valve. If this occ
377	Toyota initiated a limited service campaign to perform a software update to the Engine Control Module (ECM) on certain Toyota 2012-2014MY Tundra/Sequoia with 3UR-FE or 3UR-FBE engine. In the subject vehicles, the ECM may set a Diagnostic Trouble Code (DTC) if debris/ice becomes lodged in the air switching valve. If this occ
378	An affected engine¿s Vacuum Pump may leak engine crankcase oil or malfunction.
379	An affected engine¿s Vacuum Pump may leak engine crankcase oil or malfunction.
380	An affected engine¿s Vacuum Pump may leak engine crankcase oil or malfunction.
381	The affected parts relate to the Ventilation Hose Connecting Live (PCV). In more than 50% of all cases, this part was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200C for material PA6) are the main rea
382	The affected parts relate to the Ventilation Hose Connecting Live (PCV). In more than 50% of all cases, this part was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200C for material PA6) are the main rea
383	The affected parts relate to the Ventilation Hose Connecting Live (PCV). In more than 50% of all cases, this part was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200C for material PA6) are the main rea
384	Some 2008 model year LEV 2 / SULEV certified Ford Taurus and Taurus X and Mercury Sable vehicles exceeded the FTP NMOG exhaust emissions standard when tested at the Automotive Testing and Development Services laboratory in Ontario, California as part of a CAP 2000 In-Use Confirmatory Program. Calibration changes that
385	Chrysler trucks with Cummins engine have experienced coolant hose connection failures between the engine and diesel exhaust fluid (DEF) tank resulting in a loss of engine coolant. Improper coolant hose construction and insufficient clamping force have been identified as the root cause of the connection failure between the er
386	Chrysler trucks with Cummins engine have experienced coolant hose connection failures between the engine and diesel exhaust fluid (DEF) tank resulting in a loss of engine coolant. Improper coolant hose construction and insufficient clamping force have been identified as the root cause of the connection failure between the er
387	Some hybrid-electric and plug-in hybrid electric Fusion, MKZ, and C-Max vehicles have the diagnostic trouble code P24BC (evaporative leak control module pressure sensor circuit intermittent) incorrectly set to non-MIL. This code when set will inhibit certain evaporative monitor required MIL diagnostic trouble codes: P144B, P04
388	Some hybrid-electric and plug-in hybrid electric Fusion, MKZ, and C-Max vehicles have the diagnostic trouble code P24BC (evaporative leak control module pressure sensor circuit intermittent) incorrectly set to non-MIL. This code when set will inhibit certain evaporative monitor required MIL diagnostic trouble codes: P144B, P04
389	Some MY 2013 Ram pickup trucks were built with incorrectly routed circuits for the Diesel Particulate Filter (DPF) inlet and outlet temperature sensors in the transmission harness. The root cause of the wire routing issue was determined to be an error in the wiring schematic from the transmission harness supplier. This issue on
390	Some 2013-2014 RAM vehicles may experience an intermittent loss of the speedometer, Electronic Stability Control (ESC), and the Anti-Lock Brake System (ABS), and illumination of the Malfunction indicator lamp (MIL). Root cause was determined to be as follows: if the key turned to restart the engine exactly 5 minutes after the engine was shut-off, the ESC system software disables CAN communication resulting in the interruption of the ESC, ABS and the speedometer functions.

	V
370	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. P039.
371	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. P039.
372	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. P039.
373	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for a malfunction of the fuel delivery pipe end cap which can lead to a possible fuel leak in the engine compartment. Toyota and Lexus dealers will inspect the fuel delivery pipe to determine if the vehicle is equipped with an affecte
374	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for a malfunction of the fuel delivery pipe end cap which can lead to a possible fuel leak in the engine compartment. Toyota and Lexus dealers will inspect the fuel delivery pipe to determine if the vehicle is equipped with an affecte
375	All known owners of affected vehicles will be notified via first class mail that there is a limited service campaign for MIL illumination and a software update to the ECM.
376	All known owners of affected vehicles will be notified via first class mail that there is a limited service campaign for MIL illumination and a software update to the ECM.
377	All known owners of affected vehicles will be notified via first class mail that there is a limited service campaign for MIL illumination and a software update to the ECM.
378	The corrective measure consists of extending the emissions warranty for the affected vacuum pump on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the vacuum pump with an improved version of the original fails during this extended warranty peri
379	The corrective measure consists of extending the emissions warranty for the affected vacuum pump on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the vacuum pump with an improved version of the original fails during this extended warranty peri
380	The corrective measure consists of extending the emissions warranty for the affected vacuum pump on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the vacuum pump with an improved version of the original fails during this extended warranty peri
381	The corrective action consists of extending the emissions warranty for the PCV Ventilation Hose on all affected vehicles to 10 years or 120,000 miles, whichever comes first, and replacing the Hose with an improved version if the original fails during this extended warranty period. BMW will also reimburse owners who have alread
382	The corrective action consists of extending the emissions warranty for the PCV Ventilation Hose on all affected vehicles to 10 years or 120,000 miles, whichever comes first, and replacing the Hose with an improved version if the original fails during this extended warranty period. BMW will also reimburse owners who have alread
383	The corrective action consists of extending the emissions warranty for the PCV Ventilation Hose on all affected vehicles to 10 years or 120,000 miles, whichever comes first, and replacing the Hose with an improved version if the original fails during this extended warranty period. BMW will also reimburse owners who have alread
384	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will provide the correct amount offuel for cold starts.
385	The coolant hose bundles for the DEF and all related hose clamps must be replaced; The clamps is reduced, from 20mm to 19mm, to increase clamping force. The hose material is changed to a denser yarn and a tighter weave.
386	The coolant hose bundles for the DEF and all related hose clamps must be replaced; The clamps is reduced, from 20mm to 19mm, to increase clamping force. The hose material is changed to a denser yarn and a tighter weave.
387	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will update P24BC to be a MIL diagnostic.
388	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will update P24BC to be a MIL diagnostic.
389	Re-connect the DPF temperature sensors connectors to correct body wire harness connectors.
390	The ABS module must be reprogrammed with new software.

	W
370	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis ofthese VINs.
371	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis ofthese VINs.
372	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis ofthese VINs.
373	Lexus and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
374	Lexus and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
375	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
376	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
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378	BMW will use an external customer database to obtain names and addresses ofthe affected vehicle owners. The vehicle owners will be notified through First Class Mail.
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381	BMW will use an external customer database to obtain names and addresses ofthe affected vehicle owners. The vehicle owners will be notified through First Class Mail.
382	BMW will use an external customer database to obtain names and addresses ofthe affected vehicle owners. The vehicle owners will be notified through First Class Mail.
383	BMW will use an external customer database to obtain names and addresses ofthe affected vehicle owners. The vehicle owners will be notified through First Class Mail.
384	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
385	In conducting a recall, Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler w
386	In conducting a recall, Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler w
387	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
388	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
389	In conducting a recall, Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler w
390	In conducting a recall, Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler w

	X
370	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
371	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
372	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
373	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
374	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
375	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
376	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
377	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
378	Not applicable.
379	Not applicable.
380	Not applicable.
381	Not applicable.
382	Not applicable.
383	Not applicable.
384	Eligibility for this program is not conditioned upon proper maintenance or use.
385	No preconditions apply
386	No preconditions apply
387	Eligibility for this program is not conditioned upon proper maintenance or use.
388	Eligibility for this program is not conditioned upon proper maintenance or use.
389	None
390	None

	Y
370	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
371	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
372	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
373	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
374	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
375	The repair will be performed at Toyota dealerships only, and will take approximately 30 minutes. However, depending upon the dealerćs work schedule, it may be necessary to make your vehicle available for a longer period of time.
376	The repair will be performed at Toyota dealerships only, and will take approximately 30 minutes. However, depending upon the dealerćs work schedule, it may be necessary to make your vehicle available for a longer period of time.
377	The repair will be performed at Toyota dealerships only, and will take approximately 30 minutes. However, depending upon the dealerćs work schedule, it may be necessary to make your vehicle available for a longer period of time.
378	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
379	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
380	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
381	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
382	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
383	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
384	See Owner Notification Letter.
385	Customers will be notified to take their vehicles to nearest Chrysler dealer for the coolant hose bundles for the DEF and all related hose clamps replacement.
386	Customers will be notified to take their vehicles to nearest Chrysler dealer for the coolant hose bundles for the DEF and all related hose clamps replacement.
387	See Owner Notification Letter.
388	See Owner Notification Letter.
389	The vehicle should be returned to the dealer, which will re-connect the DPF temperature sensors connectors to correct body wire harness connectors. Owners may obtain the repair service any time after receipt of the notification.
390	The vehicle should be returned to the dealer, for the ABS module software to be updated to allow proper operation. Owners may obtain the repair service any time after receipt of the notification.

	Z
370	All required repairs will be performed by Land Rover dealers.
371	All required repairs will be performed by Land Rover dealers.
372	All required repairs will be performed by Land Rover dealers.
373	The repair will be performed at Lexus and Toyota dealerships only and the inspection will take approximately 45 minutes. If replacement of the fuel delivery pipe is necessary, the repair will take approximately an additional 2.5 hours. However, this period may be longer depending upon the dealer¿s work schedule.
374	The repair will be performed at Lexus and Toyota dealerships only and the inspection will take approximately 45 minutes. If replacement of the fuel delivery pipe is necessary, the repair will take approximately an additional 2.5 hours. However, this period may be longer depending upon the dealer¿s work schedule.
375	The repair will be performed at Toyota dealerships only.
376	The repair will be performed at Toyota dealerships only.
377	The repair will be performed at Toyota dealerships only.
378	Not applicable.
379	Not applicable.
380	Not applicable.
381	Not applicable.
382	Not applicable.
383	Not applicable.
384	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
385	Repairs will be performed by Chrysler dealers.
386	Repairs will be performed by Chrysler dealers.
387	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
388	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
389	None
390	None

	AA
370	There are no parts required for this repair.
371	There are no parts required for this repair.
372	There are no parts required for this repair.
373	There is sufficient inventory of the replacement parts to accommodate this safety recall.
374	There is sufficient inventory of the replacement parts to accommodate this safety recall.
375	There is no part replacement since this is a software update.
376	There is no part replacement since this is a software update.
377	There is no part replacement since this is a software update.
378	Not applicable.
379	Not applicable.
380	Not applicable.
381	Not applicable.
382	Not applicable.
383	Not applicable.
384	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
385	The parts will be stocked at Chrysler service dealers.
386	The parts will be stocked at Chrysler service dealers.
387	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
388	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
389	Chrysler will supply all of its dealers with this required parts to complete the repair.
390	Chrysler will supply all of its dealers with this required parts to complete the repair.

	AB
370	The manufacturer's campaign number for this recall is P039.
371	The manufacturer's campaign number for this recall is P039.
372	The manufacturer's campaign number for this recall is P039.
373	Toyota VERR-20141204 letter which contains owner notification, dealer notification and repair procedures.
374	Toyota VERR-20141204 letter which contains owner notification, dealer notification and repair procedures.
375	Toyota VERR-20150126 letter, which contains owner/dealer notification letters and repair instructions including sample repair label.
376	Toyota VERR-20150126 letter, which contains owner/dealer notification letters and repair instructions including sample repair label.
377	Toyota VERR-20150126 letter, which contains owner/dealer notification letters and repair instructions including sample repair label.
378	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).
379	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).
380	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).
381	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).
382	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).
383	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).
384	
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390	

	AC	AD	AE
370	There is no impact on fuel economy.		3723
371	There is no impact on fuel economy.		3723
372	There is no impact on fuel economy.		3723
373	This repair will not affect fuel consumption.		3763
374	This repair will not affect fuel consumption.		3763
375	This repair will not affect fuel economy.		3883
376	This repair will not affect fuel economy.		3883
377	This repair will not affect fuel economy.		3883
378	This repair has no adverse impact on fuel economy.		3904
379	This repair has no adverse impact on fuel economy.		3904
380	This repair has no adverse impact on fuel economy.		3904
381	An emissions increase is possible, and may exceed the threshold.		3905
382	An emissions increase is possible, and may exceed the threshold.		3905
383	An emissions increase is possible, and may exceed the threshold.		3905
384	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3923
385	None		3963
386	None		3963
387	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3803
388	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3803
389	None		3864
390	None		3865

	AF	AG	AH	AI
370	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
371	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
372	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
373		1	Y	Y
374		1	Y	Y
375		1	Y	Y
376		1	Y	Y
377		1	Y	Y
378		1	N	N
379		1	N	N
380		1	N	N
381		1	N	N
382		1	N	N
383		1	N	N
384		3	Y	Y
385		2	Y	N
386		2	Y	N
387		3	Y	Y
388		3	Y	Y
389		2	Y	Y
390		2	Y	Y

	AJ	AK	AL	AM
370	Y	N	159358	There is no impact on driveability.
371	Y	N	159358	There is no impact on driveability.
372	Y	N	159358	There is no impact on driveability.
373	N	Y	161589	This repair will not affect driveability.
374	N	Y	161589	This repair will not affect driveability.
375	Y	Y	167395	This repair will not affect driveability.
376	Y	Y	167395	This repair will not affect driveability.
377	Y	Y	167395	This repair will not affect driveability.
378	N	Y	167884	This repair has no adverse impact on driveability
379	N	Y	167884	This repair has no adverse impact on driveability
380	N	Y	167884	This repair has no adverse impact on driveability
381	N	Y	167886	This repair has no adverse impact on driveability
382	N	Y	167886	This repair has no adverse impact on driveability
383	N	Y	167886	This repair has no adverse impact on driveability
384	N	N	168231	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
385	N	N	168459	None
386	N	N	168459	None
387	N	N	163782	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
388	N	N	163782	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
389	N	N	167209	None
390	N	N	167212	None

	AN	AO	AP	AQ	AR
370	There is no impact safety.	Y	3469	0	0022
371	There is no impact safety.	Y	3469	0	0022
372	There is no impact safety.	Y	3469	0	0022
373	Safety is affected and NHTSA has been notified.	N	3509	0	0003
374	Safety is affected and NHTSA has been notified.	N	3509	0	0003
375	This repair will not affect safety.	N	3629	0	0001
376	This repair will not affect safety.	N	3629	0	0001
377	This repair will not affect safety.	N	3629	0	0001
378	This repair has no adverse impact on safety.	N	3650	1	0042
379	This repair has no adverse impact on safety.	N	3650	1	0042
380	This repair has no adverse impact on safety.	N	3650	1	0042
381	This repair has no adverse impact on safety.	N	3651	1	0039
382	This repair has no adverse impact on safety.	N	3651	1	0039
383	This repair has no adverse impact on safety.	N	3651	1	0039
384	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3669	0	1411
385	None	N	4071	0	0005
386	None	N	4071	0	0005
387	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3549	0	1410
388	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3549	0	1410
389	None	N	3610	0	0017
390	None	N	3611	0	1048

	AS	AT	AU
370	N		1
371	N		1
372	N		1
373	Y	11/17/2014	1
374	Y	11/17/2014	1
375	Y	2/11/2015	1
376	Y	2/11/2015	1
377	Y	2/11/2015	1
378	N		1
379	N		1
380	N		1
381	N		1
382	N		1
383	N		1
384	Y		1
385	Y	2/29/2016	1
386	Y	2/29/2016	1
387	Y		1
388	Y		1
389	Y		1
390	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
391	12784	1/23/2015	2013	CEX	CDR-2015-02	Light-Duty Vehicles and Trucks	127483	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
392	12948	2/18/2015	2012	BMX	14E-W05	Light-Duty Vehicles and Trucks	52300	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
393	13181	4/10/2015	2014	FMX	14B08	Heavy-Duty Highway Gas and Diesel Engines	5117	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
394	13181	4/10/2015	2013	FMX	14B08	Heavy-Duty Highway Gas and Diesel Engines	5117	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
395	13181	4/10/2015	2012	FMX	14B08	Heavy-Duty Highway Gas and Diesel Engines	5117	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
396	13181	4/10/2015	2011	FMX	14B08	Heavy-Duty Highway Gas and Diesel Engines	5117	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
397	13182	4/10/2015	2014	FMX	14N03	Heavy-Duty Highway Gas and Diesel Engines	5117	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
398	13182	4/10/2015	2013	FMX	14N03	Heavy-Duty Highway Gas and Diesel Engines	5117	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
399	13182	4/10/2015	2012	FMX	14N03	Heavy-Duty Highway Gas and Diesel Engines	5117	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
400	13182	4/10/2015	2011	FMX	14N03	Heavy-Duty Highway Gas and Diesel Engines	5117	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
401	13203	4/13/2015	2014	BMX	15E-A01	Light-Duty Vehicles and Trucks	2573	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
402	13210	4/16/2015	2013	GMX	1250	Light-Duty Vehicles and Trucks	428480	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
403	13210	4/16/2015	2012	GMX	1250	Light-Duty Vehicles and Trucks	428480	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
404	13210	4/16/2015	2011	GMX	1250	Light-Duty Vehicles and Trucks	428480	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
405	13204	4/14/2015	2008	BMX	15E-W01	Light-Duty Vehicles and Trucks	93739	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
406	13204	4/14/2015	2011	BMX	15E-W01	Light-Duty Vehicles and Trucks	93739	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
407	13204	4/14/2015	2010	BMX	15E-W01	Light-Duty Vehicles and Trucks	93739	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
408	13204	4/14/2015	2009	BMX	15E-W01	Light-Duty Vehicles and Trucks	93739	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
409	13204	4/14/2015	2007	BMX	15E-W01	Light-Duty Vehicles and Trucks	93739	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
410	13205	4/14/2015	2012	BMX	15E-W01	Light-Duty Vehicles and Trucks	51117	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
411	13205	4/14/2015	2011	BMX	15E-W01	Light-Duty Vehicles and Trucks	51117	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
412	13205	4/14/2015	2010	BMX	15E-W01	Light-Duty Vehicles and Trucks	51117	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
413	13205	4/14/2015	2009	BMX	15E-W01	Light-Duty Vehicles and Trucks	51117	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
414	13261	4/24/2015	2015	CRX	2015-07	Light-Duty Vehicles and Trucks	1925	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
415	13340	5/15/2015	2008	GMX	1261	Light-Duty Vehicles and Trucks	89088	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
416	12960	2/19/2015	2014	FMX	14E03	Light-Duty Vehicles and Trucks	461977	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
417	12960	2/19/2015	2013	FMX	14E03	Light-Duty Vehicles and Trucks	461977	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
418	12960	2/19/2015	2012	FMX	14E03	Light-Duty Vehicles and Trucks	461977	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
419	12960	2/19/2015	2011	FMX	14E03	Light-Duty Vehicles and Trucks	461977	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
420	13061	3/11/2015	2015	FMX	14E09	Light-Duty Vehicles and Trucks	4707	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
421	13420	6/8/2015	2014	TYX	Toyota-VERR-20150608	Light-Duty Vehicles and Trucks	20173	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
422	13435	6/12/2015	2012	FMX	15M01	Heavy-Duty Highway Gas and Diesel Engines	317361	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
423	13435	6/12/2015	2011	FMX	15M01	Heavy-Duty Highway Gas and Diesel Engines	317361	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
424	13080	3/12/2015	2013	ADX	AD-0012	Light-Duty Vehicles and Trucks	25766	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
425	13080	3/12/2015	2012	ADX	AD-0012	Light-Duty Vehicles and Trucks	25766	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203

	P	Q	R	S	T
391		On-Board Diagnostic (OBD) System	11/20/2014	2014	5
392	Carlheinz.Bayer@bmwna.com	Computer Related (Other than OBD)	4/1/2015	2015	1451
393		Computer Related (Other than OBD)	1/9/2015	2015	1488
394		Computer Related (Other than OBD)	1/9/2015	2015	1488
395		Computer Related (Other than OBD)	1/9/2015	2015	1488
396		Computer Related (Other than OBD)	1/9/2015	2015	1488
397		Computer Related (Other than OBD)	1/9/2015	2015	1433
398		Computer Related (Other than OBD)	1/9/2015	2015	1433
399		Computer Related (Other than OBD)	1/9/2015	2015	1433
400		Computer Related (Other than OBD)	1/9/2015	2015	1433
401	Carlheinz.Bayer@bmwna.com	Diesel Particulate Filter System	6/1/2015	2015	1501
402		Computer Related (Other than OBD)	3/20/2015	2015	1250
403		Computer Related (Other than OBD)	3/20/2015	2015	1250
404		Computer Related (Other than OBD)	3/20/2015	2015	1250
405	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	6/1/2015	2015	1511
406	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	6/1/2015	2015	1511
407	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	6/1/2015	2015	1511
408	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	6/1/2015	2015	1511
409	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	6/1/2015	2015	1511
410	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	6/1/2015	2015	1511
411	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	6/1/2015	2015	1511
412	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	6/1/2015	2015	1511
413	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	6/1/2015	2015	1511
414	mark.finsterwald@fcagroup.com	Fuel Delivery Component	4/23/2015	2015	1507
415		Computer Related (Other than OBD)	5/11/2015	2015	1261
416		Computer Related (Other than OBD)	1/30/2015	2015	1403
417		Computer Related (Other than OBD)	1/30/2015	2015	1403
418		Computer Related (Other than OBD)	1/30/2015	2015	1403
419		Computer Related (Other than OBD)	1/30/2015	2015	1403
420		On-Board Diagnostic (OBD) System	2/20/2015	2015	1409
421	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	6/7/2015	2015	5
422		Exhaust System	5/25/2015	2015	1501
423		Exhaust System	5/25/2015	2015	1501
424	n/a	Fuel Delivery System	3/17/2015	2015	12
425	n/a	Fuel Delivery System	3/17/2015	2015	12

	U
	Some 2013-2014 RAM vehicles may experience an intermittent loss of the speedometer, Electronic Stability Control (ESC), and the Anti-Lock Brake System (ABS), and illumination of the Malfunction indicator lamp (MIL).
391	Root cause was determined to be as follows: if the key turned to restart the engine exactly 5 minutes after the engine was shut-off, the ESC system software disables CAN communication resulting in the interruption of the ESC, ABS and the speedometer functions.
392	The affected part number 11537633476 related to the Thermostat (including a map controlled heating element). Analyses have shown that in 90% of all cases, the thermostat was replaced due to a disconnected pin of the heating element caused by corrosion due to moisture ingress in the thermostat housing. The corrosion lea
393	Some 2011-2014 model year commercial stripped chassis vehicles may have failures of the Intake Manifold Runner Control (IMRC) modules due to electrical shorts or corrosion, caused by water ingestion into the modules. This water intrusion is present only on the stripped chassis vehicles, due to packaging that allowed a wate
394	Some 2011-2014 model year commercial stripped chassis vehicles may have failures of the Intake Manifold Runner Control (IMRC) modules due to electrical shorts or corrosion, caused by water ingestion into the modules. This water intrusion is present only on the stripped chassis vehicles, due to packaging that allowed a wate
395	Some 2011-2014 model year commercial stripped chassis vehicles may have failures of the Intake Manifold Runner Control (IMRC) modules due to electrical shorts or corrosion, caused by water ingestion into the modules. This water intrusion is present only on the stripped chassis vehicles, due to packaging that allowed a wate
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401	Due to a logistic failure the MY2015 Vehicle Emission Control Information (VECI) Label was inadvertently affixed to 1,357 MY2014 i3 REx and i8 models produced between November 1st and December 22nd 2014 instead of the correct MY2014 VECI Label.
402	The design of the fuel control system for these 2011-2013 Cruze vehicles did not sufficiently comprehend the adverse emissions effects of component protection, which resulted in higher than expected emission performance under conditions represented on the US06 test.
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405	Based on warranty claims and subsequent investigations, BMW determined that a safety-related problem exists on a certain number various BMW models, the nature of which has been outlined in the enclosed Voluntary Emissions Warranty Extension Plan.
406	Based on warranty claims and subsequent investigations, BMW determined that a safety-related problem exists on a certain number various BMW models, the nature of which has been outlined in the enclosed Voluntary Emissions Warranty Extension Plan.
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413	Based on warranty claims and subsequent investigations, BMW determined that a safety-related problem exists on a certain number various BMW models, the nature of which has been outlined in the enclosed Voluntary Emissions Warranty Extension Plan.
414	Some 2015 MY Dodge Challenger SRT and Dodge Charger SRT vehicles equipped with the 6.2L Supercharged Engine may have a damaged fuel injector rail crossover hose which could leak. Root cause was determined to be as follows: Damage was determined to have occurred on the hose installation fixture during the tier 2 fuel rail supplier¿s manufacturing process.
415	The design of the fuel control system for certain 2008 Silverado/Sierra/Suburban/Avalanche/Tahoe/Yukon vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected emission performance under conditions represented on the FTP emissions test during Air Resource Board confirmatory
416	The software for the 2011-2014 F-250, F-350, F-450 and F-550 Super Duty trucks with 6.7L diesel engines exhibits a defect in workmanship (calibration error) enabling drivers to go faster than intended if they enter into the low Diesel Exhaust Fluid (DEF) final inducement step. Per Agency guidance, the vehicle should be speed-limit
417	The software for the 2011-2014 F-250, F-350, F-450 and F-550 Super Duty trucks with 6.7L diesel engines exhibits a defect in workmanship (calibration error) enabling drivers to go faster than intended if they enter into the low Diesel Exhaust Fluid (DEF) final inducement step. Per Agency guidance, the vehicle should be speed-limit
418	The software for the 2011-2014 F-250, F-350, F-450 and F-550 Super Duty trucks with 6.7L diesel engines exhibits a defect in workmanship (calibration error) enabling drivers to go faster than intended if they enter into the low Diesel Exhaust Fluid (DEF) final inducement step. Per Agency guidance, the vehicle should be speed-limit
419	The software for the 2011-2014 F-250, F-350, F-450 and F-550 Super Duty trucks with 6.7L diesel engines exhibits a defect in workmanship (calibration error) enabling drivers to go faster than intended if they enter into the low Diesel Exhaust Fluid (DEF) final inducement step. Per Agency guidance, the vehicle should be speed-limit
420	Some 2015 model year hybrid and plug-in hybrid Fusion and hybrid MKZ vehicles have Ambient Air Temperature (AAT) sensor diagnostics that were incorrectly set to be non-MIL and in the event of a sensor failure, inhibit required evaporative monitor diagnostics without illuminating the MIL.
421	Toyota initiated a limited service campaign to perform a software update to the Engine Control Module (ECM) on certain Toyota 2014MY Corolla with 2ZR-FAE engine. The subject vehicle may illuminate a Check Engine warning lamp due to software programming for continuous variable valve lift control. If this condition occurs, the
422	Some 2011 and 2012 model year 6.7L F-Series trucks may experience failures of the Exhaust Temperature (EGT) Sensor due to internal shorting, misalignment of sensor leads, mechanical damage or loose sensor welds.
423	Some 2011 and 2012 model year 6.7L F-Series trucks may experience failures of the Exhaust Temperature (EGT) Sensor due to internal shorting, misalignment of sensor leads, mechanical damage or loose sensor welds.
424	It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system due to production tolerance issues and vehicle vibration during dynamic driving conditions. Additionally, some vehicles may benefit from having the thermostat and/or the crankcase pressure valve proactively updated. Repairs to these other components are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection. Part numbers involved (Audi vehicles): 06E 198 201 - Fuel rail kit 06E 998 907 E - Repair kit Improved Thermostat: 06E 121 111 AL Improved Crankcase Pressure regulating valve: 06E 103 547 H
425	It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system due to production tolerance issues and vehicle vibration during dynamic driving conditions. Additionally, some vehicles may benefit from having the thermostat and/or the crankcase pressure valve proactively updated. Repairs to these other components are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection. Part numbers involved (Audi vehicles): 06E 198 201 - Fuel rail kit 06E 998 907 E - Repair kit Improved Thermostat: 06E 121 111 AL Improved Crankcase Pressure regulating valve: 06E 103 547 H

	V
391	The ABS module must be reprogrammed with new software.
392	The corrective measure consists of extending the emissions warranty for the affected Thermostat on all of the vehicles listed to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the Thermostat with an improved version if the original fails during the extended warranty period.
393	Dealers will update the affected vehicles with an IMRC actuator moisture shield.
394	Dealers will update the affected vehicles with an IMRC actuator moisture shield.
395	Dealers will update the affected vehicles with an IMRC actuator moisture shield.
396	Dealers will update the affected vehicles with an IMRC actuator moisture shield.
397	Ford will extend the warranty coverage for this fault condition on the IMRC module to 10 years of service or 150,000 miles from the warranty start date of the vehicle, whichever occurs first. This is a one-time repair program. If a vehicle has already exceeded either the time or mileage limits, this coverage will last through June 30
398	Ford will extend the warranty coverage for this fault condition on the IMRC module to 10 years of service or 150,000 miles from the warranty start date of the vehicle, whichever occurs first. This is a one-time repair program. If a vehicle has already exceeded either the time or mileage limits, this coverage will last through June 30
399	Ford will extend the warranty coverage for this fault condition on the IMRC module to 10 years of service or 150,000 miles from the warranty start date of the vehicle, whichever occurs first. This is a one-time repair program. If a vehicle has already exceeded either the time or mileage limits, this coverage will last through June 30
400	Ford will extend the warranty coverage for this fault condition on the IMRC module to 10 years of service or 150,000 miles from the warranty start date of the vehicle, whichever occurs first. This is a one-time repair program. If a vehicle has already exceeded either the time or mileage limits, this coverage will last through June 30
401	BMW will replace the incorrect labels with the correct model year 2014 emissions labels.
402	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for all 2011-2013 Cruze vehicles with 1.4L turbocharged engines and automatic transmissions.
403	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for all 2011-2013 Cruze vehicles with 1.4L turbocharged engines and automatic transmissions.
404	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for all 2011-2013 Cruze vehicles with 1.4L turbocharged engines and automatic transmissions.
405	The corrective measure consists of extending the emissions warranty for the affected Fuel Pump Unit on all of the vehicles listed above to 10 years (without mileage limitation) , and replacing the Fuel Pump Unit with an improved version of the original fails during this extended warranty period.
406	The corrective measure consists of extending the emissions warranty for the affected Fuel Pump Unit on all of the vehicles listed above to 10 years (without mileage limitation) , and replacing the Fuel Pump Unit with an improved version of the original fails during this extended warranty period.
407	The corrective measure consists of extending the emissions warranty for the affected Fuel Pump Unit on all of the vehicles listed above to 10 years (without mileage limitation) , and replacing the Fuel Pump Unit with an improved version of the original fails during this extended warranty period.
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413	The corrective measure consists of extending the emissions warranty for the affected Fuel Pump Unit on all of the vehicles listed above to 10 years (without mileage limitation) , and replacing the Fuel Pump Unit with an improved version of the original fails during this extended warranty period.
414	FCA US LLC will conduct an emission related Voluntary Safety Recall (R07) on all affected vehicles, to replace the engine fuel injector rail, fuel injectors, and the crossover hose.
415	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for certain 2008 Silverado/Sierra/Suburban/Avalanche/Tahoe/Yukon vehicles with 4.8L and 5.3L engines.
416	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will correct the final inducement for low DEF to limit vehicle speed to 5 mph.
417	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will correct the final inducement for low DEF to limit vehicle speed to 5 mph.
418	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will correct the final inducement for low DEF to limit vehicle speed to 5 mph.
419	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will correct the final inducement for low DEF to limit vehicle speed to 5 mph.
420	Dealers will update the affected vehicles with the latest appropriate powertrain calibration.
421	All known owners of affected vehicles will be notified via first class mail that there is a limited service campaign for MIL illumination and a software update to the ECM.
422	Ford will extend the warranty coverage for this fault condition on the EGT Sensor to 8 years of service or 80,000 miles from the warranty start date of the vehicle, whichever occurs first. If a vehicle has already exceeded either the time or mileage limits, this coverage will last through November 30, 2015. Coverage is automaticall
423	Ford will extend the warranty coverage for this fault condition on the EGT Sensor to 8 years of service or 80,000 miles from the warranty start date of the vehicle, whichever occurs first. If a vehicle has already exceeded either the time or mileage limits, this coverage will last through November 30, 2015. Coverage is automaticall
424	Volkswagen Group of America, Inc. has initiated a Safety Recall to address a combination of production tolerance issues and vehicle vibration during dynamic driving conditions. It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system. Additionally, some vehicles may benefit from having the thermostat and/or the crankcase pressure valve proactively updated. Repairs to these other components are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection. Dealer Notification: January 21, 2015 Customer Notification: On or about March 17, 2015
425	Volkswagen Group of America, Inc. has initiated a Safety Recall to address a combination of production tolerance issues and vehicle vibration during dynamic driving conditions. It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system. Additionally, some vehicles may benefit from having the thermostat and/or the crankcase pressure valve proactively updated. Repairs to these other components are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection. Dealer Notification: January 21, 2015 Customer Notification: On or about March 17, 2015

	W
391	In conducting a recall, Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler w
392	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
393	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
394	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
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401	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
402	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
403	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
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405	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
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413	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
414	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
415	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
416	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
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418	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
419	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
420	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
421	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
422	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
423	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
424	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
425	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.

	X
391	None
392	Not applicable.
393	Eligibility for this program is not conditioned upon proper maintenance or use.
394	Eligibility for this program is not conditioned upon proper maintenance or use.
395	Eligibility for this program is not conditioned upon proper maintenance or use.
396	Eligibility for this program is not conditioned upon proper maintenance or use.
397	Eligibility for this program is not conditioned upon proper maintenance or use.
398	Eligibility for this program is not conditioned upon proper maintenance or use.
399	Eligibility for this program is not conditioned upon proper maintenance or use.
400	Eligibility for this program is not conditioned upon proper maintenance or use.
401	Not applicable.
402	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
403	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
404	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
405	Not applicable.
406	Not applicable.
407	Not applicable.
408	Not applicable.
409	Not applicable.
410	Not applicable.
411	Not applicable.
412	Not applicable.
413	Not applicable.
414	None,
415	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
416	Eligibility for this program is not conditioned upon proper maintenance or use.
417	Eligibility for this program is not conditioned upon proper maintenance or use.
418	Eligibility for this program is not conditioned upon proper maintenance or use.
419	Eligibility for this program is not conditioned upon proper maintenance or use.
420	Eligibility for this program is not conditioned upon proper maintenance or use.
421	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
422	Eligibility for this program is not conditioned upon proper maintenance or use.
423	Eligibility for this program is not conditioned upon proper maintenance or use.
424	There are no maintenance or eligibility requirements.
425	There are no maintenance or eligibility requirements.

	Y
391	The vehicle should be returned to the dealer, for the ABS module software to be updated to allow proper operation. Owners may obtain the repair service any time after receipt of the notification.
392	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
393	See Owner Notification Letter.
394	See Owner Notification Letter.
395	See Owner Notification Letter.
396	See Owner Notification Letter.
397	See Owner Notification Letter.
398	See Owner Notification Letter.
399	See Owner Notification Letter.
400	See Owner Notification Letter.
401	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
402	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
403	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
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405	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
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413	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
414	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
415	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
416	See Owner Notification Letter.
417	See Owner Notification Letter.
418	See Owner Notification Letter.
419	See Owner Notification Letter.
420	See Owner Notification Letter.
421	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
422	See Owner Notification Letter.
423	See Owner Notification Letter.
424	Affected authorized Audi dealers have received notification and detailed information about this Safety Recall on January 21, 2015. Affected Audi owners will be mailed a notification of recall on or about March 17, 2015. Enclosed are examples of Dealer Circulars and Customer Letters
425	Affected authorized Audi dealers have received notification and detailed information about this Safety Recall on January 21, 2015. Affected Audi owners will be mailed a notification of recall on or about March 17, 2015. Enclosed are examples of Dealer Circulars and Customer Letters

	Z
391	None
392	Not applicable.
393	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
394	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
395	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
396	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
397	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
398	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
399	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
400	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
401	Not applicable.
402	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
403	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
404	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
405	Not applicable.
406	Not applicable.
407	Not applicable.
408	Not applicable.
409	Not applicable.
410	Not applicable.
411	Not applicable.
412	Not applicable.
413	Not applicable.
414	None.
415	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
416	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
417	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
418	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
419	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
420	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
421	The repair will be performed at Toyota dealerships only, and will take approximately 45 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
422	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
423	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
424	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
425	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.

	AA
391	Chrysler will supply all of its dealers with this required parts to complete the repair.
392	Not applicable.
393	Dealers are to obtain parts for this repair through the Special Service Support Center.
394	Dealers are to obtain parts for this repair through the Special Service Support Center.
395	Dealers are to obtain parts for this repair through the Special Service Support Center.
396	Dealers are to obtain parts for this repair through the Special Service Support Center.
397	Dealers are to obtain parts for this repair through the Special Service Support Center.
398	Dealers are to obtain parts for this repair through the Special Service Support Center.
399	Dealers are to obtain parts for this repair through the Special Service Support Center.
400	Dealers are to obtain parts for this repair through the Special Service Support Center.
401	New VECI labels are provided to all authorized BMW centers via our service network.
402	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
403	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
404	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
405	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
406	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
407	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
408	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
409	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
410	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
411	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
412	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
413	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
414	Chrysler will have a minimum of 20 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
415	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
416	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
417	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
418	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
419	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
420	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
421	There is no part replacement since this is a software update.
422	Dealers are to obtain parts for this repair through the Special Service Support Center.
423	Dealers are to obtain parts for this repair through the Special Service Support Center.
424	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
425	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AB
391	
392	Recall Plan (including Customer Letter and Service Bulletin) to be submitted next.
393	This program is being coordinated with extended warranty campaign 14N03 (EPA VERR #1433).
394	This program is being coordinated with extended warranty campaign 14N03 (EPA VERR #1433).
395	This program is being coordinated with extended warranty campaign 14N03 (EPA VERR #1433).
396	This program is being coordinated with extended warranty campaign 14N03 (EPA VERR #1433).
397	This program is being coordinated with proactive repair campaign 14B08 (EPA VERR #1488).
398	This program is being coordinated with proactive repair campaign 14B08 (EPA VERR #1488).
399	This program is being coordinated with proactive repair campaign 14B08 (EPA VERR #1488).
400	This program is being coordinated with proactive repair campaign 14B08 (EPA VERR #1488).
401	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
402	
403	
404	
405	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
406	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
407	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
408	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
409	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
410	This VERR report version 2 (R01) is a supplement to the original VERR submitted. There are 32 Test Group involved in this campaign, but only 20 are allowed per PDF form.
411	This VERR report version 2 (R01) is a supplement to the original VERR submitted. There are 32 Test Group involved in this campaign, but only 20 are allowed per PDF form.
412	This VERR report version 2 (R01) is a supplement to the original VERR submitted. There are 32 Test Group involved in this campaign, but only 20 are allowed per PDF form.
413	This VERR report version 2 (R01) is a supplement to the original VERR submitted. There are 32 Test Group involved in this campaign, but only 20 are allowed per PDF form.
414	
415	
416	
417	
418	
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421	Toyota VERR-20150608 letter, which contains dealer letter, sample customer letter, customer Q&A and Technical Instructions for this Limited Service Campaign (LSC).
422	
423	
424	Forwarding Letter - CBI
425	Forwarding Letter - CBI

	AC	AD	AE
391	None		3865
392	An emissions increase is possible, and may exceed the threshold.		4003
393	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4103
394	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4103
395	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4103
396	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4103
397	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4104
398	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4104
399	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4104
400	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4104
401	This repair has no adverse impact on fuel economy.		4123
402	The proposed changes have no impact on fuel economy.		4143
403	The proposed changes have no impact on fuel economy.		4143
404	The proposed changes have no impact on fuel economy.		4143
405	This repair has a potential impact on fuel economy.		4124
406	This repair has a potential impact on fuel economy.		4124
407	This repair has a potential impact on fuel economy.		4124
408	This repair has a potential impact on fuel economy.		4124
409	This repair has a potential impact on fuel economy.		4124
410	This repair has a potential impact on fuel economy.		4125
411	This repair has a potential impact on fuel economy.		4125
412	This repair has a potential impact on fuel economy.		4125
413	This repair has a potential impact on fuel economy.		4125
414	None.		4163
415	The proposed changes have no impact on fuel economy.		4183
416	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4006
417	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4006
418	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4006
419	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4006
420	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4043
421	This repair will not affect fuel consumption.		4263
422	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4285
423	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4285
424	Not applicable		4063
425	Not applicable		4063

	AF	AG	AH	AI
391		2	Y	Y
392		1	N	N
393		3	Y	Y
394		3	Y	Y
395		3	Y	Y
396		3	Y	Y
397		3	Y	Y
398		3	Y	Y
399		3	Y	Y
400		3	Y	Y
401		1	Y	N
402		1	N	N
403		1	N	N
404		1	N	N
405		1	Y	N
406		1	Y	N
407		1	Y	N
408		1	Y	N
409		1	Y	N
410	Additional Test Groups - This campaign involves 32 Test Groups, while the PDF form only allows for up to 20.	1	Y	N
411	Additional Test Groups - This campaign involves 32 Test Groups, while the PDF form only allows for up to 20.	1	Y	N
412	Additional Test Groups - This campaign involves 32 Test Groups, while the PDF form only allows for up to 20.	1	Y	N
413	Additional Test Groups - This campaign involves 32 Test Groups, while the PDF form only allows for up to 20.	1	Y	N
414		2	Y	N
415		1	N	N
416		3	Y	Y
417		3	Y	Y
418		3	Y	Y
419		3	Y	Y
420		3	Y	Y
421		1	N	N
422		3	Y	Y
423		3	Y	Y
424		4	Y	N
425		4	Y	N

	AJ	AK	AL	AM
391	N	N	167212	None
392	N	Y	169553	This repair has no adverse impact on drivability.
393	N	N	173013	Ford engineering judgment indicates that the corrective action should not affect drivability.
394	N	N	173013	Ford engineering judgment indicates that the corrective action should not affect drivability.
395	N	N	173013	Ford engineering judgment indicates that the corrective action should not affect drivability.
396	N	N	173013	Ford engineering judgment indicates that the corrective action should not affect drivability.
397	N	N	173017	Ford engineering judgment indicates that the corrective action should not affect drivability.
398	N	N	173017	Ford engineering judgment indicates that the corrective action should not affect drivability.
399	N	N	173017	Ford engineering judgment indicates that the corrective action should not affect drivability.
400	N	N	173017	Ford engineering judgment indicates that the corrective action should not affect drivability.
401	N	Y	173165	This repair has no adverse impact on driveability.
402	N	N	173386	The proposed changes have no impact on drivability.
403	N	N	173386	The proposed changes have no impact on drivability.
404	N	N	173386	The proposed changes have no impact on drivability.
405	N	Y	173236	This repair has no adverse impact on driveability.
406	N	Y	173236	This repair has no adverse impact on driveability.
407	N	Y	173236	This repair has no adverse impact on driveability.
408	N	Y	173236	This repair has no adverse impact on driveability.
409	N	Y	173236	This repair has no adverse impact on driveability.
410	N	Y	173237	This repair has no adverse impact on driveability.
411	N	Y	173237	This repair has no adverse impact on driveability.
412	N	Y	173237	This repair has no adverse impact on driveability.
413	N	Y	173237	This repair has no adverse impact on driveability.
414	N	N	173884	None.
415	N	N	175506	The proposed changes have no impact on drivability.
416	N	N	169659	Ford engineering judgment indicates that the corrective action contains drivability enhancements for the affected customers.
417	N	N	169659	Ford engineering judgment indicates that the corrective action contains drivability enhancements for the affected customers.
418	N	N	169659	Ford engineering judgment indicates that the corrective action contains drivability enhancements for the affected customers.
419	N	N	169659	Ford engineering judgment indicates that the corrective action contains drivability enhancements for the affected customers.
420	N	N	170960	Ford engineering judgment indicates that the corrective action should not affect drivability.
421	N	Y	177187	This repair will not affect driveability.
422	N	N	177502	Ford engineering judgment indicates that the corrective action should not affect drivability.
423	N	N	177502	Ford engineering judgment indicates that the corrective action should not affect drivability.
424	N	Y	171025	Not applicable
425	N	Y	171025	Not applicable

	AN	AO	AP	AQ	AR
391	None	N	3611	0	1048
392	This repair has no adverse impact on safety.	N	3749	1	0077
393	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3849	0	1502
394	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3849	0	1502
395	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3849	0	1502
396	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3849	0	1502
397	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3850	0	1502
398	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3850	0	1502
399	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3850	0	1502
400	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3850	0	1502
401	This repair has no adverse impact on safety.	Y	3869	1	0086
402	The proposed changes have no impact safety.	N	3889	1	1250
403	The proposed changes have no impact safety.	N	3889	1	1250
404	The proposed changes have no impact safety.	N	3889	1	1250
405	This repair has a potential impact on safety.	Y	3870	1	0079
406	This repair has a potential impact on safety.	Y	3870	1	0079
407	This repair has a potential impact on safety.	Y	3870	1	0079
408	This repair has a potential impact on safety.	Y	3870	1	0079
409	This repair has a potential impact on safety.	Y	3870	1	0079
410	This repair has a potential impact on safety.	Y	3871	2	0079
411	This repair has a potential impact on safety.	Y	3871	2	0079
412	This repair has a potential impact on safety.	Y	3871	2	0079
413	This repair has a potential impact on safety.	Y	3871	2	0079
414	None.	N	3909	0	1508
415	The proposed changes have no impact safety.	N	3929	1	1261
416	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3752	0	1401
417	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3752	0	1401
418	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3752	0	1401
419	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3752	0	1401
420	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3789	0	1415
421	This repair will not affect safety.	N	4009	0	0003
422	Ford engineering judgement indicates that the corrective action should not affect safety.	N	4029	0	1311
423	Ford engineering judgement indicates that the corrective action should not affect safety.	N	4029	0	1311
424	Not applicable	N	3809	0	9999
425	Not applicable	N	3809	0	9999

	AS	AT	AU
391	Y		1
392	N		1
393	Y		1
394	Y		1
395	Y		1
396	Y		1
397	Y		1
398	Y		1
399	Y		1
400	Y		1
401	N		1
402	Y		1
403	Y		1
404	Y		1
405	N		1
406	N		1
407	N		1
408	N		1
409	N		1
410	N		1
411	N		1
412	N		1
413	N		1
414	Y	4/24/2015	1
415	Y		1
416	Y	1/31/2015	1
417	Y	1/31/2015	1
418	Y	1/31/2015	1
419	Y	1/31/2015	1
420	Y		1
421	N	6/30/2015	1
422	Y		1
423	Y		1
424	Y	3/18/2015	1
425	Y	3/18/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
426	13080	3/12/2015	2011	ADX	AD-0012	Light-Duty Vehicles and Trucks	25766	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
427	13081	3/12/2015	2015	CRX	P72	Light-Duty Vehicles and Trucks	48113	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466
428	13221	4/20/2015	2009	GMX	1242	Light-Duty Vehicles and Trucks	12564	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
429	13221	4/20/2015	2008	GMX	1242	Light-Duty Vehicles and Trucks	12564	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
430	13364	5/26/2015	2014	BMX	14E-W05	Light-Duty Vehicles and Trucks	112043	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
431	13364	5/26/2015	2013	BMX	14E-W05	Light-Duty Vehicles and Trucks	112043	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
432	13364	5/26/2015	2012	BMX	14E-W05	Light-Duty Vehicles and Trucks	112043	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
433	13381	5/28/2015	2013	SKX	VG01	Light-Duty Vehicles and Trucks	19250	Y					Mr Robert Alsip	balsip@suz.com	714-996-7040 xt2315
434	13381	5/28/2015	2012	SKX	VG01	Light-Duty Vehicles and Trucks	19250	Y					Mr Robert Alsip	balsip@suz.com	714-996-7040 xt2315
435	13381	5/28/2015	2011	SKX	VG01	Light-Duty Vehicles and Trucks	19250	Y					Mr Robert Alsip	balsip@suz.com	714-996-7040 xt2315
436	13381	5/28/2015	2010	SKX	VG01	Light-Duty Vehicles and Trucks	19250	Y					Mr Robert Alsip	balsip@suz.com	714-996-7040 xt2315
437	13400	6/1/2015	2015	CRX	2015-15	Light-Duty Vehicles and Trucks	5638	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
438	13400	6/1/2015	2014	CRX	2015-15	Light-Duty Vehicles and Trucks	5638	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
439	13400	6/1/2015	2013	CRX	2015-15	Light-Duty Vehicles and Trucks	5638	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
440	12966	2/20/2015	2014	GMX	1257	Light-Duty Vehicles and Trucks	328	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
441	12966	2/20/2015	2015	GMX	1257	Light-Duty Vehicles and Trucks	328	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
442	12967	2/20/2015	2015	CRX	R01	Light-Duty Vehicles and Trucks	195871	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
443	12967	2/20/2015	2014	CRX	R01	Light-Duty Vehicles and Trucks	195871	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
444	13024	3/3/2015	2010	GMX	1255	Light-Duty Vehicles and Trucks	142232	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
445	13082	3/12/2015	2012	VWX	VW-0010	Light-Duty Vehicles and Trucks	201	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943

	P	Q	R	S	T
426	n/a	Fuel Delivery System	3/17/2015	2015	12
427	dwr1@chrysler.com	On-Board Diagnostic (OBD) System	3/20/2015	2015	1472
428		Catalyst/Aftertreatment Component/System (non-diesel engine)	4/27/2015	2015	1242
429		Catalyst/Aftertreatment Component/System (non-diesel engine)	4/27/2015	2015	1242
430	Carlheinz.Bayer@bmwna.com	Computer Related (Other than OBD)	7/1/2015	2015	1451
431	Carlheinz.Bayer@bmwna.com	Computer Related (Other than OBD)	7/1/2015	2015	1451
432	Carlheinz.Bayer@bmwna.com	Computer Related (Other than OBD)	7/1/2015	2015	1451
433	balsip@suz.com	Evaporative Emissions Systems	6/1/2015	2015	1
434	balsip@suz.com	Evaporative Emissions Systems	6/1/2015	2015	1
435	balsip@suz.com	Evaporative Emissions Systems	6/1/2015	2015	1
436	balsip@suz.com	Evaporative Emissions Systems	6/1/2015	2015	1
437	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	5/21/2015	2015	1515
438	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	5/21/2015	2015	1515
439	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	5/21/2015	2015	1515
440		Fuel Delivery Component	2/19/2015	2015	1257
441		Fuel Delivery Component	2/19/2015	2015	1257
442	krf2@chrysler.com	Computer Related (Other than OBD)	2/19/2015	2015	1501
443	krf2@chrysler.com	Computer Related (Other than OBD)	2/19/2015	2015	1501
444		Computer Related (Other than OBD)	3/3/2015	2015	1255
445	n/a	Fuel Delivery System	3/17/2015	2015	10

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	It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system due to production tolerance issues and vehicle vibration during dynamic driving conditions. Additionally, some vehicles may benefit from having the thermostat and/or the crankcase pressure valve proactively updated. Repairs to these other components are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection. Part numbers involved (Audi vehicles): 06E 198 201 - Fuel rail kit 06E 998 907 E - Repair kit Improved Thermostat: 06E 121 111 AL
426	Improved Crankcase Pressure regulating valve: 06E 103 547 H
427	On some 2015MY Jeep Wrangler vehicles, the Downstream Oxygen Sensor Response and Downstream Oxygen Sensor Stuck Rich diagnostics do not run to completion, and cannot detect a failed component. This prevents the Oxygen Sensor Readiness from clearing and indicating that the monitor is "ready". In addition, some perm
428	The design of the catalytic converter and fuel control system for these 2008 and 2009 Corvette vehicles did not comprehend certain aspects of in use operation, which resulted in higher than expected emission performance.
429	The design of the catalytic converter and fuel control system for these 2008 and 2009 Corvette vehicles did not comprehend certain aspects of in use operation, which resulted in higher than expected emission performance.
430	The affected part number 11537633476 related to the Thermostat (including a map controlled heating element). Analyses have shown that in 90% of all cases, the thermostat was replaced due to a disconnected pin of the heating element caused by corrosion due to moisture ingress in the thermostat housing. The corrosion lea
431	The affected part number 11537633476 related to the Thermostat (including a map controlled heating element). Analyses have shown that in 90% of all cases, the thermostat was replaced due to a disconnected pin of the heating element caused by corrosion due to moisture ingress in the thermostat housing. The corrosion lea
432	The affected part number 11537633476 related to the Thermostat (including a map controlled heating element). Analyses have shown that in 90% of all cases, the thermostat was replaced due to a disconnected pin of the heating element caused by corrosion due to moisture ingress in the thermostat housing. The corrosion lea
433	The vehicle¿s evaporative emissions canister¿s air vent line becomes restricted. If this occurs, air flow through the evaporative emissions system may be impacted in that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. If the fuel tank become
434	The vehicle¿s evaporative emissions canister¿s air vent line becomes restricted. If this occurs, air flow through the evaporative emissions system may be impacted in that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. If the fuel tank become
435	The vehicle¿s evaporative emissions canister¿s air vent line becomes restricted. If this occurs, air flow through the evaporative emissions system may be impacted in that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. If the fuel tank become
436	The vehicle¿s evaporative emissions canister¿s air vent line becomes restricted. If this occurs, air flow through the evaporative emissions system may be impacted in that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. If the fuel tank become
437	The Electric Vehicle Control Unit (EVCU) on some 2013 MY - 2015 MY Fiat 500e vehicles may contain software that is incompatible with the Battery Pack Control Module (BPCM) software. The incompatible software between the two modules may cause a high voltage electrical system shutdown and thereby a loss of motor power.
438	The Electric Vehicle Control Unit (EVCU) on some 2013 MY - 2015 MY Fiat 500e vehicles may contain software that is incompatible with the Battery Pack Control Module (BPCM) software. The incompatible software between the two modules may cause a high voltage electrical system shutdown and thereby a loss of motor power.
439	The Electric Vehicle Control Unit (EVCU) on some 2013 MY - 2015 MY Fiat 500e vehicles may contain software that is incompatible with the Battery Pack Control Module (BPCM) software. The incompatible software between the two modules may cause a high voltage electrical system shutdown and thereby a loss of motor power.
440	Engine-mounted high-pressure fuel pump leak-checks were not performed correctly at the supplier, and pump components were not manufactured correctly.
441	Engine-mounted high-pressure fuel pump leak-checks were not performed correctly at the supplier, and pump components were not manufactured correctly.
442	On some 2014-2015 MY KL/UF equipped with 2.4L/3.2L engines and 948TE transmission, the transmission C-clutch snap ring may become unseated. Root cause was determined to be as follows: A Transmission Control Module (TCM) software change was implemented May, 2014 for 2014 KL 2.4L/3.2L, and the equivalent software calibration was installed on the 2015 KL 2.4L/3.2L and UF 2.4L. This change inadvertently allows the above condition to occur on some vehicles during unique 3-2 shifts and tip-in maneuvers.
443	On some 2014-2015 MY KL/UF equipped with 2.4L/3.2L engines and 948TE transmission, the transmission C-clutch snap ring may become unseated. Root cause was determined to be as follows: A Transmission Control Module (TCM) software change was implemented May, 2014 for 2014 KL 2.4L/3.2L, and the equivalent software calibration was installed on the 2015 KL 2.4L/3.2L and UF 2.4L. This change inadvertently allows the above condition to occur on some vehicles during unique 3-2 shifts and tip-in maneuvers.
444	The design of the fuel control system for these 2010 Equinox / Terrain vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected emission performance under conditions represented on the FTP and US06 tests.
445	It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system due to production tolerance issues and vehicle vibration during dynamic driving conditions. Additionally, some vehicles may benefit from having the thermostat proactively updated. Repairs to this other component are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of this issue, the vehicle may not pass an I/M (emissions) inspection. Part numbers involved: 06E 198 201 - Fuel rail kit 06E 998 907 E - Repair kit Improved Thermostat: 06E 121 111 AL

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426	Volkswagen Group of America, Inc. has initiated a Safety Recall to address a combination of production tolerance issues and vehicle vibration during dynamic driving conditions. It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system. Additionally, some vehicles may benefit from having the thermostat and/or the crankcase pressure valve proactively updated. Repairs to these other components are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection. Dealer Notification: January 21, 2015 Customer Notification: On or about March 17, 2015
427	FCA US will perform a voluntary emissions recall (P72) to reprogram the powertrain control module (PCM) with updated software.
428	General Motors will conduct a Voluntary Emission Recall to replace the catalytic converters with a more robust system and install a revised calibration file in the Engine Control Module.
429	General Motors will conduct a Voluntary Emission Recall to replace the catalytic converters with a more robust system and install a revised calibration file in the Engine Control Module.
430	The corrective measure consists of extending the emissions warranty for the affected Thermostat on all of the vehicles listed to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the Thermostat with an improved version if the original fails during the extended warranty period.
431	The corrective measure consists of extending the emissions warranty for the affected Thermostat on all of the vehicles listed to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the Thermostat with an improved version if the original fails during the extended warranty period.
432	The corrective measure consists of extending the emissions warranty for the affected Thermostat on all of the vehicles listed to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the Thermostat with an improved version if the original fails during the extended warranty period.
433	Suzuki will replace the canister air vent line on all affected vehicles with a redesigned part that contains a plastic filter to prevent a spider from entering the air vent line and weaving a web. As part of the repair, the customer¿s original vent line will be inspected to see if a spider web is present within the vent line. If evidence of a spider web is found, the vehicle¿s fuel tank will be replaced in addition to the new canister air vent line as a precautionary measure.
434	Suzuki will replace the canister air vent line on all affected vehicles with a redesigned part that contains a plastic filter to prevent a spider from entering the air vent line and weaving a web. As part of the repair, the customer¿s original vent line will be inspected to see if a spider web is present within the vent line. If evidence of a spider web is found, the vehicle¿s fuel tank will be replaced in addition to the new canister air vent line as a precautionary measure.
435	Suzuki will replace the canister air vent line on all affected vehicles with a redesigned part that contains a plastic filter to prevent a spider from entering the air vent line and weaving a web. As part of the repair, the customer¿s original vent line will be inspected to see if a spider web is present within the vent line. If evidence of a spider web is found, the vehicle¿s fuel tank will be replaced in addition to the new canister air vent line as a precautionary measure.
436	Suzuki will replace the canister air vent line on all affected vehicles with a redesigned part that contains a plastic filter to prevent a spider from entering the air vent line and weaving a web. As part of the repair, the customer¿s original vent line will be inspected to see if a spider web is present within the vent line. If evidence of a spider web is found, the vehicle¿s fuel tank will be replaced in addition to the new canister air vent line as a precautionary measure.
437	FCA US LLC will conduct an emission related Voluntary Safety Recall (R15) on all affected vehicles, to update the EVCU software.
438	FCA US LLC will conduct an emission related Voluntary Safety Recall (R15) on all affected vehicles, to update the EVCU software.
439	FCA US LLC will conduct an emission related Voluntary Safety Recall (R15) on all affected vehicles, to update the EVCU software.
440	General Motors will conduct a voluntary emissions recall to install new high pressure fuel pump assemblies and related parts.
441	General Motors will conduct a voluntary emissions recall to install new high pressure fuel pump assemblies and related parts.
442	FCA US LLC will conduct an emission related Customer Satisfaction Notification (R01) on all affected vehicles, to flash the updated Transmission Control Module (TCM) and Powertrain Control Module (PCM) software/calibration to correct this issue.
443	FCA US LLC will conduct an emission related Customer Satisfaction Notification (R01) on all affected vehicles, to flash the updated Transmission Control Module (TCM) and Powertrain Control Module (PCM) software/calibration to correct this issue.
444	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for all 2010 Equinox / Terrain vehicles with 2.4L engines.
445	Volkswagen Group of America, Inc. has initiated a Safety Recall to address a combination of production tolerance issues and vehicle vibration during dynamic driving conditions. It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system. Additionally, some vehicles may benefit from having the thermostat proactively updated. Repairs to this other component are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of this issue, the vehicle may not pass an I/M (emissions) inspection. Dealer Notification: January 21, 2015 Customer Notification: On or about March 17, 2015

	W
426	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
427	FCA US provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to FCA US, wh
428	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
429	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
430	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
431	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
432	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
433	Vehicle owners will be identified using DMV registration records supplied by R.L. Polk, or Suzuki sales records. Owners of affected vehicles will be sent a notification by first class mail, informing them how to obtain the recall service
434	Vehicle owners will be identified using DMV registration records supplied by R.L. Polk, or Suzuki sales records. Owners of affected vehicles will be sent a notification by first class mail, informing them how to obtain the recall service
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436	Vehicle owners will be identified using DMV registration records supplied by R.L. Polk, or Suzuki sales records. Owners of affected vehicles will be sent a notification by first class mail, informing them how to obtain the recall service
437	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
438	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
439	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
440	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
441	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
442	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
443	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
444	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
445	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.

	X
426	There are no maintenance or eligibility requirements.
427	None.
428	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
429	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
430	Not applicable.
431	Not applicable.
432	Not applicable.
433	Suzuki has not established any conditions that could potentially exclude a vehicle from receiving warranty repair. Suzuki Service Providers are to perform the recall service on all affected vehicles regardless of age, mileage, or usage.
434	Suzuki has not established any conditions that could potentially exclude a vehicle from receiving warranty repair. Suzuki Service Providers are to perform the recall service on all affected vehicles regardless of age, mileage, or usage.
435	Suzuki has not established any conditions that could potentially exclude a vehicle from receiving warranty repair. Suzuki Service Providers are to perform the recall service on all affected vehicles regardless of age, mileage, or usage.
436	Suzuki has not established any conditions that could potentially exclude a vehicle from receiving warranty repair. Suzuki Service Providers are to perform the recall service on all affected vehicles regardless of age, mileage, or usage.
437	None,
438	None,
439	None,
440	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
441	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
442	None.
443	None.
444	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
445	There are no maintenance or eligibility requirements.

	Y
426	Affected authorized Audi dealers have received notification and detailed information about this Safety Recall on January 21, 2015. Affected Audi owners will be mailed a notification of recall on or about March 17, 2015. Enclosed are examples of Dealer Circulars and Customer Letters
427	The vehicle should be returned to the dealer, who will perform the repairs. Owners may obtain the repair service any time after receipt of the notification.
428	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
429	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
430	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
431	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
432	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
433	The procedure to be followed by owners to obtain the recall service is described in the owner notification letter. Owners are being instructed to contact a Suzuki Service Provider to make an appointment for the recall service
434	The procedure to be followed by owners to obtain the recall service is described in the owner notification letter. Owners are being instructed to contact a Suzuki Service Provider to make an appointment for the recall service
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437	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
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443	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
444	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
445	Affected authorized Volkswagen dealers have received notification and detailed information about this Safety Recall on January 21, 2015. Affected Volkswagen owners will be mailed a notification of recall on or about March 17, 2015. Enclosed are examples of Dealer Circulars and Customer Letters

	Z
426	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
427	None.
428	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
429	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
430	Not applicable.
431	Not applicable.
432	Not applicable.
433	Suzuki no longer has automotive dealers in the United States. Suzuki Service Providers are the only authorized agents empowered to perform this recall.
434	Suzuki no longer has automotive dealers in the United States. Suzuki Service Providers are the only authorized agents empowered to perform this recall.
435	Suzuki no longer has automotive dealers in the United States. Suzuki Service Providers are the only authorized agents empowered to perform this recall.
436	Suzuki no longer has automotive dealers in the United States. Suzuki Service Providers are the only authorized agents empowered to perform this recall.
437	None.
438	None.
439	None.
440	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
441	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
442	None.
443	None.
444	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
445	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.

	AA
426	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
427	FCA US will supply all dealers with the updated calibration and software required to reprogram the PCM.
428	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
429	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
430	Not applicable.
431	Not applicable.
432	Not applicable.
433	Sufficient parts are currently available to fulfill this recall.
434	Sufficient parts are currently available to fulfill this recall.
435	Sufficient parts are currently available to fulfill this recall.
436	Sufficient parts are currently available to fulfill this recall.
437	FCA US will supply all dealers with the updated calibration and software required to reprogram the EVCU software.
438	FCA US will supply all dealers with the updated calibration and software required to reprogram the EVCU software.
439	FCA US will supply all dealers with the updated calibration and software required to reprogram the EVCU software.
440	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
441	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
442	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM and PCM.
443	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM and PCM.
444	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
445	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AB
426	Forwarding Letter - CBI
427	
428	
429	
430	Recall Plan (including Customer Letter and Service Bulletin) to be submitted next.
431	Recall Plan (including Customer Letter and Service Bulletin) to be submitted next.
432	Recall Plan (including Customer Letter and Service Bulletin) to be submitted next.
433	1. "Other" document is dealer notification bulletin. 2. This action is being taken as a follow-up to a safety recall that was implemented in August, 2014 for this issue. Suzuki was contacted by CARB and requested to perform an emissions recall in California for this issue. To maintain consistency, Suzuki has decided to conduct a voluntary emissions recall nationwide.
434	1. "Other" document is dealer notification bulletin. 2. This action is being taken as a follow-up to a safety recall that was implemented in August, 2014 for this issue. Suzuki was contacted by CARB and requested to perform an emissions recall in California for this issue. To maintain consistency, Suzuki has decided to conduct a voluntary emissions recall nationwide.
435	1. "Other" document is dealer notification bulletin. 2. This action is being taken as a follow-up to a safety recall that was implemented in August, 2014 for this issue. Suzuki was contacted by CARB and requested to perform an emissions recall in California for this issue. To maintain consistency, Suzuki has decided to conduct a voluntary emissions recall nationwide.
436	1. "Other" document is dealer notification bulletin. 2. This action is being taken as a follow-up to a safety recall that was implemented in August, 2014 for this issue. Suzuki was contacted by CARB and requested to perform an emissions recall in California for this issue. To maintain consistency, Suzuki has decided to conduct a voluntary emissions recall nationwide.
437	
438	
439	
440	
441	
442	
443	
444	
445	Forwarding Letter - CBI

	AC	AD	AE
426	Not applicable		4063
427	None.		4064
428	The proposed changes have no impact on fuel economy.		4145
429	The proposed changes have no impact on fuel economy.		4145
430	An emissions increase is possible, and may exceed the threshold.		4203
431	An emissions increase is possible, and may exceed the threshold.		4203
432	An emissions increase is possible, and may exceed the threshold.		4203
433	None.		4223
434	None.		4223
435	None.		4223
436	None.		4223
437	None.		4243
438	None.		4243
439	None.		4243
440	The proposed changes have no impact on fuel economy.		4007
441	The proposed changes have no impact on fuel economy.		4007
442	None.		4008
443	None.		4008
444	The proposed changes have no impact on fuel economy.		4023
445	Not applicable		4065

	AF	AG	AH	AI
426		4	Y	N
427		2	Y	N
428		1	N	N
429		1	N	N
430	Expansion of Warranty Expansion campaign to include 2013 & 2014 models, in addition to 2012.	1	N	N
431	Expansion of Warranty Expansion campaign to include 2013 & 2014 models, in addition to 2012.	1	N	N
432	Expansion of Warranty Expansion campaign to include 2013 & 2014 models, in addition to 2012.	1	N	N
433		2	N	N
434		2	N	N
435		2	N	N
436		2	N	N
437		2	Y	N
438		2	Y	N
439		2	Y	N
440		1	N	N
441		1	N	N
442		2	Y	N
443		2	Y	N
444		1	N	N
445		4	Y	N

	AJ	AK	AL	AM
426	N	Y	171025	Not applicable
427	N	N	171051	None.
428	N	N	173592	The proposed changes have no impact on drivability.
429	N	N	173592	The proposed changes have no impact on drivability.
430	N	Y	176180	This repair has no adverse impact on drivability.
431	N	Y	176180	This repair has no adverse impact on drivability.
432	N	Y	176180	This repair has no adverse impact on drivability.
433	Y	Y	176447	None.
434	Y	Y	176447	None.
435	Y	Y	176447	None.
436	Y	Y	176447	None.
437	N	N	176578	None.
438	N	N	176578	None.
439	N	N	176578	None.
440	N	N	169688	The proposed changes have no impact on drivability.
441	N	N	169688	The proposed changes have no impact on drivability.
442	N	N	169690	None.
443	N	N	169690	None.
444	N	N	170413	The proposed changes have no impact on drivability.
445	N	Y	171087	Not applicable

	AN	AO	AP	AQ	AR
426	Not applicable	N	3809	0	9999
427	None.	N	3810	0	1416
428	The proposed changes have no impact safety.	N	3891	1	1242
429	The proposed changes have no impact safety.	N	3891	1	1242
430	This repair has no adverse impact on safety.	N	3949	2	0087
431	This repair has no adverse impact on safety.	N	3949	2	0087
432	This repair has no adverse impact on safety.	N	3949	2	0087
433	None.	N	3969	1	0001
434	None.	N	3969	1	0001
435	None.	N	3969	1	0001
436	None.	N	3969	1	0001
437	None.	N	3989	0	1506
438	None.	N	3989	0	1506
439	None.	N	3989	0	1506
440	The proposed changes have no impact safety.	N	3753	1	1257
441	The proposed changes have no impact safety.	N	3753	1	1257
442	None.	N	3754	0	1504
443	None.	N	3754	0	1504
444	The proposed changes have no impact safety.	N	3769	1	1255
445	Not applicable	N	3811	0	9999

	AS	AT	AU
426	Y	3/18/2015	1
427	Y	3/21/2015	1
428	Y		1
429	Y		1
430	N		1
431	N		1
432	N		1
433	Y		1
434	Y		1
435	Y		1
436	Y		1
437	Y	5/22/2015	1
438	Y	5/22/2015	1
439	Y	5/22/2015	1
440	Y		1
441	Y		1
442	Y	2/20/2015	1
443	Y	2/20/2015	1
444	Y		1
445	Y	3/18/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
446	13083	3/12/2015	2010	VWX	VW-0012	Light-Duty Vehicles and Trucks	299790	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
447	13083	3/12/2015	2011	VWX	VW-0012	Light-Duty Vehicles and Trucks	299790	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
448	13083	3/12/2015	2012	VWX	VW-0012	Light-Duty Vehicles and Trucks	299790	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
449	13083	3/12/2015	2013	VWX	VW-0012	Light-Duty Vehicles and Trucks	299790	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
450	13083	3/12/2015	2014	VWX	VW-0012	Light-Duty Vehicles and Trucks	299790	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
451	13145	3/26/2015	2013	FMX	14E08	Light-Duty Vehicles and Trucks	67802	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
452	13619	8/4/2015	2013	FMX	15E02	Light-Duty Vehicles and Trucks	1902	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
453	13800	8/27/2015	2016	NSX	FOI_NSX_VER_0019_BD_	Light-Duty Vehicles and Trucks	5458	N					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
454	13802	8/27/2015	2011	TKX	1006	Light-Duty Vehicles and Trucks	71658	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
455	13802	8/27/2015	2010	TKX	1006	Light-Duty Vehicles and Trucks	71658	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
456	13936	10/27/2015	2015	CRX	R24	Light-Duty Vehicles and Trucks	78799	N					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
457	13476	6/20/2015	2014	CEX	ADR 2015-01	Heavy-Duty Highway Gas and Diesel Engines	327	Y					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418
458	13476	6/20/2015	2013	CEX	ADR 2015-01	Heavy-Duty Highway Gas and Diesel Engines	327	Y					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418

	P	Q	R	S	T
446	n/a	Monitoring/Measuring Sensor/System	4/7/2015	2015	12
447	n/a	Monitoring/Measuring Sensor/System	4/7/2015	2015	12
448	n/a	Monitoring/Measuring Sensor/System	4/7/2015	2015	12
449	n/a	Monitoring/Measuring Sensor/System	4/7/2015	2015	12
450	n/a	Monitoring/Measuring Sensor/System	4/7/2015	2015	12
451		On-Board Diagnostic (OBD) System	3/13/2015	2015	1408
452		On-Board Diagnostic (OBD) System	7/15/2015	2015	1502
453		Fuel Tank Component	8/31/2015	2015	19
454		Computer Related (Other than OBD)	8/25/2015	2015	1006
455		Computer Related (Other than OBD)	8/25/2015	2015	1006
456	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	10/21/2015	2015	1524
457	matthew.psota@cummins.com	Turbocharger/Supercharger	6/15/2015	2015	7
458	matthew.psota@cummins.com	Turbocharger/Supercharger	6/15/2015	2015	7

	U
446	These changes will assist in reducing MIL illumination for DTC P0401 & P2463, thus reducing the frequency of unnecessary replacement of after treatment system components. In addition, the vehicle¿s engine management software strategy has been modified to optimize the PM filter loading and regeneration model under extreme driving conditions. Improved Part numbers / SW levels: 03L 906 019 JS / 8183 03L 906 019 JT / 8184 03L 906 019 KA / 8185 03L 906 019 KB / 8186 03L 906 019 KD / 8182 03L 906 019 KC / 8181 03L 906 019 CT, CM, CL, DB, DA / 9971 03L 906 022 KB, PB, SQ / 9971 03L 906 019 EJ / 8186 03L 906 019 EE / 8177 03L 906 019 HG / 8178 03L 906 019 EH / 8179 03L 906 019 HH / 8180 03L 906 019 HD / 8175 03L 906 019 HB / 8169 03L 906 019 HC / 8170 03L 906 019 AN / 8171 03L 906 019 AP / 8172 03L 906 019 HN / 8173 03L 906 019 HE / 8174
447	These changes will assist in reducing MIL illumination for DTC P0401 & P2463, thus reducing the frequency of unnecessary replacement of after treatment system components. In addition, the vehicle¿s engine management software strategy has been modified to optimize the PM filter loading and regeneration model under extreme driving conditions. Improved Part numbers / SW levels: 03L 906 019 JS / 8183 03L 906 019 JT / 8184 03L 906 019 KA / 8185 03L 906 019 KB / 8186 03L 906 019 KD / 8182 03L 906 019 KC / 8181 03L 906 019 CT, CM, CL, DB, DA / 9971 03L 906 022 KB, PB, SQ / 9971 03L 906 019 EJ / 8186 03L 906 019 EE / 8177 03L 906 019 HG / 8178 03L 906 019 EH / 8179 03L 906 019 HH / 8180 03L 906 019 HD / 8175 03L 906 019 HB / 8169 03L 906 019 HC / 8170 03L 906 019 AN / 8171 03L 906 019 AP / 8172 03L 906 019 HN / 8173 03L 906 019 HE / 8174
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451	Some 2013 model year 1.6L Fiesta vehicles did not pass the required CARB in-use monitor performance ratio (IUMPR) for the evaporative monitor when tested in-use. The measured IUMPR was 0.126, which is below the minimum acceptable CARB EVAP ratio of 0.260.
452	Some 2013 model year 1.6L Fusion vehicles equipped with the Auto Start/Stop feature have the circuit diagnostics for the vapor blocking valve (VBV) circuit incorrectly disabled. Subsequently, it was discovered that a small number of vehicles may have been built at the assembly plant without the VBV installed.
453	NHTSA preformed an NCAP test on a MY16 Maxima and after the crash test was conducted, NHTSA observed a fuel leak after the vehicle was rotated 90 degrees. NHTSA informed Nissan and Nissan immediately began an investigation into the issue. Nissan has determined that certain MY16 Maxima vehicles might contain fuel sending units that may not have been affixed to the fuel tank correctly due to a manufacturing process variation at the fuel tank supplier. More specifically, the fuel tank dimension at the opening for the fuel sending unit is out of specification on some of the affected vehicles. As a result, the O-ring between the sending unit and the fuel tank may not have been seated correctly at the time of assembly, potentially causing the fuel sending unit to not seal against the fuel tank opening as designed. Fuel and/or vapor leak has only been seen after a significant delta V incident in which the fuel sending unit is displaced - such an impact would damage the vehicle to the point of being inoperable. Nissan is continuing to investigate and will update this section as needed.
454	In order to optimize the exhaust conversion efficiency, the sub feedback fuel control learns the A/F value and adjusts the A/F based on the sub feedback learning value. However, on certain 2010-2011MY Mazda3 equipped with 2.0L displacement engine, during acceleration and deceleration in high speed and high load conditions
455	In order to optimize the exhaust conversion efficiency, the sub feedback fuel control learns the A/F value and adjusts the A/F based on the sub feedback learning value. However, on certain 2010-2011MY Mazda3 equipped with 2.0L displacement engine, during acceleration and deceleration in high speed and high load conditions
456	Some 2015 MY Chrysler 200 vehicles may have been produced with spread terminals within the C4 Connector relating to the Power Distribution Center, which may result in a stall (Pin 18) or neutral event (Pin 15), illuminating the Malfunction Indicator Light.
457	Some transit bus applications equipped with Cummins MY2013-MY2014 medium-duty on-highway ISL & ISB engines may experience a Variable-Geometry Turbocharger (VGT) actuator failure. The VGT actuator failure results in fault code 2636. The failure is due to VGT actuator current oscillating in transit bus applications wh
458	Some transit bus applications equipped with Cummins MY2013-MY2014 medium-duty on-highway ISL & ISB engines may experience a Variable-Geometry Turbocharger (VGT) actuator failure. The VGT actuator failure results in fault code 2636. The failure is due to VGT actuator current oscillating in transit bus applications wh

	V
446	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with Customer notification to upgrade ECM Software levels on the affected vehicles. These changes will assist in reducing MIL illumination for DTC P0401 & P2463, thus reducing the frequency of unnecessary replacement of after treatment system components. In addition, the vehicle¿s engine management software strategy has been modified to optimize the PM filter loading and regeneration model under extreme driving conditions. Dealer Notification: On or about April 7th, 2015 Customer Notification: On or about April 7th, 2015
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451	Dealers will update the affected vehicles with the latest appropriate powertrain calibration.
452	Dealers will reprogram the powertrain control module (PCM) to the latest calibration. If malfunction indicator lamp (MIL) becomes illuminated after the PCM reprogram and VBV related diagnostic trouble codes are present, dealers will diagnose and repair the vehicle following normal Workshop Manual procedures as required.
453	Nissan will begin remedying the subject vehicles by replacing the fuel tank. Nissan is also in the process of developing an alternative remedy that will not require fuel tank replacement.
454	Upon repair, the Power Control Module will be reprogrammed with modified software.
455	Upon repair, the Power Control Module will be reprogrammed with modified software.
456	FCA US will conduct an emission related voluntary Safety Recall (R24) on all affected vehicles, to either replace the C4 connector using a 12 wire splice kit for vehicles equipped with a 3.6L engines or replace the transmission wiring harness on vehicles equipped with a 2.4L engine.
457	Cummins has corrected the issue by releasing new actuator software calibration to reduce t the VGT valve oscillation.
458	Cummins has corrected the issue by releasing new actuator software calibration to reduce t the VGT valve oscillation.

	W
446	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
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451	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
452	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
453	RL Polk
454	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
455	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
456	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
457	Customer names and addresses will be based on Cummins New Engine Registration database and OEM records for affected vehicles. {DTNA, PACCAR, and Grove}
458	Customer names and addresses will be based on Cummins New Engine Registration database and OEM records for affected vehicles. {DTNA, PACCAR, and Grove}

	X
446	There are no maintenance or eligibility requirements.
447	There are no maintenance or eligibility requirements.
448	There are no maintenance or eligibility requirements.
449	There are no maintenance or eligibility requirements.
450	There are no maintenance or eligibility requirements.
451	Eligibility for this program is not conditioned upon proper maintenance or use.
452	Eligibility for this program is not conditioned upon proper maintenance or use.
453	None required
454	There will be no restrictions on eligibility.
455	There will be no restrictions on eligibility.
456	None.
457	No preconditions apply
458	No preconditions apply

	Y
446	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this service action on or about April 7th, 2015. Affected Volkswagen & Audi owners will be mailed a notification regarding this service action on or about April 7th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
447	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this service action on or about April 7th, 2015. Affected Volkswagen & Audi owners will be mailed a notification regarding this service action on or about April 7th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
448	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this service action on or about April 7th, 2015. Affected Volkswagen & Audi owners will be mailed a notification regarding this service action on or about April 7th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
449	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this service action on or about April 7th, 2015. Affected Volkswagen & Audi owners will be mailed a notification regarding this service action on or about April 7th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
450	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this service action on or about April 7th, 2015. Affected Volkswagen & Audi owners will be mailed a notification regarding this service action on or about April 7th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
451	See Owner Notification Letter.
452	See Owner Notification Letter.
453	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the safety recall owner notification letter.
454	As all Mazda dealers were provided with instructions and necessary software for repair prior to sending the owner notification letter scheduled on August 25, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
455	As all Mazda dealers were provided with instructions and necessary software for repair prior to sending the owner notification letter scheduled on August 25, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
456	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
457	Customers will be notified to take their vehicles to an authorized dealer to get new actuator software calibration following Cummins Campaign #C1634.
458	Customers will be notified to take their vehicles to an authorized dealer to get new actuator software calibration following Cummins Campaign #C1634.

	Z
446	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
447	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
448	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
449	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
450	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
451	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
452	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
453	Only Nissan dealers will be authorized to perform this service.
454	Repair work will be performed only by authorized Mazda dealers.
455	Repair work will be performed only by authorized Mazda dealers.
456	None.
457	Repairs will only be performed by Cummins dealers and Cummins Distributor.
458	Repairs will only be performed by Cummins dealers and Cummins Distributor.

	AA
446	This action contains a software update only, therefore there are no parts allocation.
447	This action contains a software update only, therefore there are no parts allocation.
448	This action contains a software update only, therefore there are no parts allocation.
449	This action contains a software update only, therefore there are no parts allocation.
450	This action contains a software update only, therefore there are no parts allocation.
451	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers..
452	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers. Dealers are to obtain parts for this repair through the Special Service Support Center.
453	The supplier of the replacement fuel tanks has ramped up production to help meet demand based on the corrective action. Nissan will continue to closely monitor part supply usage.
454	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
455	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
456	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
457	Actuator software calibration and service tool will be available at Cummins dealers and Cummins Distributor
458	Actuator software calibration and service tool will be available at Cummins dealers and Cummins Distributor

	AB
446	Forwarding Letter - CBI
447	Forwarding Letter - CBI
448	Forwarding Letter - CBI
449	Forwarding Letter - CBI
450	Forwarding Letter - CBI
451	
452	
453	1. Updated DIR to NHTSA since this is being launched as a voluntary safety recall campaign. 2. Owner Notification Letter Number covered by recall: 5458 Number in dealer inventory: 2803 (of the 5458 above)
454	
455	
456	
457	Cummins Campaign C1634 and Customer lists.
458	Cummins Campaign C1634 and Customer lists.

	AC	AD	AE
446	This issue poses no impact on fuel economy.		4066
447	This issue poses no impact on fuel economy.		4066
448	This issue poses no impact on fuel economy.		4066
449	This issue poses no impact on fuel economy.		4066
450	This issue poses no impact on fuel economy.		4066
451	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4083
452	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4345
453	Fuel economy will not be impacted.		4425
454	There is no impact on fuel economy.		4426
455	There is no impact on fuel economy.		4426
456	None.		4565
457	None		4325
458	None		4325

	AF	AG	AH	AI
446		5	Y	N
447		5	Y	N
448		5	Y	N
449		5	Y	N
450		5	Y	N
451		3	Y	Y
452		3	Y	Y
453		2	N	N
454		4	Y	Y
455		4	Y	Y
456		2	Y	N
457		3	Y	N
458		3	Y	N

	AJ	AK	AL	AM
446	N	Y	171101	This issue poses no known drivability impact.
447	N	Y	171101	This issue poses no known drivability impact.
448	N	Y	171101	This issue poses no known drivability impact.
449	N	Y	171101	This issue poses no known drivability impact.
450	N	Y	171101	This issue poses no known drivability impact.
451	N	N	171947	Ford engineering judgment indicates that the corrective action should not affect drivability.
452	N	N	181941	Ford engineering judgment indicates that the corrective action should not affect drivability.
453	N	Y	184492	Drivability will not be impacted.
454	Y	N	184505	There is no impact on driveability.
455	Y	N	184505	There is no impact on driveability.
456	N	N	190574	None.
457	N	Y	177993	None
458	N	Y	177993	None

	AN	AO	AP	AQ	AR
446	Not applicable	N	3812	0	0041
447	Not applicable	N	3812	0	0041
448	Not applicable	N	3812	0	0041
449	Not applicable	N	3812	0	0041
450	Not applicable	N	3812	0	0041
451	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3829	0	1416
452	Ford engineering judgement indicates that the corrective action should not affect safety.	N	4090	0	1407
453	This is being conducted as a voluntary safety recall campaign to improve customer safety in the rare event of a crash.	N	4170	1	0053
454	There is no impact on safety.	N	4171	0	0232
455	There is no impact on safety.	N	4171	0	0232
456	None.	N	4310	0	1515
457	None	N	4070	0	0028
458	None	N	4070	0	0028

	AS	AT	AU
446	Y	4/8/2015	1
447	Y	4/8/2015	1
448	Y	4/8/2015	1
449	Y	4/8/2015	1
450	Y	4/8/2015	1
451	Y		1
452	Y		1
453	N	9/1/2015	1
454	Y	8/26/2015	1
455	Y	8/26/2015	1
456	Y	10/22/2015	1
457	N	12/31/2017	1
458	N	12/31/2017	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
459	13508	6/24/2015	2010	TYX	Toyota-VERR-20150624	Light-Duty Vehicles and Trucks	22247	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
460	13526	6/30/2015	2012	BMX	15E-W02	Light-Duty Vehicles and Trucks	47733	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
461	13526	6/30/2015	2011	BMX	15E-W02	Light-Duty Vehicles and Trucks	47733	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
462	13527	7/1/2015	2015	CRX	R21	Light-Duty Vehicles and Trucks	2278	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
463	13556	7/13/2015	2012	BMX	15E-A02	Light-Duty Vehicles and Trucks	154653	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
464	13556	7/13/2015	2011	BMX	15E-A02	Light-Duty Vehicles and Trucks	154653	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
465	13556	7/13/2015	2010	BMX	15E-A02	Light-Duty Vehicles and Trucks	154653	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
466	13556	7/13/2015	2014	BMX	15E-A02	Light-Duty Vehicles and Trucks	154653	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
467	13778	8/24/2015	2016	HNX	VERR-15-010	Light-Duty Vehicles and Trucks	11972	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
468	13839	9/18/2015	2015	HNX	VERR-15-011	Light-Duty Vehicles and Trucks	17796	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
469	13499	6/22/2015	2015	CRX	2015-20	Light-Duty Vehicles and Trucks	3831	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
470	13499	6/22/2015	2014	CRX	2015-20	Light-Duty Vehicles and Trucks	3831	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
471	13499	6/22/2015	2013	CRX	2015-20	Light-Duty Vehicles and Trucks	3831	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
472	13530	7/6/2015	2013	VWX	VW-0013	Light-Duty Vehicles and Trucks	99380	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
473	13530	7/6/2015	2012	VWX	VW-0013	Light-Duty Vehicles and Trucks	99380	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
474	13531	7/6/2015	2013	BMX	15E-W04	Light-Duty Vehicles and Trucks	3655	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
475	13538	7/9/2015	2015	CRX	R02	Light-Duty Vehicles and Trucks	4613	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468

	P	Q	R	S	T
459	tom.beierschmitt@tema.toyota.com	Oxygen Sensor	6/22/2015	2015	6
460	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	8/1/2015	2015	1521
461	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	8/1/2015	2015	1521
462	Mark.finsterwald@fcagroup.com	Emission Control Information Label	6/30/2015	2015	1521
463	Carlheinz.Bayer@bmwna.com	Electrical, Mechanical and Cooling Systems	8/1/2015	2015	1502
464	Carlheinz.Bayer@bmwna.com	Electrical, Mechanical and Cooling Systems	8/1/2015	2015	1502
465	Carlheinz.Bayer@bmwna.com	Electrical, Mechanical and Cooling Systems	8/1/2015	2015	1502
466	Carlheinz.Bayer@bmwna.com	Electrical, Mechanical and Cooling Systems	8/1/2015	2015	1502
467		Emission Control Information Label	9/18/2015	2015	11
468		Emission Control Information Label	10/6/2015	2015	13
469	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	6/19/2015	2015	1520
470	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	6/19/2015	2015	1520
471	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	6/19/2015	2015	1520
472	n/a	Exhaust Gas Recirculation (EGR) System	8/3/2015	2015	13
473	n/a	Exhaust Gas Recirculation (EGR) System	8/3/2015	2015	13
474	Carlheinz.Bayer@bmwna.com	Electrical, Mechanical and Cooling Systems	8/1/2015	2015	1541
475	mark.finsterwald@fcagroup.com	Emission Control Information Label	7/9/2015	2015	1502

	U
459	Lexus initiated a limited service campaign to replace the oxygen sensor with wire harness and wire harness bracket on certain Toyota 2010MY RX450h with 2GR-FXE engine. The subject vehicles are equipped with an oxygen sensor with an attached wire harness. Due to the oxygen sensor wire harness routing and engine vibratio
460	The affected part number 13517592429 relates to the High Pressure Fuel Pump. In about 90% of all cases the high pressure fuel pump was replaced due to a corresponding fault code storage including MIL illumination. One reason for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft sp
461	The affected part number 13517592429 relates to the High Pressure Fuel Pump. In about 90% of all cases the high pressure fuel pump was replaced due to a corresponding fault code storage including MIL illumination. One reason for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft sp
462	Some 2015 model year 2.4L Jeep Cherokee gasoline vehicles were built with an incorrect Vehicle Emissions Control Information (VECI) label, having an FFV label applied.
463	The affected part numbers 11367583207 and 11367583208 relate to the VANOS VVT Adjustment Unit Intake. In about 95% of all cases, the component VANOS VVT Adjustment Unit Intake was replaced in service due to a failure (broken screw head near the screw shaft) at one or more of the overall four screws necessary to adjust t
464	The affected part numbers 11367583207 and 11367583208 relate to the VANOS VVT Adjustment Unit Intake. In about 95% of all cases, the component VANOS VVT Adjustment Unit Intake was replaced in service due to a failure (broken screw head near the screw shaft) at one or more of the overall four screws necessary to adjust t
465	The affected part numbers 11367583207 and 11367583208 relate to the VANOS VVT Adjustment Unit Intake. In about 95% of all cases, the component VANOS VVT Adjustment Unit Intake was replaced in service due to a failure (broken screw head near the screw shaft) at one or more of the overall four screws necessary to adjust t
466	The affected part numbers 11367583207 and 11367583208 relate to the VANOS VVT Adjustment Unit Intake. In about 95% of all cases, the component VANOS VVT Adjustment Unit Intake was replaced in service due to a failure (broken screw head near the screw shaft) at one or more of the overall four screws necessary to adjust t
467	Some vehicles were produced either missing the Vehicle Emission Control Information label or with the incorrect label. Air Conditioner Information labels are also missing from production vehicles.
468	The noise suppression capacitor's coil winding wire in the ignition coil may be broken off. This may result in the engine misfire and/or engine stall and/or elimination of the OBD fault code.
469	The Electric Vehicle Control Unit (EVCU) on some 2013 MY - 2015 MY Fiat 500e vehicles may contain software that can result in an unintended shift to neutral condition.
470	The Electric Vehicle Control Unit (EVCU) on some 2013 MY - 2015 MY Fiat 500e vehicles may contain software that can result in an unintended shift to neutral condition.
471	The Electric Vehicle Control Unit (EVCU) on some 2013 MY - 2015 MY Fiat 500e vehicles may contain software that can result in an unintended shift to neutral condition.
472	Part description: Exhaust Flap Part numbers involved: 1K0 253 691 E / F parts are being replaced with improved parts with suffix ¿G¿ & ¿J¿. The following complaints were observed: MIL on The following DTCs were observed: - P0401 (Exhaust Gas Recirc. Flow Insufficient Detected) - P047F (valve stuck in open position) - P0477 (Exhaust Pressure Control Valve Low) - P048A (valve stuck in closed position) - P048B (signal range check low) - P048C (position sensor signal in desired range during closed position learning) Analysis of sample parts shows exhaust flap sticking in open / closed position caused by corrosion on the shaft.
473	Part description: Exhaust Flap Part numbers involved: 1K0 253 691 E / F parts are being replaced with improved parts with suffix ¿G¿ & ¿J¿. The following complaints were observed: MIL on The following DTCs were observed: - P0401 (Exhaust Gas Recirc. Flow Insufficient Detected) - P047F (valve stuck in open position) - P0477 (Exhaust Pressure Control Valve Low) - P048A (valve stuck in closed position) - P048B (signal range check low) - P048C (position sensor signal in desired range during closed position learning) Analysis of sample parts shows exhaust flap sticking in open / closed position caused by corrosion on the shaft.
474	The affected part number 13417838024 relates to the Idle Control Device. The reason for idle control device replacements is silicone contamination of the carbon brushes and the collectors. The silicone might lead to ¿brush-fires¿ between the collector and the carbon brushes which can cause an isolating silicone oxide film. Thi
475	Some 2014 model year RAM ProMaster vehicles were built with an incorrect Vehicle Emissions Control Information (VECI) label. Three issues were discovered, as follows: ¿ ProMaster complete vehicles equipped with a 3.0L engine were certified and built with California Onboard Diagnostics (OBD), but the VECI label incorrectly stated not applicable. ¿ ProMaster incomplete (aka cab chassis) vehicles equipped with a 3.6L Pentastar engine were built with a VECI label for a complete vehicle. ¿ Third issue: some 2014-2015 ProMaster incomplete vehicles, both 3.0L diesel and 3.6L gasoline engines, were built with an incorrect maximum curb weight.

	V
459	All known owners of affected vehicles will be notified via first class mail that there is a limited service campaign for replacement of the oxygen sensor with wire harness and wire harness bracket.
460	The corrective measure consists of extending the emissions warranty for the affected High Pressure Fuel Pump on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BM
461	The corrective measure consists of extending the emissions warranty for the affected High Pressure Fuel Pump on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BM
462	FCA US will perform a voluntary emissions recall (R21) to replace the VECI label.
463	BMW will replace the Gear Bolts with the replacement parts.
464	BMW will replace the Gear Bolts with the replacement parts.
465	BMW will replace the Gear Bolts with the replacement parts.
466	BMW will replace the Gear Bolts with the replacement parts.
467	Vehicles will be inspected for correct installation of the Vehicle Emission Control Information and Air Conditioner Information Label. If necessary they will be installed or replaced by a Honda dealership.
468	The ignition coil will be replaced by a Honda dealership.
469	FCA US will conduct an emission related Voluntary Safety Recall (R20) on all affected vehicles, to update the EVCU software.
470	FCA US will conduct an emission related Voluntary Safety Recall (R20) on all affected vehicles, to update the EVCU software.
471	FCA US will conduct an emission related Voluntary Safety Recall (R20) on all affected vehicles, to update the EVCU software.
472	Volkswagen Group of America, Inc. will expand an Extended Warranty program for 10 years / 120,000 miles regarding to Exhaust Flap replacements on some additional MY 2012 & 2013 2.0L TDI vehicles as described above. Volkswagen has determined that under specific conditions, certain deficiencies affecting the engine exhaust flap could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate due to the presence of specific fault codes caused by a faulty engine exhaust flap. All authorized Volkswagen dealers will be notified of this campaign, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
473	Volkswagen Group of America, Inc. will expand an Extended Warranty program for 10 years / 120,000 miles regarding to Exhaust Flap replacements on some additional MY 2012 & 2013 2.0L TDI vehicles as described above. Volkswagen has determined that under specific conditions, certain deficiencies affecting the engine exhaust flap could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate due to the presence of specific fault codes caused by a faulty engine exhaust flap. All authorized Volkswagen dealers will be notified of this campaign, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
474	BMW is proposing to extend the emissions warranty for Model Year 2013 Test Group DBMXV04.0S65 to full useful life (10 years/120,000mls).
475	FCA US will perform a voluntary emissions recall (R02) to replace the VECI label.

	W
459	Lexus Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
460	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
461	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
462	FCA US provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to FCA US LLC
463	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
464	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
465	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
466	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
467	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
468	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
469	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
470	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
471	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
472	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
473	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
474	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
475	FCA US provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to FCA US whi

	X
459	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
460	Not applicable.
461	Not applicable.
462	None.
463	Not applicable.
464	Not applicable.
465	Not applicable.
466	Not applicable.
467	No pre-conditions exist. Repair will be made free-of-charge.
468	No pre-conditions exist. Repair will be made free-of-charge.
469	None,
470	None,
471	None,
472	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen and Audi dealers to determine if the customer¿s vehicle meets the parameters of the subject warranty extension program.
473	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen and Audi dealers to determine if the customer¿s vehicle meets the parameters of the subject warranty extension program.
474	Not applicable.
475	None.

	Y
459	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure. Lexus began sending the notification letters to the owners on June 22. Copies of the owner notification letters and letters to dealers are attached for your convenience.
460	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
461	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
462	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.
463	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
464	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
465	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
466	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
467	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
468	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
469	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
470	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
471	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
472	All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
473	All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
474	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
475	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.

	Z
459	The repair will be performed at Lexus dealerships only, and will take approximately 0.6 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
460	Not applicable.
461	Not applicable.
462	None.
463	Not applicable.
464	Not applicable.
465	Not applicable.
466	Not applicable.
467	Work can only be performed by an authorized Honda dealership.
468	Work can only be performed by an authorized Honda dealership.
469	None.
470	None.
471	None.
472	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
473	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
474	Not applicable.
475	None.

	AA
459	There is sufficient inventory of the replacement parts to accommodate this campaign. A copy of the Technical Instructions for this limited service campaign is attached.
460	New Pumps are provided to all authorized BMW centers via our service network.
461	New Pumps are provided to all authorized BMW centers via our service network.
462	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.
463	New parts are provided to all authorized BMW centers via our service network.
464	New parts are provided to all authorized BMW centers via our service network.
465	New parts are provided to all authorized BMW centers via our service network.
466	New parts are provided to all authorized BMW centers via our service network.
467	A supply of parts needed to complete the repair will be ordered. Emission labels are controlled and will be available to dealers upon call in and VIN confirmation. An initial quantity of Air Conditioner Information labels will be provided to dealers with additional labels available through dealer order.
468	A supply of parts needed to complete the repair will be ordered.
469	FCA US will supply all dealers with the updated calibration and software required to reprogram the EVCU software.
470	FCA US will supply all dealers with the updated calibration and software required to reprogram the EVCU software.
471	FCA US will supply all dealers with the updated calibration and software required to reprogram the EVCU software.
472	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
473	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
474	New parts are provided to all authorized BMW centers via our service network.
475	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.

	AB
459	Toyota VERR-20150624 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Limited Service Campaign (LSC).
460	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Other documents included: - Recall Plan (includes Customer Notification Letter and Technical Service Bulletin)
461	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Other documents included: - Recall Plan (includes Customer Notification Letter and Technical Service Bulletin)
462	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.
463	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
464	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
465	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
466	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
467	Related Documents: Customer Notification Honda Technical Service Bulletin 15-053
468	Related Documents: Customer Notification Honda Service Bulletin 15-060
469	
470	
471	
472	Forwarding Letter - CBI
473	Forwarding Letter - CBI
474	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Other documents included: - Recall Plan (includes Customer Notification Letter and Technical Service Bulletin)
475	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.

	AC	AD	AE
459	This repair will not affect fuel consumption.		4327
460	An emissions impact is possible.		4328
461	An emissions impact is possible.		4328
462	None.		4329
463	Emissions may exceed the standard.		4333
464	Emissions may exceed the standard.		4333
465	Emissions may exceed the standard.		4333
466	Emissions may exceed the standard.		4333
467	None.		4405
468	N/A		4465
469	None.		4326
470	None.		4326
471	None.		4326
472	Not applicable		4330
473	Not applicable		4330
474	Emissions impact possible.		4331
475	None.		4332

	AF	AG	AH	AI
459		1	Y	N
460		1	Y	N
461		1	Y	N
462		2	Y	N
463		1	Y	N
464		1	Y	N
465		1	Y	N
466		1	Y	N
467		2	Y	N
468		2	Y	N
469		2	Y	N
470		2	Y	N
471		2	Y	N
472		3	Y	N
473		3	Y	N
474		1	Y	N
475		2	Y	N

	AJ	AK	AL	AM
459	N	Y	178266	This repair will not affect driveability.
460	N	Y	178713	Drivablity might be affected.
461	N	Y	178713	Drivablity might be affected.
462	N	N	178838	None.
463	N	Y	179835	Driveability may be affected.
464	N	Y	179835	Driveability may be affected.
465	N	Y	179835	Driveability may be affected.
466	N	Y	179835	Driveability may be affected.
467	N	N	184150	None.
468	N	N	186426	N/A
469	N	N	178015	None.
470	N	N	178015	None.
471	N	N	178015	None.
472	N	Y	179152	Not applicable
473	N	Y	179152	Not applicable
474	N	Y	179186	Drivablity might be affected.
475	N	N	179457	None.

	AN	AO	AP	AQ	AR
459	This repair will not affect safety.	Y	4073	0	0001
460	This repair has no impact on safety.	Y	4074	1	0045,0070
461	This repair has no impact on safety.	Y	4074	1	0045,0070
462	None.	N	4075	0	1509
463	This repair has no adverse impact on safety.	Y	4079	1	0066
464	This repair has no adverse impact on safety.	Y	4079	1	0066
465	This repair has no adverse impact on safety.	Y	4079	1	0066
466	This repair has no adverse impact on safety.	Y	4079	1	0066
467	The correct Air Conditioner Information label will have the correct information needed for appropriate and safe vehicle maintenance.	Y	4150	0	0061
468	N/A	Y	4210	0	0062
469	None.	N	4072	0	1511
470	None.	N	4072	0	1511
471	None.	N	4072	0	1511
472	Not applicable	N	4076	0	0010
473	Not applicable	N	4076	0	0010
474	Safety is not affected.	Y	4077	1	0093
475	None.	N	4078	0	1505

	AS	AT	AU
459	Y	7/22/2015	1
460	N		1
461	N		1
462	Y	7/1/2015	1
463	N		1
464	N		1
465	N		1
466	N		1
467	N	9/21/2015	1
468	N	11/2/2015	1
469	Y	6/20/2015	1
470	Y	6/20/2015	1
471	Y	6/20/2015	1
472	Y	8/4/2015	1
473	Y	8/4/2015	1
474	N		1
475	Y	7/10/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
476	13538	7/9/2015	2014	CRX	R02	Light-Duty Vehicles and Trucks	4613	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
477	13678	8/13/2015	2016	NSX	FOI_NSX_VER_0019_BD_	Light-Duty Vehicles and Trucks	5458	N					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
478	13860	9/25/2015	2013	FMX	15E03	Light-Duty Vehicles and Trucks	74072	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
479	13861	9/25/2015	2013	GMX	1278	Light-Duty Vehicles and Trucks	3970	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
480	13861	9/25/2015	2012	GMX	1278	Light-Duty Vehicles and Trucks	3970	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
481	13822	9/3/2015	2007	TYX	Toyota-VERR-20150903	Light-Duty Vehicles and Trucks	20151	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
482	13856	9/22/2015	2015	HNX	PUDR-15-001	Light-Duty Vehicles and Trucks	15211	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
483	13862	9/28/2015	2016	NSX	FOI_NSX_VER_0019_BD_	Light-Duty Vehicles and Trucks	5458	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
484	13876	10/2/2015	2013	HNX	VERR-15-014	Light-Duty Vehicles and Trucks	200	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
485	13436	6/15/2015	2015	CRX	R04	Light-Duty Vehicles and Trucks	2471	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
486	13436	6/15/2015	2014	CRX	R04	Light-Duty Vehicles and Trucks	2471	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
487	13859	9/23/2015	2016	HNX	PUDR-15-003	Light-Duty Vehicles and Trucks	7733	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
488	13859	9/23/2015	2015	HNX	PUDR-15-003	Light-Duty Vehicles and Trucks	7733	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
489	13890	10/12/2015	2011	GMX	1284	Light-Duty Vehicles and Trucks	71193	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
490	13890	10/12/2015	2010	GMX	1284	Light-Duty Vehicles and Trucks	71193	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
491	13890	10/12/2015	2009	GMX	1284	Light-Duty Vehicles and Trucks	71193	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
492	13891	10/13/2015	2014	ADX	AD-0013	Light-Duty Vehicles and Trucks	174537	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202

	P	Q	R	S	T
476	mark.finsterwald@fcagroup.com	Emission Control Information Label	7/9/2015	2015	1502
477		Fuel Tank Component	8/31/2015	2015	19
478		Computer Related (Other than OBD)	9/3/2015	2015	1503
479		Fuel Tank Component	9/30/2015	2015	1278
480		Fuel Tank Component	9/30/2015	2015	1278
481	tom.beierschmitt@tema.toyota.com	On-Board Diagnostic (OBD) System	8/28/2015	2015	8
482		On-Board Diagnostic (OBD) System	9/25/2015	2015	9
483		Fuel Tank Component	9/28/2015	2015	19
484		Emission Control Information Label	11/6/2015	2015	14
485	mark.finsterwald@fcagroup.com	Exhaust System	6/11/2015	2015	1504
486	mark.finsterwald@fcagroup.com	Exhaust System	6/11/2015	2015	1504
487		On-Board Diagnostic (OBD) System	9/18/2015	2015	10
488		On-Board Diagnostic (OBD) System	9/18/2015	2015	10
489		Computer Related (Other than OBD)	10/12/2015	2015	1284
490		Computer Related (Other than OBD)	10/12/2015	2015	1284
491		Computer Related (Other than OBD)	10/12/2015	2015	1284
492	n/a	Crankcase Ventilation Component/System	10/19/2015	2015	13

	U
476	Some 2014 model year RAM ProMaster vehicles were built with an incorrect Vehicle Emissions Control Information (VECI) label. Three issues were discovered, as follows: ¿ ProMaster complete vehicles equipped with a 3.0L engine were certified and built with California Onboard Diagnostics (OBD), but the VECI label incorrectly stated not applicable. ¿ ProMaster incomplete (aka cab chassis) vehicles equipped with a 3.6L Pentastar engine were built with a VECI label for a complete vehicle. ¿ Third issue: some 2014-2015 ProMaster incomplete vehicles, both 3.0L diesel and 3.6L gasoline engines, were built with an incorrect maximum curb weight.
477	NHTSA preformed an NCAP test on a MY16 Maxima and after the crash test was conducted, NHTSA observed a fuel leak after the vehicle was rotated 90 degrees. NHTSA informed Nissan and Nissan immediately began an investigation into the issue. Preliminarily, Nissan has determined that certain MY16 Maxima vehicles might contain fuel sending units that may not have been affixed to the fuel tank correctly due to a manufacturing process variation at the fuel tank supplier. As a result, the O-ring between the sending unit and the fuel tank may not have been seated correctly at the time of assembly, potentially causing the fuel sending unit to not properly seal against the fuel tank opening. Nissan is continuing to investigate and will update this section as needed.
478	On certain hybrid and plug-in hybrid vehicles that have received a reflash in service, a specific driving pattern of greater than 3500 RPM and low torque requests (such as a tip-out after merging onto a highway) can result in Keep-Alive Memory (KAM) being cleared as a table in memory is over-written. No vehicles were built with thi
479	A molding defect in the outlet port of the fuel tank pump module results in a locally thin wall section. This surface may crack as a result of severe durability exposure.
480	A molding defect in the outlet port of the fuel tank pump module results in a locally thin wall section. This surface may crack as a result of severe durability exposure.
481	Toyota initiated a special service campaign to perform an engine control software update on certain 2007MY Toyota Highlander Hybrid and Lexus RX400h vehicles. The subject vehicles may be unable to pass certain state emission testing requirements due to a software error that will prevent the readiness indicator for the Air F
482	Due to inappropriate calibration of the PCM, the OBD system cannot judge pass condition for the clutch pressure control solenoid B of the 8 Speed Dual Clutch Transmission under reverse gear shift.
483	NHTSA preformed an NCAP test on a MY16 Maxima and after the crash test was conducted, NHTSA observed a fuel leak after the vehicle was rotated 90 degrees. NHTSA informed Nissan and Nissan immediately began an investigation into the issue. Nissan has determined that certain MY16 Maxima and Altima V6 vehicles might contain fuel tanks with an out-of-specification dimension at the opening for the fuel sending unit. As a result, if this condition is present, the H-seal between the sending unit and fuel tank can possibly displace during a severe frontal crash. This can increase the potential risk of a fuel leak in the event of a crash. Fuel and/or vapor leak has only been seen after a significant delta V incident in which the fuel sending unit is displaced - such an impact would damage the vehicle to the point of being inoperable. Nissan is continuing to investigate the number of potentially affected Altima 3.5 vehicles and whether this issue possibly affects other Nissan vehicles equipped with similar fuel tank designs. Once information is available, Nissan will provide further updates in a timely manner, as needed.
484	Some vehicles were produced with the incorrect Vehicle Emission Control Information label.
485	On some 2014MY - 2015 MY 3.0L diesel RAM 1500 4X2 vehicles, the exhaust high-frequency decoupler (HFD), located between the turbocharger and the diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) assembly may develop a fatigue fracture from engine resonance.
486	On some 2014MY - 2015 MY 3.0L diesel RAM 1500 4X2 vehicles, the exhaust high-frequency decoupler (HFD), located between the turbocharger and the diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) assembly may develop a fatigue fracture from engine resonance.
487	Under idling stop conditions, the OBD system may falsely detect a malfunction of the "Functional Failure of the Pressure Regulator Output Stages in the TCU".
488	Under idling stop conditions, the OBD system may falsely detect a malfunction of the "Functional Failure of the Pressure Regulator Output Stages in the TCU".
489	The design of the fuel control system for certain 2009-2011 Buick Lucerne vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected tail pipe emission performance under conditions represented on the FTP emissions test during surveillance and in use testing.
490	The design of the fuel control system for certain 2009-2011 Buick Lucerne vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected tail pipe emission performance under conditions represented on the FTP emissions test during surveillance and in use testing.
491	The design of the fuel control system for certain 2009-2011 Buick Lucerne vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected tail pipe emission performance under conditions represented on the FTP emissions test during surveillance and in use testing.
492	Part description: Crankcase pressure regulating valve (PCV) Part numbers involved: 06H 103 495 E / J / K / N (Production part numbers) 06H 103 495 AE (Production and warranty replacement part number) 06H 198 542 A (Warranty replacement improved kit part number) On certain Audi vehicles with 2.0L TFSI engine, the diaphragm of the crankcase pressure regulating valve may have been either cracked or torn. This damage can be a result of poor fuel quality that can damage the diaphragm material.

	V
476	FCA US will perform a voluntary emissions recall (R02) to replace the VECI label.
477	TBD. Nissan will update this section.
478	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
479	General Motors will initiate a voluntary emission recall to replace the fuel tank pump module on the 2012 - 2013 Chevrolet Caprice police vehicles. General Motors will install an improved service part that has improved wall thickness. All owners of record will be notified in writing about the Voluntary Emissions Recall.
480	General Motors will initiate a voluntary emission recall to replace the fuel tank pump module on the 2012 - 2013 Chevrolet Caprice police vehicles. General Motors will install an improved service part that has improved wall thickness. All owners of record will be notified in writing about the Voluntary Emissions Recall.
481	All known owners of affected vehicles will be notified via first class mail that there is a special service campaign for an engine control software update.
482	The PCM will be updated with a correct programming by a Acura dealership.
483	Nissan will begin remedying the subject vehicles by installing a retainer ring in the sending unit/tank interface to help the H-seal to seat properly between the fuel tank and the fuel sending unit. This will prevent potential H-seal movement in a crash.
484	The Vehicle Emission Control Information Label will be inspected, and if necessary, replaced by a Acura dealership.
485	FCA US LLC will conduct a Voluntary Emission Recall (R04) on all affected vehicles to replace the HFD with a solid pipe and an isolated rear exhaust bracket.
486	FCA US LLC will conduct a Voluntary Emission Recall (R04) on all affected vehicles to replace the HFD with a solid pipe and an isolated rear exhaust bracket.
487	The PCM and/or TCU will be updated with a correct programming by a Acura dealership.
488	The PCM and/or TCU will be updated with a correct programming by a Acura dealership.
489	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for certain 2009-2011 Buick Lucerne vehicles with 3.9L engines.
490	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for certain 2009-2011 Buick Lucerne vehicles with 3.9L engines.
491	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for certain 2009-2011 Buick Lucerne vehicles with 3.9L engines.
492	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to inspect and, if necessary, install a repair kit for the crankcase pressure regulating valve.

	W
476	FCA US provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to FCA US whi
477	RL Polk
478	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
479	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
480	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
481	Lexus and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
482	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
483	RL Polk
484	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
485	FCA US LLC provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which i
486	FCA US LLC provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which i
487	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
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489	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
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491	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
492	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.

	X
476	None.
477	None required
478	Eligibility for this program is not conditioned upon proper maintenance or use.
479	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
480	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
481	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
482	No pre-conditions exist. Repair will be made free-of-charge.
483	None required
484	No pre-conditions exist. Repair will be made free-of-charge.
485	None.
486	None.
487	No pre-conditions exist. Repair will be made free-of-charge.
488	No pre-conditions exist. Repair will be made free-of-charge.
489	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
490	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
491	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
492	There are no maintenance or eligibility requirements.

	Y
476	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.
477	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the safety recall owner notification letter.
478	See Owner Notification Letter.
479	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
480	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
481	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
482	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Acura dealer and make an appointment to have the vehicle repaired.
483	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the safety recall owner notification letter.
484	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Acura dealer and make an appointment to have the vehicle repaired.
485	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
486	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
487	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Acura dealer and make an appointment to have the vehicle repaired.
488	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Acura dealer and make an appointment to have the vehicle repaired.
489	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
490	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
491	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
492	All authorized Audi dealers will be notified of this Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 20th, 2015 Customer Notification: On or about October 20th, 2015

	Z
476	None.
477	Only Nissan dealers will be authorized to perform this service.
478	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
479	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
480	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
481	The repair will be performed at Lexus and Toyota dealerships only, and will take approximately 45 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make their vehicles available for a longer period of time.
482	Work can only be performed by an authorized Acura dealership.
483	Only Nissan dealers will be authorized to perform this service.
484	Work can only be performed by an authorized Acura dealership.
485	None.
486	None.
487	Work can only be performed by an authorized Acura dealership.
488	Work can only be performed by an authorized Acura dealership.
489	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
490	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
491	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
492	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.

	AA
476	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.
477	TBD
478	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
479	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
480	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
481	There is no part replacement since this is a software update.
482	Software update, no parts required.
483	The supplier of the retainer ring will ramp up production to help meet demand based on the corrective action. Nissan will continue to closely monitor part supply usage.
484	The parts for this campaign are controlled and are currently available.
485	FCA US LLC will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
486	FCA US LLC will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
487	Software update, no parts required.
488	Software update, no parts required.
489	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
490	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
491	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
492	Affected authorized Audi dealers will be supplied a sufficient quantity of parts to repair the involved vehicles if needed, through the normal Volkswagen Group parts system.

	AB
476	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.
477	Preliminary DIR to NHTSA since this is being launched as a voluntary safety recall campaign. Number covered by recall: 5458 Number in dealer inventory: 2803 (of the 5458 above)
478	
479	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
480	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
481	Toyota-VERR-20150903 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Special Service Campaign.
482	Attachments: Acura Product Update TBS 15-024 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
483	1. Updated DIR to NHTSA since this is being launched as a voluntary safety recall campaign. 2. Updated Owner Notification Letter (approved by NHTSA on 9/21/2015) - Altima Owner Notification Letter to be approved/sent at a later date Number covered by recall: 5458 Maxima + TBD (Altima V6) Number in dealer inventory: 2803 Maxima (of the 5458 above)
484	Related Documents: Customer Notification Acura Service Bulletin 15-047
485	
486	
487	Attachments: Acura Product Update TBS 15-034 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
488	Attachments: Acura Product Update TBS 15-034 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
489	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
490	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
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492	Forwarding Letter - CBI

	AC	AD	AE
476	None.		4332
477	Fuel economy is not expected to be affected by this TBD fuel tank corrective action.		4385
478	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4487
479	The proposed changes have no impact on fuel economy.		4488
480	The proposed changes have no impact on fuel economy.		4488
481	This repair will not affect fuel consumption.		4445
482	None		4485
483	Fuel economy will not be impacted.		4489
484	None		4505
485	None.		4265
486	None.		4265
487	None		4486
488	None		4486
489	The proposed changes have no impact on fuel economy.		4525
490	The proposed changes have no impact on fuel economy.		4525
491	The proposed changes have no impact on fuel economy.		4525
492	Not applicable.		4526

	AF	AG	AH	AI
476		2	Y	N
477		1	N	N
478		3	Y	Y
479		1	N	N
480		1	N	N
481		1	Y	Y
482		1	Y	N
483		2	N	N
484		2	Y	N
485		2	Y	N
486		2	Y	N
487		1	Y	N
488		1	Y	N
489		1	N	N
490		1	N	N
491		1	N	N
492		3	Y	N

	AJ	AK	AL	AM
476	N	N	179457	None.
477	N	Y	183224	Drivability will not be impacted.
478	N	N	186991	Ford engineering judgment indicates that the corrective action should not affect drivability.
479	N	N	187086	The proposed changes have no impact on drivability.
480	N	N	187086	The proposed changes have no impact on drivability.
481	N	Y	185058	This repair will not affect drivability.
482	N	N	186608	None
483	N	Y	187191	Drivability will not be impacted.
484	N	N	187738	None
485	N	N	177530	None.
486	N	N	177530	None.
487	N	N	186744	None
488	N	N	186744	None
489	N	N	188462	The proposed changes have no impact on drivability.
490	N	N	188462	The proposed changes have no impact on drivability.
491	N	N	188462	The proposed changes have no impact on drivability.
492	N	Y	188695	Not applicable.

	AN	AO	AP	AQ	AR
476	None.	N	4078	0	1505
477	This is being conducted as a voluntary safety recall campaign to improve customer safety in the rare event of a crash.	N	4130	0	0053
478	Ford engineering judgement indicates that the corrective action should not affect safety.	N	4232	0	1507
479	The proposed changes have no impact safety.	N	4233	1	1278
480	The proposed changes have no impact safety.	N	4233	1	1278
481	This repair will not affect safety.	Y	4190	0	0002
482	None	Y	4230	0	0052
483	This is being conducted as a voluntary safety recall campaign to improve customer safety in the rare event of a crash.	N	4234	2	0053
484	None	Y	4250	0	0065
485	None.	N	4030	0	1428
486	None.	N	4030	0	1428
487	None	Y	4231	0	0054
488	None	Y	4231	0	0054
489	The proposed changes have no impact safety.	N	4270	1	1284
490	The proposed changes have no impact safety.	N	4270	1	1284
491	The proposed changes have no impact safety.	N	4270	1	1284
492	Not applicable.	N	4271	0	0047,0073,0079

	AS	AT	AU
476	Y	7/10/2015	1
477	N	9/1/2015	1
478	Y	9/4/2015	1
479	Y		1
480	Y		1
481	Y	9/3/2015	1
482	N	9/28/2015	1
483	N	9/29/2015	1
484	N	11/9/2015	1
485	Y	6/12/2015	1
486	Y	6/12/2015	1
487	N	9/21/2015	1
488	N	9/21/2015	1
489	Y		1
490	Y		1
491	Y		1
492	Y	10/20/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
493	13891	10/13/2015	2013	ADX	AD-0013	Light-Duty Vehicles and Trucks	174537	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
494	13891	10/13/2015	2012	ADX	AD-0013	Light-Duty Vehicles and Trucks	174537	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
495	13891	10/13/2015	2011	ADX	AD-0013	Light-Duty Vehicles and Trucks	174537	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
496	13632	8/7/2015	2014	TYX	Toyota-VERR-20150807	Light-Duty Vehicles and Trucks	108624	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
497	13632	8/7/2015	2013	TYX	Toyota-VERR-20150807	Light-Duty Vehicles and Trucks	108624	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
498	13632	8/7/2015	2012	TYX	Toyota-VERR-20150807	Light-Duty Vehicles and Trucks	108624	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
499	13635	8/7/2015	2014	NSX	FOI_NSX_VER_0018_BD_	Light-Duty Vehicles and Trucks	29297	N					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
500	13894	10/15/2015	2015	GMX	1283	Light-Duty Vehicles and Trucks	203	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046
501	13992	11/11/2015	2016	HNX	VERR-15-015	Light-Duty Vehicles and Trucks	35406	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
502	14027	11/11/2015	2011	TYX	TYX-VERR-20151111-9	Light-Duty Vehicles and Trucks	2774	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
503	14028	11/17/2015	2013	FPX	0005	Heavy-Duty Highway Gas and Diesel Engines	10458	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
504	14028	11/17/2015	2012	FPX	0005	Heavy-Duty Highway Gas and Diesel Engines	10458	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
505	14028	11/17/2015	2011	FPX	0005	Heavy-Duty Highway Gas and Diesel Engines	10458	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
506	13975	11/6/2015	2013	VWX	VW-0014	Light-Duty Vehicles and Trucks	40609	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943

	P	Q	R	S	T
493	n/a	Crankcase Ventilation Component/System	10/19/2015	2015	13
494	n/a	Crankcase Ventilation Component/System	10/19/2015	2015	13
495	n/a	Crankcase Ventilation Component/System	10/19/2015	2015	13
496	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	7/30/2015	2015	7
497	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	7/30/2015	2015	7
498	tom.beierschmitt@tema.toyota.com	Hybrid Vehicle Component/System	7/30/2015	2015	7
499		Fuel Tank Component	8/5/2015	2015	18
500		Fuel Tank Component	10/15/2015	2015	1283
501		Computer Related (Other than OBD)	11/27/2015	2015	15
502	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	9/29/2011	2011	26
503	brandonbaumgartner@cnhind.com	Crankcase Ventilation Component/System	11/23/2015	2015	5
504	brandonbaumgartner@cnhind.com	Crankcase Ventilation Component/System	11/23/2015	2015	5
505	brandonbaumgartner@cnhind.com	Crankcase Ventilation Component/System	11/23/2015	2015	5
506	n/a	Fuel Delivery System	11/11/2015	2015	14

	U
493	Part description: Crankcase pressure regulating valve (PCV) Part numbers involved: 06H 103 495 E / J / K / N (Production part numbers) 06H 103 495 AE (Production and warranty replacement part number) 06H 198 542 A (Warranty replacement improved kit part number) On certain Audi vehicles with 2.0L TFSI engine, the diaphragm of the crankcase pressure regulating valve may have been either cracked or torn. This damage can be a result of poor fuel quality that can damage the diaphragm material.
494	Part description: Crankcase pressure regulating valve (PCV) Part numbers involved: 06H 103 495 E / J / K / N (Production part numbers) 06H 103 495 AE (Production and warranty replacement part number) 06H 198 542 A (Warranty replacement improved kit part number) On certain Audi vehicles with 2.0L TFSI engine, the diaphragm of the crankcase pressure regulating valve may have been either cracked or torn. This damage can be a result of poor fuel quality that can damage the diaphragm material.
495	Part description: Crankcase pressure regulating valve (PCV) Part numbers involved: 06H 103 495 E / J / K / N (Production part numbers) 06H 103 495 AE (Production and warranty replacement part number) 06H 198 542 A (Warranty replacement improved kit part number) On certain Audi vehicles with 2.0L TFSI engine, the diaphragm of the crankcase pressure regulating valve may have been either cracked or torn. This damage can be a result of poor fuel quality that can damage the diaphragm material.
496	Toyota initiated a safety recall to perform a software update to the Motor Generator ECU and the Power Management ECU to preclude damage to certain transistors in the Intelligent Power module (IPM). This recall affects the 2012-2014 Prius V vehicles. In addition to illuminating various warning lamps on the instrument panel,
497	Toyota initiated a safety recall to perform a software update to the Motor Generator ECU and the Power Management ECU to preclude damage to certain transistors in the Intelligent Power module (IPM). This recall affects the 2012-2014 Prius V vehicles. In addition to illuminating various warning lamps on the instrument panel,
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499	On some 2014MY Nissan Rogue* vehicles manufactured between January 2, 2014 and June 7, 2014 the nickel plating material from the fuel pump's inner or outer casing/cover may detach due to fuel flow, vibration or pressure. Detached plating particles may move into the gap between the impeller and the casing/cover, causing the impeller to stop rotating. * Please note that the Rogue Select is not affected.
500	General Motors has identified a potential defect on some Chevrolet Trax / Chevrolet Tracker vehicles where the mounting ring for the fuel pump module may be improperly molded into the plastic fuel tank shell. Vehicles built with this defect have the potential to develop small liquid fuel leaks or fuel vapor leaks at the top of the
501	When the system experiences an FCAN BUS OFF, the system indicators on the gauge cluster do not turn on and the gauge needles do not return to home position.
502	On certain 2011 model year CT200h vehicles, the engine and hybrid system may have been filled with an improper mixture of coolant (Super Long Life Coolant). Effects of incorrect coolant could include: Poor thermal absorption (Poor cooling/heating performance); cooling system durability could decrease or system corrosion may occur.
503	Investigation as to the number of confirmed PCV filter failed have shown the following failure modes: ¿ Clogging of filter itself ¿ Freezing of condensed water ¿ Filter cover misalignment In most cases this would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs). In some cases the PCV filter would be replaced simply because of evidence of oil presence into intake or exhaust line that can be considered normal within certain limits.
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506	Low Bank 1¿ will be stored in the ECM. A vehicle with this condition will not pass an IM (emissions) inspection. Improved SW part number / levels (Service Action): 06J997028J 1495 06J997028K 1496 06J997028N 1499 06J997028P 1500 06J997029R 1521 06J997029N 1518 06J997029P 1519 06J997029M 1517 1K0907115AS 0040 1K0907115AT 0040 06J997029D 1509 06J997029E 1510 06J997029B 1507 06J997029C 1508 06J997029J 1514 06J997029K 1515 06J997029L 1516 06J997029F 1511 06J997029H 1513 06J997029G 1512 06J997028Q 1501 06J997028R 1502 06J997028S 1503

	V
493	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to inspect and, if necessary, install a repair kit for the crankcase pressure regulating valve.
494	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to inspect and, if necessary, install a repair kit for the crankcase pressure regulating valve.
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496	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and a software update (Reflash) to the Motor Generator ECU and Power Management ECU.
497	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and a software update (Reflash) to the Motor Generator ECU and Power Management ECU.
498	All known owners of affected vehicles will be notified via first class mail that there is a safety recall for MIL illumination and a software update (Reflash) to the Motor Generator ECU and Power Management ECU.
499	Nissan dealers will replace the fuel pump assembly.
500	General Motors will initiate a voluntary emission recall to replace the fuel tank assembly on the affected 2015 Chevrolet Trax vehicles. All owners of record will be notified in writing about the Voluntary Emissions Recall.
501	The software in the gauge control module will be updated by a Honda dealership.
502	Lexus dealers are requested to drain the engine/hybrid system coolant and replace it with the proper mixture Super Long Life Coolant at no charge to the customer.
503	On each affected vehicle, an improved cold weather kit (CWK) will be installed and the PCV filter will be replaced. If the vehicle already has a cold weather kit installed, it will be updated with improved components PCV system components including a PCV cover heating element, a cross over tube heating element and a cross over
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506	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to update ECM Software levels in the affected vehicles. An Extended Warranty program (10years / 120,000miles) will be released for replacement of the Injection Pump. All authorized Volkswagen dealers will be notified of this Service Action and Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about November 11th, 2015 Customer Notification: On or about November 11th, 2015

	W
493	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
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496	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
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499	RL Polk
500	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
501	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
502	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
503	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notofication will be sent via First Class mail.
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506	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.

	X
493	There are no maintenance or eligibility requirements.
494	There are no maintenance or eligibility requirements.
495	There are no maintenance or eligibility requirements.
496	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
497	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
498	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
499	None required
500	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
501	No pre-conditions exist. Repair will be made free-of-charge.
502	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
503	No specific restrictions to prevent eligibility for this remedial action.
504	No specific restrictions to prevent eligibility for this remedial action.
505	No specific restrictions to prevent eligibility for this remedial action.
506	Not applicable.

	Y
493	All authorized Audi dealers will be notified of this Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 20th, 2015 Customer Notification: On or about October 20th, 2015
494	All authorized Audi dealers will be notified of this Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 20th, 2015 Customer Notification: On or about October 20th, 2015
495	All authorized Audi dealers will be notified of this Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 20th, 2015 Customer Notification: On or about October 20th, 2015
496	The notification letter will include a recommendation that the owners drive their vehicle into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
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498	The notification letter will include a recommendation that the owners drive their vehicle into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
499	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification "invitation to repair" letter.
500	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
501	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
502	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
503	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
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505	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
506	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action and Extended Warranty program on or about November 1th, 2015. Affected Volkswagen owners will be mailed a notification of this action on or about November 11th, 2015. Enclosed are examples of Service Circulars and Customer Letters.

	Z
493	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
494	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
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496	The repair will be performed at Toyota dealerships only, and will take approximately 1 hour. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
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498	The repair will be performed at Toyota dealerships only, and will take approximately 1 hour. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
499	Only Nissan dealers will be authorized to perform this service.
500	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
501	Work can only be performed by an authorized Honda dealership.
502	Any authorized Lexus dealership.
503	None other than Mitsubishi Fuso Authorized Dealers or their agents.
504	None other than Mitsubishi Fuso Authorized Dealers or their agents.
505	None other than Mitsubishi Fuso Authorized Dealers or their agents.
506	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.

	AA
493	Affected authorized Audi dealers will be supplied a sufficient quantity of parts to repair the involved vehicles if needed, through the normal Volkswagen Group parts system.
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495	Affected authorized Audi dealers will be supplied a sufficient quantity of parts to repair the involved vehicles if needed, through the normal Volkswagen Group parts system.
496	There is no part replacement since this is a software update.
497	There is no part replacement since this is a software update.
498	There is no part replacement since this is a software update.
499	Campaign logistics is using phased mailing over several weeks to help ensure sufficient parts supply. Part stock will be monitored.
500	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
501	This is a software update for the combination meter. No parts are required. The software is ready and available.
502	Parts are available to address this campaign
503	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
504	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
505	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
506	This Emissions Service Action contains a software update only, therefore there are no parts allocation. In addition, Volkswagen Group of America will assure a sufficient quantity of parts will be available to replace, as needed, the subject ¿Injection Pump¿ under the Extended Warranty program, through the normal dealer parts system.

	AB
493	Forwarding Letter - CBI
494	Forwarding Letter - CBI
495	Forwarding Letter - CBI
496	Toyota-VERR-20150807 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Safety Recall.
497	Toyota-VERR-20150807 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Safety Recall.
498	Toyota-VERR-20150807 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Safety Recall.
499	1. Owner Letter 2. TSB 3. DIR to NHTSA since this is being launched as a voluntary safety recall campaign.
500	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
501	Related Documents: Customer Notification Honda Service Bulletin 15-073
502	Toyota VERR letter 'TYX-VERR-20151111-9' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
503	
504	
505	
506	Forwarding Letter - CBI

	AC	AD	AE
493	Not applicable.		4526
494	Not applicable.		4526
495	Not applicable.		4526
496	This repair will not affect fuel consumption.		4365
497	This repair will not affect fuel consumption.		4365
498	This repair will not affect fuel consumption.		4365
499	Fuel economy will not be affected by this fuel pump assembly replacement.		4366
500	The proposed changes have no impact on fuel economy.		4545
501	None		4589
502	No impact on fuel consumption.		4635
503	There are no expected impacts to fuel economy.		4638
504	There are no expected impacts to fuel economy.		4638
505	There are no expected impacts to fuel economy.		4638
506	No impact on fuel consumption.		4585

	AF	AG	AH	AI
493		3	Y	N
494		3	Y	N
495		3	Y	N
496		1	Y	N
497		1	Y	N
498		1	Y	N
499		3	Y	N
500		1	N	N
501		2	Y	N
502		1	N	N
503		7	Y	Y
504		7	Y	Y
505		7	Y	Y
506		4	Y	Y

	AJ	AK	AL	AM
493	N	Y	188695	Not applicable.
494	N	Y	188695	Not applicable.
495	N	Y	188695	Not applicable.
496	N	Y	182546	This repair will not affect driveability.
497	N	Y	182546	This repair will not affect driveability.
498	N	Y	182546	This repair will not affect driveability.
499	N	Y	182553	An instances of drivability issues associated with the old pumps will be rectified by this fuel pump assembly replacement.
500	N	N	188865	The proposed changes have no impact on drivability.
501	N	N	192742	None
502	N	Y	193903	No impact on driveability.
503	Y	N	193907	There are no expected impacts to drivability.
504	Y	N	193907	There are no expected impacts to drivability.
505	Y	N	193907	There are no expected impacts to drivability.
506	N	Y	192163	Possible reduced engine power.

	AN	AO	AP	AQ	AR
493	Not applicable.	N	4271	0	0047,0073,0079
494	Not applicable.	N	4271	0	0047,0073,0079
495	Not applicable.	N	4271	0	0047,0073,0079
496	Safety is affected and NHTSA has been notified.	Y	4110	0	0006
497	Safety is affected and NHTSA has been notified.	Y	4110	0	0006
498	Safety is affected and NHTSA has been notified.	Y	4110	0	0006
499	This is being conducted as a voluntary safety recall campaign to improve customer safety in the rare event that the old fuel pump assembly does not operate as anticipated.	Y	4111	0	0052
500	The proposed changes have no impact safety.	N	4290	1	1283
501	None	Y	4350	0	0066
502	No impact on safety.	N	4383	0	0015
503	There are no expected impacts to safety.	N	4410	0	0011
504	There are no expected impacts to safety.	N	4410	0	0011
505	There are no expected impacts to safety.	N	4410	0	0011
506	Not applicable.	N	4330	0	0027

	AS	AT	AU
493	Y	10/20/2015	1
494	Y	10/20/2015	1
495	Y	10/20/2015	1
496	Y	8/31/2015	1
497	Y	8/31/2015	1
498	Y	8/31/2015	1
499	N	8/31/2015	1
500	Y		1
501	N	11/30/2015	1
502	N	10/29/2011	1
503	Y		1
504	Y		1
505	Y		1
506	N	11/12/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
507	13975	11/6/2015	2012	VWX	VW-0014	Light-Duty Vehicles and Trucks	40609	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943
508	13977	11/6/2015	2013	ADX	AD-0011	Light-Duty Vehicles and Trucks	80249	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
509	13977	11/6/2015	2012	ADX	AD-0011	Light-Duty Vehicles and Trucks	80249	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
510	13977	11/6/2015	2011	ADX	AD-0011	Light-Duty Vehicles and Trucks	80249	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
511	13978	11/6/2015	2016	NSX	FOI_NSX_VER_0020_BD_	Light-Duty Vehicles and Trucks	4785	N					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
512	13994	11/11/2015	2002	TYX	TYX-VERR-20151111-1	Light-Duty Vehicles and Trucks	34771	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
513	13994	11/11/2015	2001	TYX	TYX-VERR-20151111-1	Light-Duty Vehicles and Trucks	34771	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
514	13995	11/11/2015	2007	TYX	TYX-VERR-20151111-2	Light-Duty Vehicles and Trucks	29312	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
515	13996	11/11/2015	2008	TYX	TYX-VERR-20151111-3	Light-Duty Vehicles and Trucks	1236824	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
516	13996	11/11/2015	2007	TYX	TYX-VERR-20151111-3	Light-Duty Vehicles and Trucks	1236824	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
517	13996	11/11/2015	2009	TYX	TYX-VERR-20151111-3	Light-Duty Vehicles and Trucks	1236824	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
507	n/a	Fuel Delivery System	11/11/2015	2015	14
508	n/a	Fuel Delivery System	11/11/2015	2015	11
509	n/a	Fuel Delivery System	11/11/2015	2015	11
510	n/a	Fuel Delivery System	11/11/2015	2015	11
511		Emission Control Information Label	11/16/2015	2015	20
512	tom.beierschmitt@tema.toyota.com	Crankcase Ventilation Component/System	7/18/2006	2006	9
513	tom.beierschmitt@tema.toyota.com	Crankcase Ventilation Component/System	7/18/2006	2006	9
514	tom.beierschmitt@tema.toyota.com	Exhaust System	2/21/2008	2008	10
515	tom.beierschmitt@tema.toyota.com	Exhaust System	10/23/2009	2009	11
516	tom.beierschmitt@tema.toyota.com	Exhaust System	10/23/2009	2009	11
517	tom.beierschmitt@tema.toyota.com	Exhaust System	10/23/2009	2009	11

	U
507	Low Bank 1¿ will be stored in the ECM. A vehicle with this condition will not pass an IM (emissions) inspection. Improved SW part number / levels (Service Action): 06J997028J 1495 06J997028K 1496 06J997028N 1499 06J997028P 1500 06J997029R 1521 06J997029N 1518 06J997029P 1519 06J997029M 1517 1K0907115AS 0040 1K0907115AT 0040 06J997029D 1509 06J997029E 1510 06J997029B 1507 06J997029C 1508 06J997029J 1514 06J997029K 1515 06J997029L 1516 06J997029F 1511 06J997029H 1513 06J997029G 1512 06J997028Q 1501 06J997028R 1502 06J997028S 1503
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511	Nissan has determined that some MY16 Maxima vehicles might contain Warranty Information Booklets that are missing certain information related to the Long-Term Emission System Defects Warranty Parts List in the California Vehicle Emission Control Warranties section. Nissan dealers' ability to correctly apply emission warranty during service/repair has not been affected.
512	In certain 2001 through early 2002 model year Echo and Prius vehicles, the connector for the crankshaft position sensor might become disconnected. In the worst case, if the Crankshaft Position Sensor became disconnected while the vehicle was being driven, the engine would have stalled and would have been be unable to rest
513	In certain 2001 through early 2002 model year Echo and Prius vehicles, the connector for the crankshaft position sensor might become disconnected. In the worst case, if the Crankshaft Position Sensor became disconnected while the vehicle was being driven, the engine would have stalled and would have been be unable to rest
514	Toyota initiated a Limited Service Campaign on certain 2007 MY Lexus LS460 vehicles. During the manufacturing process of the two idler pulleys for the engine accessory drive V-belt, foreign materials may have been present in the resin. This condition may lead to a rattle or squeak noise coming from the engine compartment. Over the long term, it might affect the expected service life of the two idler pulleys and the accessory drive V-belt.
515	Toyota initiated a Limited Service Campaign on certain 2005 ¿ 2010 MY Toyota and Lexus vehicles. On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition might cause oil to leak from the VVT-i oil hose producing abnormal engine noise and causing the oil pressure light to illuminate.
516	Toyota initiated a Limited Service Campaign on certain 2005 ¿ 2010 MY Toyota and Lexus vehicles. On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition might cause oil to leak from the VVT-i oil hose producing abnormal engine noise and causing the oil pressure light to illuminate.
517	Toyota initiated a Limited Service Campaign on certain 2005 ¿ 2010 MY Toyota and Lexus vehicles. On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition might cause oil to leak from the VVT-i oil hose producing abnormal engine noise and causing the oil pressure light to illuminate.

	V
507	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to update ECM Software levels in the affected vehicles. An Extended Warranty program (10years / 120,000miles) will be released for replacement of the Injection Pump. All authorized Volkswagen dealers will be notified of this Service Action and Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about November 11th, 2015 Customer Notification: On or about November 11th, 2015
508	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to update ECM Software levels in the affected vehicles. An Extended Warranty program (10years / 120,000miles) will be released for replacement of the Injection Pump. All authorized Volkswagen and Audi dealers will be notified of this Service Action and Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about November 11th, 2015 Customer Notification: On or about November 11th, 2015
509	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to update ECM Software levels in the affected vehicles. An Extended Warranty program (10years / 120,000miles) will be released for replacement of the Injection Pump. All authorized Volkswagen and Audi dealers will be notified of this Service Action and Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about November 11th, 2015 Customer Notification: On or about November 11th, 2015
510	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to update ECM Software levels in the affected vehicles. An Extended Warranty program (10years / 120,000miles) will be released for replacement of the Injection Pump. All authorized Volkswagen and Audi dealers will be notified of this Service Action and Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about November 11th, 2015 Customer Notification: On or about November 11th, 2015
511	Nissan will mail a Warranty Information Booklet supplement card to California and Section 177 State customers of the affected vehicles. This supplement card will contain the proper warranty information related to the Long-Term Emission System Defects Warranty Parts List.
512	Any authorized Toyota dealer would replace the crankshaft position sensor with an improved one at no charge.
513	Any authorized Toyota dealer would replace the crankshaft position sensor with an improved one at no charge.
514	Any Lexus dealer would replace the two involved idler pulleys with newly designed ones, as well as install a new accessory drive V-belt at no charge.
515	Authorized dealerships are requested to replace the VVT-i Oil Hose at no charge to the vehicle owner.
516	Authorized dealerships are requested to replace the VVT-i Oil Hose at no charge to the vehicle owner.
517	Authorized dealerships are requested to replace the VVT-i Oil Hose at no charge to the vehicle owner.

	W
507	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
508	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
509	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
510	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
511	RL Polk
512	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
513	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
514	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
515	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
516	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
517	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
507	Not applicable.
508	Not applicable.
509	Not applicable.
510	Not applicable.
511	None required
512	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
513	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
514	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
515	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
516	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
517	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.

	Y
507	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action and Extended Warranty program on or about November 1th, 2015. Affected Volkswagen owners will be mailed a notification of this action on or about November 11th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
508	Affected authorized Volkswagen and Audi dealers will receive notification and detailed information about this Service Action and Extended Warranty program on or about November 11th, 2015. Affected Volkswagen owners will be mailed a notification of this action on or about November 11th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
509	Affected authorized Volkswagen and Audi dealers will receive notification and detailed information about this Service Action and Extended Warranty program on or about November 11th, 2015. Affected Volkswagen owners will be mailed a notification of this action on or about November 11th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
510	Affected authorized Volkswagen and Audi dealers will receive notification and detailed information about this Service Action and Extended Warranty program on or about November 11th, 2015. Affected Volkswagen owners will be mailed a notification of this action on or about November 11th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
511	Vehicle owners will receive the Warranty supplement card via US mail. No dealer service procedure will be needed.
512	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
513	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
514	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
515	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
516	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
517	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.

	Z
507	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
508	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
509	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
510	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
511	N/A
512	Any authorized Toyota dealer would replace the crankshaft position sensor with an improved one at no charge.
513	Any authorized Toyota dealer would replace the crankshaft position sensor with an improved one at no charge.
514	Any authorized Lexus dealer.
515	Any authorized dealership.
516	Any authorized dealership.
517	Any authorized dealership.

	AA
507	This Emissions Service Action contains a software update only, therefore there are no parts allocation. In addition, Volkswagen Group of America will assure a sufficient quantity of parts will be available to replace, as needed, the subject ¿Injection Pump¿ under the Extended Warranty program, through the normal dealer parts system.
508	This Emissions Service Action contains a software update only, therefore there are no parts allocation. In addition, Volkswagen Group of America will assure a sufficient quantity of parts will be available to replace, as needed, the subject ¿Injection Pump¿ under the Extended Warranty program, through the normal dealer parts system.
509	This Emissions Service Action contains a software update only, therefore there are no parts allocation. In addition, Volkswagen Group of America will assure a sufficient quantity of parts will be available to replace, as needed, the subject ¿Injection Pump¿ under the Extended Warranty program, through the normal dealer parts system.
510	This Emissions Service Action contains a software update only, therefore there are no parts allocation. In addition, Volkswagen Group of America will assure a sufficient quantity of parts will be available to replace, as needed, the subject ¿Injection Pump¿ under the Extended Warranty program, through the normal dealer parts system.
511	The supplier of the warranty information material will print an adequate number of supplement cards to meet the demand for this corrective action.
512	Parts are available for this campaign
513	Parts are available for this campaign
514	Parts are available for this campaign
515	Parts are available for this campaign
516	Parts are available for this campaign
517	Parts are available for this campaign

	AB
507	Forwarding Letter - CBI
508	Forwarding Letter - CBI
509	Forwarding Letter - CBI
510	Forwarding Letter - CBI
511	Please note that the "Problem Category" was selected as Emission Control Information Label due to limited options, however this issue does NOT affect the Vehicle's label, only the Warranty Information Booklet contained in the new vehicle literature kit installed at the port.
512	Toyota VERR letter 'TYX-VERR-20151111-1' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
513	Toyota VERR letter 'TYX-VERR-20151111-1' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
514	Toyota VERR letter 'TYX-VERR-20151111-2' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
515	Toyota VERR letter 'TYX-VERR-20151111-3' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
516	Toyota VERR letter 'TYX-VERR-20151111-3' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
517	Toyota VERR letter 'TYX-VERR-20151111-3' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
507	No impact on fuel consumption.		4585
508	No impact on fuel consumption.		4586
509	No impact on fuel consumption.		4586
510	No impact on fuel consumption.		4586
511	Fuel economy will not be impacted.		4587
512	This repair will not affect fuel consumption because the vehicle is not running.		4605
513	This repair will not affect fuel consumption because the vehicle is not running.		4605
514	No impact on fuel consumption.		4606
515	No impact on fuel consumption.		4607
516	No impact on fuel consumption.		4607
517	No impact on fuel consumption.		4607

	AF	AG	AH	AI
507		4	Y	Y
508		4	Y	Y
509		4	Y	Y
510		4	Y	Y
511		1	Y	N
512		1	N	N
513		1	N	N
514		1	N	N
515		1	N	N
516		1	N	N
517		1	N	N

	AJ	AK	AL	AM
507	N	Y	192163	Possible reduced engine power.
508	N	Y	192170	Possible reduced engine power.
509	N	Y	192170	Possible reduced engine power.
510	N	Y	192170	Possible reduced engine power.
511	N	N	192174	Drivability will not be impacted.
512	N	Y	193096	None.
513	N	Y	193096	None.
514	N	Y	193099	No impact on driveability.
515	N	Y	193101	No impact on driveability.
516	N	Y	193101	No impact on driveability.
517	N	Y	193101	No impact on driveability.

	AN	AO	AP	AQ	AR
507	Not applicable.	N	4330	0	0027
508	Not applicable.	N	4331	0	0043
509	Not applicable.	N	4331	0	0043
510	Not applicable.	N	4331	0	0043
511	Safety will not be impacted.	N	4332	0	0055
512	This is a safety issue and NHTSA has been notified.	N	4370	0	0008
513	This is a safety issue and NHTSA has been notified.	N	4370	0	0008
514	No impact on safety.	N	4371	0	0009
515	No impact on safety.	N	4372	0	0010
516	No impact on safety.	N	4372	0	0010
517	No impact on safety.	N	4372	0	0010

	AS	AT	AU
507	N	11/12/2015	1
508	Y	11/12/2015	1
509	Y	11/12/2015	1
510	Y	11/12/2015	1
511	N	11/17/2015	1
512	N	8/18/2006	1
513	N	8/18/2006	1
514	N	3/21/2008	1
515	N	12/16/2009	1
516	N	12/16/2009	1
517	N	12/16/2009	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
518	13996	11/11/2015	2010	TYX	TYX-VERR-20151111-3	Light-Duty Vehicles and Trucks	1236824	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
519	13996	11/11/2015	2006	TYX	TYX-VERR-20151111-3	Light-Duty Vehicles and Trucks	1236824	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
520	13996	11/11/2015	2005	TYX	TYX-VERR-20151111-3	Light-Duty Vehicles and Trucks	1236824	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
521	13991	11/8/2015	2016	TKX	1007	Light-Duty Vehicles and Trucks	14406	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
522	13991	11/8/2015	2015	TKX	1007	Light-Duty Vehicles and Trucks	14406	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
523	14016	11/11/2015	2010	TYX	TYX-VERR-20151111-4	Light-Duty Vehicles and Trucks	17801	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
524	14017	11/11/2015	2010	TYX	TYX-VERR-20151111-7	Light-Duty Vehicles and Trucks	10748	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
525	13937	10/27/2015	2015	CRX	R24	Light-Duty Vehicles and Trucks	78799	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
526	14018	11/11/2015	2009	TYX	TYX-VERR-20151111-10	Light-Duty Vehicles and Trucks	52780	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
527	14018	11/11/2015	2008	TYX	TYX-VERR-20151111-10	Light-Duty Vehicles and Trucks	52780	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
528	14019	11/11/2015	2013	TYX	TYX-VERR-20151111-12	Light-Duty Vehicles and Trucks	2488	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
529	14020	11/11/2015	2011	TYX	TYX-VERR-20151111-15	Light-Duty Vehicles and Trucks	101582	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
518	tom.beierschmitt@tema.toyota.com	Exhaust System	10/23/2009	2009	11
519	tom.beierschmitt@tema.toyota.com	Exhaust System	10/23/2009	2009	11
520	tom.beierschmitt@tema.toyota.com	Exhaust System	10/23/2009	2009	11
521		Evaporative Emissions Systems	10/20/2015	2015	1007
522		Evaporative Emissions Systems	10/20/2015	2015	1007
523	tom.beierschmitt@tema.toyota.com	Evaporative Emissions Systems	6/25/2010	2010	12
524	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	10/12/2010	2010	13
525	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	10/21/2015	2015	1524
526	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	10/27/2011	2011	14
527	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	10/27/2011	2011	14
528	tom.beierschmitt@tema.toyota.com	Monitoring/Measuring Sensor/System	2/16/2012	2012	15
529	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	9/3/2013	2013	18

	U
518	Toyota initiated a Limited Service Campaign on certain 2005 ¿ 2010 MY Toyota and Lexus vehicles. On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition might cause oil to leak from the VVT-i oil hose producing abnormal engine noise and causing the oil pressure light to illuminate.
519	Toyota initiated a Limited Service Campaign on certain 2005 ¿ 2010 MY Toyota and Lexus vehicles. On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition might cause oil to leak from the VVT-i oil hose producing abnormal engine noise and causing the oil pressure light to illuminate.
520	Toyota initiated a Limited Service Campaign on certain 2005 ¿ 2010 MY Toyota and Lexus vehicles. On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition might cause oil to leak from the VVT-i oil hose producing abnormal engine noise and causing the oil pressure light to illuminate.
521	Sealing performance of some shut-off-valves in the fuel tank may be insufficient due to improper installation of the cap on the shut-off-valve body. Under the condition, while refilling the fuel tank or by the fuel movement when driving, fuel may be able to flow through the shut-off-valve into the evaporative breather pipe and into t
522	Sealing performance of some shut-off-valves in the fuel tank may be insufficient due to improper installation of the cap on the shut-off-valve body. Under the condition, while refilling the fuel tank or by the fuel movement when driving, fuel may be able to flow through the shut-off-valve into the evaporative breather pipe and into t
523	After having been struck from the rear at a speed of 50 miles per hour in a test under the provisions of FMVSS No. 301, a 2010 Model Year Lexus HS 250h vehicle leaked more fuel than allowed by the standard when it was rotated on its driver¿s side. This occurred because interaction with a body panel edge during the test caused deformation of the fuel cap. If the vehicle is involved in a rear end collision where the fuel cap is damaged and the vehicle rolls over, fuel spillage may occur. Fuel spillage in the presence of an ignition source may lead to a vehicle fire.
524	On certain 2010 model year Corolla and Corolla Matrix vehicles equipped with the 2ZR-FE engine, that were assembled in North America, the Engine Accessory Belt might have been improperly manufactured. On a small number of these vehicles, there is a possibility that the belt may prematurely deteriorate and detach from the pulleys. This condition will cause abnormal noises from the engine compartment, as well as illumination of the Malfunction Indicator Light (MIL) and/or charging (battery) system warning light. If the vehicle is continually operated under this condition, the engine might overheat.
525	Some 2015 MY Chrysler 200 vehicles may have been produced with spread terminals within the C4 Connector relating to the Power Distribution Center, which may result in a stall (Pin 18) or neutral event (Pin 15), illuminating the Malfunction Indicator Light.
526	On certain 2008 ¿ 2009 model year Scion xB vehicles, there is a possibility that under high temperature conditions a crack may develop at certain solder points which secure capacitors to the circuit board of the ignition coil. If a crack occurs at these certain solder points, the check engine light (MIL) could be illuminated, rough idling and a reduction in engine power may result. If this condition occurs one or more of Diagnostic Trouble Codes (DTCs) P0351, P0352, P0353, and P0354 will be recorded.
527	On certain 2008 ¿ 2009 model year Scion xB vehicles, there is a possibility that under high temperature conditions a crack may develop at certain solder points which secure capacitors to the circuit board of the ignition coil. If a crack occurs at these certain solder points, the check engine light (MIL) could be illuminated, rough idling and a reduction in engine power may result. If this condition occurs one or more of Diagnostic Trouble Codes (DTCs) P0351, P0352, P0353, and P0354 will be recorded.
528	This Customer Satisfaction Campaign (CSC) has been launched on certain 2013 model year GS 350 vehicles to reflash the Engine Control Module (ECM) calibration. The reflash will eliminate a momentary sensation that some drivers may consider unusual following the upshift into 3rd gear while in the Economy (¿ECO¿) mode.
529	The engines in the subject vehicles are equipped with a Variable-Valve Timing (VVT) system which controls the camshafts to provide optimal valve timing under certain driving conditions. The bolts used to secure the housing and sprocket of the intake-side VVT gear assembly could become loose due to abnormal impacts generated within the gear assembly immediately after a cold start-up. If this occurs, the VVT gear will not control the intake valves correctly. In certain cases, the VVT gear housing and sprocket could separate and result in the engine stopping while the vehicle is being driven, increasing the risk of a crash.

	V
518	Authorized dealerships are requested to replace the VVT-i Oil Hose at no charge to the vehicle owner.
519	Authorized dealerships are requested to replace the VVT-i Oil Hose at no charge to the vehicle owner.
520	Authorized dealerships are requested to replace the VVT-i Oil Hose at no charge to the vehicle owner.
521	Mazda inspects the shut off valve and replace the charcoal canister and fuel tank component with the good ones.
522	Mazda inspects the shut off valve and replace the charcoal canister and fuel tank component with the good ones.
523	Lexus dealers are requested to install a newly designed fuel cap/inlet protector at no charge to the vehicle owner.
524	Toyota dealers are requested to inspect the Engine Accessory Belt and if applicable replace it at no charge to the customer.
525	FCA US will conduct an emission related voluntary Safety Recall (R24) on all affected vehicles, to either replace the C4 connector using a 12 wire splice kit for vehicles equipped with a 3.6L engines or replace the transmission wiring harness on vehicles equipped with a 2.4L engine.
526	Toyota dealers are requested to replace the ignition coils at no charge to the customer.
527	Toyota dealers are requested to replace the ignition coils at no charge to the customer.
528	Lexus dealers are requested to reflash the Engine Control Module (ECM) at no charge to the vehicle owner.
529	Lexus dealers will replace the intake VVT actuator gears at no charge to the vehicle owner. For additional information on the repair procedures, please refer to TIS.

	W
518	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
519	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
520	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
521	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
522	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
523	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
524	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
525	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
526	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
527	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
528	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
529	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
518	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
519	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
520	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
521	There will be no restrictions on eligibility.
522	There will be no restrictions on eligibility.
523	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy ofthe repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
524	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
525	None.
526	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
527	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
528	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
529	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.

	Y
518	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
519	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
520	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure.
521	As all Mazda dealers was provided with instructions prior to sending the owner notification letter. Owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealers.
522	As all Mazda dealers was provided with instructions prior to sending the owner notification letter. Owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealers.
523	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
524	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
525	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
526	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
527	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
528	All known owners of affected vehicles have been notified via first class mail that there is a special service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
529	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.

	Z
518	Any authorized dealership.
519	Any authorized dealership.
520	Any authorized dealership.
521	Repair work will be performed only by authorized Mazda dealers.
522	Repair work will be performed only by authorized Mazda dealers.
523	Any authorized Lexus dealership.
524	Any authorized Toyota dealership.
525	None.
526	Any authorized Toyota dealership.
527	Any authorized Toyota dealership.
528	Any authorized Lexus dealership.
529	Any authorized Lexus dealership.

	AA
518	Parts are available for this campaign
519	Parts are available for this campaign
520	Parts are available for this campaign
521	The necessary modified parts for repair are available at any authorized Mazda dealers.
522	The necessary modified parts for repair are available at any authorized Mazda dealers.
523	Parts are available for this campaign
524	Parts are available for this campaign
525	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
526	Parts are available for this campaign
527	Parts are available for this campaign
528	There is no part replacement since this is a software update.
529	Parts are available for this campaign.

	AB
518	Toyota VERR letter 'TYX-VERR-20151111-3' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
519	Toyota VERR letter 'TYX-VERR-20151111-3' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
520	Toyota VERR letter 'TYX-VERR-20151111-3' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
521	
522	
523	Toyota VERR letter 'TYX-VERR-20151111-4' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
524	Toyota VERR letter 'TYX-VERR-20151111-7' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
525	
526	Toyota VERR letter 'TYX-VERR-20151111-10' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
527	Toyota VERR letter 'TYX-VERR-20151111-10' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
528	Toyota VERR letter 'TYX-VERR-20151111-12' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
529	Toyota VERR letter 'TYX-VERR-20151111-15' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
518	No impact on fuel consumption.		4607
519	No impact on fuel consumption.		4607
520	No impact on fuel consumption.		4607
521	Mazda judges that the fuel economy will be adversely affected because, in the worst case, fuel may potentially leak from the external vent of the charcoal canister.		4588
522	Mazda judges that the fuel economy will be adversely affected because, in the worst case, fuel may potentially leak from the external vent of the charcoal canister.		4588
523	No impact on fuel consumption.		4625
524	No impact on fuel consumption.		4626
525	None.		4566
526	No impact on fuel consumption.		4627
527	No impact on fuel consumption.		4627
528	No impact on fuel consumption.		4628
529	No impact on fuel consumption.		4629

	AF	AG	AH	AI
518		1	N	N
519		1	N	N
520		1	N	N
521		4	Y	Y
522		4	Y	Y
523		1	N	N
524		1	N	N
525		2	Y	N
526		1	N	N
527		1	N	N
528		1	N	N
529		1	N	N

	AJ	AK	AL	AM
518	N	Y	193101	No impact on driveability.
519	N	Y	193101	No impact on driveability.
520	N	Y	193101	No impact on driveability.
521	Y	N	192342	Mazda judges that the drivability will be adversely affected when this condition is present due to rough idle and/or engine stall.
522	Y	N	192342	Mazda judges that the drivability will be adversely affected when this condition is present due to rough idle and/or engine stall.
523	N	Y	193352	No impact on driveability.
524	N	Y	193388	No impact on driveability.
525	N	N	190579	None.
526	N	Y	193399	No impact on driveability.
527	N	Y	193399	No impact on driveability.
528	N	Y	193411	No impact on driveability.
529	N	Y	193413	No impact on driveability.

	AN	AO	AP	AQ	AR
518	No impact on safety.	N	4372	0	0010
519	No impact on safety.	N	4372	0	0010
520	No impact on safety.	N	4372	0	0010
521	Mazda judges that the safety will be adversely affected when this condition is present due to engine stall and/or fuel leakage.	N	4333	0	0233
522	Mazda judges that the safety will be adversely affected when this condition is present due to engine stall and/or fuel leakage.	N	4333	0	0233
523	No impact on safety.	N	4373	0	0011
524	No impact on safety.	N	4374	0	0014
525	None.	N	4311	0	1515
526	No impact on safety.	N	4375	0	0025
527	No impact on safety.	N	4375	0	0025
528	No impact on safety.	N	4376	0	0017
529	No impact on safety.	N	4377	0	0019

	AS	AT	AU
518	N	12/16/2009	1
519	N	12/16/2009	1
520	N	12/16/2009	1
521	Y	10/21/2015	1
522	Y	10/21/2015	1
523	N	7/25/2010	1
524	N	11/12/2010	1
525	Y	10/22/2015	1
526	N	11/27/2011	1
527	N	11/27/2011	1
528	N	3/16/2012	1
529	N	10/3/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
530	14020	11/11/2015	2010	TYX	TYX-VERR-20151111-15	Light-Duty Vehicles and Trucks	101582	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
531	14020	11/11/2015	2009	TYX	TYX-VERR-20151111-15	Light-Duty Vehicles and Trucks	101582	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
532	14020	11/11/2015	2008	TYX	TYX-VERR-20151111-15	Light-Duty Vehicles and Trucks	101582	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
533	14020	11/11/2015	2007	TYX	TYX-VERR-20151111-15	Light-Duty Vehicles and Trucks	101582	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
534	14020	11/11/2015	2006	TYX	TYX-VERR-20151111-15	Light-Duty Vehicles and Trucks	101582	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
535	14021	11/11/2015	2014	TYX	TYX-VERR-20151111-16	Light-Duty Vehicles and Trucks	3795	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
536	14021	11/11/2015	2013	TYX	TYX-VERR-20151111-16	Light-Duty Vehicles and Trucks	3795	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
537	14023	11/11/2015	2014	TYX	TYX-VERR-20151111-20	Light-Duty Vehicles and Trucks	794725	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
538	14023	11/11/2015	2013	TYX	TYX-VERR-20151111-20	Light-Duty Vehicles and Trucks	794725	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
530	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	9/3/2013	2013	18
531	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	9/3/2013	2013	18
532	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	9/3/2013	2013	18
533	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	9/3/2013	2013	18
534	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	9/3/2013	2013	18
535	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	11/7/2013	2013	19
536	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	11/7/2013	2013	19
537	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	10/2/2014	2014	20
538	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	10/2/2014	2014	20

	U
530	The engines in the subject vehicles are equipped with a Variable-Valve Timing (VVT) system which controls the camshafts to provide optimal valve timing under certain driving conditions. The bolts used to secure the housing and sprocket of the intake-side VVT gear assembly could become loose due to abnormal impacts generated within the gear assembly immediately after a cold start-up. If this occurs, the VVT gear will not control the intake valves correctly. In certain cases, the VVT gear housing and sprocket could separate and result in the engine stopping while the vehicle is being driven, increasing the risk of a crash.
531	The engines in the subject vehicles are equipped with a Variable-Valve Timing (VVT) system which controls the camshafts to provide optimal valve timing under certain driving conditions. The bolts used to secure the housing and sprocket of the intake-side VVT gear assembly could become loose due to abnormal impacts generated within the gear assembly immediately after a cold start-up. If this occurs, the VVT gear will not control the intake valves correctly. In certain cases, the VVT gear housing and sprocket could separate and result in the engine stopping while the vehicle is being driven, increasing the risk of a crash.
532	The engines in the subject vehicles are equipped with a Variable-Valve Timing (VVT) system which controls the camshafts to provide optimal valve timing under certain driving conditions. The bolts used to secure the housing and sprocket of the intake-side VVT gear assembly could become loose due to abnormal impacts generated within the gear assembly immediately after a cold start-up. If this occurs, the VVT gear will not control the intake valves correctly. In certain cases, the VVT gear housing and sprocket could separate and result in the engine stopping while the vehicle is being driven, increasing the risk of a crash.
533	The engines in the subject vehicles are equipped with a Variable-Valve Timing (VVT) system which controls the camshafts to provide optimal valve timing under certain driving conditions. The bolts used to secure the housing and sprocket of the intake-side VVT gear assembly could become loose due to abnormal impacts generated within the gear assembly immediately after a cold start-up. If this occurs, the VVT gear will not control the intake valves correctly. In certain cases, the VVT gear housing and sprocket could separate and result in the engine stopping while the vehicle is being driven, increasing the risk of a crash.
534	The engines in the subject vehicles are equipped with a Variable-Valve Timing (VVT) system which controls the camshafts to provide optimal valve timing under certain driving conditions. The bolts used to secure the housing and sprocket of the intake-side VVT gear assembly could become loose due to abnormal impacts generated within the gear assembly immediately after a cold start-up. If this occurs, the VVT gear will not control the intake valves correctly. In certain cases, the VVT gear housing and sprocket could separate and result in the engine stopping while the vehicle is being driven, increasing the risk of a crash.
535	The engines in the involved vehicles contain valve springs which could have been produced with corrosive pitting on the surface of the spring, due to improper maintenance of manufacturing equipment by one of two suppliers. The corrosive pitting could lead to fatigue cracks, which could result in breakage of the valve spring over time. If this occurs, the driver could notice an abnormal noise and rough engine performance. In some cases, the engine could fail and stop while the vehicle is being driven, increasing the risk of a crash.
536	The engines in the involved vehicles contain valve springs which could have been produced with corrosive pitting on the surface of the spring, due to improper maintenance of manufacturing equipment by one of two suppliers. The corrosive pitting could lead to fatigue cracks, which could result in breakage of the valve spring over time. If this occurs, the driver could notice an abnormal noise and rough engine performance. In some cases, the engine could fail and stop while the vehicle is being driven, increasing the risk of a crash.
537	The subject vehicles may exhibit a brief intermittent shudder during torque converter flex lock up. This shudder may be observed while driving under light throttle conditions between approximately 25 ¿ 50 mph. Toyota has developed new Engine Control software logic to help prevent this condition from occurring.
538	The subject vehicles may exhibit a brief intermittent shudder during torque converter flex lock up. This shudder may be observed while driving under light throttle conditions between approximately 25 ¿ 50 mph. Toyota has developed new Engine Control software logic to help prevent this condition from occurring.

	V
530	Lexus dealers will replace the intake VVT actuator gears at no charge to the vehicle owner. For additional information on the repair procedures, please refer to TIS.
531	Lexus dealers will replace the intake VVT actuator gears at no charge to the vehicle owner. For additional information on the repair procedures, please refer to TIS.
532	Lexus dealers will replace the intake VVT actuator gears at no charge to the vehicle owner. For additional information on the repair procedures, please refer to TIS.
533	Lexus dealers will replace the intake VVT actuator gears at no charge to the vehicle owner. For additional information on the repair procedures, please refer to TIS.
534	Lexus dealers will replace the intake VVT actuator gears at no charge to the vehicle owner. For additional information on the repair procedures, please refer to TIS.
535	Authorized Toyota dealers will replace the engine valve springs at no charge to the vehicle owner.
536	Authorized Toyota dealers will replace the engine valve springs at no charge to the vehicle owner.
537	Authorized Toyota dealerships are requested to perform a software update at no charge to the vehicle¿s owner.
538	Authorized Toyota dealerships are requested to perform a software update at no charge to the vehicle¿s owner.

	W
530	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
531	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
532	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
533	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
534	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
535	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
536	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
537	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
538	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
530	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
531	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
532	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
533	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
534	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
535	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
536	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
537	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
538	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.

	Y
530	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
531	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
532	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
533	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
534	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
535	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
536	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
537	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
538	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.

	Z
530	Any authorized Lexus dealership.
531	Any authorized Lexus dealership.
532	Any authorized Lexus dealership.
533	Any authorized Lexus dealership.
534	Any authorized Lexus dealership.
535	Any authorized Toyota dealership.
536	Any authorized Toyota dealership.
537	Any authorized Toyota dealership.
538	Any authorized Toyota dealership.

	AA
530	Parts are available for this campaign.
531	Parts are available for this campaign.
532	Parts are available for this campaign.
533	Parts are available for this campaign.
534	Parts are available for this campaign.
535	Parts are available for this campaign.
536	Parts are available for this campaign.
537	There is no part replacement since this is a software update.
538	There is no part replacement since this is a software update.

	AB
530	Toyota VERR letter 'TYX-VERR-20151111-15' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
531	Toyota VERR letter 'TYX-VERR-20151111-15' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
532	Toyota VERR letter 'TYX-VERR-20151111-15' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
533	Toyota VERR letter 'TYX-VERR-20151111-15' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
534	Toyota VERR letter 'TYX-VERR-20151111-15' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
535	Toyota VERR letter 'TYX-VERR-20151111-16' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
536	Toyota VERR letter 'TYX-VERR-20151111-16' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
537	Toyota VERR letter 'TYX-VERR-20151111-20' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
538	Toyota VERR letter 'TYX-VERR-20151111-20' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
530	No impact on fuel consumption.		4629
531	No impact on fuel consumption.		4629
532	No impact on fuel consumption.		4629
533	No impact on fuel consumption.		4629
534	No impact on fuel consumption.		4629
535	No impact on fuel consumption.		4630
536	No impact on fuel consumption.		4630
537	No impact on fuel consumption.		4631
538	No impact on fuel consumption.		4631

	AF	AG	AH	AI
530		1	N	N
531		1	N	N
532		1	N	N
533		1	N	N
534		1	N	N
535		1	N	N
536		1	N	N
537		1	N	N
538		1	N	N

	AJ	AK	AL	AM
530	N	Y	193413	No impact on driveability.
531	N	Y	193413	No impact on driveability.
532	N	Y	193413	No impact on driveability.
533	N	Y	193413	No impact on driveability.
534	N	Y	193413	No impact on driveability.
535	N	Y	193415	No impact on driveability.
536	N	Y	193415	No impact on driveability.
537	N	Y	193582	No impact on driveability.
538	N	Y	193582	No impact on driveability.

	AN	AO	AP	AQ	AR
530	No impact on safety.	N	4377	0	0019
531	No impact on safety.	N	4377	0	0019
532	No impact on safety.	N	4377	0	0019
533	No impact on safety.	N	4377	0	0019
534	No impact on safety.	N	4377	0	0019
535	No impact on safety.	N	4378	0	0022
536	No impact on safety.	N	4378	0	0022
537	No impact on safety.	N	4379	0	0026
538	No impact on safety.	N	4379	0	0026

	AS	AT	AU
530	N	10/3/2013	1
531	N	10/3/2013	1
532	N	10/3/2013	1
533	N	10/3/2013	1
534	N	10/3/2013	1
535	N	12/7/2013	1
536	N	12/7/2013	1
537	N	11/2/2014	1
538	N	11/2/2014	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
539	14023	11/11/2015	2012	TYX	TYX-VERR-20151111-20	Light-Duty Vehicles and Trucks	794725	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
540	14024	11/11/2015	2011	TYX	TYX-VERR-20151111-21	Light-Duty Vehicles and Trucks	916758	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
541	14024	11/11/2015	2010	TYX	TYX-VERR-20151111-21	Light-Duty Vehicles and Trucks	916758	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
542	14024	11/11/2015	2009	TYX	TYX-VERR-20151111-21	Light-Duty Vehicles and Trucks	916758	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
543	14024	11/11/2015	2008	TYX	TYX-VERR-20151111-21	Light-Duty Vehicles and Trucks	916758	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
544	14024	11/11/2015	2007	TYX	TYX-VERR-20151111-21	Light-Duty Vehicles and Trucks	916758	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
545	14025	11/11/2015	2014	TYX	TYX-VERR-20151111-22	Light-Duty Vehicles and Trucks	983696	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
546	14025	11/11/2015	2013	TYX	TYX-VERR-20151111-22	Light-Duty Vehicles and Trucks	983696	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
539	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	10/2/2014	2014	20
540	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2014	2014	21
541	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2014	2014	21
542	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2014	2014	21
543	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2014	2014	21
544	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2014	2014	21
545	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	10/30/2014	2014	22
546	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	10/30/2014	2014	22

	U
539	The subject vehicles may exhibit a brief intermittent shudder during torque converter flex lock up. This shudder may be observed while driving under light throttle conditions between approximately 25 ¿ 50 mph. Toyota has developed new Engine Control software logic to help prevent this condition from occurring.
540	In these vehicles, Toyota/Lexus has received some reports where vehicles can experience an oil leak or seep from the Engine Oil Cooler Pipe.
541	In these vehicles, Toyota/Lexus has received some reports where vehicles can experience an oil leak or seep from the Engine Oil Cooler Pipe.
542	In these vehicles, Toyota/Lexus has received some reports where vehicles can experience an oil leak or seep from the Engine Oil Cooler Pipe.
543	In these vehicles, Toyota/Lexus has received some reports where vehicles can experience an oil leak or seep from the Engine Oil Cooler Pipe.
544	In these vehicles, Toyota/Lexus has received some reports where vehicles can experience an oil leak or seep from the Engine Oil Cooler Pipe.
545	In these vehicles, Toyota has received some reports where vehicles may exhibit a brief intermittent shudder during torque converter flex lock up. This shudder may be observed while driving under light throttle conditions between approximately 25 ¿ 50 mph.
546	In these vehicles, Toyota has received some reports where vehicles may exhibit a brief intermittent shudder during torque converter flex lock up. This shudder may be observed while driving under light throttle conditions between approximately 25 ¿ 50 mph.

	V
539	Authorized Toyota dealerships are requested to perform a software update at no charge to the vehicle¿s owner.
540	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to a leaking or seeping Engine Oil Cooler Pipe. If the condition is verified, the vehicle will be repaired with a new Engine Oil Cooler Pipe under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until January 31, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
541	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to a leaking or seeping Engine Oil Cooler Pipe. If the condition is verified, the vehicle will be repaired with a new Engine Oil Cooler Pipe under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until January 31, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
542	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to a leaking or seeping Engine Oil Cooler Pipe. If the condition is verified, the vehicle will be repaired with a new Engine Oil Cooler Pipe under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until January 31, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
543	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to a leaking or seeping Engine Oil Cooler Pipe. If the condition is verified, the vehicle will be repaired with a new Engine Oil Cooler Pipe under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until January 31, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
544	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to a leaking or seeping Engine Oil Cooler Pipe. If the condition is verified, the vehicle will be repaired with a new Engine Oil Cooler Pipe under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until January 31, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
545	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to Torque Converter Shudder. If the condition is verified, the vehicle will be repaired with a new torque converter, additional transmission pan magnets, and updated engine control software under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until April 30, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 8 years from the date of first use or 150,000 miles, whichever occurs first. Note: Owners of vehicles also covered by Limited Service Campaign (LSC) E03 for U760E Torque Converter Shudder must have the LSC performed prior to application of this Warranty Enhancement Program. Please see your local Toyota dealer for details.
546	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to Torque Converter Shudder. If the condition is verified, the vehicle will be repaired with a new torque converter, additional transmission pan magnets, and updated engine control software under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until April 30, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 8 years from the date of first use or 150,000 miles, whichever occurs first. Note: Owners of vehicles also covered by Limited Service Campaign (LSC) E03 for U760E Torque Converter Shudder must have the LSC performed prior to application of this Warranty Enhancement Program. Please see your local Toyota dealer for details.

	W
539	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
540	R.L. POLK and Lexus and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
541	R.L. POLK and Lexus and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
542	R.L. POLK and Lexus and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
543	R.L. POLK and Lexus and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
544	R.L. POLK and Lexus and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
545	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
546	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
539	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
540	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
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544	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
545	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
546	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior

	Y
539	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
540	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure
541	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure
542	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure
543	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure
544	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure
545	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
546	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.

	Z
539	Any authorized Toyota dealership.
540	Any authorized Lexus and Toyota dealership.
541	Any authorized Lexus and Toyota dealership.
542	Any authorized Lexus and Toyota dealership.
543	Any authorized Lexus and Toyota dealership.
544	Any authorized Lexus and Toyota dealership.
545	Any authorized Toyota dealership.
546	Any authorized Toyota dealership.

	AA
539	There is no part replacement since this is a software update.
540	Parts are available to address this campaign.
541	Parts are available to address this campaign.
542	Parts are available to address this campaign.
543	Parts are available to address this campaign.
544	Parts are available to address this campaign.
545	Parts are available to address this campaign.
546	Parts are available to address this campaign.

	AB
539	Toyota VERR letter 'TYX-VERR-20151111-20' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
540	Toyota VERR letter 'TYX-VERR-20151111-21' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
541	Toyota VERR letter 'TYX-VERR-20151111-21' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
542	Toyota VERR letter 'TYX-VERR-20151111-21' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
543	Toyota VERR letter 'TYX-VERR-20151111-21' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
544	Toyota VERR letter 'TYX-VERR-20151111-21' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
545	Toyota VERR letter 'TYX-VERR-20151111-22' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
546	Toyota VERR letter 'TYX-VERR-20151111-22' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
539	No impact on fuel consumption.		4631
540	No impact on fuel consumption.		4632
541	No impact on fuel consumption.		4632
542	No impact on fuel consumption.		4632
543	No impact on fuel consumption.		4632
544	No impact on fuel consumption.		4632
545	No impact on fuel consumption.		4633
546	No impact on fuel consumption.		4633

	AF	AG	AH	AI
539		1	N	N
540		1	N	N
541		1	N	N
542		1	N	N
543		1	N	N
544		1	N	N
545		1	N	N
546		1	N	N

	AJ	AK	AL	AM
539	N	Y	193582	No impact on driveability.
540	N	Y	193838	No impact on driveability.
541	N	Y	193838	No impact on driveability.
542	N	Y	193838	No impact on driveability.
543	N	Y	193838	No impact on driveability.
544	N	Y	193838	No impact on driveability.
545	N	Y	193899	No impact on driveability.
546	N	Y	193899	No impact on driveability.

	AN	AO	AP	AQ	AR
539	No impact on safety.	N	4379	0	0026
540	No impact on safety.	N	4380	0	0020
541	No impact on safety.	N	4380	0	0020
542	No impact on safety.	N	4380	0	0020
543	No impact on safety.	N	4380	0	0020
544	No impact on safety.	N	4380	0	0020
545	No impact on safety.	N	4381	0	0027
546	No impact on safety.	N	4381	0	0027

	AS	AT	AU
539	N	11/2/2014	1
540	N	9/1/2014	1
541	N	9/1/2014	1
542	N	9/1/2014	1
543	N	9/1/2014	1
544	N	9/1/2014	1
545	N	11/30/2014	1
546	N	11/30/2014	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
547	14025	11/11/2015	2012	TYX	TYX-VERR-20151111-22	Light-Duty Vehicles and Trucks	983696	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
548	14026	11/11/2015	2007	TYX	TYX-VERR-20151111-8	Light-Duty Vehicles and Trucks	378296	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
549	14026	11/11/2015	2006	TYX	TYX-VERR-20151111-8	Light-Duty Vehicles and Trucks	378296	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
550	14026	11/11/2015	2005	TYX	TYX-VERR-20151111-8	Light-Duty Vehicles and Trucks	378296	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
551	14026	11/11/2015	2004	TYX	TYX-VERR-20151111-8	Light-Duty Vehicles and Trucks	378296	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
552	14237	12/16/2015	2010	TYX	TYX-VERR-20151216	Light-Duty Vehicles and Trucks	3427701	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
553	14237	12/16/2015	2009	TYX	TYX-VERR-20151216	Light-Duty Vehicles and Trucks	3427701	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
547	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	10/30/2014	2014	22
548	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	11/22/2010	2010	25
549	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	11/22/2010	2010	25
550	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	11/22/2010	2010	25
551	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	11/22/2010	2010	25
552	tom.beierschmitt@toyota.com	Electrical, Mechanical and Cooling Systems	2/16/2010	2010	34
553	tom.beierschmitt@toyota.com	Electrical, Mechanical and Cooling Systems	2/16/2010	2010	34

	U
547	In these vehicles, Toyota has received some reports where vehicles may exhibit a brief intermittent shudder during torque converter flex lock up. This shudder may be observed while driving under light throttle conditions between approximately 25 ¿ 50 mph.
548	On 2004 through certain 2007 model year Prius vehicles, there is a possibility that the coil wire of the electric motor installed in the Water Pump for the Hybrid System might have been scratched during the coiling manufacturing process at the supplier. In this condition, the coil wire might corrode at the scratched portion and in some cases break. If this occurred, the water pump could stop, leading to the illumination of various warning lights in the instrument panel. There is also the potential that a short circuit could occur between adjacent coil wires, resulting in an open fuse for the electric power supply circuit. If the fuse is open, the hybrid system would stop while the vehicle was being driven, which may increase the risk of a crash.
549	On 2004 through certain 2007 model year Prius vehicles, there is a possibility that the coil wire of the electric motor installed in the Water Pump for the Hybrid System might have been scratched during the coiling manufacturing process at the supplier. In this condition, the coil wire might corrode at the scratched portion and in some cases break. If this occurred, the water pump could stop, leading to the illumination of various warning lights in the instrument panel. There is also the potential that a short circuit could occur between adjacent coil wires, resulting in an open fuse for the electric power supply circuit. If the fuse is open, the hybrid system would stop while the vehicle was being driven, which may increase the risk of a crash.
550	On 2004 through certain 2007 model year Prius vehicles, there is a possibility that the coil wire of the electric motor installed in the Water Pump for the Hybrid System might have been scratched during the coiling manufacturing process at the supplier. In this condition, the coil wire might corrode at the scratched portion and in some cases break. If this occurred, the water pump could stop, leading to the illumination of various warning lights in the instrument panel. There is also the potential that a short circuit could occur between adjacent coil wires, resulting in an open fuse for the electric power supply circuit. If the fuse is open, the hybrid system would stop while the vehicle was being driven, which may increase the risk of a crash.
551	On 2004 through certain 2007 model year Prius vehicles, there is a possibility that the coil wire of the electric motor installed in the Water Pump for the Hybrid System might have been scratched during the coiling manufacturing process at the supplier. In this condition, the coil wire might corrode at the scratched portion and in some cases break. If this occurred, the water pump could stop, leading to the illumination of various warning lights in the instrument panel. There is also the potential that a short circuit could occur between adjacent coil wires, resulting in an open fuse for the electric power supply circuit. If the fuse is open, the hybrid system would stop while the vehicle was being driven, which may increase the risk of a crash.
552	Toyota initiated a Safety Recall on certain MY Toyota and Lexus vehicles. The defect is the potential for an unsecured or incompatible driver¿s floor mat to interfere with the accelerator pedal and cause it to get stuck in the wide open position. A stuck open accelerator pedal may result in very high vehicle speeds and make it difficult to stop the vehicle, which could cause a crash, serious injury or death. In December of 2015, Toyota issued ¿Emissions Defect Information Report ¿TYX-DIR-20151216¿ on this concern.
553	Toyota initiated a Safety Recall on certain MY Toyota and Lexus vehicles. The defect is the potential for an unsecured or incompatible driver¿s floor mat to interfere with the accelerator pedal and cause it to get stuck in the wide open position. A stuck open accelerator pedal may result in very high vehicle speeds and make it difficult to stop the vehicle, which could cause a crash, serious injury or death. In December of 2015, Toyota issued ¿Emissions Defect Information Report ¿TYX-DIR-20151216¿ on this concern.

	V
547	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to Torque Converter Shudder. If the condition is verified, the vehicle will be repaired with a new torque converter, additional transmission pan magnets, and updated engine control software under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until April 30, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 8 years from the date of first use or 150,000 miles, whichever occurs first. Note: Owners of vehicles also covered by Limited Service Campaign (LSC) E03 for U760E Torque Converter Shudder must have the LSC performed prior to application of this Warranty Enhancement Program. Please see your local Toyota dealer for details.
548	Toyota dealers are requested to replace the HV Water Pump at no charge to the customer.
549	Toyota dealers are requested to replace the HV Water Pump at no charge to the customer.
550	Toyota dealers are requested to replace the HV Water Pump at no charge to the customer.
551	Toyota dealers are requested to replace the HV Water Pump at no charge to the customer.
552	To make it less likely that an unsecured or incompatible driver¿s floor mat can interfere with the accelerator pedal on the affected vehicles, any Toyota or Lexus dealer will remedy the vehicles at no charge. Since the remedy to each model differs, please refer to attached owner notification letters and letters to dealers for the de
553	To make it less likely that an unsecured or incompatible driver¿s floor mat can interfere with the accelerator pedal on the affected vehicles, any Toyota or Lexus dealer will remedy the vehicles at no charge. Since the remedy to each model differs, please refer to attached owner notification letters and letters to dealers for the de

	W
547	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
548	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
549	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
550	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
551	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
552	R.L. POLK and Toyota and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
553	R.L. POLK and Toyota and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
547	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
548	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
549	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
550	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
551	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
552	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
553	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.

	Y
547	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
548	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
549	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
550	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
551	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
552	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota and Lexus Campaign Procedure.
553	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota and Lexus Campaign Procedure.

	Z
547	Any authorized Toyota dealership.
548	Any authorized Toyota dealership.
549	Any authorized Toyota dealership.
550	Any authorized Toyota dealership.
551	Any authorized Toyota dealership.
552	Any Toyota or Lexus dealer will remedy the vehicles at no charge.
553	Any Toyota or Lexus dealer will remedy the vehicles at no charge.

	AA
547	Parts are available to address this campaign.
548	Parts are available for this campaign
549	Parts are available for this campaign
550	Parts are available for this campaign
551	Parts are available for this campaign
552	Parts are available for this concern.
553	Parts are available for this concern.

	AB
547	Toyota VERR letter 'TYX-VERR-20151111-22' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
548	Toyota VERR letter 'TYX-VERR-20151111-8' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
549	Toyota VERR letter 'TYX-VERR-20151111-8' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
550	Toyota VERR letter 'TYX-VERR-20151111-8' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
551	Toyota VERR letter 'TYX-VERR-20151111-8' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
552	Toyota VERR letter 'TYX-VERR-20151216' which contains dealer letters, sample owner letters, owner Q&A, and applicable technical service and/or repair instructions.
553	Toyota VERR letter 'TYX-VERR-20151216' which contains dealer letters, sample owner letters, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
547	No impact on fuel consumption.		4633
548	No impact on fuel consumption.		4634
549	No impact on fuel consumption.		4634
550	No impact on fuel consumption.		4634
551	No impact on fuel consumption.		4634
552	This repair will not affect fuel consumption.		4765
553	This repair will not affect fuel consumption.		4765

	AF	AG	AH	AI
547		1	N	N
548		1	N	N
549		1	N	N
550		1	N	N
551		1	N	N
552		1	N	N
553		1	N	N

	AJ	AK	AL	AM
547	N	Y	193899	No impact on driveability.
548	N	Y	193901	No impact on driveability.
549	N	Y	193901	No impact on driveability.
550	N	Y	193901	No impact on driveability.
551	N	Y	193901	No impact on driveability.
552	N	Y	199398	This repair will not affect driveability.
553	N	Y	199398	This repair will not affect driveability.

	AN	AO	AP	AQ	AR
547	No impact on safety.	N	4381	0	0027
548	No impact on safety.	N	4382	0	0021
549	No impact on safety.	N	4382	0	0021
550	No impact on safety.	N	4382	0	0021
551	No impact on safety.	N	4382	0	0021
552	This repair will not affect safety.	N	4550	0	0055
553	This repair will not affect safety.	N	4550	0	0055

	AS	AT	AU
547	N	11/30/2014	1
548	N	12/22/2010	1
549	N	12/22/2010	1
550	N	12/22/2010	1
551	N	12/22/2010	1
552	N	8/16/2010	1
553	N	8/16/2010	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
554	14237	12/16/2015	2008	TYX	TYX-VERR-20151216	Light-Duty Vehicles and Trucks	3427701	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
555	14237	12/16/2015	2007	TYX	TYX-VERR-20151216	Light-Duty Vehicles and Trucks	3427701	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
556	14237	12/16/2015	2006	TYX	TYX-VERR-20151216	Light-Duty Vehicles and Trucks	3427701	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
557	14237	12/16/2015	2005	TYX	TYX-VERR-20151216	Light-Duty Vehicles and Trucks	3427701	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
558	14237	12/16/2015	2011	TYX	TYX-VERR-20151216	Light-Duty Vehicles and Trucks	3427701	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
559	14276	1/5/2016	2016	VGA	VG-0004	Light-Duty Vehicles and Trucks	29441	Y					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208
560	14277	12/31/2015	2015	YMX	990102	Off-highway Motorcycles	800	Y					Mr Brad Franklin	brad_franklin@yamaha-motor.com	714-761-7842
561	14338	1/21/2016	2015	CRX	R42	Light-Duty Vehicles and Trucks	23552	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
562	14338	1/21/2016	2014	CRX	R42	Light-Duty Vehicles and Trucks	23552	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
563	14338	1/21/2016	2013	CRX	R42	Light-Duty Vehicles and Trucks	23552	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
564	14340	1/25/2016	2016	FMX	15E07	Light-Duty Vehicles and Trucks	192	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
565	14356	1/26/2016	2016	VGA	VG-0005	Light-Duty Vehicles and Trucks	27693	Y					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208
566	14436	2/5/2016	2005	CRX	X60	Light-Duty Vehicles and Trucks	191857	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
567	14436	2/5/2016	2004	CRX	X60	Light-Duty Vehicles and Trucks	191857	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
568	14437	2/5/2016	2015	CRX	R29	Light-Duty Vehicles and Trucks	1775	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
569	14437	2/5/2016	2014	CRX	R29	Light-Duty Vehicles and Trucks	1775	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
570	14437	2/5/2016	2013	CRX	R29	Light-Duty Vehicles and Trucks	1775	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469

	P	Q	R	S	T
554	tom.beierschmitt@toyota.com	Electrical, Mechanical and Cooling Systems	2/16/2010	2010	34
555	tom.beierschmitt@toyota.com	Electrical, Mechanical and Cooling Systems	2/16/2010	2010	34
556	tom.beierschmitt@toyota.com	Electrical, Mechanical and Cooling Systems	2/16/2010	2010	34
557	tom.beierschmitt@toyota.com	Electrical, Mechanical and Cooling Systems	2/16/2010	2010	34
558	tom.beierschmitt@toyota.com	Electrical, Mechanical and Cooling Systems	2/16/2010	2010	34
559		Emission Control Information Label	1/12/2016	2016	4
560	brad_franklin@yamaha-motor.com	Crankcase Ventilation Component/System	1/14/2016	2016	2
561	dennis.rakicki@fcagroup.com	Computer Related (Other than OBD)	1/15/2016	2016	1542
562	dennis.rakicki@fcagroup.com	Computer Related (Other than OBD)	1/15/2016	2016	1542
563	dennis.rakicki@fcagroup.com	Computer Related (Other than OBD)	1/15/2016	2016	1542
564		Computer Related (Other than OBD)	12/28/2015	2015	1507
565		On-Board Diagnostic (OBD) System	2/25/2016	2016	5
566	dennis.rakicki@fcagroup.com	Fuel Delivery System	1/22/2016	2016	60
567	dennis.rakicki@fcagroup.com	Fuel Delivery System	1/22/2016	2016	60
568	dennis.rakicki@fcagroup.com	Crankcase Ventilation Component/System	2/2/2016	2016	1529
569	dennis.rakicki@fcagroup.com	Crankcase Ventilation Component/System	2/2/2016	2016	1529
570	dennis.rakicki@fcagroup.com	Crankcase Ventilation Component/System	2/2/2016	2016	1529

	U
554	Toyota initiated a Safety Recall on certain MY Toyota and Lexus vehicles. The defect is the potential for an unsecured or incompatible driver¿s floor mat to interfere with the accelerator pedal and cause it to get stuck in the wide open position. A stuck open accelerator pedal may result in very high vehicle speeds and make it difficult to stop the vehicle, which could cause a crash, serious injury or death. In December of 2015, Toyota issued ¿Emissions Defect Information Report ¿TYX-DIR-20151216¿ on this concern.
555	Toyota initiated a Safety Recall on certain MY Toyota and Lexus vehicles. The defect is the potential for an unsecured or incompatible driver¿s floor mat to interfere with the accelerator pedal and cause it to get stuck in the wide open position. A stuck open accelerator pedal may result in very high vehicle speeds and make it difficult to stop the vehicle, which could cause a crash, serious injury or death. In December of 2015, Toyota issued ¿Emissions Defect Information Report ¿TYX-DIR-20151216¿ on this concern.
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559	Emission Control Label has been printed and installed with "AIR" coding which incorrectly indicates that this vehicle is equipped with a secondary air system. To correct this, a new label has been produced and the "AIR" code has been removed. An updated part number has been applied to this new Emissions Label. Production Part Number: 04E 010 005 D Replacement Number: 04E 010 005 H
560	Due to an improper manufacturing procedure, the crankcase breather hose fitting on the air-box may be obstructed. An obstructed fitting would prevent the engine crankcase breather system from functioning.
561	Some 2013-2015 MY Dodge Dart vehicles may experience failure of the transmission control module internal solder joint(s), which may result in a transmission shift to neutral event (loss of motive power).
562	Some 2013-2015 MY Dodge Dart vehicles may experience failure of the transmission control module internal solder joint(s), which may result in a transmission shift to neutral event (loss of motive power).
563	Some 2013-2015 MY Dodge Dart vehicles may experience failure of the transmission control module internal solder joint(s), which may result in a transmission shift to neutral event (loss of motive power).
564	Some 2016 model year C-Max hybrid vehicles were built with the incorrect calibration loaded into the powertrain control module, due to a releasing error. Vehicles built in the GFMXV02.0VZN test group were programmed with the calibration intended for the GFMXV02.0VZS test group. And conversely, vehicles built in the GFMXV
565	Condition observed: Due to the sequence of events when starting the vehicle, a software communication error can occur between the vehicle's ECM and the Instrument Cluster Module. As a result, the electronic VIN cannot be displayed or accessed when using a generic diagnostic scan tool. This condition can be temporarily eliminated by switching ignition-switch off and immediately on again, after the initial fault occurs. This concern was originally found during Massachusetts State I/M Emissions Inspection testing. The California Air Resource Board has been notified by Massachusetts Agencies regarding any possible effect on OBD communication. The California ARB staff in turn contacted VWGoA to determine a service fix. Part numbers involved: Instrument Cluster 5C6 920 954 B Production ECM Software: 04E 906 023 P Version 1571 (Automatic Transmission) 04E 906 023 N Version 1599 (Manual Transmission) Updated ECM Software: 04E 906 023 AQ Version 2954 (Automatic Transmission) 04E 906 023 AP Version 2953 (Manual Transmission)
566	Some 2003 to 2007 Model Year Dodge Caravan/Grand Caravan and Chrysler Voyager/Town & Country vehicles may experience an engine stall after refueling. This condition is caused when the fuel shut off float in the multifunction control valve swells and gets stuck allowing fuel into the vapor purge lines during refueling. Fu
567	Some 2003 to 2007 Model Year Dodge Caravan/Grand Caravan and Chrysler Voyager/Town & Country vehicles may experience an engine stall after refueling. This condition is caused when the fuel shut off float in the multifunction control valve swells and gets stuck allowing fuel into the vapor purge lines during refueling. Fu
568	Some 2013-2015 MY Dodge Viper vehicles with an 8.4L engine may experience high levels of oil consumption due to oil being pushed out of the engine through the make up air hose when the engine is under high lateral g-loads at high engine RPM's and low throttle.
569	Some 2013-2015 MY Dodge Viper vehicles with an 8.4L engine may experience high levels of oil consumption due to oil being pushed out of the engine through the make up air hose when the engine is under high lateral g-loads at high engine RPM's and low throttle.
570	Some 2013-2015 MY Dodge Viper vehicles with an 8.4L engine may experience high levels of oil consumption due to oil being pushed out of the engine through the make up air hose when the engine is under high lateral g-loads at high engine RPM's and low throttle.

	V
554	To make it less likely that an unsecured or incompatible driver¿s floor mat can interfere with the accelerator pedal on the affected vehicles, any Toyota or Lexus dealer will remedy the vehicles at no charge. Since the remedy to each model differs, please refer to attached owner notification letters and letters to dealers for the de
555	To make it less likely that an unsecured or incompatible driver¿s floor mat can interfere with the accelerator pedal on the affected vehicles, any Toyota or Lexus dealer will remedy the vehicles at no charge. Since the remedy to each model differs, please refer to attached owner notification letters and letters to dealers for the de
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558	To make it less likely that an unsecured or incompatible driver¿s floor mat can interfere with the accelerator pedal on the affected vehicles, any Toyota or Lexus dealer will remedy the vehicles at no charge. Since the remedy to each model differs, please refer to attached owner notification letters and letters to dealers for the de
559	Install applicable emissions labels via Service Action with customer notification.
560	Affected motorcycles must have the crankcase breather fitting on the air-box inspected and, if necessary, drilled through for proper crankcase breather function.
561	FCA US LLC will conduct an emission related Voluntary Safety Recall (R42) on all affected vehicles, to replace the transmission control module and its mounting bracket.
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563	FCA US LLC will conduct an emission related Voluntary Safety Recall (R42) on all affected vehicles, to replace the transmission control module and its mounting bracket.
564	Vehicles will have their PCM updated with the correct calibration to match the test group into which each vehicle was built.
565	Updated ECM software will be released to dealer network via an Emissions Recall (24CG) in conjunction with Service Action 01B2 which references the correction of the Emission Label. Update ECM software to address this condition as well as other customer satisfaction issues: - Drivability at high altitude (adjustment of fuel system pressure) - Software correction to accommodate engine block heater option
566	FCA US will offer an extended lifetime warranty (X60) for repairs on vehicles built during built from September 1, 2003 to March 31, 2004 time period.
567	FCA US will offer an extended lifetime warranty (X60) for repairs on vehicles built during built from September 1, 2003 to March 31, 2004 time period.
568	FCA US LLC will conduct an emission related Customer Satisfaction Notice (R29) on all affected vehicles, to replace the left hand valve cover assembly with revised make up air fitting location and new baffle, left hand coil cover, and make up air hose.
569	FCA US LLC will conduct an emission related Customer Satisfaction Notice (R29) on all affected vehicles, to replace the left hand valve cover assembly with revised make up air fitting location and new baffle, left hand coil cover, and make up air hose.
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	W
554	R.L. POLK and Toyota and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
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558	R.L. POLK and Toyota and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
559	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
560	Yamaha will be using it's internal warranty/vehicle registration database to determine the name and addresses of affected vehicle owners.
561	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
562	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
563	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
564	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
565	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
566	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
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	X
554	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
555	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
556	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
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558	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
559	There are no maintenance or eligibility requirements.
560	Although only a limited number of vehicles are affected, out of an abundance of caution, Yamaha is instructing dealers to inspect all 2015 TTR230 off-road motorcycles, approximately 800 units in the affected range, and repair those found out of compliance.
561	None.
562	None.
563	None.
564	Eligibility for this program is not conditioned upon proper maintenance or use.
565	There are no maintenance or eligibility requirements.
566	None.
567	None.
568	None.
569	None.
570	None.

	Y
554	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota and Lexus Campaign Procedure.
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558	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota and Lexus Campaign Procedure.
559	Customers are asked to take their vehicle to an authorized dealer of the manufacturer to have them install the label as needed, with no additional cost. Affected Volkswagen owners will be mailed a notification of recall on or about January 12th, 2016. Enclosed are examples of Dealer Circulars and Customer Letters
560	Affected vehicle owners will be notified of this recall by letter, first class US mail, from Yamaha. The letter will instruct the owners to make an appointment with their Yamaha Motorcycle dealer to have the vehicle inspected and if necessary repaired.
561	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
562	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
563	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
564	See Owner Notification Letter.
565	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this recall on or about (Date is TDB). Affected Volkswagen & Audi owners will be mailed a notification regarding this recall on or about (Date is TDB). Enclosed are examples of Service Circulars and Customer Letters.
566	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
567	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
568	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
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570	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.

	Z
554	Any Toyota or Lexus dealer will remedy the vehicles at no charge.
555	Any Toyota or Lexus dealer will remedy the vehicles at no charge.
556	Any Toyota or Lexus dealer will remedy the vehicles at no charge.
557	Any Toyota or Lexus dealer will remedy the vehicles at no charge.
558	Any Toyota or Lexus dealer will remedy the vehicles at no charge.
559	It is anticipated that all affected vehicles repaired within this campaign will be remedied by authorized dealers of the manufacturer.
560	Only authorized Yamaha motorcycle dealers will perform this inspection and any necessary repairs.
561	None.
562	None.
563	None.
564	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
565	it is anticipated that all affected vehicles repaired within this campaign will be remedied by authorized dealers of the manufacturer.
566	None.
567	None.
568	None.
569	None.
570	None.

	AA
554	Parts are available for this concern.
555	Parts are available for this concern.
556	Parts are available for this concern.
557	Parts are available for this concern.
558	Parts are available for this concern.
559	A supply of labels will be sent to dealers with affected inventory prior to launch. Additional labels can be ordered through the Compliance Label Ordering Portal on vwhub.com.
560	No parts are required, only inspection and modification.
561	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
562	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
563	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
564	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
565	This action contains a software update only, therefore there are no parts allocation.
566	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
567	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
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	AB
554	Toyota VERR letter 'TYX-VERR-20151216' which contains dealer letters, sample owner letters, owner Q&A, and applicable technical service and/or repair instructions.
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559	Forwarding Letter - CBI
560	Please note that attached document includes (1) the owners notification letter, draft. (2) the dealer notification letter, draft. and (3) the service bulletin containing the service procedures, draft for this project.
561	
562	
563	
564	
565	Forwarding Letter - CBI
566	No progress report will be submitted, as 100% of the vehicle owners will receive an extended warranty.
567	No progress report will be submitted, as 100% of the vehicle owners will receive an extended warranty.
568	
569	
570	

	AC	AD	AE
554	This repair will not affect fuel consumption.		4765
555	This repair will not affect fuel consumption.		4765
556	This repair will not affect fuel consumption.		4765
557	This repair will not affect fuel consumption.		4765
558	This repair will not affect fuel consumption.		4765
559	Not applicable		4805
560	None		4806
561	None.		4825
562	None.		4825
563	None.		4825
564	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4845
565	Not applicable		4865
566	None.		4885
567	None.		4885
568	None.		4886
569	None.		4886
570	None.		4886

	AF	AG	AH	AI
554		1	N	N
555		1	N	N
556		1	N	N
557		1	N	N
558		1	N	N
559		2	Y	N
560		1	Y	Y
561		2	Y	N
562		2	Y	N
563		2	Y	N
564		3	Y	Y
565		3	Y	N
566		2	Y	N
567		2	Y	N
568		2	Y	N
569		2	Y	N
570		2	Y	N

	AJ	AK	AL	AM
554	N	Y	199398	This repair will not affect driveability.
555	N	Y	199398	This repair will not affect driveability.
556	N	Y	199398	This repair will not affect driveability.
557	N	Y	199398	This repair will not affect driveability.
558	N	Y	199398	This repair will not affect driveability.
559	N	Y	200768	Not applicable
560	N	N	200806	None
561	N	N	201834	None.
562	N	N	201834	None.
563	N	N	201834	None.
564	N	N	202106	Ford engineering judgment indicates that the corrective action should not affect drivability.
565	N	Y	202266	Not applicable
566	N	N	203322	None.
567	N	N	203322	None.
568	N	N	203328	None.
569	N	N	203328	None.
570	N	N	203328	None.

	AN	AO	AP	AQ	AR
554	This repair will not affect safety.	N	4550	0	0055
555	This repair will not affect safety.	N	4550	0	0055
556	This repair will not affect safety.	N	4550	0	0055
557	This repair will not affect safety.	N	4550	0	0055
558	This repair will not affect safety.	N	4550	0	0055
559	Not applicable	N	4590	0	0006
560	None	Y	4591	0	1011
561	None.	N	4610	0	1518
562	None.	N	4610	0	1518
563	None.	N	4610	0	1518
564	Ford engineering judgement indicates that the corrective action should not affect safety.	N	4630	0	1514
565	Not applicable	N	4650	0	0008
566	None.	N	4670	0	1503
567	None.	N	4670	0	1503
568	None.	N	4671	0	1522
569	None.	N	4671	0	1522
570	None.	N	4671	0	1522

	AS	AT	AU
554	N	8/16/2010	1
555	N	8/16/2010	1
556	N	8/16/2010	1
557	N	8/16/2010	1
558	N	8/16/2010	1
559	N	1/13/2016	1
560	Y	1/19/2016	1
561	Y	1/16/2016	1
562	Y	1/16/2016	1
563	Y	1/16/2016	1
564	Y		1
565	Y	2/26/2016	1
566	Y	1/27/2016	1
567	Y	1/27/2016	1
568	Y	2/3/2016	1
569	Y	2/3/2016	1
570	Y	2/3/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
571	14030	11/11/2015	2012	TYX	TYX-VERR-20151111-13	Light-Duty Vehicles and Trucks	41686	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
572	14030	11/11/2015	2011	TYX	TYX-VERR-20151111-13	Light-Duty Vehicles and Trucks	41686	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
573	14031	11/11/2015	2010	TYX	TYX-VERR-20151111-24	Light-Duty Vehicles and Trucks	447300	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
574	14031	11/11/2015	2008	TYX	TYX-VERR-20151111-24	Light-Duty Vehicles and Trucks	447300	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
575	14031	11/11/2015	2007	TYX	TYX-VERR-20151111-24	Light-Duty Vehicles and Trucks	447300	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
576	14032	11/11/2015	2012	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
577	14032	11/11/2015	2011	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
571	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	4/24/2012	2012	16
572	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	4/24/2012	2012	16
573	tom.beierschmitt@tema.toyota.com	Secondary Air System	10/19/2011	2011	24
574	tom.beierschmitt@tema.toyota.com	Secondary Air System	10/19/2011	2011	24
575	tom.beierschmitt@tema.toyota.com	Secondary Air System	10/19/2011	2011	24
576	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23
577	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23

	U
571	There is a possibility that the exhaust gas control actuator may develop a coolant leak. If a coolant leak occurs, the Water Temp Indicator Lamp and Check Engine Lamp will illuminate. If the above warning lamps illuminate, the driver should pull over, and contact an authorized Lexus or Toyota dealer for diagnosis and repair. Continued operation of the vehicle with insufficient levels of coolant will cause the engine to overheat.
572	There is a possibility that the exhaust gas control actuator may develop a coolant leak. If a coolant leak occurs, the Water Temp Indicator Lamp and Check Engine Lamp will illuminate. If the above warning lamps illuminate, the driver should pull over, and contact an authorized Lexus or Toyota dealer for diagnosis and repair. Continued operation of the vehicle with insufficient levels of coolant will cause the engine to overheat.
573	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light, or MIL) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves in the engines of a number of these vehicles.
574	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light, or MIL) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves in the engines of a number of these vehicles.
575	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light, or MIL) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves in the engines of a number of these vehicles.
576	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.
577	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.

	V
571	Dealers are requested to replace the exhaust gas control actuator at no charge to the customer.
572	Dealers are requested to replace the exhaust gas control actuator at no charge to the customer.
573	The Air Injection Pumps and Air Switching Valves are covered by Toyota¿s New Vehicle Limited Powertrain Warranty for 5 years or 60,000 miles (whichever comes first) and by the California Emission Warranty for 7 years or 70,000 miles (whichever comes first). The Warranty Coverage Extension (CSP) for the Air Injection Pumps and Air Switching Valves for the condition described above will extend the warranty coverage to 10 years from the date of first use or 150,000 miles, whichever comes first. If the condition is verified, the dealer will replace the Air Injection Pumps and Air Switching Valves under the terms of this CSP.
574	The Air Injection Pumps and Air Switching Valves are covered by Toyota¿s New Vehicle Limited Powertrain Warranty for 5 years or 60,000 miles (whichever comes first) and by the California Emission Warranty for 7 years or 70,000 miles (whichever comes first). The Warranty Coverage Extension (CSP) for the Air Injection Pumps and Air Switching Valves for the condition described above will extend the warranty coverage to 10 years from the date of first use or 150,000 miles, whichever comes first. If the condition is verified, the dealer will replace the Air Injection Pumps and Air Switching Valves under the terms of this CSP.
575	The Air Injection Pumps and Air Switching Valves are covered by Toyota¿s New Vehicle Limited Powertrain Warranty for 5 years or 60,000 miles (whichever comes first) and by the California Emission Warranty for 7 years or 70,000 miles (whichever comes first). The Warranty Coverage Extension (CSP) for the Air Injection Pumps and Air Switching Valves for the condition described above will extend the warranty coverage to 10 years from the date of first use or 150,000 miles, whichever comes first. If the condition is verified, the dealer will replace the Air Injection Pumps and Air Switching Valves under the terms of this CSP.
576	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
577	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.

	W
571	R.L. POLK and Toyota and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
572	R.L. POLK and Toyota and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
573	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
574	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
575	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
576	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
577	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
571	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
572	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
573	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
574	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
575	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
576	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
577	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior

	Y
571	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota and Lexus dealer for the repair in accordance with the published Toyota and Lexus Campaign Procedure.
572	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota and Lexus dealer for the repair in accordance with the published Toyota and Lexus Campaign Procedure.
573	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
574	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
575	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
576	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota, Scion or Lexus dealer for the repair in accordance with the published Toyota, Scion and Lexus Campaig
577	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota, Scion or Lexus dealer for the repair in accordance with the published Toyota, Scion and Lexus Campaig

	Z
571	Any authorized Toyota or Lexus dealership.
572	Any authorized Toyota or Lexus dealership.
573	Any authorized Toyota dealership.
574	Any authorized Toyota dealership.
575	Any authorized Toyota dealership.
576	Any authorized Toyota, Scion or Lexus dealership.
577	Any authorized Toyota, Scion or Lexus dealership.

	AA
571	Parts are available for this campaign.
572	Parts are available for this campaign.
573	Parts are available for this extended warranty campaign.
574	Parts are available for this extended warranty campaign.
575	Parts are available for this extended warranty campaign.
576	Parts are available for this extended warranty campaign.
577	Parts are available for this extended warranty campaign.

	AB
571	Toyota VERR letter 'TYX-VERR-20151111-13' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
572	Toyota VERR letter 'TYX-VERR-20151111-13' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
573	Toyota VERR letter 'TYX-VERR-20151111-24' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
574	Toyota VERR letter 'TYX-VERR-20151111-24' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
575	Toyota VERR letter 'TYX-VERR-20151111-24' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
576	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
577	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
571	No impact on fuel consumption.		4639
572	No impact on fuel consumption.		4639
573	No impact on fuel consumption.		4640
574	No impact on fuel consumption.		4640
575	No impact on fuel consumption.		4640
576	No impact on fuel consumption.		4641
577	No impact on fuel consumption.		4641

	AF	AG	AH	AI
571		1	N	N
572		1	N	N
573		1	N	N
574		1	N	N
575		1	N	N
576		1	N	N
577		1	N	N

	AJ	AK	AL	AM
571	N	Y	194066	No impact on driveability.
572	N	Y	194066	No impact on driveability.
573	N	Y	194096	No impact on driveability.
574	N	Y	194096	No impact on driveability.
575	N	Y	194096	No impact on driveability.
576	N	Y	194104	No impact on driveability.
577	N	Y	194104	No impact on driveability.

	AN	AO	AP	AQ	AR
571	No impact on safety.	N	4387	0	0018
572	No impact on safety.	N	4387	0	0018
573	No impact on safety.	N	4388	0	0712
574	No impact on safety.	N	4388	0	0712
575	No impact on safety.	N	4388	0	0712
576	No impact on safety.	N	4389	0	0028
577	No impact on safety.	N	4389	0	0028

	AS	AT	AU
571	N	5/24/2012	1
572	N	5/24/2012	1
573	N	11/19/2011	1
574	N	11/19/2011	1
575	N	11/19/2011	1
576	N	1/16/2015	1
577	N	1/16/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
578	14032	11/11/2015	2010	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
579	14032	11/11/2015	2015	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
580	14032	11/11/2015	2014	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
581	14032	11/11/2015	2013	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
582	14032	11/11/2015	2009	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
583	14032	11/11/2015	2008	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
578	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23
579	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23
580	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23
581	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23
582	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23
583	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23

	U
578	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.
579	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.
580	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.
581	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.
582	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.
583	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.

	V
578	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
579	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
580	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
581	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
582	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
583	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.

	W
578	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
579	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
580	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
581	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
582	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
583	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
578	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
579	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
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	Y
578	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota, Scion or Lexus dealer for the repair in accordance with the published Toyota, Scion and Lexus Campaig
579	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota, Scion or Lexus dealer for the repair in accordance with the published Toyota, Scion and Lexus Campaig
580	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota, Scion or Lexus dealer for the repair in accordance with the published Toyota, Scion and Lexus Campaig
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	Z
578	Any authorized Toyota, Scion or Lexus dealership.
579	Any authorized Toyota, Scion or Lexus dealership.
580	Any authorized Toyota, Scion or Lexus dealership.
581	Any authorized Toyota, Scion or Lexus dealership.
582	Any authorized Toyota, Scion or Lexus dealership.
583	Any authorized Toyota, Scion or Lexus dealership.

	AA
578	Parts are available for this extended warranty campaign.
579	Parts are available for this extended warranty campaign.
580	Parts are available for this extended warranty campaign.
581	Parts are available for this extended warranty campaign.
582	Parts are available for this extended warranty campaign.
583	Parts are available for this extended warranty campaign.

	AB
578	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
579	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
580	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
581	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
582	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
583	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
578	No impact on fuel consumption.		4641
579	No impact on fuel consumption.		4641
580	No impact on fuel consumption.		4641
581	No impact on fuel consumption.		4641
582	No impact on fuel consumption.		4641
583	No impact on fuel consumption.		4641

	AF	AG	AH	AI
578		1	N	N
579		1	N	N
580		1	N	N
581		1	N	N
582		1	N	N
583		1	N	N

	AJ	AK	AL	AM
578	N	Y	194104	No impact on driveability.
579	N	Y	194104	No impact on driveability.
580	N	Y	194104	No impact on driveability.
581	N	Y	194104	No impact on driveability.
582	N	Y	194104	No impact on driveability.
583	N	Y	194104	No impact on driveability.

	AN	AO	AP	AQ	AR
578	No impact on safety.	N	4389	0	0028
579	No impact on safety.	N	4389	0	0028
580	No impact on safety.	N	4389	0	0028
581	No impact on safety.	N	4389	0	0028
582	No impact on safety.	N	4389	0	0028
583	No impact on safety.	N	4389	0	0028

	AS	AT	AU
578	N	1/16/2015	1
579	N	1/16/2015	1
580	N	1/16/2015	1
581	N	1/16/2015	1
582	N	1/16/2015	1
583	N	1/16/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
584	14032	11/11/2015	2007	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
585	14032	11/11/2015	2006	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
586	14128	12/11/2015	2011	JLX	J056_VERR	Light-Duty Vehicles and Trucks	19269	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139
587	14128	12/11/2015	2010	JLX	J056_VERR	Light-Duty Vehicles and Trucks	19269	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139
588	14257	12/25/2015	2015	TKX	1008	Light-Duty Vehicles and Trucks	225030	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
589	14257	12/25/2015	2014	TKX	1008	Light-Duty Vehicles and Trucks	225030	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
590	14257	12/25/2015	2016	TKX	1008	Light-Duty Vehicles and Trucks	225030	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
591	14257	12/25/2015	2013	TKX	1008	Light-Duty Vehicles and Trucks	225030	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
592	14278	1/6/2016	2015	CRX	R61	Light-Duty Vehicles and Trucks	274593	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
593	14278	1/6/2016	2014	CRX	R61	Light-Duty Vehicles and Trucks	274593	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
594	14278	1/6/2016	2013	CRX	R61	Light-Duty Vehicles and Trucks	274593	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
595	14278	1/6/2016	2012	CRX	R61	Light-Duty Vehicles and Trucks	274593	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
596	14279	1/6/2016	2009	YMX	990103	Marine Spark-Ignition Engines	3165	Y					Mr Brad Franklin	brad_franklin@yamaha-motor.com	714-761-7842
597	14279	1/6/2016	2013	YMX	990103	Marine Spark-Ignition Engines	3165	Y					Mr Brad Franklin	brad_franklin@yamaha-motor.com	714-761-7842
598	14279	1/6/2016	2012	YMX	990103	Marine Spark-Ignition Engines	3165	Y					Mr Brad Franklin	brad_franklin@yamaha-motor.com	714-761-7842
599	14279	1/6/2016	2011	YMX	990103	Marine Spark-Ignition Engines	3165	Y					Mr Brad Franklin	brad_franklin@yamaha-motor.com	714-761-7842
600	14279	1/6/2016	2010	YMX	990103	Marine Spark-Ignition Engines	3165	Y					Mr Brad Franklin	brad_franklin@yamaha-motor.com	714-761-7842

	P	Q	R	S	T
584	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23
585	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23
586		On-Board Diagnostic (OBD) System	12/9/2015	2015	4
587		On-Board Diagnostic (OBD) System	12/9/2015	2015	4
588		On-Board Diagnostic (OBD) System	1/18/2016	2016	1008
589		On-Board Diagnostic (OBD) System	1/18/2016	2016	1008
590		On-Board Diagnostic (OBD) System	1/18/2016	2016	1008
591		On-Board Diagnostic (OBD) System	1/18/2016	2016	1008
592	mark.finsterwald@fcagroup.com	Monitoring/Measuring Sensor/System	12/18/2015	2015	1561
593	mark.finsterwald@fcagroup.com	Monitoring/Measuring Sensor/System	12/18/2015	2015	1561
594	mark.finsterwald@fcagroup.com	Monitoring/Measuring Sensor/System	12/18/2015	2015	1561
595	mark.finsterwald@fcagroup.com	Monitoring/Measuring Sensor/System	12/18/2015	2015	1561
596	brad_franklin@yamaha-motor.com	Fuel Delivery System	1/15/2016	2016	3
597	brad_franklin@yamaha-motor.com	Fuel Delivery System	1/15/2016	2016	3
598	brad_franklin@yamaha-motor.com	Fuel Delivery System	1/15/2016	2016	3
599	brad_franklin@yamaha-motor.com	Fuel Delivery System	1/15/2016	2016	3
600	brad_franklin@yamaha-motor.com	Fuel Delivery System	1/15/2016	2016	3

	U
584	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.
585	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.
586	This recall (J056) restores the Vehicle Identification Number (VIN) in the Engine Control Module (ECM) of 2010 and 2011 model year vehicles whose VIN data may have been inadvertently erased as a result of a deficient procedure in the software, which was initially published for recall J038. A corrected procedure was eventually p
587	This recall (J056) restores the Vehicle Identification Number (VIN) in the Engine Control Module (ECM) of 2010 and 2011 model year vehicles whose VIN data may have been inadvertently erased as a result of a deficient procedure in the software, which was initially published for recall J038. A corrected procedure was eventually p
588	The PCM(Powertrain control module) monitors a change of crank angle speed in order to detect misfire. However, the impact of fluctuations that occur in cold weather, high engine speed and load is not correctly accounted for in the program for detecting misfire. As a result, the PCM may erroneously detect a misfire despite normal combustion, resulting in illumination of MIL (Malfunction Indicator Light) and activation of a fail safe mode (speed/power reduction). Mazda plans to conduct an emission recall campaign in January, 2016. Upon repair, the PCM is reprogrammed with modified software.
589	The PCM(Powertrain control module) monitors a change of crank angle speed in order to detect misfire. However, the impact of fluctuations that occur in cold weather, high engine speed and load is not correctly accounted for in the program for detecting misfire. As a result, the PCM may erroneously detect a misfire despite normal combustion, resulting in illumination of MIL (Malfunction Indicator Light) and activation of a fail safe mode (speed/power reduction). Mazda plans to conduct an emission recall campaign in January, 2016. Upon repair, the PCM is reprogrammed with modified software.
590	The PCM(Powertrain control module) monitors a change of crank angle speed in order to detect misfire. However, the impact of fluctuations that occur in cold weather, high engine speed and load is not correctly accounted for in the program for detecting misfire. As a result, the PCM may erroneously detect a misfire despite normal combustion, resulting in illumination of MIL (Malfunction Indicator Light) and activation of a fail safe mode (speed/power reduction). Mazda plans to conduct an emission recall campaign in January, 2016. Upon repair, the PCM is reprogrammed with modified software.
591	The PCM(Powertrain control module) monitors a change of crank angle speed in order to detect misfire. However, the impact of fluctuations that occur in cold weather, high engine speed and load is not correctly accounted for in the program for detecting misfire. As a result, the PCM may erroneously detect a misfire despite normal combustion, resulting in illumination of MIL (Malfunction Indicator Light) and activation of a fail safe mode (speed/power reduction). Mazda plans to conduct an emission recall campaign in January, 2016. Upon repair, the PCM is reprogrammed with modified software.
592	Some 2012-2015 Dodge Journey vehicles may experience water wicking through the wire harness to the Anti-lock Brake System (ABS) module, which may result in disabling the ABS and/or Electronic Stability Control (ESC) systems. The Malfunction Indicator Lamp (MIL) is illuminated.
593	Some 2012-2015 Dodge Journey vehicles may experience water wicking through the wire harness to the Anti-lock Brake System (ABS) module, which may result in disabling the ABS and/or Electronic Stability Control (ESC) systems. The Malfunction Indicator Lamp (MIL) is illuminated.
594	Some 2012-2015 Dodge Journey vehicles may experience water wicking through the wire harness to the Anti-lock Brake System (ABS) module, which may result in disabling the ABS and/or Electronic Stability Control (ESC) systems. The Malfunction Indicator Lamp (MIL) is illuminated.
595	Some 2012-2015 Dodge Journey vehicles may experience water wicking through the wire harness to the Anti-lock Brake System (ABS) module, which may result in disabling the ABS and/or Electronic Stability Control (ESC) systems. The Malfunction Indicator Lamp (MIL) is illuminated.
596	A defect (nonconformity) which relates to evaporative emission regulations exists in some primer pump (bulb) assemblies that were included in the remote oil tank kits for two¿stroke Z150/ Z175 / Z200 / (L)Z200 / VZ200 / VZ225 / VZ250 / VZ300 outboard motor models and also available separately for rigging
597	A defect (nonconformity) which relates to evaporative emission regulations exists in some primer pump (bulb) assemblies that were included in the remote oil tank kits for two¿stroke Z150/ Z175 / Z200 / (L)Z200 / VZ200 / VZ225 / VZ250 / VZ300 outboard motor models and also available separately for rigging
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	V
584	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
585	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
586	Update the ECM of affected vehicles with vehicle VIN data. For additional details, please refer to the related Technical Bulletin No. J056NAS1.
587	Update the ECM of affected vehicles with vehicle VIN data. For additional details, please refer to the related Technical Bulletin No. J056NAS1.
588	The PCM will be reprogrammed with modified software.
589	The PCM will be reprogrammed with modified software.
590	The PCM will be reprogrammed with modified software.
591	The PCM will be reprogrammed with modified software.
592	FCA US will conduct an emission-related voluntary Safety Recall (R61) on all affected vehicles, to seal the ground eyelets with dual wall heat shrink, replace the Headlamp and Dash Wiring Harness as required, and replace the ABS Module as necessary.
593	FCA US will conduct an emission-related voluntary Safety Recall (R61) on all affected vehicles, to seal the ground eyelets with dual wall heat shrink, replace the Headlamp and Dash Wiring Harness as required, and replace the ABS Module as necessary.
594	FCA US will conduct an emission-related voluntary Safety Recall (R61) on all affected vehicles, to seal the ground eyelets with dual wall heat shrink, replace the Headlamp and Dash Wiring Harness as required, and replace the ABS Module as necessary.
595	FCA US will conduct an emission-related voluntary Safety Recall (R61) on all affected vehicles, to seal the ground eyelets with dual wall heat shrink, replace the Headlamp and Dash Wiring Harness as required, and replace the ABS Module as necessary.
596	Affected remote oil tanks must have the primer pump inspected and, if necessary, replaced along with the oil hose and hose clamp.
597	Affected remote oil tanks must have the primer pump inspected and, if necessary, replaced along with the oil hose and hose clamp.
598	Affected remote oil tanks must have the primer pump inspected and, if necessary, replaced along with the oil hose and hose clamp.
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600	Affected remote oil tanks must have the primer pump inspected and, if necessary, replaced along with the oil hose and hose clamp.

	W
584	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
585	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
586	Jaguar Land Rover North America, LLC has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
587	Jaguar Land Rover North America, LLC has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
588	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
589	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
590	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
591	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
592	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
593	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
594	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
595	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
596	Yamaha will be using it's internal warranty/unit registration database to determine the name and address of affected unit owners.
597	Yamaha will be using it's internal warranty/unit registration database to determine the name and address of affected unit owners.
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600	Yamaha will be using it's internal warranty/unit registration database to determine the name and address of affected unit owners.

	X
584	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
585	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
586	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
587	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
588	There will be no restrictions on eligibility.
589	There will be no restrictions on eligibility.
590	There will be no restrictions on eligibility.
591	There will be no restrictions on eligibility.
592	None.
593	None.
594	None.
595	None.
596	Although only a very limited number of units could be affected by this issue, out of an abundance of caution, Yamaha is instructing marine dealers to inspect all potential affected outboard engines, approximately 3,100 units in the affected range, and repair those found to be using non compliant primer pumps.
597	Although only a very limited number of units could be affected by this issue, out of an abundance of caution, Yamaha is instructing marine dealers to inspect all potential affected outboard engines, approximately 3,100 units in the affected range, and repair those found to be using non compliant primer pumps.
598	Although only a very limited number of units could be affected by this issue, out of an abundance of caution, Yamaha is instructing marine dealers to inspect all potential affected outboard engines, approximately 3,100 units in the affected range, and repair those found to be using non compliant primer pumps.
599	Although only a very limited number of units could be affected by this issue, out of an abundance of caution, Yamaha is instructing marine dealers to inspect all potential affected outboard engines, approximately 3,100 units in the affected range, and repair those found to be using non compliant primer pumps.
600	Although only a very limited number of units could be affected by this issue, out of an abundance of caution, Yamaha is instructing marine dealers to inspect all potential affected outboard engines, approximately 3,100 units in the affected range, and repair those found to be using non compliant primer pumps.

	Y
584	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota, Scion or Lexus dealer for the repair in accordance with the published Toyota, Scion and Lexus Campaig
585	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota, Scion or Lexus dealer for the repair in accordance with the published Toyota, Scion and Lexus Campaig
586	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
587	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
588	As all Mazda dealers was provided with instructions prior to sending the owner notification letter. Owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealers.
589	As all Mazda dealers was provided with instructions prior to sending the owner notification letter. Owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealers.
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591	As all Mazda dealers was provided with instructions prior to sending the owner notification letter. Owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealers.
592	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
593	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
594	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
595	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
596	Affected outboard engines owners will be notified ofthis recall by letter, first class US mail, from Yamaha. The letter will instruct owners to make an appointment with their Yamaha marine dealer to have the product inspected and if necessary replace the non-compliant primer pump with one that is compliant.
597	Affected outboard engines owners will be notified ofthis recall by letter, first class US mail, from Yamaha. The letter will instruct owners to make an appointment with their Yamaha marine dealer to have the product inspected and if necessary replace the non-compliant primer pump with one that is compliant.
598	Affected outboard engines owners will be notified ofthis recall by letter, first class US mail, from Yamaha. The letter will instruct owners to make an appointment with their Yamaha marine dealer to have the product inspected and if necessary replace the non-compliant primer pump with one that is compliant.
599	Affected outboard engines owners will be notified ofthis recall by letter, first class US mail, from Yamaha. The letter will instruct owners to make an appointment with their Yamaha marine dealer to have the product inspected and if necessary replace the non-compliant primer pump with one that is compliant.
600	Affected outboard engines owners will be notified ofthis recall by letter, first class US mail, from Yamaha. The letter will instruct owners to make an appointment with their Yamaha marine dealer to have the product inspected and if necessary replace the non-compliant primer pump with one that is compliant.

	Z
584	Any authorized Toyota, Scion or Lexus dealership.
585	Any authorized Toyota, Scion or Lexus dealership.
586	All required repairs will be performed by Jaguar dealers.
587	All required repairs will be performed by Jaguar dealers.
588	Repair work will be performed only by authorized Mazda dealers.
589	Repair work will be performed only by authorized Mazda dealers.
590	Repair work will be performed only by authorized Mazda dealers.
591	Repair work will be performed only by authorized Mazda dealers.
592	None.
593	None.
594	None.
595	None.
596	Only authorized Yamaha marine dealers will perform this inspection and will make corrective actions as nesessary.
597	Only authorized Yamaha marine dealers will perform this inspection and will make corrective actions as nesessary.
598	Only authorized Yamaha marine dealers will perform this inspection and will make corrective actions as nesessary.
599	Only authorized Yamaha marine dealers will perform this inspection and will make corrective actions as nesessary.
600	Only authorized Yamaha marine dealers will perform this inspection and will make corrective actions as nesessary.

	AA
584	Parts are available for this extended warranty campaign.
585	Parts are available for this extended warranty campaign.
586	There are no parts required for this repair.
587	There are no parts required for this repair.
588	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
589	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
590	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
591	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
592	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
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594	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
595	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
596	Compliant parts are readily available and in stock in Yamaha regional parts center. As we anticipate that only a very small percentage of possible affected units may have had non-compliant primer pumps install. We anticipate no part availability issues.
597	Compliant parts are readily available and in stock in Yamaha regional parts center. As we anticipate that only a very small percentage of possible affected units may have had non-compliant primer pumps install. We anticipate no part availability issues.
598	Compliant parts are readily available and in stock in Yamaha regional parts center. As we anticipate that only a very small percentage of possible affected units may have had non-compliant primer pumps install. We anticipate no part availability issues.
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	AB
584	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
585	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
586	The manufacturer's campaign number for this recall is J056.
587	The manufacturer's campaign number for this recall is J056.
588	
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596	Please note that the attached document includes (1) the owners notification letter, draft. (2) the dealer notification letter, draft. And (3) the service bulletin containing the service procedures, draft for this project.
597	Please note that the attached document includes (1) the owners notification letter, draft. (2) the dealer notification letter, draft. And (3) the service bulletin containing the service procedures, draft for this project.
598	Please note that the attached document includes (1) the owners notification letter, draft. (2) the dealer notification letter, draft. And (3) the service bulletin containing the service procedures, draft for this project.
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600	Please note that the attached document includes (1) the owners notification letter, draft. (2) the dealer notification letter, draft. And (3) the service bulletin containing the service procedures, draft for this project.

	AC	AD	AE
584	No impact on fuel consumption.		4641
585	No impact on fuel consumption.		4641
586	There is no impact on fuel economy.		4725
587	There is no impact on fuel economy.		4725
588	Mazda judges that the fuel economy will not be adversely affected.		4785
589	Mazda judges that the fuel economy will not be adversely affected.		4785
590	Mazda judges that the fuel economy will not be adversely affected.		4785
591	Mazda judges that the fuel economy will not be adversely affected.		4785
592	None.		4807
593	None.		4807
594	None.		4807
595	None.		4807
596	None		4808
597	None		4808
598	None		4808
599	None		4808
600	None		4808

	AF	AG	AH	AI
584		1	N	N
585		1	N	N
586	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
587	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
588		4	Y	Y
589		4	Y	Y
590		4	Y	Y
591		4	Y	Y
592		2	Y	N
593		2	Y	N
594		2	Y	N
595		2	Y	N
596		1	Y	Y
597		1	Y	Y
598		1	Y	Y
599		1	Y	Y
600		1	Y	Y

	AJ	AK	AL	AM
584	N	Y	194104	No impact on driveability.
585	N	Y	194104	No impact on driveability.
586	Y	N	197460	There is no impact on driveability.
587	Y	N	197460	There is no impact on driveability.
588	Y	N	200126	Mazda judges that the drivability will not be adversely affected.
589	Y	N	200126	Mazda judges that the drivability will not be adversely affected.
590	Y	N	200126	Mazda judges that the drivability will not be adversely affected.
591	Y	N	200126	Mazda judges that the drivability will not be adversely affected.
592	N	N	200827	None.
593	N	N	200827	None.
594	N	N	200827	None.
595	N	N	200827	None.
596	N	N	200853	None
597	N	N	200853	None
598	N	N	200853	None
599	N	N	200853	None
600	N	N	200853	None

	AN	AO	AP	AQ	AR
584	No impact on safety.	N	4389	0	0028
585	No impact on safety.	N	4389	0	0028
586	There is no impact safety.	Y	4510	0	0038
587	There is no impact safety.	Y	4510	0	0038
588	Mazda judges that the safety will not be adversely affected.	N	4570	0	0034
589	Mazda judges that the safety will not be adversely affected.	N	4570	0	0034
590	Mazda judges that the safety will not be adversely affected.	N	4570	0	0034
591	Mazda judges that the safety will not be adversely affected.	N	4570	0	0034
592	None.	N	4592	0	1521
593	None.	N	4592	0	1521
594	None.	N	4592	0	1521
595	None.	N	4592	0	1521
596	None	Y	4593	0	1011
597	None	Y	4593	0	1011
598	None	Y	4593	0	1011
599	None	Y	4593	0	1011
600	None	Y	4593	0	1011

	AS	AT	AU
584	N	1/16/2015	1
585	N	1/16/2015	1
586	N		1
587	N		1
588	Y	1/19/2016	1
589	Y	1/19/2016	1
590	Y	1/19/2016	1
591	Y	1/19/2016	1
592	Y	12/24/2015	1
593	Y	12/24/2015	1
594	Y	12/24/2015	1
595	Y	12/24/2015	1
596	Y	1/20/2016	1
597	Y	1/20/2016	1
598	Y	1/20/2016	1
599	Y	1/20/2016	1
600	Y	1/20/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
601	14029	11/17/2015	2013	FPX	0005	Light-Duty Vehicles and Trucks	10458	Y					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
602	14029	11/17/2015	2012	FPX	0005	Light-Duty Vehicles and Trucks	10458	Y					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
603	14029	11/17/2015	2011	FPX	0005	Light-Duty Vehicles and Trucks	10458	Y					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
604	14034	11/11/2015	2008	TYX	TYX-VERR-20151111-19	Light-Duty Vehicles and Trucks	143043	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
605	14034	11/11/2015	2007	TYX	TYX-VERR-20151111-19	Light-Duty Vehicles and Trucks	143043	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
606	14034	11/11/2015	2009	TYX	TYX-VERR-20151111-19	Light-Duty Vehicles and Trucks	143043	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
607	14034	11/11/2015	2010	TYX	TYX-VERR-20151111-19	Light-Duty Vehicles and Trucks	143043	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
608	14034	11/11/2015	2006	TYX	TYX-VERR-20151111-19	Light-Duty Vehicles and Trucks	143043	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
609	14034	11/11/2015	2005	TYX	TYX-VERR-20151111-19	Light-Duty Vehicles and Trucks	143043	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
610	14035	11/19/2015	2014	TYX	Toyota-VERR-20151120	Light-Duty Vehicles and Trucks	170172	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
611	14035	11/19/2015	2013	TYX	Toyota-VERR-20151120	Light-Duty Vehicles and Trucks	170172	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
612	14035	11/19/2015	2012	TYX	Toyota-VERR-20151120	Light-Duty Vehicles and Trucks	170172	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
613	14035	11/19/2015	2011	TYX	Toyota-VERR-20151120	Light-Duty Vehicles and Trucks	170172	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
614	14035	11/19/2015	2010	TYX	Toyota-VERR-20151120	Light-Duty Vehicles and Trucks	170172	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
615	14041	11/20/2015	2016	NSX	FOI_NSX_VER_0020_BD_	Light-Duty Vehicles and Trucks	5650	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
616	14058	11/24/2015	2015	CRX	R57	Light-Duty Vehicles and Trucks	75458	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
617	14060	11/11/2015	2010	TYX	TYX-VERR-20151111-6	Light-Duty Vehicles and Trucks	60178	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
618	14060	11/11/2015	2009	TYX	TYX-VERR-20151111-6	Light-Duty Vehicles and Trucks	60178	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
619	14060	11/11/2015	2008	TYX	TYX-VERR-20151111-6	Light-Duty Vehicles and Trucks	60178	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
601	brandonbaumgartner@cnhind.com	Crankcase Ventilation Component/System	11/23/2015	2015	5
602	brandonbaumgartner@cnhind.com	Crankcase Ventilation Component/System	11/23/2015	2015	5
603	brandonbaumgartner@cnhind.com	Crankcase Ventilation Component/System	11/23/2015	2015	5
604	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/8/2014	2014	27
605	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/8/2014	2014	27
606	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/8/2014	2014	27
607	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/8/2014	2014	27
608	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/8/2014	2014	27
609	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/8/2014	2014	27
610	tom.beierschmitt@tema.toyota.com	Catalyst/Aftertreatment Component/System (non-diesel engine)	11/9/2015	2015	28
611	tom.beierschmitt@tema.toyota.com	Catalyst/Aftertreatment Component/System (non-diesel engine)	11/9/2015	2015	28
612	tom.beierschmitt@tema.toyota.com	Catalyst/Aftertreatment Component/System (non-diesel engine)	11/9/2015	2015	28
613	tom.beierschmitt@tema.toyota.com	Catalyst/Aftertreatment Component/System (non-diesel engine)	11/9/2015	2015	28
614	tom.beierschmitt@tema.toyota.com	Catalyst/Aftertreatment Component/System (non-diesel engine)	11/9/2015	2015	28
615		Emission Control Information Label	11/16/2015	2015	20
616	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	11/23/2015	2015	1557
617	tom.beierschmitt@tema.toyota.com	Fuel Delivery System	10/21/2010	2010	29
618	tom.beierschmitt@tema.toyota.com	Fuel Delivery System	10/21/2010	2010	29
619	tom.beierschmitt@tema.toyota.com	Fuel Delivery System	10/21/2010	2010	29

	U
601	Investigation as to the number of confirmed PCV filter failed have shown the following failure modes: ¿ Clogging of filter itself ¿ Freezing of condensed water ¿ Filter cover misalignment In most cases this would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs). In some cases the PCV filter would be replaced simply because of evidence of oil presence into intake or exhaust line that can be considered normal within certain limits.
602	Investigation as to the number of confirmed PCV filter failed have shown the following failure modes: ¿ Clogging of filter itself ¿ Freezing of condensed water ¿ Filter cover misalignment In most cases this would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs). In some cases the PCV filter would be replaced simply because of evidence of oil presence into intake or exhaust line that can be considered normal within certain limits.
603	Investigation as to the number of confirmed PCV filter failed have shown the following failure modes: ¿ Clogging of filter itself ¿ Freezing of condensed water ¿ Filter cover misalignment In most cases this would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs). In some cases the PCV filter would be replaced simply because of evidence of oil presence into intake or exhaust line that can be considered normal within certain limits.
604	On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition may cause oil to leak from the VVT-i oil hose producing abnormal engine noise and the oil pressure light to illuminate. This is an extension of the original 90K/9LH LSC for vehicles that were not previously completed prior to the expiration date.
605	On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition may cause oil to leak from the VVT-i oil hose producing abnormal engine noise and the oil pressure light to illuminate. This is an extension of the original 90K/9LH LSC for vehicles that were not previously completed prior to the expiration date.
606	On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition may cause oil to leak from the VVT-i oil hose producing abnormal engine noise and the oil pressure light to illuminate. This is an extension of the original 90K/9LH LSC for vehicles that were not previously completed prior to the expiration date.
607	On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition may cause oil to leak from the VVT-i oil hose producing abnormal engine noise and the oil pressure light to illuminate. This is an extension of the original 90K/9LH LSC for vehicles that were not previously completed prior to the expiration date.
608	On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition may cause oil to leak from the VVT-i oil hose producing abnormal engine noise and the oil pressure light to illuminate. This is an extension of the original 90K/9LH LSC for vehicles that were not previously completed prior to the expiration date.
609	On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition may cause oil to leak from the VVT-i oil hose producing abnormal engine noise and the oil pressure light to illuminate. This is an extension of the original 90K/9LH LSC for vehicles that were not previously completed prior to the expiration date.
610	Under certain conditions the catalyst mat that retains the catalyst substrate in place within the catalyst shell provides insufficient retention and allows the substrate to move within the catalyst shell. As the substrate moves within the shell, it may rattle against the shell causing a loud noise and/or catalyst damage. The M.I.L.
611	Under certain conditions the catalyst mat that retains the catalyst substrate in place within the catalyst shell provides insufficient retention and allows the substrate to move within the catalyst shell. As the substrate moves within the shell, it may rattle against the shell causing a loud noise and/or catalyst damage. The M.I.L.
612	Under certain conditions the catalyst mat that retains the catalyst substrate in place within the catalyst shell provides insufficient retention and allows the substrate to move within the catalyst shell. As the substrate moves within the shell, it may rattle against the shell causing a loud noise and/or catalyst damage. The M.I.L.
613	Under certain conditions the catalyst mat that retains the catalyst substrate in place within the catalyst shell provides insufficient retention and allows the substrate to move within the catalyst shell. As the substrate moves within the shell, it may rattle against the shell causing a loud noise and/or catalyst damage. The M.I.L.
614	Under certain conditions the catalyst mat that retains the catalyst substrate in place within the catalyst shell provides insufficient retention and allows the substrate to move within the catalyst shell. As the substrate moves within the shell, it may rattle against the shell causing a loud noise and/or catalyst damage. The M.I.L.
615	Nissan has determined that some MY16 Maxima vehicles might contain Warranty Information Booklets that are missing certain information related to the Long-Term Emission System Defects Warranty Parts List in the California Vehicle Emission Control Warranties section. Nissan dealers' ability to correctly apply emission warranty during service/repair has not been affected.
616	Some 2015 model year 2.4L Jeep Cherokee vehicles may have an A/C suction hose that could be misrouted, coming in contact with exhaust heat shield, and, in some cases, cause the hose to melt and leak refrigerant.
617	Toyota initiated a Limited Service Campaign (LSC) to install the newly designed Smart Stop Technology on 2008 through certain 2010 model year Sequoia vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedals at certain speeds and driving conditions. The braking
618	Toyota initiated a Limited Service Campaign (LSC) to install the newly designed Smart Stop Technology on 2008 through certain 2010 model year Sequoia vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedals at certain speeds and driving conditions. The braking
619	Toyota initiated a Limited Service Campaign (LSC) to install the newly designed Smart Stop Technology on 2008 through certain 2010 model year Sequoia vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedals at certain speeds and driving conditions. The braking

	V
601	On each affected vehicle, an improved cold weather kit (CWK) will be installed and the PCV filter will be replaced. If the vehicle already has a cold weather kit installed, it will be updated with improved components PCV system components including a PCV cover heating element, a cross over tube heating element and a cross over
602	On each affected vehicle, an improved cold weather kit (CWK) will be installed and the PCV filter will be replaced. If the vehicle already has a cold weather kit installed, it will be updated with improved components PCV system components including a PCV cover heating element, a cross over tube heating element and a cross over
603	On each affected vehicle, an improved cold weather kit (CWK) will be installed and the PCV filter will be replaced. If the vehicle already has a cold weather kit installed, it will be updated with improved components PCV system components including a PCV cover heating element, a cross over tube heating element and a cross over
604	Authorized dealerships are requested to replace the VVTi Oil Hose at NO CHARGE to the vehicle¿s owner.
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609	Authorized dealerships are requested to replace the VVTi Oil Hose at NO CHARGE to the vehicle¿s owner.
610	All known owners of affected vehicles will be notified via first class mail that there is a special service campaign for replacement of the exhaust pipe with catalytic converters.
611	All known owners of affected vehicles will be notified via first class mail that there is a special service campaign for replacement of the exhaust pipe with catalytic converters.
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614	All known owners of affected vehicles will be notified via first class mail that there is a special service campaign for replacement of the exhaust pipe with catalytic converters.
615	Nissan will mail a Warranty Information Booklet supplement card to California and Section 177 State customers of the affected vehicles. This supplement card will contain the proper warranty information related to the Long-Term Emission System Defects Warranty Parts List.
616	FCA US will conduct an emission-related Voluntary Safety Recall (R57) on all affected vehicles to inspect for misrouted A/C suction discharge lines, and replace those found to be misrouted.
617	Any authorized Toyota dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
618	Any authorized Toyota dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
619	Any authorized Toyota dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.

	W
601	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notofication will be sent via First Class mail.
602	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notofication will be sent via First Class mail.
603	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notofication will be sent via First Class mail.
604	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
605	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
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610	R.L. POLK and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
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615	RL Polk
616	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
617	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
618	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
619	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
601	No specific restrictions to prevent eligibility for this remedial action.
602	No specific restrictions to prevent eligibility for this remedial action.
603	No specific restrictions to prevent eligibility for this remedial action.
604	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
605	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
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615	None required
616	None.
617	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
618	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
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	Y
601	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
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603	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
604	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus or Toyota dealer for the repair in accordance with the published Lexus/Toyota Campaign Procedure.
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610	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
611	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
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614	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
615	Vehicle owners will receive the Warranty supplement card via US mail. No dealer service procedure will be needed.
616	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
617	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
618	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
619	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.

	Z
601	None other than Mitsubishi Fuso Authorized Dealers or their agents.
602	None other than Mitsubishi Fuso Authorized Dealers or their agents.
603	None other than Mitsubishi Fuso Authorized Dealers or their agents.
604	Any authorized Lexus or Toyota dealership.
605	Any authorized Lexus or Toyota dealership.
606	Any authorized Lexus or Toyota dealership.
607	Any authorized Lexus or Toyota dealership.
608	Any authorized Lexus or Toyota dealership.
609	Any authorized Lexus or Toyota dealership.
610	The repair will be performed at Toyota dealerships only, and will take approximately 1.5 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make their vehicles available for a longer period of time.
611	The repair will be performed at Toyota dealerships only, and will take approximately 1.5 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make their vehicles available for a longer period of time.
612	The repair will be performed at Toyota dealerships only, and will take approximately 1.5 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make their vehicles available for a longer period of time.
613	The repair will be performed at Toyota dealerships only, and will take approximately 1.5 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make their vehicles available for a longer period of time.
614	The repair will be performed at Toyota dealerships only, and will take approximately 1.5 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make their vehicles available for a longer period of time.
615	N/A
616	None.
617	Any authorized Toyota dealership.
618	Any authorized Toyota dealership.
619	Any authorized Toyota dealership.

	AA
601	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
602	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
603	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
604	Parts are available for this campaign.
605	Parts are available for this campaign.
606	Parts are available for this campaign.
607	Parts are available for this campaign.
608	Parts are available for this campaign.
609	Parts are available for this campaign.
610	There is sufficient inventory of the replacement parts to accommodate this campaign.
611	There is sufficient inventory of the replacement parts to accommodate this campaign.
612	There is sufficient inventory of the replacement parts to accommodate this campaign.
613	There is sufficient inventory of the replacement parts to accommodate this campaign.
614	There is sufficient inventory of the replacement parts to accommodate this campaign.
615	The supplier of the warranty information material will print an adequate number of supplement cards to meet the demand for this corrective action.
616	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
617	There is no part replacement since this is a software update.
618	There is no part replacement since this is a software update.
619	There is no part replacement since this is a software update.

	AB
601	
602	
603	
604	Toyota VERR letter 'TYX-VERR-20151111-19' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
605	Toyota VERR letter 'TYX-VERR-20151111-19' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
606	Toyota VERR letter 'TYX-VERR-20151111-19' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
607	Toyota VERR letter 'TYX-VERR-20151111-19' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
608	Toyota VERR letter 'TYX-VERR-20151111-19' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
609	Toyota VERR letter 'TYX-VERR-20151111-19' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
610	Toyota-VERR-20151120 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Special Service Campaign.
611	Toyota-VERR-20151120 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Special Service Campaign.
612	Toyota-VERR-20151120 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Special Service Campaign.
613	Toyota-VERR-20151120 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Special Service Campaign.
614	Toyota-VERR-20151120 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Special Service Campaign.
615	Please note that the "Problem Category" was selected as Emission Control Information Label due to limited options, however this issue does NOT affect the Vehicle's label, only the Warranty Information Booklet contained in the new vehicle literature kit installed at the port.
616	
617	Toyota VERR letter 'TYX-VERR-20151111-6' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
618	Toyota VERR letter 'TYX-VERR-20151111-6' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
619	Toyota VERR letter 'TYX-VERR-20151111-6' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
601	There are no expected impacts to fuel economy.		4637
602	There are no expected impacts to fuel economy.		4637
603	There are no expected impacts to fuel economy.		4637
604	No impact on fuel consumption.		4642
605	No impact on fuel consumption.		4642
606	No impact on fuel consumption.		4642
607	No impact on fuel consumption.		4642
608	No impact on fuel consumption.		4642
609	No impact on fuel consumption.		4642
610	This repair will not affect fuel consumption.		4643
611	This repair will not affect fuel consumption.		4643
612	This repair will not affect fuel consumption.		4643
613	This repair will not affect fuel consumption.		4643
614	This repair will not affect fuel consumption.		4643
615	Fuel economy will not be impacted.		4644
616	None.		4645
617	No impact on fuel consumption.		4646
618	No impact on fuel consumption.		4646
619	No impact on fuel consumption.		4646

	AF	AG	AH	AI
601		7	Y	Y
602		7	Y	Y
603		7	Y	Y
604		1	N	N
605		1	N	N
606		1	N	N
607		1	N	N
608		1	N	N
609		1	N	N
610		1	N	N
611		1	N	N
612		1	N	N
613		1	N	N
614		1	N	N
615		1	Y	N
616		2	Y	N
617		1	N	N
618		1	N	N
619		1	N	N

	AJ	AK	AL	AM
601	Y	N	193907	There are no expected impacts to drivability.
602	Y	N	193907	There are no expected impacts to drivability.
603	Y	N	193907	There are no expected impacts to drivability.
604	N	Y	194195	No impact on driveability.
605	N	Y	194195	No impact on driveability.
606	N	Y	194195	No impact on driveability.
607	N	Y	194195	No impact on driveability.
608	N	Y	194195	No impact on driveability.
609	N	Y	194195	No impact on driveability.
610	N	Y	194236	This repair will not affect driveability.
611	N	Y	194236	This repair will not affect driveability.
612	N	Y	194236	This repair will not affect driveability.
613	N	Y	194236	This repair will not affect driveability.
614	N	Y	194236	This repair will not affect driveability.
615	N	N	194410	Drivability will not be impacted.
616	N	N	194679	None.
617	N	Y	194785	No impact on driveability.
618	N	Y	194785	No impact on driveability.
619	N	Y	194785	No impact on driveability.

	AN	AO	AP	AQ	AR
601	There are no expected impacts to safety.	N	4385	0	0011
602	There are no expected impacts to safety.	N	4385	0	0011
603	There are no expected impacts to safety.	N	4385	0	0011
604	No impact on safety.	N	4390	0	0054
605	No impact on safety.	N	4390	0	0054
606	No impact on safety.	N	4390	0	0054
607	No impact on safety.	N	4390	0	0054
608	No impact on safety.	N	4390	0	0054
609	No impact on safety.	N	4390	0	0054
610	This repair will not affect safety.	N	4391	0	0003
611	This repair will not affect safety.	N	4391	0	0003
612	This repair will not affect safety.	N	4391	0	0003
613	This repair will not affect safety.	N	4391	0	0003
614	This repair will not affect safety.	N	4391	0	0003
615	Safety will not be impacted.	N	4392	1	0055
616	None.	N	4411	0	1510
617	No impact on safety.	N	4412	0	0013
618	No impact on safety.	N	4412	0	0013
619	No impact on safety.	N	4412	0	0013

	AS	AT	AU
601	Y		1
602	Y		1
603	Y		1
604	N	9/8/2014	1
605	N	9/8/2014	1
606	N	9/8/2014	1
607	N	9/8/2014	1
608	N	9/8/2014	1
609	N	9/8/2014	1
610	N	12/9/2015	1
611	N	12/9/2015	1
612	N	12/9/2015	1
613	N	12/9/2015	1
614	N	12/9/2015	1
615	N	11/17/2015	1
616	Y	11/24/2015	1
617	N	11/21/2010	1
618	N	11/21/2010	1
619	N	11/21/2010	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
620	14061	11/11/2015	2008	TYX	TYX-VERR-20151111-5	Light-Duty Vehicles and Trucks	138874	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
621	14061	11/11/2015	2007	TYX	TYX-VERR-20151111-5	Light-Duty Vehicles and Trucks	138874	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
622	14061	11/11/2015	2006	TYX	TYX-VERR-20151111-5	Light-Duty Vehicles and Trucks	138874	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
623	14062	11/11/2015	2005	TYX	TYX-VERR-20151111-11	Light-Duty Vehicles and Trucks	170785	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
624	14078	11/11/2015	2010	TYX	TYX-VERR-20151111-17	Light-Duty Vehicles and Trucks	3202094	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
625	14078	11/11/2015	2009	TYX	TYX-VERR-20151111-17	Light-Duty Vehicles and Trucks	3202094	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
626	14078	11/11/2015	2008	TYX	TYX-VERR-20151111-17	Light-Duty Vehicles and Trucks	3202094	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
627	14078	11/11/2015	2007	TYX	TYX-VERR-20151111-17	Light-Duty Vehicles and Trucks	3202094	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
628	14078	11/11/2015	2006	TYX	TYX-VERR-20151111-17	Light-Duty Vehicles and Trucks	3202094	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
629	14078	11/11/2015	2005	TYX	TYX-VERR-20151111-17	Light-Duty Vehicles and Trucks	3202094	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
620	tom.beierschmitt@tema.toyota.com	Ignition Component	7/6/2010	2010	30
621	tom.beierschmitt@tema.toyota.com	Ignition Component	7/6/2010	2010	30
622	tom.beierschmitt@tema.toyota.com	Ignition Component	7/6/2010	2010	30
623	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	3/16/2011	2011	31
624	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	8/1/2013	2013	32
625	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	8/1/2013	2013	32
626	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	8/1/2013	2013	32
627	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	8/1/2013	2013	32
628	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	8/1/2013	2013	32
629	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	8/1/2013	2013	32

	U
620	Toyota initiated a Safety Recall on certain 2006-2008 MY Lexus IS350, GS350, GS450H, GS460, LS460 and LS600h vehicles. On certain Lexus GS, IS, and LS vehicles there is a possibility that the engine valve springs might break. If one of the springs in the engine breaks, abnormal noise and rough engine performance will be noticed. In the worst case, the engine could fail and stop suddenly while the vehicle is in motion, increasing the risk of a crash.
621	Toyota initiated a Safety Recall on certain 2006-2008 MY Lexus IS350, GS350, GS450H, GS460, LS460 and LS600h vehicles. On certain Lexus GS, IS, and LS vehicles there is a possibility that the engine valve springs might break. If one of the springs in the engine breaks, abnormal noise and rough engine performance will be noticed. In the worst case, the engine could fail and stop suddenly while the vehicle is in motion, increasing the risk of a crash.
622	Toyota initiated a Safety Recall on certain 2006-2008 MY Lexus IS350, GS350, GS450H, GS460, LS460 and LS600h vehicles. On certain Lexus GS, IS, and LS vehicles there is a possibility that the engine valve springs might break. If one of the springs in the engine breaks, abnormal noise and rough engine performance will be noticed. In the worst case, the engine could fail and stop suddenly while the vehicle is in motion, increasing the risk of a crash.
623	Toyota initiated an extended warranty campaign on certain 2005MY Toyota Sienna vehicles. When accessing the Vehicle Identification Number (VIN) stored in the ECM memory on certain 2005 model year Sienna vehicles, the first two digits may be missing or incorrect. Not all vehicles in this range will exhibit this condition. In addition, the VIN stored in the ECM is used only in certain select operations, for example during vehicle emissions testing in specific states. To minimize customer inconvenience while assuring customer satisfaction, Toyota offered this Emission Control Warranty Extension to correct the stored VIN as needed.
624	Toyota initiated a Limited Service Campaign on certain 2003 - 2010 MY Toyota and Lexus vehicles. As part of the MDL settlement (Class Action Settlement for Unintended Acceleration), Toyota/Lexus will install Smart Stop Technology on the listed model and model year vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedal at certain speeds and in certain driving conditions.
625	Toyota initiated a Limited Service Campaign on certain 2003 - 2010 MY Toyota and Lexus vehicles. As part of the MDL settlement (Class Action Settlement for Unintended Acceleration), Toyota/Lexus will install Smart Stop Technology on the listed model and model year vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedal at certain speeds and in certain driving conditions.
626	Toyota initiated a Limited Service Campaign on certain 2003 - 2010 MY Toyota and Lexus vehicles. As part of the MDL settlement (Class Action Settlement for Unintended Acceleration), Toyota/Lexus will install Smart Stop Technology on the listed model and model year vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedal at certain speeds and in certain driving conditions.
627	Toyota initiated a Limited Service Campaign on certain 2003 - 2010 MY Toyota and Lexus vehicles. As part of the MDL settlement (Class Action Settlement for Unintended Acceleration), Toyota/Lexus will install Smart Stop Technology on the listed model and model year vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedal at certain speeds and in certain driving conditions.
628	Toyota initiated a Limited Service Campaign on certain 2003 - 2010 MY Toyota and Lexus vehicles. As part of the MDL settlement (Class Action Settlement for Unintended Acceleration), Toyota/Lexus will install Smart Stop Technology on the listed model and model year vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedal at certain speeds and in certain driving conditions.
629	Toyota initiated a Limited Service Campaign on certain 2003 - 2010 MY Toyota and Lexus vehicles. As part of the MDL settlement (Class Action Settlement for Unintended Acceleration), Toyota/Lexus will install Smart Stop Technology on the listed model and model year vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedal at certain speeds and in certain driving conditions.

	V
620	Lexus dealers will be requested to install newly designed valve springs at no charge to the vehicle owner.
621	Lexus dealers will be requested to install newly designed valve springs at no charge to the vehicle owner.
622	Lexus dealers will be requested to install newly designed valve springs at no charge to the vehicle owner.
623	Toyota is offering an Customer Support Program (CSP) on the ECM for this specific condition. The CSP is offered for a period of 15 years or 150,000 miles from the vehicle¿s in-service date, whichever occurs first, for incorrect VIN storage in the ECM memory. If the condition is verified, Toyota dealer will rewrite the correct VIN to the
624	Any authorized dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
625	Any authorized dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
626	Any authorized dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
627	Any authorized dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
628	Any authorized dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
629	Any authorized dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.

	W
620	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
621	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
622	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
623	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
624	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
625	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
626	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
627	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
628	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
629	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
620	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
621	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
622	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
623	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
624	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
625	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
626	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
627	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
628	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
629	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.

	Y
620	All known owners of affected vehicles have been notified via first class mail that there is a safety recall campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
621	All known owners of affected vehicles have been notified via first class mail that there is a safety recall campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
622	All known owners of affected vehicles have been notified via first class mail that there is a safety recall campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
623	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
624	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
625	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
626	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
627	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
628	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
629	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.

	Z
620	Any authorized Lexus dealership.
621	Any authorized Lexus dealership.
622	Any authorized Lexus dealership.
623	Any authorized Toyota dealership.
624	Any authorized Toyota or Lexus dealership.
625	Any authorized Toyota or Lexus dealership.
626	Any authorized Toyota or Lexus dealership.
627	Any authorized Toyota or Lexus dealership.
628	Any authorized Toyota or Lexus dealership.
629	Any authorized Toyota or Lexus dealership.

	AA
620	Parts are available for this campaign.
621	Parts are available for this campaign.
622	Parts are available for this campaign.
623	There is no part replacement since this is a software update.
624	There is no part replacement since this is a software update.
625	There is no part replacement since this is a software update.
626	There is no part replacement since this is a software update.
627	There is no part replacement since this is a software update.
628	There is no part replacement since this is a software update.
629	There is no part replacement since this is a software update.

	AB
620	Toyota VERR letter 'TYX-VERR-20151111-5' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
621	Toyota VERR letter 'TYX-VERR-20151111-5' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
622	Toyota VERR letter 'TYX-VERR-20151111-5' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
623	Toyota VERR letter 'TYX-VERR-20151111-11' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
624	Toyota VERR letter 'TYX-VERR-20151111-17' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
625	Toyota VERR letter 'TYX-VERR-20151111-17' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
626	Toyota VERR letter 'TYX-VERR-20151111-17' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
627	Toyota VERR letter 'TYX-VERR-20151111-17' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
628	Toyota VERR letter 'TYX-VERR-20151111-17' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
629	Toyota VERR letter 'TYX-VERR-20151111-17' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
620	No impact on fuel consumption.		4647
621	No impact on fuel consumption.		4647
622	No impact on fuel consumption.		4647
623	No impact on fuel consumption.		4648
624	No impact on fuel consumption.		4665
625	No impact on fuel consumption.		4665
626	No impact on fuel consumption.		4665
627	No impact on fuel consumption.		4665
628	No impact on fuel consumption.		4665
629	No impact on fuel consumption.		4665

	AF	AG	AH	AI
620		1	N	N
621		1	N	N
622		1	N	N
623		1	N	N
624		1	N	N
625		1	N	N
626		1	N	N
627		1	N	N
628		1	N	N
629		1	N	N

	AJ	AK	AL	AM
620	N	Y	194858	No impact on driveability.
621	N	Y	194858	No impact on driveability.
622	N	Y	194858	No impact on driveability.
623	N	Y	194860	No impact on driveability.
624	N	Y	195454	No impact on driveability.
625	N	Y	195454	No impact on driveability.
626	N	Y	195454	No impact on driveability.
627	N	Y	195454	No impact on driveability.
628	N	Y	195454	No impact on driveability.
629	N	Y	195454	No impact on driveability.

	AN	AO	AP	AQ	AR
620	No impact on safety.	N	4413	0	0012
621	No impact on safety.	N	4413	0	0012
622	No impact on safety.	N	4413	0	0012
623	No impact on safety.	N	4414	0	0016
624	No impact on safety.	N	4430	0	0023
625	No impact on safety.	N	4430	0	0023
626	No impact on safety.	N	4430	0	0023
627	No impact on safety.	N	4430	0	0023
628	No impact on safety.	N	4430	0	0023
629	No impact on safety.	N	4430	0	0023

	AS	AT	AU
620	N	8/6/2010	1
621	N	8/6/2010	1
622	N	8/6/2010	1
623	N	4/16/2011	1
624	N	9/1/2013	1
625	N	9/1/2013	1
626	N	9/1/2013	1
627	N	9/1/2013	1
628	N	9/1/2013	1
629	N	9/1/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
630	14078	11/11/2015	2004	TYX	TYX-VERR-20151111-17	Light-Duty Vehicles and Trucks	3202094	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
631	14078	11/11/2015	2003	TYX	TYX-VERR-20151111-17	Light-Duty Vehicles and Trucks	3202094	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
632	14081	12/1/2015	2013	FPX	0005	Heavy-Duty Highway Gas and Diesel Engines	10458	Y					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
633	14081	12/1/2015	2012	FPX	0005	Heavy-Duty Highway Gas and Diesel Engines	10458	Y					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
634	14081	12/1/2015	2011	FPX	0005	Heavy-Duty Highway Gas and Diesel Engines	10458	Y					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
635	14096	12/4/2015	2004	FMX	15E06	Heavy-Duty Highway Gas and Diesel Engines	12291	N					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858
636	14121	11/11/2015	2010	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
637	14121	11/11/2015	2009	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
638	14121	11/11/2015	2008	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
630	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	8/1/2013	2013	32
631	tom.beierschmitt@tema.toyota.com	Computer Related (Other than OBD)	8/1/2013	2013	32
632	brandonbaumgartner@cnhind.com	Air Inlet/Intake System	11/23/2015	2015	5
633	brandonbaumgartner@cnhind.com	Air Inlet/Intake System	11/23/2015	2015	5
634	brandonbaumgartner@cnhind.com	Air Inlet/Intake System	11/23/2015	2015	5
635		On-Board Diagnostic (OBD) System	11/18/2015	2015	1506
636	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
637	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
638	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33

	U
630	Toyota initiated a Limited Service Campaign on certain 2003 - 2010 MY Toyota and Lexus vehicles. As part of the MDL settlement (Class Action Settlement for Unintended Acceleration), Toyota/Lexus will install Smart Stop Technology on the listed model and model year vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedal at certain speeds and in certain driving conditions.
631	Toyota initiated a Limited Service Campaign on certain 2003 - 2010 MY Toyota and Lexus vehicles. As part of the MDL settlement (Class Action Settlement for Unintended Acceleration), Toyota/Lexus will install Smart Stop Technology on the listed model and model year vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedal at certain speeds and in certain driving conditions.
632	Investigation as to the number of confirmed PCV filter failed have shown the following failure modes: ¿ Clogging of filter itself ¿ Freezing of condensed water ¿ Filter cover misalignment In most cases this would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs). In some cases the PCV filter would be replaced simply because of evidence of oil presence into intake or exhaust line that can be considered normal within certain limits.
633	Investigation as to the number of confirmed PCV filter failed have shown the following failure modes: ¿ Clogging of filter itself ¿ Freezing of condensed water ¿ Filter cover misalignment In most cases this would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs). In some cases the PCV filter would be replaced simply because of evidence of oil presence into intake or exhaust line that can be considered normal within certain limits.
634	Investigation as to the number of confirmed PCV filter failed have shown the following failure modes: ¿ Clogging of filter itself ¿ Freezing of condensed water ¿ Filter cover misalignment In most cases this would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs). In some cases the PCV filter would be replaced simply because of evidence of oil presence into intake or exhaust line that can be considered normal within certain limits.
635	On certain 2004 model year E-Series cutaways and stripped chassis vehicles with the 5.4L engine, a calibration flaw exists that will prevent the catalyst monitor from reaching a ¿Ready¿ condition.
636	Toyota initiated an Extended Warranty Campaign on several MY Toyota, Lexus and Scion vehicles. On July 24, 2013, a settlement of claims for Economic Loss arising from allegations of unintended acceleration was approved. The settlement includes Toyota¿s agreement to provide a Customer Support Program (¿CSP¿) for 1998-2010 model year (MY) vehicles equipped with an Electronic Throttle Control System (ETCS) to enhance the coverage of certain components.
637	Toyota initiated an Extended Warranty Campaign on several MY Toyota, Lexus and Scion vehicles. On July 24, 2013, a settlement of claims for Economic Loss arising from allegations of unintended acceleration was approved. The settlement includes Toyota¿s agreement to provide a Customer Support Program (¿CSP¿) for 1998-2010 model year (MY) vehicles equipped with an Electronic Throttle Control System (ETCS) to enhance the coverage of certain components.
638	Toyota initiated an Extended Warranty Campaign on several MY Toyota, Lexus and Scion vehicles. On July 24, 2013, a settlement of claims for Economic Loss arising from allegations of unintended acceleration was approved. The settlement includes Toyota¿s agreement to provide a Customer Support Program (¿CSP¿) for 1998-2010 model year (MY) vehicles equipped with an Electronic Throttle Control System (ETCS) to enhance the coverage of certain components.

	V
630	Any authorized dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
631	Any authorized dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
632	On each affected vehicle, an improved cold weather kit (CWK) will be installed and the PCV filter will be replaced. If the vehicle already has a cold weather kit installed, it will be updated with improved components PCV system components including a PCV cover heating element, a cross over tube heating element and a cross over
633	On each affected vehicle, an improved cold weather kit (CWK) will be installed and the PCV filter will be replaced. If the vehicle already has a cold weather kit installed, it will be updated with improved components PCV system components including a PCV cover heating element, a cross over tube heating element and a cross over
634	On each affected vehicle, an improved cold weather kit (CWK) will be installed and the PCV filter will be replaced. If the vehicle already has a cold weather kit installed, it will be updated with improved components PCV system components including a PCV cover heating element, a cross over tube heating element and a cross over
635	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
636	Primary Coverage: All eligible vehicles would receive 3 additional years of coverage against defects in materials or workmanship in covered components from the start of CSP ELT-ELL, regardless of mileage. ¿ 3 Year with NO Mileage Restrictions. Coverage Effective: 08/07/13 ¿ 08/07/16 Secondary Coverage: ¿ After the 3 year Primary Coverage, Secondary Coverage against defects in material and workmanship is applied to the Original Manufacturer¿s Warranty for each covered component up to a limit of 150,000 miles or an additional 10 years, whichever comes first. ¿ Note: After the initial 3 year period, coverage under CSP ELT-ELL ends once the vehicle reaches 150,000 miles.
637	Primary Coverage: All eligible vehicles would receive 3 additional years of coverage against defects in materials or workmanship in covered components from the start of CSP ELT-ELL, regardless of mileage. ¿ 3 Year with NO Mileage Restrictions. Coverage Effective: 08/07/13 ¿ 08/07/16 Secondary Coverage: ¿ After the 3 year Primary Coverage, Secondary Coverage against defects in material and workmanship is applied to the Original Manufacturer¿s Warranty for each covered component up to a limit of 150,000 miles or an additional 10 years, whichever comes first. ¿ Note: After the initial 3 year period, coverage under CSP ELT-ELL ends once the vehicle reaches 150,000 miles.
638	Primary Coverage: All eligible vehicles would receive 3 additional years of coverage against defects in materials or workmanship in covered components from the start of CSP ELT-ELL, regardless of mileage. ¿ 3 Year with NO Mileage Restrictions. Coverage Effective: 08/07/13 ¿ 08/07/16 Secondary Coverage: ¿ After the 3 year Primary Coverage, Secondary Coverage against defects in material and workmanship is applied to the Original Manufacturer¿s Warranty for each covered component up to a limit of 150,000 miles or an additional 10 years, whichever comes first. ¿ Note: After the initial 3 year period, coverage under CSP ELT-ELL ends once the vehicle reaches 150,000 miles.

	W
630	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
631	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
632	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notofication will be sent via First Class mail.
633	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notofication will be sent via First Class mail.
634	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notofication will be sent via First Class mail.
635	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
636	R.L. POLK and Toyota/Lexus/Scion Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
637	R.L. POLK and Toyota/Lexus/Scion Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
638	R.L. POLK and Toyota/Lexus/Scion Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
630	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
631	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
632	No specific restrictions to prevent eligibility for this remedial action.
633	No specific restrictions to prevent eligibility for this remedial action.
634	No specific restrictions to prevent eligibility for this remedial action.
635	Eligibility for this program is not conditioned upon proper maintenance or use.
636	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
637	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
638	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior

	Y
630	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
631	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
632	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
633	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
634	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
635	See Owner Notification Letter.
636	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota/Lexus/Scion dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
637	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota/Lexus/Scion dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
638	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota/Lexus/Scion dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.

	Z
630	Any authorized Toyota or Lexus dealership.
631	Any authorized Toyota or Lexus dealership.
632	None other than Mitsubishi Fuso Authorized Dealers or their agents.
633	None other than Mitsubishi Fuso Authorized Dealers or their agents.
634	None other than Mitsubishi Fuso Authorized Dealers or their agents.
635	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
636	Any authorized Toyota/Lexus/Scion dealership.
637	Any authorized Toyota/Lexus/Scion dealership.
638	Any authorized Toyota/Lexus/Scion dealership.

	AA
630	There is no part replacement since this is a software update.
631	There is no part replacement since this is a software update.
632	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
633	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
634	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
635	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
636	Parts are available for this campaign.
637	Parts are available for this campaign.
638	Parts are available for this campaign.

	AB
630	Toyota VERR letter 'TYX-VERR-20151111-17' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
631	Toyota VERR letter 'TYX-VERR-20151111-17' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
632	
633	
634	
635	9999 was used as EDIR number because no EDIR was filed, due to the issue being discovered after the defect reporting period had expired.
636	Toyota VERR letter 'TYX-VERR-20151111-18' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
637	Toyota VERR letter 'TYX-VERR-20151111-18' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
638	Toyota VERR letter 'TYX-VERR-20151111-18' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AC	AD	AE
630	No impact on fuel consumption.		4665
631	No impact on fuel consumption.		4665
632	There are no expected impacts to fuel economy.		4667
633	There are no expected impacts to fuel economy.		4667
634	There are no expected impacts to fuel economy.		4667
635	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4745
636	No impact on fuel consumption.		4705
637	No impact on fuel consumption.		4705
638	No impact on fuel consumption.		4705

	AF	AG	AH	AI
630		1	N	N
631		1	N	N
632	The number of related documents has increased to reflect the additional documents submitted.	35	Y	Y
633	The number of related documents has increased to reflect the additional documents submitted.	35	Y	Y
634	The number of related documents has increased to reflect the additional documents submitted.	35	Y	Y
635		3	Y	Y
636		1	N	N
637		1	N	N
638		1	N	N

	AJ	AK	AL	AM
630	N	Y	195454	No impact on driveability.
631	N	Y	195454	No impact on driveability.
632	Y	N	195558	There are no expected impacts to drivability.
633	Y	N	195558	There are no expected impacts to drivability.
634	Y	N	195558	There are no expected impacts to drivability.
635	N	N	196380	Ford engineering judgment indicates that the corrective action should not affect drivability.
636	N	Y	196690	No impact on driveability.
637	N	Y	196690	No impact on driveability.
638	N	Y	196690	No impact on driveability.

	AN	AO	AP	AQ	AR
630	No impact on safety.	N	4430	0	0023
631	No impact on safety.	N	4430	0	0023
632	There are no expected impacts to safety.	N	4450	1	0011
633	There are no expected impacts to safety.	N	4450	1	0011
634	There are no expected impacts to safety.	N	4450	1	0011
635	Ford engineering judgment indicates that the corrective action should not affect safety.	N	4530	0	9999
636	No impact on safety.	N	4490	0	0024
637	No impact on safety.	N	4490	0	0024
638	No impact on safety.	N	4490	0	0024

	AS	AT	AU
630	N	9/1/2013	1
631	N	9/1/2013	1
632	Y		1
633	Y		1
634	Y		1
635	Y		1
636	N	9/1/2013	1
637	N	9/1/2013	1
638	N	9/1/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
639	14121	11/11/2015	2007	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
640	14121	11/11/2015	2006	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
641	14121	11/11/2015	2005	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
642	14121	11/11/2015	2004	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
643	14121	11/11/2015	2003	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
644	14121	11/11/2015	2002	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
645	14121	11/11/2015	2000	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
639	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
640	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
641	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
642	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
643	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
644	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
645	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33

	U
639	Toyota initiated an Extended Warranty Campaign on several MY Toyota, Lexus and Scion vehicles. On July 24, 2013, a settlement of claims for Economic Loss arising from allegations of unintended acceleration was approved. The settlement includes Toyota¿s agreement to provide a Customer Support Program (¿CSP¿) for 1998-2010 model year (MY) vehicles equipped with an Electronic Throttle Control System (ETCS) to enhance the coverage of certain components.
640	Toyota initiated an Extended Warranty Campaign on several MY Toyota, Lexus and Scion vehicles. On July 24, 2013, a settlement of claims for Economic Loss arising from allegations of unintended acceleration was approved. The settlement includes Toyota¿s agreement to provide a Customer Support Program (¿CSP¿) for 1998-2010 model year (MY) vehicles equipped with an Electronic Throttle Control System (ETCS) to enhance the coverage of certain components.
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	V
639	Primary Coverage: All eligible vehicles would receive 3 additional years of coverage against defects in materials or workmanship in covered components from the start of CSP ELT-ELL, regardless of mileage. ¿ 3 Year with NO Mileage Restrictions. Coverage Effective: 08/07/13 ¿ 08/07/16 Secondary Coverage: ¿ After the 3 year Primary Coverage, Secondary Coverage against defects in material and workmanship is applied to the Original Manufacturer¿s Warranty for each covered component up to a limit of 150,000 miles or an additional 10 years, whichever comes first. ¿ Note: After the initial 3 year period, coverage under CSP ELT-ELL ends once the vehicle reaches 150,000 miles.
640	Primary Coverage: All eligible vehicles would receive 3 additional years of coverage against defects in materials or workmanship in covered components from the start of CSP ELT-ELL, regardless of mileage. ¿ 3 Year with NO Mileage Restrictions. Coverage Effective: 08/07/13 ¿ 08/07/16 Secondary Coverage: ¿ After the 3 year Primary Coverage, Secondary Coverage against defects in material and workmanship is applied to the Original Manufacturer¿s Warranty for each covered component up to a limit of 150,000 miles or an additional 10 years, whichever comes first. ¿ Note: After the initial 3 year period, coverage under CSP ELT-ELL ends once the vehicle reaches 150,000 miles.
641	Primary Coverage: All eligible vehicles would receive 3 additional years of coverage against defects in materials or workmanship in covered components from the start of CSP ELT-ELL, regardless of mileage. ¿ 3 Year with NO Mileage Restrictions. Coverage Effective: 08/07/13 ¿ 08/07/16 Secondary Coverage: ¿ After the 3 year Primary Coverage, Secondary Coverage against defects in material and workmanship is applied to the Original Manufacturer¿s Warranty for each covered component up to a limit of 150,000 miles or an additional 10 years, whichever comes first. ¿ Note: After the initial 3 year period, coverage under CSP ELT-ELL ends once the vehicle reaches 150,000 miles.
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644	Primary Coverage: All eligible vehicles would receive 3 additional years of coverage against defects in materials or workmanship in covered components from the start of CSP ELT-ELL, regardless of mileage. ¿ 3 Year with NO Mileage Restrictions. Coverage Effective: 08/07/13 ¿ 08/07/16 Secondary Coverage: ¿ After the 3 year Primary Coverage, Secondary Coverage against defects in material and workmanship is applied to the Original Manufacturer¿s Warranty for each covered component up to a limit of 150,000 miles or an additional 10 years, whichever comes first. ¿ Note: After the initial 3 year period, coverage under CSP ELT-ELL ends once the vehicle reaches 150,000 miles.
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	W
639	R.L. POLK and Toyota/Lexus/Scion Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
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	X
639	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
640	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
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	Y
639	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota/Lexus/Scion dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
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	Z
639	Any authorized Toyota/Lexus/Scion dealership.
640	Any authorized Toyota/Lexus/Scion dealership.
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	AA
639	Parts are available for this campaign.
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644	Parts are available for this campaign.
645	Parts are available for this campaign.

	AB
639	Toyota VERR letter 'TYX-VERR-20151111-18' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
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	AC	AD	AE
639	No impact on fuel consumption.		4705
640	No impact on fuel consumption.		4705
641	No impact on fuel consumption.		4705
642	No impact on fuel consumption.		4705
643	No impact on fuel consumption.		4705
644	No impact on fuel consumption.		4705
645	No impact on fuel consumption.		4705

	AF	AG	AH	AI
639		1	N	N
640		1	N	N
641		1	N	N
642		1	N	N
643		1	N	N
644		1	N	N
645		1	N	N

	AJ	AK	AL	AM
639	N	Y	196690	No impact on driveability.
640	N	Y	196690	No impact on driveability.
641	N	Y	196690	No impact on driveability.
642	N	Y	196690	No impact on driveability.
643	N	Y	196690	No impact on driveability.
644	N	Y	196690	No impact on driveability.
645	N	Y	196690	No impact on driveability.

	AN	AO	AP	AQ	AR
639	No impact on safety.	N	4490	0	0024
640	No impact on safety.	N	4490	0	0024
641	No impact on safety.	N	4490	0	0024
642	No impact on safety.	N	4490	0	0024
643	No impact on safety.	N	4490	0	0024
644	No impact on safety.	N	4490	0	0024
645	No impact on safety.	N	4490	0	0024

	AS	AT	AU
639	N	9/1/2013	1
640	N	9/1/2013	1
641	N	9/1/2013	1
642	N	9/1/2013	1
643	N	9/1/2013	1
644	N	9/1/2013	1
645	N	9/1/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
646	14121	11/11/2015	2001	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
647	14438	2/5/2016	2015	FMX	15S19	Light-Duty Vehicles and Trucks	20242	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
648	14456	2/10/2016	2012	TYX	TYX-VERR-20151104-13	Light-Duty Vehicles and Trucks	20700	N					Ms Andrea Frederick	andrea.frederick@tema.toyota.com	734-995-2586
649	14456	2/10/2016	2011	TYX	TYX-VERR-20151104-13	Light-Duty Vehicles and Trucks	20700	N					Ms Andrea Frederick	andrea.frederick@tema.toyota.com	734-995-2586
650	14456	2/10/2016	2010	TYX	TYX-VERR-20151104-13	Light-Duty Vehicles and Trucks	20700	N					Ms Andrea Frederick	andrea.frederick@tema.toyota.com	734-995-2586
651	14458	2/11/2016	2016	KMX	16-HK-VERR-04	Light-Duty Vehicles and Trucks	9345	N					Mr John Gantchar	jgantchar@hatci.com	734-3373027
652	14459	2/11/2016	2011	KMX	16-HK-VERR-03	Light-Duty Vehicles and Trucks	17991	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
653	14803	3/16/2016	2014	NSX	FOI_NSX_VER_0018_BD_	Light-Duty Vehicles and Trucks	46671	N					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
654	14936	4/27/2016	2016	GMX	1293	Light-Duty Vehicles and Trucks	3582	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
655	14957	5/4/2016	2004	FMX	15E06	Heavy-Duty Highway Gas and Diesel Engines	12291	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
656	14536	2/16/2016	2015	FMX	15S12	Light-Duty Vehicles and Trucks	91	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
657	14556	2/16/2016	2015	MAX	2016-272A	Light-Duty Vehicles and Trucks	23479	Y					Mr Daniel E Doku Sr	ddoku@maseratiusa.com	201-816-2638
658	14556	2/16/2016	2014	MAX	2016-272A	Light-Duty Vehicles and Trucks	23479	Y					Mr Daniel E Doku Sr	ddoku@maseratiusa.com	201-816-2638
659	14576	2/16/2016	2016	HYX	16-HK-VERR-04	Light-Duty Vehicles and Trucks	9345	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
660	14823	3/28/2016	2015	NSX	FOI_NSX_VER_0021_BD_	Light-Duty Vehicles and Trucks	308	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
661	14852	4/11/2016	2011	FMX	15S34	Light-Duty Vehicles and Trucks	422773	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
662	14852	4/11/2016	2010	FMX	15S34	Light-Duty Vehicles and Trucks	422773	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
663	14516	2/15/2016	2016	KMX	16-HK-VERR-04a	Light-Duty Vehicles and Trucks	9345	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
664	14617	2/17/2016	2015	SZX	V1602	Heavy-Duty Highway Gas and Diesel Engines	8227	Y					Scott Crafard	scott.crafard@isza.com	734-582-9250
665	14643	2/19/2016	2009	TYX	TYX-VERR-20160222-01	Light-Duty Vehicles and Trucks	21022	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
666	14645	2/19/2016	2010	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
667	14645	2/19/2016	2009	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
668	14645	2/19/2016	2008	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
669	14676	2/26/2016	2009	JLX	Q539_VERR	Light-Duty Vehicles and Trucks	1934	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139
670	14816	2/29/2016	2014	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
671	14816	2/29/2016	2013	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
672	14816	2/29/2016	2012	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
646	tom.beierschmitt@tema.toyota.com	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
647		Fuel Delivery System	7/9/2015	2015	1519
648	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Fuel Tank Component	1/20/2016	2016	1
649	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Fuel Tank Component	1/20/2016	2016	1
650	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Fuel Tank Component	1/20/2016	2016	1
651	jgantchar@hatci.com	Evaporative Emissions Systems	3/15/2016	2016	4
652	ADAmbrosi@hatci.com	Computer Related (Other than OBD)	3/8/2016	2016	3
653		Fuel Tank Component	8/5/2015	2015	18
654		Emission Control Information Label	4/22/2016	2016	1293
655		On-Board Diagnostic (OBD) System	11/18/2015	2015	1506
656		Fuel Delivery System	5/12/2015	2015	1512
657	ddoku@maseratiusa.com	Monitoring/Measuring Sensor/System	2/26/2016	2016	2016
658	ddoku@maseratiusa.com	Monitoring/Measuring Sensor/System	2/26/2016	2016	2016
659	jgantchar@hatci.com	Evaporative Emissions Systems	3/15/2016	2016	4
660		Crankcase Ventilation Component/System	3/29/2016	2016	21
661		Evaporative Emissions Systems	11/20/2015	2015	1534
662		Evaporative Emissions Systems	11/20/2015	2015	1534
663	jgantchar@hatci.com	Evaporative Emissions Systems	3/15/2016	2016	4
664	isuzucert@isza.com	On-Board Diagnostic (OBD) System	2/26/2016	2016	1602
665	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Fuel Tank Component	4/15/2011	2011	2
666	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Crankcase Ventilation Component/System	9/1/2009	2009	3
667	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Crankcase Ventilation Component/System	9/1/2009	2009	3
668	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Crankcase Ventilation Component/System	9/1/2009	2009	3
669		On-Board Diagnostic (OBD) System	2/9/2016	2016	5
670	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
671	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
672	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4

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646	Toyota initiated an Extended Warranty Campaign on several MY Toyota, Lexus and Scion vehicles. On July 24, 2013, a settlement of claims for Economic Loss arising from allegations of unintended acceleration was approved. The settlement includes Toyota¿s agreement to provide a Customer Support Program (¿CSP¿) for 1998-2010 model year (MY) vehicles equipped with an Electronic Throttle Control System (ETCS) to enhance the coverage of certain components.
647	Some 2015 model year Mustang vehicles built prior to February 10, 2015 and built with a 2.3L EcoBoost engine may have been built without heat shields for the fuel tank and fuel vapor lines, contrary to design intent. The absence of heat shields creates the potential for fuel line and fuel tank degradation and leaks over time.
648	Subject vehicles are equipped with a fuel pump that could experience premature wear of internal components, causing it to become inoperative. If this occurs the vehicle will illuminate various warning lamps, including OBD MIL, and enter a fail-safe mode, reducing motive power.
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651	Some 2016 model year Kia Optima 2.0L Turbo/2.4L SULEV vehicles have assembled with improper emission parts. These vehicles are certified to LEV3 evap. emissions. However, a number of vehicles were installed with the air cleaner and canister intended for the LEV2 version of model.
652	Some 2011model year Kia Optima 2.4L SULEV vehicles experienced excess NMOG emissions due to incorrect calibration value about fuel adaption during the initial cold start-up period. This calibration may make rich air/fuel ratio than target value and lead to excess NMOG emissions.
653	On 2014MY Nissan Rogue* vehicles manufactured between SOP and June 7, 2014 the nickel plating material from the fuel pump's inner or outer casing/cover may detach due to fuel flow, vibration or pressure. Detached plating particles may move into the gap between the impeller and the casing/cover, causing the impeller to stop rotating. * Please note that the Rogue Select is not affected.
654	Certain 2016 Isuzu vehicles equipped with 6.0L engines and under 14,000 GVWR were built with Vehicle Emission Control Information Labels that are missing the required Greenhouse Gas (GHG) statement "This engine was certified to the alternate greenhouse gas emission standards of 40 CFR 1036.108." Certain 2016 Isuzu vehicles equipped with 6.0L engines over 14,000 GVWR were built with Vehicle Emission Control Information Labels that are missing the required sister vehicle test group.
655	On certain 2004 model year E-Series vehicles with the 5.4L engine, a calibration flaw exists that will prevent the catalyst monitor from reaching a ¿Ready¿ condition.
656	Some 2015 model year F-150 vehicles may have been built without needed heat shields over the fuel tank and fuel vapor lines, contrary to design intent. The absence of heat shields creates the potential for fuel line and fuel tank degradation and leaks over time.
657	ECM software upgrade to address rough drivability customer concerns. We are expanding the 2014 emission recall from 2014 models to cover 2015 models as well.
658	ECM software upgrade to address rough drivability customer concerns. We are expanding the 2014 emission recall from 2014 models to cover 2015 models as well.
659	Some 2016 model year Kia Optima 2.0L Turbo/2.4L SULEV vehicles have assembled with improper emission parts. These vehicles are certified to LEV3 evap. emissions. However, a number of vehicles were installed with the air cleaner and canister intended for the LEV2 version of model.
660	On some 2015MY Nissan NV200 Taxi vehicles, a coordinated change was made which required both a different PCV valve and a revised ECM program. Nissan has identified 308 vehicles that are no longer under factory inventory controls for which this coordinated change did not happen as planned - the PCV valve was changed, bu
661	Some 2010 and 2011 model year 2.5L non-HEV and 3.0L Fusion/Milan vehicles may experience leaking or stuck canister purge valves (CPV) due to wear of the armature. This condition may be caused by inadequate bonding between the armature sleeve and cover and/or excess travel of the armature. Field reports now indicate that this condition can potentially lead to fuel tank leaks/odors in vehicles produced before March 4, 2011. When a CPV develops a sufficiently large leak, closing the canister vent valve (CVV) may cause the vacuum to build quickly and "cork¿ the CVV closed such that the CVV will not open when commanded. The CVV will eventually open after a Key-Off condition occurs. The event induces a cyclic pressure on the steel fuel tank that exceeds the tank¿s design limit of vacuum. Repeated cycles of this event can fatigue the tank upper shell and may eventually result in a crack in the tank shell.
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663	Some 2016 model year Kia Optima 2.0L Turbo/2.4L SULEV vehicles have assembled with improper emission parts. These vehicles are certified to LEV3 evap. emissions. However, a number of vehicles were installed with the air cleaner and canister intended for the LEV2 version of model.
664	Isuzu has investigated field complaints for vehicles setting the DTC P0401 for EGR Low Flow diagnostic failure. Isuzu has determined that the diagnostic failure code was due to improper diagnostic threshold setting. Isuzu has found there was no actual component failure. Our investigation determined that the OBD system errone
665	During the manufacturing process of certain 2009 model year RAV4 vehicles, the protective coating (paint) applied to the fuel tank assembly (tank) may not have been properly applied on a small number of tanks. For this small number of tanks, the paint will begin to peel on the tank surface.
666	If the vehicle is operated in extremely low temperatures, there is a possibility that condensed moisture from a positive crankcase ventilation (PCV) port may seep into the brake system vacuum port and freeze. The port is located inside the intake manifold and provides vacuum assist for the brakes. Should this condition continue
667	If the vehicle is operated in extremely low temperatures, there is a possibility that condensed moisture from a positive crankcase ventilation (PCV) port may seep into the brake system vacuum port and freeze. The port is located inside the intake manifold and provides vacuum assist for the brakes. Should this condition continue
668	If the vehicle is operated in extremely low temperatures, there is a possibility that condensed moisture from a positive crankcase ventilation (PCV) port may seep into the brake system vacuum port and freeze. The port is located inside the intake manifold and provides vacuum assist for the brakes. Should this condition continue
669	Under certain driving conditions, some vehicles may erroneously display an illuminated Malfunction Indicator Lamp (MIL) as a result of over-sensitive monitoring of exhaust catalytic converters. However, this condition will not affect a vehicle¿s emissions or its performance.
670	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina
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672	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina

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646	Primary Coverage: All eligible vehicles would receive 3 additional years of coverage against defects in materials or workmanship in covered components from the start of CSP ELT-ELL, regardless of mileage. ¿ 3 Year with NO Mileage Restrictions. Coverage Effective: 08/07/13 ¿ 08/07/16 Secondary Coverage: ¿ After the 3 year Primary Coverage, Secondary Coverage against defects in material and workmanship is applied to the Original Manufacturer¿s Warranty for each covered component up to a limit of 150,000 miles or an additional 10 years, whichever comes first. ¿ Note: After the initial 3 year period, coverage under CSP ELT-ELL ends once the vehicle reaches 150,000 miles.
647	Affected vehicles will have heat shields for the fuel tank and vapor lines installed.
648	Replace the fuel pump with a new and improved wire harness and fuel pump assembly on certain 2010-2012MY Lexus HS250h vehicles.
649	Replace the fuel pump with a new and improved wire harness and fuel pump assembly on certain 2010-2012MY Lexus HS250h vehicles.
650	Replace the fuel pump with a new and improved wire harness and fuel pump assembly on certain 2010-2012MY Lexus HS250h vehicles.
651	The original parts (2.0 : air cleaner, canister, 2.4 : air cleaner) will be replaced during this recall. A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
652	Kia will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG emissions do not occur.
653	Nissan dealers will replace the fuel pump assembly.
654	New VECI labels with the required and correct GHG statement were printed. Since a new label can be easily installed, and to reduce customer inconvenience, corrected labels will be sent with installation instructions directly to customers of record. However, if the customers desire, they may bring the label to their dealer for in
655	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
656	Affected vehicles will have heat shields for the fuel tank and vapor lines installed.
657	ECM Reflash
658	ECM Reflash
659	The original parts (2.0 : air cleaner, canister, 2.4 : air cleaner) will be replaced during this recall. A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
660	300 vehicles are currently in transit or in dealer inventory and will be remedied prior to sale. 8 vehicles have been retailed - the customers of these retailed vehicles will be contacted by Nissan to notify them of the emission service campaign and remedy the vehicles. This modification consists of an ECM reprogram.
661	The CPV will be tested, removed, and replaced if necessary. Additionally, affected vehicles will have their fuel tanks inspected for cracks in the tank shell. If necessary, the fuel tank will be removed and replaced.
662	The CPV will be tested, removed, and replaced if necessary. Additionally, affected vehicles will have their fuel tanks inspected for cracks in the tank shell. If necessary, the fuel tank will be removed and replaced.
663	The original parts (2.0 : air cleaner, canister, 2.4 : air cleaner) will be replaced during this recall. A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
664	Isuzu will reprogram the ECM with a modified calibration. This modified calibration has already been prepared for MY 2016. The MY 2016 calibration shows improved EGR control robustness in testing for both P0401 and P0402 as compared to MY 2015.¿A field fix of the modified calibration for MY 2015 has already been submitte
665	All known owners of affected vehicles have been notified via first class mail that there is a Limited Service Campaign. Toyota dealers will inspect the paint on the surface of the tank and, if necessary, replace the fuel tank at no charge.
666	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
667	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
668	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
669	Affected vehicles will be repaired by reprogramming the Engine Control Module (ECM) with an updated calibration.
670	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
671	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
672	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.

	W
646	R.L. POLK and Toyota/Lexus/Scion Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
647	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
648	R.L. POLK and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
649	R.L. POLK and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
650	R.L. POLK and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
651	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
652	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
653	RL Polk
654	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through Isuzu Motors America Vehicle Identification Number records and R. L. Polk Company
655	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
656	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
657	Polk report
658	Polk report
659	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
660	RL Polk and/or internal records
661	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
662	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
663	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
664	The specific vehicles involved in this campaign have been identified by Vehicle Identification Number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners will be identified through Isuzu Motors Vehicle Identification Number records and Polk Company registration data
665	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
666	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
667	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
668	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
669	Jaguar Land Rover North America, LLC has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
670	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
671	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
672	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.

	X
646	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
647	Eligibility for this program is not conditioned upon proper maintenance or use.
648	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
649	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
650	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
651	There are no restrictions on eligibility.
652	There are no restrictions on eligibility.
653	None required
654	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
655	Eligibility for this program is not conditioned upon proper maintenance or use.
656	Eligibility for this program is not conditioned upon proper maintenance or use.
657	All vehicles are still in warranty all will receive the repair free of charge
658	All vehicles are still in warranty all will receive the repair free of charge
659	There are no restrictions on eligibility.
660	None required
661	Eligibility for this program is not conditioned upon proper maintenance or use.
662	Eligibility for this program is not conditioned upon proper maintenance or use.
663	There are no restrictions on eligibility.
664	All affected vehicles will have the ECM reprogramed at an Isuzu authorized dealer.¿This campaign is no charge for customer regardless of mileage, age of vehicle, or ownership.
665	No special conditions are required for eligibility of repair under this Limited Service Campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
666	No special conditions are required for eligibility of repair under this safety recall (a special service campaign). Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement co
667	No special conditions are required for eligibility of repair under this safety recall (a special service campaign). Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement co
668	No special conditions are required for eligibility of repair under this safety recall (a special service campaign). Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement co
669	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
670	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
671	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
672	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat

	Y
646	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota/Lexus/Scion dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
647	See Owner Notification Letter.
648	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
649	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
650	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
651	Owners will be instructed to contact their local Kia dealer to make an appointment to have this emission related recall service performed. Please see the attached draft owner notification letter for additional information.
652	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
653	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification "invitation to repair" letter.
654	An owner notification letter with a correct label will be sent to all customers of record. The letter will provide easy instructions to the owner on how to affix the label. The owner will be given the option of having a dealer affix the label at no charge. Since the new label can be easily installed, and doing so will reduce customer inc
655	See Owner Notification Letter.
656	See Owner Notification Letter.
657	Owners will bring their vehicles into an authorized Maserati Dealer
658	Owners will bring their vehicles into an authorized Maserati Dealer
659	Owners will be instructed to contact their local Kia dealer to make an appointment to have this emission related recall service performed. Please see the attached draft owner notification letter for additional information.
660	Due to the limited and regionally concentrated population, vehicle owners will be contacted by Nissan representatives. An appointment will be scheduled to have the service procedure performed.
661	See Owner Notification Letter.
662	See Owner Notification Letter.
663	Owners will be instructed to contact their local Kia dealer to make an appointment to have this emission related recall service performed. Please see the attached draft owner notification letter for additional information.
664	Isuzu will send owner notification letter to request the owner contact their nearest dealer to arrange a service appointment for the repair. This campaign is no charge for customer regardless of mileage, age of vehicle, or ownership. All affected vehicles will be reprogramed its ECM at the Isuzu authorized dealer.
665	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
666	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
667	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
668	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
669	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
670	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
671	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
672	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.

	Z
646	Any authorized Toyota/Lexus/Scion dealership.
647	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
648	The repair will be performed at Toyota dealerships only, and will take approximately 4 hours.
649	The repair will be performed at Toyota dealerships only, and will take approximately 4 hours.
650	The repair will be performed at Toyota dealerships only, and will take approximately 4 hours.
651	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
652	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
653	Only Nissan dealers will be authorized to perform this service.
654	Only Isuzu dealers and in-shop fleet warranty accounts are authorized to install a correct label, if the customer chooses not to install the label.
655	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
656	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
657	N/A
658	N/A
659	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
660	Only authorized service technicians or Nissan engineering staff will be authorized to perform this remedy.
661	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
662	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
663	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
664	Isuzu authorized dealers are permitted to provide this remedy.
665	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
666	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
667	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
668	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
669	All required repairs will be performed by Land Rover dealers.
670	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
671	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
672	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.

	AA
646	Parts are available for this campaign.
647	Dealers are to obtain parts for this repair through the Special Service Support Center.
648	There is sufficient inventory of the replacement parts to accommodate this campaign.
649	There is sufficient inventory of the replacement parts to accommodate this campaign.
650	There is sufficient inventory of the replacement parts to accommodate this campaign.
651	A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
652	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.
653	Campaign logistics is using phased mailing over several weeks to help ensure sufficient parts supply. Part stock will be monitored.
654	A correct label will be sent to all customers of record with the owner notification letter. Dealers can also obtain correct labels, if necessary, through Isuzu Motors America service organization. In the event the customer would misplace the label a replacement may be ordered through the service organization.
655	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
656	Dealers are to obtain parts for this repair through the Special Service Support Center.
657	Only a software upgrade
658	Only a software upgrade
659	A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
660	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.
661	Dealers are to obtain parts for this repair through the Special Service Support Center.
662	Dealers are to obtain parts for this repair through the Special Service Support Center.
663	A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
664	This campaign won¿t need any parts as this recall involves a recalibration of the ECM only
665	Parts are available for this concern.
666	Parts are available for this concern.
667	Parts are available for this concern.
668	Parts are available for this concern.
669	There are no parts required for this repair.
670	There is sufficient inventory of the replacement parts to accommodate this SPA.
671	There is sufficient inventory of the replacement parts to accommodate this SPA.
672	There is sufficient inventory of the replacement parts to accommodate this SPA.

	AB
646	Toyota VERR letter 'TYX-VERR-20151111-18' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
647	
648	Reference: EDIR #0042 (Manufacturer #TYX-DIR-20151104-13) Other documents: Frequently asked question sheet (FAQ) included.
649	Reference: EDIR #0042 (Manufacturer #TYX-DIR-20151104-13) Other documents: Frequently asked question sheet (FAQ) included.
650	Reference: EDIR #0042 (Manufacturer #TYX-DIR-20151104-13) Other documents: Frequently asked question sheet (FAQ) included.
651	
652	
653	1. Revised TSB 2. Revised DIR to NHTSA since this is a voluntary safety recall campaign.
654	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
655	9999 was used as EDIR number because no EDIR was filed, due to the issue being discovered after the defect reporting period had expired.
656	
657	
658	
659	This VERR replaces (KMX) 16-HK-VERR-04.
660	
661	
662	
663	Since the Kia models are certified in HYX test groups, this (KMX) VERR is being Inactivated and will be re-filed as (HYX) 16-HK-VERR-04 Even though Kia models are only affected in this voluntary recall, it was deeded more appropriate to file this VERR in the HYX database,
664	DET-16-014 Owner notification is not finally decided. Owner notification, dealer notification and other service related material will be submitted upon available.
665	Reference: EDIR EPA #0001; Toyota #TYX-EDIR-20160222-01
666	
667	
668	
669	The manufacturer's campaign number for this recall is Q539.
670	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).
671	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).
672	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).

	AC	AD	AE
646	No impact on fuel consumption.		4705
647	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4887
648	This repair will not affect fuel consumption.		4905
649	This repair will not affect fuel consumption.		4905
650	This repair will not affect fuel consumption.		4905
651	This repair will not affect fuel consumption of these vehicles.		4906
652	This repair will not affect fuel consumption of these vehicles.		4907
653	Fuel economy will not be affected by this fuel pump assembly replacement.		5125
654	There is no impact on fuel economy.		5205
655	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5248
656	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4945
657	None known, N/A		4965
658	None known, N/A		4965
659	This repair will not affect fuel consumption of these vehicles.		4985
660	Fuel economy will not be impacted.		5165
661	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5185
662	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5185
663	This repair will not affect fuel consumption of these vehicles.		4925
664	There is no impact on fuel economy because this remedy plan is to reprogram a diagnostic setting.		5025
665	This repair will not affect fuel consumption.		5045
666	This repair will not affect fuel consumption.		5046
667	This repair will not affect fuel consumption.		5046
668	This repair will not affect fuel consumption.		5046
669	There is no impact on fuel economy.		5065
670	This repair will not affect fuel consumption.		5145
671	This repair will not affect fuel consumption.		5145
672	This repair will not affect fuel consumption.		5145

	AF	AG	AH	AI
646		1	N	N
647		3	Y	Y
648		4	Y	Y
649		4	Y	Y
650		4	Y	Y
651		1	N	N
652		1	N	N
653	Updated and expanded manufacture date range and corresponding increased volume.	2	N	N
654		1	Y	N
655	Expanded the population of 5.4L E-Series vehicles covered by the remedial plan. The volumes reported previously are unchanged because the previous version of this plan inadvertently already included the population affected by the program expansion.	3	Y	Y
656		3	Y	Y
657		4	Y	Y
658		4	Y	Y
659		1	N	N
660		1	N	N
661		3	Y	Y
662		3	Y	Y
663	Because the test groups are HYX for these Kia models it was decided that the VERR would be re-filed in the HYX database.l	1	N	N
664		0	N	N
665		3	Y	Y
666		3	Y	Y
667		3	Y	Y
668		3	Y	Y
669	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
670	Other documents: Warranty policy bulletin for dealers.	2	N	N
671	Other documents: Warranty policy bulletin for dealers.	2	N	N
672	Other documents: Warranty policy bulletin for dealers.	2	N	N

	AJ	AK	AL	AM
646	N	Y	196690	No impact on driveability.
647	N	N	203329	Ford engineering judgment indicates that the corrective action should not affect drivability.
648	N	Y	203841	This repair will not affect drivability.
649	N	Y	203841	This repair will not affect drivability.
650	N	Y	203841	This repair will not affect drivability.
651	N	N	203951	This repair will not affect driveability of these vehicles.
652	N	N	203971	This repair will not drivability of these vehicles.
653	N	Y	207019	An instances of drivability issues associated with the old pumps will be rectified by this fuel pump assembly replacement.
654	N	N	210302	There is no impact on drivability.
655	N	N	211180	Ford engineering judgment indicates that the corrective action should not affect drivability.
656	N	N	204404	Ford engineering judgment indicates that the corrective action should not affect drivability.
657	N	Y	204415	None know, N/A
658	N	Y	204415	None know, N/A
659	N	N	204428	This repair will not affect driveability of these vehicles.
660	N	N	207823	Drivability may be affected. Symptoms may include poor idle quality and/or vehicle hesitation.
661	N	N	208833	Ford engineering judgment indicates that the corrective action should not affect drivability.
662	N	N	208833	Ford engineering judgment indicates that the corrective action should not affect drivability.
663	N	N	204294	This repair will not affect driveability of these vehicles.
664	N	N	204820	There is no drivability change because this remedy plan is to reprogram a diagnostic setting.
665	N	N	205443	This repair will not affect drivability.
666	N	N	205445	Drivability (brake performance) will be improved
667	N	N	205445	Drivability (brake performance) will be improved
668	N	N	205445	Drivability (brake performance) will be improved
669	Y	N	205722	There is no impact on driveability.
670	N	Y	207448	This repair will not affect driveability.
671	N	Y	207448	This repair will not affect driveability.
672	N	Y	207448	This repair will not affect driveability.

	AN	AO	AP	AQ	AR
646	No impact on safety.	N	4490	0	0024
647	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	4672	0	1601
648	This repair will not affect safety.	N	4690	0	0042
649	This repair will not affect safety.	N	4690	0	0042
650	This repair will not affect safety.	N	4690	0	0042
651	This repair will not affect safety of these vehicles.	Y	4691	1	0094
652	This repair will not affect the safety of these vehicles.	Y	4692	1	0089
653	This is being conducted as a voluntary safety recall campaign to improve customer safety in the rare event that the old fuel pump assembly does not operate as anticipated.	Y	4910	1	0052
654	There is no impact on safety.	N	4990	0	1293
655	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5011	1	9999
656	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	4730	0	1602
657	None	N	4750	1	2016
658	None	N	4750	1	2016
659	This repair will not affect safety of these vehicles.	Y	4770	1	0094
660	Safety will not be impacted.	N	4950	0	0063
661	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	4970	0	1102
662	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	4970	0	1102
663	This repair will not affect safety of these vehicles.	Y	4710	2	0094
664	There is no impact on safety because this remedy plan is to reprogram a diagnostic setting.	N	4810	0	1602
665	This repair will improve safety.	N	4830	0	0001
666	Safety will be improved due to improved brake performance.	N	4831	0	0002
667	Safety will be improved due to improved brake performance.	N	4831	0	0002
668	Safety will be improved due to improved brake performance.	N	4831	0	0002
669	There is no impact safety.	Y	4850	0	0033
670	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4930	1	0001
671	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4930	1	0001
672	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4930	1	0001

	AS	AT	AU
646	N	9/1/2013	1
647	Y		1
648	Y		1
649	Y		1
650	Y		1
651	N	3/16/2016	1
652	N	3/9/2016	1
653	N	5/10/2016	1
654	Y		1
655	Y		1
656	Y		1
657	Y	2/29/2016	1
658	Y	2/29/2016	1
659	N	3/16/2016	1
660	N	4/29/2016	1
661	Y		1
662	Y		1
663	N	3/16/2016	1
664	N		1
665	Y		1
666	Y		1
667	Y		1
668	Y		1
669	N		1
670	Y		1
671	Y		1
672	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
673	14816	2/29/2016	2011	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
674	14816	2/29/2016	2010	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
675	14817	2/19/2016	2009	TYX	TYX-VERR-20160222-01	Light-Duty Vehicles and Trucks	21022	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
676	14818	2/19/2016	2010	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
677	14818	2/19/2016	2009	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
678	14818	2/19/2016	2008	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
679	14853	4/11/2016	2014	CRX	R69	Light-Duty Vehicles and Trucks	11411	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
680	14956	5/4/2016	2014	CRX	S01	Light-Duty Vehicles and Trucks	45	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
681	14696	2/29/2016	2014	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
682	14696	2/29/2016	2013	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
683	14696	2/29/2016	2012	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
684	14696	2/29/2016	2011	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
685	14696	2/29/2016	2010	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
686	14717	3/3/2016	2014	FJX	1515	Light-Duty Vehicles and Trucks	29214	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
687	14717	3/3/2016	2015	FJX	1515	Light-Duty Vehicles and Trucks	29214	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
688	14983	5/13/2016	2014	FPX	0006	Heavy-Duty Highway Gas and Diesel Engines	12930	Y					Mr Brandon Baumgartner	brandon.baumgartner@cnhind.com	6304811954
689	14983	5/13/2016	2013	FPX	0006	Heavy-Duty Highway Gas and Diesel Engines	12930	Y					Mr Brandon Baumgartner	brandon.baumgartner@cnhind.com	6304811954
690	14983	5/13/2016	2012	FPX	0006	Heavy-Duty Highway Gas and Diesel Engines	12930	Y					Mr Brandon Baumgartner	brandon.baumgartner@cnhind.com	6304811954

	P	Q	R	S	T
673	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
674	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
675	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Fuel Tank Component	4/15/2011	2011	2
676	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Crankcase Ventilation Component/System	9/1/2009	2009	3
677	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Crankcase Ventilation Component/System	9/1/2009	2009	3
678	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Crankcase Ventilation Component/System	9/1/2009	2009	3
679	mark.finsterwald@fcagroup.com	Selective Catalytic Reduction System	4/8/2016	2016	1569
680	dennis.rakicki@fcagroup.com	Monitoring/Measuring Sensor/System	5/2/2016	2016	1601
681	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
682	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
683	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
684	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
685	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
686		Ignition Component	2/11/2016	2016	1515
687		Ignition Component	2/11/2016	2016	1515
688	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
689	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
690	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6

	U
673	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina
674	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina
675	During the manufacturing process of certain 2009 model year RAV4 vehicles, the protective coating (paint) applied to the fuel tank assembly (tank) may not have been properly applied on a small number of tanks. For this small number of tanks, the paint will begin to peel on the tank surface.
676	If the vehicle is operated in extremely low temperatures, there is a possibility that condensed moisture from a positive crankcase ventilation (PCV) port may seep into the brake system vacuum port and freeze. The port is located inside the intake manifold and provides vacuum assist for the brakes. Should this condition continue
677	If the vehicle is operated in extremely low temperatures, there is a possibility that condensed moisture from a positive crankcase ventilation (PCV) port may seep into the brake system vacuum port and freeze. The port is located inside the intake manifold and provides vacuum assist for the brakes. Should this condition continue
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679	Some 2014 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing catalyst (¿SCR¿) washcoat degradation, which could lead to exceedance of exhaust emissions standards.
680	Some 2014 MY Ram Promaster (¿VF¿) vehicles equipped with the 3.0L diesel engine (sales code EXG) may not be able to detect poor quality diesel exhaust fluid (¿DEF¿) according to the Executive Order from the California Air Resources Board (¿CARB¿) approving the emission test group for the 2014 MY VF diesel vehicles.
681	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina
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685	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina
686	Some 2015 Subaru Impreza WRX 2.0L DIT and 2014-2015 Subaru Forester XT 2.0L DIT (turbo) models may experience spark knock or engine "ping" resulting in unstable engine combustion. The OBDII system will illuminate the Check Engine Light (CEL) for stored misfire (right & left bank) DTCs P0300 through P0304. Under certain high engine load driving conditions, engine combustion may occur prior to spark ignition resulting in elevated cylinder temperatures and pressures. This could cause a rough idle and engine noise, and if left unaddressed it could lead to excessive erosion of the spark plugs and possible engine damage.
687	Some 2015 Subaru Impreza WRX 2.0L DIT and 2014-2015 Subaru Forester XT 2.0L DIT (turbo) models may experience spark knock or engine "ping" resulting in unstable engine combustion. The OBDII system will illuminate the Check Engine Light (CEL) for stored misfire (right & left bank) DTCs P0300 through P0304. Under certain high engine load driving conditions, engine combustion may occur prior to spark ignition resulting in elevated cylinder temperatures and pressures. This could cause a rough idle and engine noise, and if left unaddressed it could lead to excessive erosion of the spark plugs and possible engine damage.
688	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
689	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
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	V
673	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
674	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
675	All known owners of affected vehicles have been notified via first class mail that there is a Limited Service Campaign. Toyota dealers will inspect the paint on the surface of the tank and, if necessary, replace the fuel tank at no charge.
676	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
677	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
678	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
679	FCA US will conduct a Voluntary Emission Recall (R69) on all affected vehicles to replace SCRs with ones that have an improved washcoat
680	FCA will conduct a Voluntary Emissions Recall on the population of affected vehicles pursuant to the provisions within a California Executive Order, that were not repaired under Service Bulletin 18-018-15 to reprogram the powertrain control module with the CARB-approved DEF quality and inducement strategy calibration.
681	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
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685	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
686	CARB approved Subaru's voluntary remedial plan for Service Program WQW58 on February 10, 2016. The repair consists of vehicle inspection and ECM reprogramming.
687	CARB approved Subaru's voluntary remedial plan for Service Program WQW58 on February 10, 2016. The repair consists of vehicle inspection and ECM reprogramming.
688	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
689	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
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	W
673	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
674	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
675	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
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678	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
679	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
680	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
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685	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
686	Subaru used R.L. Polk vehicle owner database for identifying the affected 2014-2015 model year Subaru vehicles registered in 50-States. All owners were notified by first class mail starting on February 11, 2016. Authorized Subaru Dealers received the attached Subaru Service Program Bulletin WQW58 instructions electronically
687	Subaru used R.L. Polk vehicle owner database for identifying the affected 2014-2015 model year Subaru vehicles registered in 50-States. All owners were notified by first class mail starting on February 11, 2016. Authorized Subaru Dealers received the attached Subaru Service Program Bulletin WQW58 instructions electronically
688	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
689	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
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	X
673	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
674	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
675	No special conditions are required for eligibility of repair under this Limited Service Campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
676	No special conditions are required for eligibility of repair under this safety recall (a special service campaign). Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement co
677	No special conditions are required for eligibility of repair under this safety recall (a special service campaign). Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement co
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679	None.
680	None.
681	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
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686	None.
687	None.
688	No specific restrictions to prevent eligibility for this remedial action.
689	No specific restrictions to prevent eligibility for this remedial action.
690	No specific restrictions to prevent eligibility for this remedial action.

	Y
673	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
674	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
675	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
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678	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
679	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
680	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
681	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
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685	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
686	Affected owners were requested by notification letter (see attached Subaru Service Program Bulletin WQW58) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary for vehicle inspection and complete ECM reprogramming is app
687	Affected owners were requested by notification letter (see attached Subaru Service Program Bulletin WQW58) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary for vehicle inspection and complete ECM reprogramming is app
688	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
689	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
690	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.

	Z
673	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
674	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
675	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
676	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
677	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
678	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
679	None.
680	None.
681	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
682	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
683	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
684	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
685	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
686	None.
687	None.
688	None other than Mitsubishi Fuso Authorized Dealers or their agents.
689	None other than Mitsubishi Fuso Authorized Dealers or their agents.
690	None other than Mitsubishi Fuso Authorized Dealers or their agents.

	AA
673	There is sufficient inventory of the replacement parts to accommodate this SPA.
674	There is sufficient inventory of the replacement parts to accommodate this SPA.
675	Parts are available for this concern.
676	Parts are available for this concern.
677	Parts are available for this concern.
678	Parts are available for this concern.
679	FCA US LLC will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
680	FCA US will supply all dealers with the updated calibration and software required to reprogram the Powertrain Control Module (PCM).
681	There is sufficient inventory of the replacement parts to accommodate this SPA.
682	There is sufficient inventory of the replacement parts to accommodate this SPA.
683	There is sufficient inventory of the replacement parts to accommodate this SPA.
684	There is sufficient inventory of the replacement parts to accommodate this SPA.
685	There is sufficient inventory of the replacement parts to accommodate this SPA.
686	The corrective repair consists of vehicle inspection and ECM reprogramming as outlined in the attached Subaru Service Program Bulletin WQW58. Upon inspection of any related spark plug or engine damage is found, the Subaru Dealer will order the necessary appropriate parts to make the corrective repair. Subaru estimates th
687	The corrective repair consists of vehicle inspection and ECM reprogramming as outlined in the attached Subaru Service Program Bulletin WQW58. Upon inspection of any related spark plug or engine damage is found, the Subaru Dealer will order the necessary appropriate parts to make the corrective repair. Subaru estimates th
688	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
689	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
690	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m

	AB
673	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).
674	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).
675	Reference: EDIR EPA #0001; Toyota #TYX-EDIR-20160222-01.
676	
677	
678	
679	
680	
681	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).
682	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).
683	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).
684	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).
685	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014).
686	Subaru Service Program Bulletin WQW58, which contains dealer repair instructions and the owner notification letter, is being revised and will be submitted to EPA and ECARS shortly.
687	Subaru Service Program Bulletin WQW58, which contains dealer repair instructions and the owner notification letter, is being revised and will be submitted to EPA and ECARS shortly.
688	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
689	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
690	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.

	AC	AD	AE
673	This repair will not affect fuel consumption.		5145
674	This repair will not affect fuel consumption.		5145
675	This repair will not affect fuel consumption.		5146
676	This repair will not affect fuel consumption.		5147
677	This repair will not affect fuel consumption.		5147
678	This repair will not affect fuel consumption.		5147
679	None.		5186
680	None.		5225
681	This repair will not affect fuel consumption.		5085
682	This repair will not affect fuel consumption.		5085
683	This repair will not affect fuel consumption.		5085
684	This repair will not affect fuel consumption.		5085
685	This repair will not affect fuel consumption.		5085
686	None.		5105
687	None.		5105
688	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5347
689	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5347
690	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5347

	AF	AG	AH	AI
673	Other documents: Warranty policy bulletin for dealers.	2	N	N
674	Other documents: Warranty policy bulletin for dealers.	2	N	N
675	Updated: # of supporting documents.	2	N	Y
676	Update the correct number and type of supporting documents.	4	Y	Y
677	Update the correct number and type of supporting documents.	4	Y	Y
678	Update the correct number and type of supporting documents.	4	Y	Y
679		2	Y	N
680		2	Y	N
681		3	Y	Y
682		3	Y	Y
683		3	Y	Y
684		3	Y	Y
685		3	Y	Y
686		1	Y	N
687		1	Y	N
688	Separate VERR will be submitted to cover EDIR7 corrective actions.	5	Y	Y
689	Separate VERR will be submitted to cover EDIR7 corrective actions.	5	Y	Y
690	Separate VERR will be submitted to cover EDIR7 corrective actions.	5	Y	Y

	AJ	AK	AL	AM
673	N	Y	207448	This repair will not affect driveability.
674	N	Y	207448	This repair will not affect driveability.
675	N	N	207449	This repair will not affect drivability.
676	N	N	207450	Drivability (brake performance) will be improved
677	N	N	207450	Drivability (brake performance) will be improved
678	N	N	207450	Drivability (brake performance) will be improved
679	N	N	208857	None.
680	N	N	211156	None.
681	N	N	205839	This repair will not affect driveability.
682	N	N	205839	This repair will not affect driveability.
683	N	N	205839	This repair will not affect driveability.
684	N	N	205839	This repair will not affect driveability.
685	N	N	205839	This repair will not affect driveability.
686	N	N	206043	Customers reported rough or poor engine drivability and engine knocking noise conditions along with MIL illumination.
687	N	N	206043	Customers reported rough or poor engine drivability and engine knocking noise conditions along with MIL illumination.
688	Y	Y	212339	There are no expected impacts to drivability.
689	Y	Y	212339	There are no expected impacts to drivability.
690	Y	Y	212339	There are no expected impacts to drivability.

	AN	AO	AP	AQ	AR
673	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4930	1	0001
674	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4930	1	0001
675	This repair will improve safety.	N	4931	1	0001
676	Safety will be improved due to improved brake performance.	N	4932	1	0002
677	Safety will be improved due to improved brake performance.	N	4932	1	0002
678	Safety will be improved due to improved brake performance.	N	4932	1	0002
679	None.	N	4971	0	1412
680	None.	N	5010	0	1601
681	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4870	0	0001
682	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4870	0	0001
683	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4870	0	0001
684	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4870	0	0001
685	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	4870	0	0001
686	None.	N	4890	0	1515
687	None.	N	4890	0	1515
688	There are no expected impacts to safety.	N	5132	1	0005,0008,0009,0013,0014,0015,0016,0017,0018,0019
689	There are no expected impacts to safety.	N	5132	1	0005,0008,0009,0013,0014,0015,0016,0017,0018,0019
690	There are no expected impacts to safety.	N	5132	1	0005,0008,0009,0013,0014,0015,0016,0017,0018,0019

	AS	AT	AU
673	Y		1
674	Y		1
675	Y		1
676	Y		1
677	Y		1
678	Y		1
679	Y	4/9/2016	1
680	Y	5/3/2016	1
681	Y		1
682	Y		1
683	Y		1
684	Y		1
685	Y		1
686	Y	2/12/2016	1
687	Y	2/12/2016	1
688	Y		1
689	Y		1
690	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
691	14983	5/13/2016	2011	FPX	0006	Heavy-Duty Highway Gas and Diesel Engines	12930	Y					Mr Brandon Baumgartner	brandon.baumgartner@cnhind.com	6304811954
692	14984	5/13/2016	2014	FPX	0006	Light-Duty Vehicles and Trucks	12930	Y					Mr Brandon Baumgartner	brandon.baumgartner@cnhind.com	6304811954
693	14984	5/13/2016	2013	FPX	0006	Light-Duty Vehicles and Trucks	12930	Y					Mr Brandon Baumgartner	brandon.baumgartner@cnhind.com	6304811954
694	14984	5/13/2016	2012	FPX	0006	Light-Duty Vehicles and Trucks	12930	Y					Mr Brandon Baumgartner	brandon.baumgartner@cnhind.com	6304811954
695	14984	5/13/2016	2011	FPX	0006	Light-Duty Vehicles and Trucks	12930	Y					Mr Brandon Baumgartner	brandon.baumgartner@cnhind.com	6304811954
696	14985	5/13/2016	2015	FMX	15M02	Heavy-Duty Highway Gas and Diesel Engines	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
697	14985	5/13/2016	2014	FMX	15M02	Heavy-Duty Highway Gas and Diesel Engines	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
698	14985	5/13/2016	2013	FMX	15M02	Heavy-Duty Highway Gas and Diesel Engines	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
699	14985	5/13/2016	2012	FMX	15M02	Heavy-Duty Highway Gas and Diesel Engines	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122

	P	Q	R	S	T
691	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
692	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
693	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
694	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
695	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
696		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
697		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
698		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
699		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582

	U
691	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
692	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
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696	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
697	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
698	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
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	V
691	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
692	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
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696	Ford will extend the warranty coverage on EGT sensors to the full useful life of 11 years / 120,000 miles. Dealers will replace faulty EGT sensors with an enhanced part. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
697	Ford will extend the warranty coverage on EGT sensors to the full useful life of 11 years / 120,000 miles. Dealers will replace faulty EGT sensors with an enhanced part. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
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	W
691	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
692	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
693	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
694	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
695	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
696	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
697	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
698	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
699	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.

	X
691	No specific restrictions to prevent eligibility for this remedial action.
692	No specific restrictions to prevent eligibility for this remedial action.
693	No specific restrictions to prevent eligibility for this remedial action.
694	No specific restrictions to prevent eligibility for this remedial action.
695	No specific restrictions to prevent eligibility for this remedial action.
696	Eligibility for this program is not conditioned upon proper maintenance or use.
697	Eligibility for this program is not conditioned upon proper maintenance or use.
698	Eligibility for this program is not conditioned upon proper maintenance or use.
699	Eligibility for this program is not conditioned upon proper maintenance or use.

	Y
691	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
692	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
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695	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
696	See Owner Notification Letter.
697	See Owner Notification Letter.
698	See Owner Notification Letter.
699	See Owner Notification Letter.

	Z
691	None other than Mitsubishi Fuso Authorized Dealers or their agents.
692	None other than Mitsubishi Fuso Authorized Dealers or their agents.
693	None other than Mitsubishi Fuso Authorized Dealers or their agents.
694	None other than Mitsubishi Fuso Authorized Dealers or their agents.
695	None other than Mitsubishi Fuso Authorized Dealers or their agents.
696	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
697	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
698	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
699	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.

	AA
691	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
692	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
693	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
694	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
695	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
696	Dealers are to obtain parts for this repair through the Special Service Support Center.
697	Dealers are to obtain parts for this repair through the Special Service Support Center.
698	Dealers are to obtain parts for this repair through the Special Service Support Center.
699	Dealers are to obtain parts for this repair through the Special Service Support Center.

	AB
691	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
692	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
693	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
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695	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
696	
697	
698	
699	

	AC	AD	AE
691	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5347
692	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5266
693	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5266
694	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5266
695	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5266
696	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5271
697	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5271
698	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5271
699	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5271

	AF	AG	AH	AI
691	Separate VERR will be submitted to cover EDIR7 corrective actions.	5	Y	Y
692	Separate VERR will be submitted to cover EDIR7 corrective actions.	5	Y	Y
693	Separate VERR will be submitted to cover EDIR7 corrective actions.	5	Y	Y
694	Separate VERR will be submitted to cover EDIR7 corrective actions.	5	Y	Y
695	Separate VERR will be submitted to cover EDIR7 corrective actions.	5	Y	Y
696		3	Y	Y
697		3	Y	Y
698		3	Y	Y
699		3	Y	Y

	AJ	AK	AL	AM
691	Y	Y	212339	There are no expected impacts to drivability.
692	Y	Y	212339	There are no expected impacts to drivability.
693	Y	Y	212339	There are no expected impacts to drivability.
694	Y	Y	212339	There are no expected impacts to drivability.
695	Y	Y	212339	There are no expected impacts to drivability.
696	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
697	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
698	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
699	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.

	AN	AO	AP	AQ	AR
691	There are no expected impacts to safety.	N	5132	1	0005,0008,0009,0013,0014,0015,0016,0017,0018,0019
692	There are no expected impacts to safety.	N	5051	1	0005,0008,0009,0013,0014,0015,0016,0017,0018,0019
693	There are no expected impacts to safety.	N	5051	1	0005,0008,0009,0013,0014,0015,0016,0017,0018,0019
694	There are no expected impacts to safety.	N	5051	1	0005,0008,0009,0013,0014,0015,0016,0017,0018,0019
695	There are no expected impacts to safety.	N	5051	1	0005,0008,0009,0013,0014,0015,0016,0017,0018,0019
696	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5055	0	1311
697	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5055	0	1311
698	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5055	0	1311
699	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5055	0	1311

	AS	AT	AU
691	Y		1
692	Y		1
693	Y		1
694	Y		1
695	Y		1
696	Y		1
697	Y		1
698	Y		1
699	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
700	14985	5/13/2016	2011	FMX	15M02	Heavy-Duty Highway Gas and Diesel Engines	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
701	14986	5/13/2016	2015	FMX	15M02	Light-Duty Vehicles and Trucks	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
702	14986	5/13/2016	2014	FMX	15M02	Light-Duty Vehicles and Trucks	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
703	14986	5/13/2016	2013	FMX	15M02	Light-Duty Vehicles and Trucks	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
704	14986	5/13/2016	2012	FMX	15M02	Light-Duty Vehicles and Trucks	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
705	14986	5/13/2016	2011	FMX	15M02	Light-Duty Vehicles and Trucks	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
706	14976	5/10/2016	2014	FPX	0006	Heavy-Duty Highway Gas and Diesel Engines	12930	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
707	14976	5/10/2016	2013	FPX	0006	Heavy-Duty Highway Gas and Diesel Engines	12930	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
708	14976	5/10/2016	2012	FPX	0006	Heavy-Duty Highway Gas and Diesel Engines	12930	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
709	14976	5/10/2016	2011	FPX	0006	Heavy-Duty Highway Gas and Diesel Engines	12930	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832

	P	Q	R	S	T
700		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
701		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
702		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
703		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
704		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
705		Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
706	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
707	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
708	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
709	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6

	U
700	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
701	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
702	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
703	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
704	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
705	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
706	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
707	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
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	V
700	Ford will extend the warranty coverage on EGT sensors to the full useful life of 11 years / 120,000 miles. Dealers will replace faulty EGT sensors with an enhanced part. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
701	Ford will extend the warranty coverage on EGT sensors to the full useful life of 11 years / 120,000 miles. Dealers will replace faulty EGT sensors with an enhanced part. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
702	Ford will extend the warranty coverage on EGT sensors to the full useful life of 11 years / 120,000 miles. Dealers will replace faulty EGT sensors with an enhanced part. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
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705	Ford will extend the warranty coverage on EGT sensors to the full useful life of 11 years / 120,000 miles. Dealers will replace faulty EGT sensors with an enhanced part. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
706	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit to combat water intrusion in the fuel injectors (EDIR 0007) as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
707	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit to combat water intrusion in the fuel injectors (EDIR 0007) as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
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	W
700	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
701	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
702	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
703	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
704	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
705	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
706	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
707	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
708	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
709	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.

	X
700	Eligibility for this program is not conditioned upon proper maintenance or use.
701	Eligibility for this program is not conditioned upon proper maintenance or use.
702	Eligibility for this program is not conditioned upon proper maintenance or use.
703	Eligibility for this program is not conditioned upon proper maintenance or use.
704	Eligibility for this program is not conditioned upon proper maintenance or use.
705	Eligibility for this program is not conditioned upon proper maintenance or use.
706	No specific restrictions to prevent eligibility for this remedial action.
707	No specific restrictions to prevent eligibility for this remedial action.
708	No specific restrictions to prevent eligibility for this remedial action.
709	No specific restrictions to prevent eligibility for this remedial action.

	Y
700	See Owner Notification Letter.
701	See Owner Notification Letter.
702	See Owner Notification Letter.
703	See Owner Notification Letter.
704	See Owner Notification Letter.
705	See Owner Notification Letter.
706	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
707	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
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	Z
700	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
701	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
702	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
703	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
704	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
705	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
706	None other than Mitsubishi Fuso Authorized Dealers or their agents.
707	None other than Mitsubishi Fuso Authorized Dealers or their agents.
708	None other than Mitsubishi Fuso Authorized Dealers or their agents.
709	None other than Mitsubishi Fuso Authorized Dealers or their agents.

	AA
700	Dealers are to obtain parts for this repair through the Special Service Support Center.
701	Dealers are to obtain parts for this repair through the Special Service Support Center.
702	Dealers are to obtain parts for this repair through the Special Service Support Center.
703	Dealers are to obtain parts for this repair through the Special Service Support Center.
704	Dealers are to obtain parts for this repair through the Special Service Support Center.
705	Dealers are to obtain parts for this repair through the Special Service Support Center.
706	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
707	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
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	AB
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706	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
707	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
708	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
709	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.

	AC	AD	AE
700	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5271
701	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5268
702	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5268
703	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5268
704	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5268
705	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5268
706	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5247
707	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5247
708	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5247
709	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5247

	AF	AG	AH	AI
700		3	Y	Y
701		3	Y	Y
702		3	Y	Y
703		3	Y	Y
704		3	Y	Y
705		3	Y	Y
706	The number of related documents has increased to reflect the additional documents submitted.	5	Y	Y
707	The number of related documents has increased to reflect the additional documents submitted.	5	Y	Y
708	The number of related documents has increased to reflect the additional documents submitted.	5	Y	Y
709	The number of related documents has increased to reflect the additional documents submitted.	5	Y	Y

	AJ	AK	AL	AM
700	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
701	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
702	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
703	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
704	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
705	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
706	Y	Y	211842	There are no expected impacts to drivability.
707	Y	Y	211842	There are no expected impacts to drivability.
708	Y	Y	211842	There are no expected impacts to drivability.
709	Y	Y	211842	There are no expected impacts to drivability.

	AN	AO	AP	AQ	AR
700	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5055	0	1311
701	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5053	0	1311
702	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5053	0	1311
703	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5053	0	1311
704	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5053	0	1311
705	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5053	0	1311
706	There are no expected impacts to safety.	N	5030	0	0005,0007,0008,0009,0013,0014,0015,0016,0017,0018,0019
707	There are no expected impacts to safety.	N	5030	0	0005,0007,0008,0009,0013,0014,0015,0016,0017,0018,0019
708	There are no expected impacts to safety.	N	5030	0	0005,0007,0008,0009,0013,0014,0015,0016,0017,0018,0019
709	There are no expected impacts to safety.	N	5030	0	0005,0007,0008,0009,0013,0014,0015,0016,0017,0018,0019

	AS	AT	AU
700	Y		1
701	Y		1
702	Y		1
703	Y		1
704	Y		1
705	Y		1
706	Y		1
707	Y		1
708	Y		1
709	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
710	14987	5/12/2016	2014	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	286771	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
711	14987	5/12/2016	2013	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	286771	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
712	14987	5/12/2016	2012	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	286771	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
713	14977	5/10/2016	2014	FPX	0006	Light-Duty Vehicles and Trucks	12930	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
714	14977	5/10/2016	2013	FPX	0006	Light-Duty Vehicles and Trucks	12930	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
715	14977	5/10/2016	2012	FPX	0006	Light-Duty Vehicles and Trucks	12930	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
716	14977	5/10/2016	2011	FPX	0006	Light-Duty Vehicles and Trucks	12930	N					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832
717	15036	5/24/2016	2016	HMX	AA2M0	Heavy-Duty Highway Gas and Diesel Engines	2842	Y					Mr Yukitake Kudo	YKudo@HMMUSA.COM	248-442-6882
718	15037	5/24/2016	2016	HMX	AA2N0	Heavy-Duty Highway Gas and Diesel Engines	401	Y					Mr Yukitake Kudo	YKudo@HMMUSA.COM	248-442-6882

	P	Q	R	S	T
710	tom.beierschmitt@toyota.com; arvon.mitcham@toyota.com	Computer Related (Other than OBD)	4/25/2016	2016	5
711	tom.beierschmitt@toyota.com; arvon.mitcham@toyota.com	Computer Related (Other than OBD)	4/25/2016	2016	5
712	tom.beierschmitt@toyota.com; arvon.mitcham@toyota.com	Computer Related (Other than OBD)	4/25/2016	2016	5
713	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
714	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
715	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
716	brandon.baumgartner@cnhind.com	Selective Catalytic Reduction System	7/18/2016	2016	6
717		On-Board Diagnostic (OBD) System	5/27/2016	2016	15
718		On-Board Diagnostic (OBD) System	5/27/2016	2016	16

	U
710	Under some operating conditions, the Engine Control Module (ECM) may set a DTC if debris/ice becomes lodged in the air switching valve. If this condition occurs, the MIL may illuminate and the vehicle could enter a "Fail-Safe" Mode (also known as "Limp-Home" Mode). Upon entering a "Fail-Safe" Mode, a subsequent reduction in vehicle power and speed will occur.
711	Under some operating conditions, the Engine Control Module (ECM) may set a DTC if debris/ice becomes lodged in the air switching valve. If this condition occurs, the MIL may illuminate and the vehicle could enter a "Fail-Safe" Mode (also known as "Limp-Home" Mode). Upon entering a "Fail-Safe" Mode, a subsequent reduction in vehicle power and speed will occur.
712	Under some operating conditions, the Engine Control Module (ECM) may set a DTC if debris/ice becomes lodged in the air switching valve. If this condition occurs, the MIL may illuminate and the vehicle could enter a "Fail-Safe" Mode (also known as "Limp-Home" Mode). Upon entering a "Fail-Safe" Mode, a subsequent reduction in vehicle power and speed will occur.
713	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
714	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
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716	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
717	The PM sensor of the subject vehicle population does not include the following necessary monitors. PM sensor tip clogged PM sensor not in exhaust stream PM sensor fixed resistance PM sensor module performance (gain too high) There is no warranty claim report on this defect. So we didn't submit EDIR.
718	The PM sensor of the subject vehicle population does not include the following necessary monitors. PM sensor tip clogged PM sensor not in exhaust stream PM sensor fixed resistance PM sensor module performance (gain too high) There is no warranty claim report on this defect. So we didn't submit EDIR.

	V
710	Toyota will initiate a special service campaign to perform a software update to the Engine Control Module (ECM) on certain Toyota 2012-2014MY Tundra/Sequoia with 3UR-FE or 3UR-FBE engine.
711	Toyota will initiate a special service campaign to perform a software update to the Engine Control Module (ECM) on certain Toyota 2012-2014MY Tundra/Sequoia with 3UR-FE or 3UR-FBE engine.
712	Toyota will initiate a special service campaign to perform a software update to the Engine Control Module (ECM) on certain Toyota 2012-2014MY Tundra/Sequoia with 3UR-FE or 3UR-FBE engine.
713	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit to combat water intrusion in the fuel injectors (EDIR 0007) as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
714	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit to combat water intrusion in the fuel injectors (EDIR 0007) as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
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716	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit to combat water intrusion in the fuel injectors (EDIR 0007) as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
717	Reprogram to software equipped with diagnoses of PM sensor monitor capability.¿
718	Reprogram to software equipped with diagnoses of PM sensor monitor capability.¿

	W
710	All known owners of affected vehicles will be notified via first class mail that there is a special service campaign for MIL illumination and a software update to the ECM. Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
711	All known owners of affected vehicles will be notified via first class mail that there is a special service campaign for MIL illumination and a software update to the ECM. Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
712	All known owners of affected vehicles will be notified via first class mail that there is a special service campaign for MIL illumination and a software update to the ECM. Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
713	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
714	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
715	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
716	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
717	Hino Motors Sales U.S.A. Inc. ("HMS"), which is our distributor in U.S.A. obtained vehicle registration data from sales data.
718	Hino Motors Sales U.S.A. Inc. ("HMS"), which is our distributor in U.S.A. obtained vehicle registration data from sales data.

	X
710	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
711	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
712	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
713	No specific restrictions to prevent eligibility for this remedial action.
714	No specific restrictions to prevent eligibility for this remedial action.
715	No specific restrictions to prevent eligibility for this remedial action.
716	No specific restrictions to prevent eligibility for this remedial action.
717	No applicable
718	No applicable

	Y
710	Toyota will initiate a service campaign and notify all affected owners by mail to have their vehicles serviced at a Toyota dealership. The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
711	Toyota will initiate a service campaign and notify all affected owners by mail to have their vehicles serviced at a Toyota dealership. The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
712	Toyota will initiate a service campaign and notify all affected owners by mail to have their vehicles serviced at a Toyota dealership. The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
713	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
714	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
715	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
716	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
717	HMS will also send a Customer Notification Letter to each owner of the subject vehicles through first class mail. All necessary information is included in this notification.
718	HMS will also send a Customer Notification Letter to each owner of the subject vehicles through first class mail. All necessary information is included in this notification.

	Z
710	The repair will be performed at Toyota dealerships only, and will take approximately 30 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
711	The repair will be performed at Toyota dealerships only, and will take approximately 30 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
712	The repair will be performed at Toyota dealerships only, and will take approximately 30 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
713	None other than Mitsubishi Fuso Authorized Dealers or their agents.
714	None other than Mitsubishi Fuso Authorized Dealers or their agents.
715	None other than Mitsubishi Fuso Authorized Dealers or their agents.
716	None other than Mitsubishi Fuso Authorized Dealers or their agents.
717	There is no authorized warranty agents or persons other than HMS¿s dealers.
718	There is no authorized warranty agents or persons other than HMS¿s dealers.

	AA
710	There is no part replacement since this is a software update. Therefore, an adequate supply of parts is not a concern.
711	There is no part replacement since this is a software update. Therefore, an adequate supply of parts is not a concern.
712	There is no part replacement since this is a software update. Therefore, an adequate supply of parts is not a concern.
713	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
714	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
715	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
716	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
717	All necessary software and tools for this voluntary recall were provided to HMS and will be distributed to authorized dealers in advance of the date the Customer Notification will begin.
718	All necessary software and tools for this voluntary recall were provided to HMS and will be distributed to authorized dealers in advance of the date the Customer Notification will begin.

	AB
710	Reference: EDIR #0001, Mfr. #Toyota-DIR-20150105
711	Reference: EDIR #0001, Mfr. #Toyota-DIR-20150105
712	Reference: EDIR #0001, Mfr. #Toyota-DIR-20150105
713	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
714	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
715	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
716	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
717	Please see attached Running Change request.
718	Please see attached Running Change request.

	AC	AD	AE
710	This repair will not affect fuel consumption.		5269
711	This repair will not affect fuel consumption.		5269
712	This repair will not affect fuel consumption.		5269
713	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5246
714	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5246
715	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5246
716	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5246
717	No impact		5288
718	No impact		5289

	AF	AG	AH	AI
710		3	Y	Y
711		3	Y	Y
712		3	Y	Y
713	The number of related documents has increased to reflect the additional documents submitted.	5	Y	Y
714	The number of related documents has increased to reflect the additional documents submitted.	5	Y	Y
715	The number of related documents has increased to reflect the additional documents submitted.	5	Y	Y
716	The number of related documents has increased to reflect the additional documents submitted.	5	Y	Y
717	Blank "Test Group/Engine Family" area is deleted.	3	Y	N
718	Blank "Test Group/Engine Family" area is deleted.	3	Y	N

	AJ	AK	AL	AM
710	N	N	212417	This repair will not affect driveability.
711	N	N	212417	This repair will not affect driveability.
712	N	N	212417	This repair will not affect driveability.
713	Y	Y	211842	There are no expected impacts to drivability.
714	Y	Y	211842	There are no expected impacts to drivability.
715	Y	Y	211842	There are no expected impacts to drivability.
716	Y	Y	211842	There are no expected impacts to drivability.
717	N	Y	213472	No impact
718	N	Y	213478	No impact

	AN	AO	AP	AQ	AR
710	This repair will not affect fsafety.	N	5054	0	0001
711	This repair will not affect fsafety.	N	5054	0	0001
712	This repair will not affect fsafety.	N	5054	0	0001
713	There are no expected impacts to safety.	N	5031	0	0005,0007,0008,0009,0013,0014,0015,0016,0017,0018,0019
714	There are no expected impacts to safety.	N	5031	0	0005,0007,0008,0009,0013,0014,0015,0016,0017,0018,0019
715	There are no expected impacts to safety.	N	5031	0	0005,0007,0008,0009,0013,0014,0015,0016,0017,0018,0019
716	There are no expected impacts to safety.	N	5031	0	0005,0007,0008,0009,0013,0014,0015,0016,0017,0018,0019
717	No impact	N	5073	0	0000
718	No impact	N	5074	0	0000

	AS	AT	AU
710	Y		1
711	Y		1
712	Y		1
713	Y		1
714	Y		1
715	Y		1
716	Y		1
717	Y		1
718	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
719	15038	5/24/2016	2016	FJX	1601	Light-Duty Vehicles and Trucks	18188	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
720	15038	5/24/2016	2015	FJX	1601	Light-Duty Vehicles and Trucks	18188	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
721	15124	6/15/2016	2016	TYX	TYX-VERR-20160615	Light-Duty Vehicles and Trucks	330	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
722	15124	6/15/2016	2015	TYX	TYX-VERR-20160615	Light-Duty Vehicles and Trucks	330	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
723	15166	6/24/2016	2012	FMX	16B24	Heavy-Duty Highway Gas and Diesel Engines	73909	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
724	15166	6/24/2016	2011	FMX	16B24	Heavy-Duty Highway Gas and Diesel Engines	73909	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
725	15178	6/29/2016	2014	FMX	15E05	Heavy-Duty Highway Gas and Diesel Engines	91042	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
726	15178	6/29/2016	2013	FMX	15E05	Heavy-Duty Highway Gas and Diesel Engines	91042	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
727	15178	6/29/2016	2012	FMX	15E05	Heavy-Duty Highway Gas and Diesel Engines	91042	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
728	15178	6/29/2016	2011	FMX	15E05	Heavy-Duty Highway Gas and Diesel Engines	91042	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
729	15096	6/3/2016	2013	CRX	P01	Light-Duty Vehicles and Trucks	113161	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
730	15096	6/3/2016	2012	CRX	P01	Light-Duty Vehicles and Trucks	113161	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
731	15096	6/3/2016	2011	CRX	P01	Light-Duty Vehicles and Trucks	113161	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
732	15096	6/3/2016	2010	CRX	P01	Light-Duty Vehicles and Trucks	113161	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
733	15096	6/3/2016	2009	CRX	P01	Light-Duty Vehicles and Trucks	113161	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
734	15099	6/3/2016	2016	HNX	VERR-16-004	Light-Duty Vehicles and Trucks	39	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421

	P	Q	R	S	T
719		Air Inlet/Intake System	4/15/2016	2016	1601
720		Air Inlet/Intake System	4/15/2016	2016	1601
721	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Emission Control Information Label	5/27/2016	2016	6
722	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Emission Control Information Label	5/27/2016	2016	6
723		Turbocharger/Supercharger	6/24/2016	2016	1624
724		Turbocharger/Supercharger	6/24/2016	2016	1624
725		Computer Related (Other than OBD)	6/27/2016	2016	1505
726		Computer Related (Other than OBD)	6/27/2016	2016	1505
727		Computer Related (Other than OBD)	6/27/2016	2016	1505
728		Computer Related (Other than OBD)	6/27/2016	2016	1505
729	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	2/19/2014	2014	1401
730	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	2/19/2014	2014	1401
731	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	2/19/2014	2014	1401
732	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	2/19/2014	2014	1401
733	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	2/19/2014	2014	1401
734		Fuel Tank Component	7/8/2016	2016	16

	U
719	Some 2015 and 2016 Subaru WRX 2.0L DIT and 2015 and 2016 Subaru Forester XT 2.0L DIT (turbo) models may experience unstable idling, reduced engine power, and possible engine stall. The OBDII system will illuminate the Check Engine Light (CEL) for stored Diagnostic Trouble Code (DTC) P0171 (System too lean). The stored DTC is believed due to a crack in the branch part of the intake duct in front of turbocharger. FHI concluded that the crack had occurred due to the use of inappropriate material for the branch part of the intake duct.
720	Some 2015 and 2016 Subaru WRX 2.0L DIT and 2015 and 2016 Subaru Forester XT 2.0L DIT (turbo) models may experience unstable idling, reduced engine power, and possible engine stall. The OBDII system will illuminate the Check Engine Light (CEL) for stored Diagnostic Trouble Code (DTC) P0171 (System too lean). The stored DTC is believed due to a crack in the branch part of the intake duct in front of turbocharger. FHI concluded that the crack had occurred due to the use of inappropriate material for the branch part of the intake duct.
721	It was found that the Emission Control Information Label was not applied to the back side of the engine hood during production for Hawaii, Guam, Puerto Rico, and Saipan markets.
722	It was found that the Emission Control Information Label was not applied to the back side of the engine hood during production for Hawaii, Guam, Puerto Rico, and Saipan markets.
723	Some 2011 and 2012 model year engine dynamometer-certified F-Series Super Duty vehicles with 6.7L Diesel engines may experience high cycle fatigue (HCF) damage to the turbocharger vanes. Such damage may occur if the turbine vanes reach resonance due to excessive turbine speed and turbine expansion ratios.
724	Some 2011 and 2012 model year engine dynamometer-certified F-Series Super Duty vehicles with 6.7L Diesel engines may experience high cycle fatigue (HCF) damage to the turbocharger vanes. Such damage may occur if the turbine vanes reach resonance due to excessive turbine speed and turbine expansion ratios.
725	Some E-Series cutaway and stripped chassis vehicles with 2011 - 2014 engine model year 6.8L engines, which were certified under Part 86 test procedures, may not pass emission standards when tested using Part 1065 test procedures.
726	Some E-Series cutaway and stripped chassis vehicles with 2011 - 2014 engine model year 6.8L engines, which were certified under Part 86 test procedures, may not pass emission standards when tested using Part 1065 test procedures.
727	Some E-Series cutaway and stripped chassis vehicles with 2011 - 2014 engine model year 6.8L engines, which were certified under Part 86 test procedures, may not pass emission standards when tested using Part 1065 test procedures.
728	Some E-Series cutaway and stripped chassis vehicles with 2011 - 2014 engine model year 6.8L engines, which were certified under Part 86 test procedures, may not pass emission standards when tested using Part 1065 test procedures.
729	Originally, FCA US reported that on some 2009-2012 model year (MY) Dodge Challenger, Dodge Charger and Chrysler 300 vehicles equipped with a 5.7L MDS engine and 3.06, 3.73 and 3.92 axle ratios have an injection-molded Tight Side Chain Guide (TSCG) that may fracture, and, if so, possibly cause the timing chain to break. Recently, additional investigation and analysis shows that these same MY 2009-2011 vehicles, equipped with a 2.65 axle ratio, are also experiencing some TSCG fractures. We further found that these same vehicles, but manufactured in the 2013 MY with 3.06, 373 and 3.92 axle ratios and built through March 8, 2013, are also affected.
730	Originally, FCA US reported that on some 2009-2012 model year (MY) Dodge Challenger, Dodge Charger and Chrysler 300 vehicles equipped with a 5.7L MDS engine and 3.06, 3.73 and 3.92 axle ratios have an injection-molded Tight Side Chain Guide (TSCG) that may fracture, and, if so, possibly cause the timing chain to break. Recently, additional investigation and analysis shows that these same MY 2009-2011 vehicles, equipped with a 2.65 axle ratio, are also experiencing some TSCG fractures. We further found that these same vehicles, but manufactured in the 2013 MY with 3.06, 373 and 3.92 axle ratios and built through March 8, 2013, are also affected.
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734	Some plastic fuel tanks were incorrectly manufactured with insufficient welding between the fuel vent {ORVR} tube and the fuel tank. This may result in the weld separation and EVAP leakage in the market.

	V
719	CARB approved Subaru's voluntary remedial plan for Safety Recall WTA-62 on April 12, 2016, and issued their approval letter on April 19, 2016. Subaru will inspect the lot number molded on the engine turbocharger air intake duct to determine if it was produced with incorrect material. If a specific lot number is found, the duct wil
720	CARB approved Subaru's voluntary remedial plan for Safety Recall WTA-62 on April 12, 2016, and issued their approval letter on April 19, 2016. Subaru will inspect the lot number molded on the engine turbocharger air intake duct to determine if it was produced with incorrect material. If a specific lot number is found, the duct wil
721	All known owners of affected vehicles will be notified via first class mail that there is a voluntary Emissions Recall for the VECI Label.
722	All known owners of affected vehicles will be notified via first class mail that there is a voluntary Emissions Recall for the VECI Label.
723	Ford will recalibrate vehicles to prevent high cycle fatigue.
724	Ford will recalibrate vehicles to prevent high cycle fatigue.
725	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
726	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
727	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
728	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
729	As we also previously reported, FCA US conducted an emission-related voluntary Customer Satisfaction Notification (P01) on all the original affected vehicles to replace the timing chain, the tensioner, and a guide (metal reinforced) in March 2014. With respect to this notice of amended VERR 1401, FCA is expanding the Customer
730	As we also previously reported, FCA US conducted an emission-related voluntary Customer Satisfaction Notification (P01) on all the original affected vehicles to replace the timing chain, the tensioner, and a guide (metal reinforced) in March 2014. With respect to this notice of amended VERR 1401, FCA is expanding the Customer
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733	As we also previously reported, FCA US conducted an emission-related voluntary Customer Satisfaction Notification (P01) on all the original affected vehicles to replace the timing chain, the tensioner, and a guide (metal reinforced) in March 2014. With respect to this notice of amended VERR 1401, FCA is expanding the Customer
734	The fuel tank will be replaced by a Honda/Acura dealership.

	W
719	Subaru used R.L. Polk vehicle owner database for identifying the affected 2015-2016 model year Subaru vehicles registered in 50-States. All owners were notified by first class mail starting on April 15, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Bulletin WTA62 instructions electronically prior to t
720	Subaru used R.L. Polk vehicle owner database for identifying the affected 2015-2016 model year Subaru vehicles registered in 50-States. All owners were notified by first class mail starting on April 15, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Bulletin WTA62 instructions electronically prior to t
721	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
722	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
723	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
724	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
725	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
726	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
727	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
728	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
729	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
730	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
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733	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
734	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.

	X
719	None.
720	None.
721	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
722	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
723	Eligibility for this program is not conditioned upon proper maintenance or use.
724	Eligibility for this program is not conditioned upon proper maintenance or use.
725	Eligibility for this program is not conditioned upon proper maintenance or use.
726	Eligibility for this program is not conditioned upon proper maintenance or use.
727	Eligibility for this program is not conditioned upon proper maintenance or use.
728	Eligibility for this program is not conditioned upon proper maintenance or use.
729	None.
730	None.
731	None.
732	None.
733	None.
734	No pre-conditions exist. Repair will be made free-of-charge.

	Y
719	Affected owners were requested by notification letter (see attached Subaru Safety Recall Program Bulletin WTA62) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary for only vehicle inspection is 10 minutes and an additional
720	Affected owners were requested by notification letter (see attached Subaru Safety Recall Program Bulletin WTA62) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary for only vehicle inspection is 10 minutes and an additional
721	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
722	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
723	See Owner Notification Letter.
724	See Owner Notification Letter.
725	See Owner Notification Letter.
726	See Owner Notification Letter.
727	See Owner Notification Letter.
728	See Owner Notification Letter.
729	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
730	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
731	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
732	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
733	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
734	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Honda/Acura dealer and make an appointment to have the vehicle repaired.

	Z
719	None.
720	None.
721	The repair will be performed at Toyota dealerships only, and will take approximately 45 minutes.
722	The repair will be performed at Toyota dealerships only, and will take approximately 45 minutes.
723	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
724	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
725	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
726	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
727	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
728	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
729	None.
730	None.
731	None.
732	None.
733	None.
734	Work can only be performed by an authorized Honda/Acura dealership.

	AA
719	The corrective repair consists of vehicle inspection and air intake duct replacement if a specific lot number is found as outlined in the attached Subaru Safety Recall Bulletin WTA62. Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
720	The corrective repair consists of vehicle inspection and air intake duct replacement if a specific lot number is found as outlined in the attached Subaru Safety Recall Bulletin WTA62. Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
721	There is sufficient inventory of the replacement parts to accommodate this recall.
722	There is sufficient inventory of the replacement parts to accommodate this recall.
723	The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
724	The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
725	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
726	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
727	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
728	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
729	FCA US will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
730	FCA US will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
731	FCA US will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
732	FCA US will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
733	FCA US will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
734	Currently have a sufficient supply of replacement tanks available.

	AB
719	
720	
721	Reference: EPA EDIR #0005, Mfr. EDIR #TYX-DIR-20160427 Other Documents Included: Signed cover page from company representative.
722	Reference: EPA EDIR #0005, Mfr. EDIR #TYX-DIR-20160427 Other Documents Included: Signed cover page from company representative.
723	
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734	Related Documents: Draft Honda and Acura Customer Notification Honda Service Bulletin 16-051 and Acura Service Bulletin 16-032

	AC	AD	AE
719	None.		5287
720	None.		5287
721	This repair will not affect fuel consumption.		5325
722	This repair will not affect fuel consumption.		5325
723	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5346
724	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5346
725	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5348
726	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5348
727	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5348
728	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5348
729	None.		5305
730	None.		5305
731	None.		5305
732	None.		5305
733	None.		5305
734	None		5306

	AF	AG	AH	AI
719		2	Y	N
720		2	Y	N
721		3	N	Y
722		3	N	Y
723		3	Y	Y
724		3	Y	Y
725		3	Y	Y
726		3	Y	Y
727		3	Y	Y
728		3	Y	Y
729	Reflects expansion of P01 per Defect Description below.	2	Y	N
730	Reflects expansion of P01 per Defect Description below.	2	Y	N
731	Reflects expansion of P01 per Defect Description below.	2	Y	N
732	Reflects expansion of P01 per Defect Description below.	2	Y	N
733	Reflects expansion of P01 per Defect Description below.	2	Y	N
734		2	Y	N

	AJ	AK	AL	AM
719	N	N	213482	Affected Subaru customer vehicles may experience unstable idling, reduced engine power, and possible engine stall condition along with MIL illumination.
720	N	N	213482	Affected Subaru customer vehicles may experience unstable idling, reduced engine power, and possible engine stall condition along with MIL illumination.
721	N	Y	215347	This repair will not affect driveability.
722	N	Y	215347	This repair will not affect driveability.
723	N	N	216394	Ford engineering judgment indicates that the corrective action should not affect drivability.
724	N	N	216394	Ford engineering judgment indicates that the corrective action should not affect drivability.
725	N	N	216778	Ford engineering judgment indicates that the corrective action should not affect drivability.
726	N	N	216778	Ford engineering judgment indicates that the corrective action should not affect drivability.
727	N	N	216778	Ford engineering judgment indicates that the corrective action should not affect drivability.
728	N	N	216778	Ford engineering judgment indicates that the corrective action should not affect drivability.
729	N	N	214339	None.
730	N	N	214339	None.
731	N	N	214339	None.
732	N	N	214339	None.
733	N	N	214339	None.
734	N	N	214480	None

	AN	AO	AP	AQ	AR
719	As stated above, there is a possibility of an engine stall condition.	N	5072	0	1601
720	As stated above, there is a possibility of an engine stall condition.	N	5072	0	1601
721	This repair will not affect safety.	N	5110	0	0005
722	This repair will not affect safety.	N	5110	0	0005
723	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5134	0	0011
724	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5134	0	0011
725	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5133	0	1511
726	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5133	0	1511
727	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5133	0	1511
728	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5133	0	1511
729	None.	N	5090	1	1310
730	None.	N	5090	1	1310
731	None.	N	5090	1	1310
732	None.	N	5090	1	1310
733	None.	N	5090	1	1310
734	None	Y	5091	0	0077

	AS	AT	AU
719	Y	4/16/2016	1
720	Y	4/16/2016	1
721	Y		1
722	Y		1
723	Y		1
724	Y		1
725	Y		1
726	Y		1
727	Y		1
728	Y		1
729	Y	5/31/2016	1
730	Y	5/31/2016	1
731	Y	5/31/2016	1
732	Y	5/31/2016	1
733	Y	5/31/2016	1
734	N	8/2/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
735	15099	6/3/2016	2015	HNX	VERR-16-004	Light-Duty Vehicles and Trucks	39	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
736	15184	6/30/2016	2016	NSX	FOI_NSX_VER_0023_BD_	Light-Duty Vehicles and Trucks	327696	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
737	15184	6/30/2016	2015	NSX	FOI_NSX_VER_0023_BD_	Light-Duty Vehicles and Trucks	327696	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
738	15197	7/6/2016	2013	CRX	X63	Light-Duty Vehicles and Trucks	60162	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
739	15197	7/6/2016	2012	CRX	X63	Light-Duty Vehicles and Trucks	60162	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
740	15198	7/6/2016	2017	FMX	16E01	Light-Duty Vehicles and Trucks	81	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
741	15206	7/8/2016	2015	CRX	S18	Light-Duty Vehicles and Trucks	319	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
742	15207	7/8/2016	2016	TYX	TYX-VERR-20160708	Light-Duty Vehicles and Trucks	24100	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
743	15207	7/8/2016	2015	TYX	TYX-VERR-20160708	Light-Duty Vehicles and Trucks	24100	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
744	15222	7/14/2016	2012	TYX	TYX-VERR-20151104-16	Light-Duty Vehicles and Trucks	546600	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
745	15222	7/14/2016	2011	TYX	TYX-VERR-20151104-16	Light-Duty Vehicles and Trucks	546600	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
746	15222	7/14/2016	2010	TYX	TYX-VERR-20151104-16	Light-Duty Vehicles and Trucks	546600	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
747	15236	7/20/2016	2014	TYX	TOYOTA-VERR-20160720	Light-Duty Vehicles and Trucks	108600	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
748	15236	7/20/2016	2013	TYX	TOYOTA-VERR-20160720	Light-Duty Vehicles and Trucks	108600	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
749	15236	7/20/2016	2012	TYX	TOYOTA-VERR-20160720	Light-Duty Vehicles and Trucks	108600	N					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
750	15276	7/29/2016	2016	GMX	1308	Light-Duty Vehicles and Trucks	1027	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
751	15306	8/4/2016	2013	NSX	FOI_NSX_VER_0025_BD_	Light-Duty Vehicles and Trucks	1140	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
752	15306	8/4/2016	2012	NSX	FOI_NSX_VER_0025_BD_	Light-Duty Vehicles and Trucks	1140	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
753	15336	8/17/2016	2016	VGA	VG-0006	Light-Duty Vehicles and Trucks	31983	N					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208
754	15336	8/17/2016	2015	VGA	VG-0006	Light-Duty Vehicles and Trucks	31983	N					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208
755	15356	8/22/2016	2016	VGA	VG-0006-01	Light-Duty Vehicles and Trucks	31983	Y					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208
756	15356	8/22/2016	2015	VGA	VG-0006-01	Light-Duty Vehicles and Trucks	31983	Y					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208
757	15377	8/23/2016	2014	KMX	16-HK-VERR-05	Light-Duty Vehicles and Trucks	119565	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
758	15377	8/23/2016	2012	KMX	16-HK-VERR-05	Light-Duty Vehicles and Trucks	119565	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
759	15377	8/23/2016	2011	KMX	16-HK-VERR-05	Light-Duty Vehicles and Trucks	119565	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
760	15377	8/23/2016	2010	KMX	16-HK-VERR-05	Light-Duty Vehicles and Trucks	119565	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
761	15377	8/23/2016	2009	KMX	16-HK-VERR-05	Light-Duty Vehicles and Trucks	119565	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
762	15377	8/23/2016	2015	KMX	16-HK-VERR-05	Light-Duty Vehicles and Trucks	119565	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
763	15377	8/23/2016	2013	KMX	16-HK-VERR-05	Light-Duty Vehicles and Trucks	119565	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027

	P	Q	R	S	T
735		Fuel Tank Component	7/8/2016	2016	16
736		On-Board Diagnostic (OBD) System	7/29/2016	2016	23
737		On-Board Diagnostic (OBD) System	7/29/2016	2016	23
738	mark.finsterwald@fcagroup.com	Exhaust Gas Recirculation (EGR) System	6/30/2016	2016	63
739	mark.finsterwald@fcagroup.com	Exhaust Gas Recirculation (EGR) System	6/30/2016	2016	63
740		Fuel Tank Component	6/14/2016	2016	1601
741	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	7/7/2016	2016	1618
742	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Oxygen Sensor	6/20/2016	2016	7
743	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Oxygen Sensor	6/20/2016	2016	7
744	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Exhaust Gas Recirculation (EGR) System	6/27/2016	2016	8
745	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Exhaust Gas Recirculation (EGR) System	6/27/2016	2016	8
746	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Exhaust Gas Recirculation (EGR) System	6/27/2016	2016	8
747	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	6/30/2016	2016	9
748	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	6/30/2016	2016	9
749	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	6/30/2016	2016	9
750		Fuel Delivery Component	7/28/2016	2016	1308
751		Hybrid Vehicle Component/System	8/15/2016	2016	25
752		Hybrid Vehicle Component/System	8/15/2016	2016	25
753	N/A	Monitoring/Measuring Sensor/System	9/15/2013	2013	6
754	N/A	Monitoring/Measuring Sensor/System	9/15/2013	2013	6
755	N/A	Monitoring/Measuring Sensor/System	9/15/2013	2013	6
756	N/A	Monitoring/Measuring Sensor/System	9/15/2013	2013	6
757	ADAmbrosi@hatci.com	Evaporative Emissions Systems	9/12/2016	2016	5
758	ADAmbrosi@hatci.com	Evaporative Emissions Systems	9/12/2016	2016	5
759	ADAmbrosi@hatci.com	Evaporative Emissions Systems	9/12/2016	2016	5
760	ADAmbrosi@hatci.com	Evaporative Emissions Systems	9/12/2016	2016	5
761	ADAmbrosi@hatci.com	Evaporative Emissions Systems	9/12/2016	2016	5
762	ADAmbrosi@hatci.com	Evaporative Emissions Systems	9/12/2016	2016	5
763	ADAmbrosi@hatci.com	Evaporative Emissions Systems	9/12/2016	2016	5

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735	Some plastic fuel tanks were incorrectly manufactured with insufficient welding between the fuel vent (ORVR) tube and the fuel tank. This may result in the weld separation and EVAP leakage in the market.
736	In the case that a Bosch Rear Oxygen (O2) Sensor is shorted-to-ground or shorted-to-battery, the sensor fails, but the MIL is not illuminated, nor is a DTC set. In such an instance, the rear O2 sensor OBD monitor and other exhaust gas composition sensor monitors are disabled and an ¿empty can¿ catalyst determination would not
737	In the case that a Bosch Rear Oxygen (O2) Sensor is shorted-to-ground or shorted-to-battery, the sensor fails, but the MIL is not illuminated, nor is a DTC set. In such an instance, the rear O2 sensor OBD monitor and other exhaust gas composition sensor monitors are disabled and an ¿empty can¿ catalyst determination would not
738	Some 2012-2013 model year RAM 1500 vehicles, equipped with a 4.7L engine may have an EGR Valve pintle that accumulates soot and under certain conditions could stick, illuminating the Malfunction Indicator Light (MIL).
739	Some 2012-2013 model year RAM 1500 vehicles, equipped with a 4.7L engine may have an EGR Valve pintle that accumulates soot and under certain conditions could stick, illuminating the Malfunction Indicator Light (MIL).
740	Certain 2017 Model Year 2.5L Escape gasoline-only vehicles may have been built with a fuel filler pipe incorrectly indicating the vehicles are capable of operation on E85 fuel.
741	Some 2015 MY Jeep® Patriot and Jeep® Compass (¿MK¿) and Dodge Journey (¿JC¿) vehicles may experience low engine oil pressure, originating from an oil consumption issue, which may result in oil starvation and possible engine failure. Root cause was determined to be a cylinder head machining issue which created a low pressure oil leak path to the combustion chamber, consuming engine oil
742	The subject vehicles are equipped with an Oxygen Sensor which could experience degradation of the Oxygen Sensor wiring harness. The degradation is caused by vehicle vibration during normal operation. If the degradation occurs, the Malfunction Indicator Lamp (MIL) vehicle will illuminate the Malfunction Indicator Lamp (MIL)
743	The subject vehicles are equipped with an Oxygen Sensor which could experience degradation of the Oxygen Sensor wiring harness. The degradation is caused by vehicle vibration during normal operation. If the degradation occurs, the Malfunction Indicator Lamp (MIL) vehicle will illuminate the Malfunction Indicator Lamp (MIL)
744	This VERR presents information about vibration due to rough idle and/or tapping noise from the HV transaxle at cold start and possibly Malfunction Indicator Light (MIL) ¿ON¿ condition with Diagnostic Trouble Code (DTC) P0300, P0301, P0302, P0303, P0304, and P0401. Some Prius, Prius V, Prius PHV, and CT200h vehicles may exhi
745	This VERR presents information about vibration due to rough idle and/or tapping noise from the HV transaxle at cold start and possibly Malfunction Indicator Light (MIL) ¿ON¿ condition with Diagnostic Trouble Code (DTC) P0300, P0301, P0302, P0303, P0304, and P0401. Some Prius, Prius V, Prius PHV, and CT200h vehicles may exhi
746	This VERR presents information about vibration due to rough idle and/or tapping noise from the HV transaxle at cold start and possibly Malfunction Indicator Light (MIL) ¿ON¿ condition with Diagnostic Trouble Code (DTC) P0300, P0301, P0302, P0303, P0304, and P0401. Some Prius, Prius V, Prius PHV, and CT200h vehicles may exhi
747	Toyota submits information about a ZF5 Warranty Enhancement for the Hybrid Inverter Assembly. This is a warranty extension to the previously issued Voluntary Emission Recall Report (VERR), Toyota ¿VERR-20150807 which was related to ¿Toyota Safety Recall F0R¿. This ZF5 Warranty Enhancement Program provides an extensio
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750	On certain 2016 MY Volt vehicles the flexible fuel feed line jumper pipe located at the front of the engine may seep fuel at either, or both, quick connect crimp joints. During a period of four days the supplier of this part did not crimp these connectors to specification due to inadequate hydraulic pressure.
751	In the event of a hybrid powertrain cooling system malfunction, resulting in a system overheat condition, a warning telltale will illuminate to warn the driver. If the warning lamp is ignored and the vehicle continues to be operated for a prolonged period of time, the hybrid powertrain control module logic will shut off the engine, a
752	In the event of a hybrid powertrain cooling system malfunction, resulting in a system overheat condition, a warning telltale will illuminate to warn the driver. If the warning lamp is ignored and the vehicle continues to be operated for a prolonged period of time, the hybrid powertrain control module logic will shut off the engine, a
753	Audi has determined that, on certain Audi vehicles with a 3.0L TFSI engine manufactured during a specific period, the diagnostic detection thresholds were found to be too sensitive. The analysis of replaced MIL on catalyst shows that the diagnostic threshold illuminates the MIL although the catalyst fulfills the emission standards. To avoid a false MIL on effect, the OBD monitoring parameter has been modified. The Malfunction Indicator Light (MIL) may come on even though the catalytic converters are working properly. If the MIL is on, a vehicle will not pass an emissions inspection.
754	Audi has determined that, on certain Audi vehicles with a 3.0L TFSI engine manufactured during a specific period, the diagnostic detection thresholds were found to be too sensitive. The analysis of replaced MIL on catalyst shows that the diagnostic threshold illuminates the MIL although the catalyst fulfills the emission standards. To avoid a false MIL on effect, the OBD monitoring parameter has been modified. The Malfunction Indicator Light (MIL) may come on even though the catalytic converters are working properly. If the MIL is on, a vehicle will not pass an emissions inspection.
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757	Some 2009~2015 model year Rondo/Optima/Sedona have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0442(Evap. system small leak), P0455 (Evap. system large leak) and P0456 (Evap. system very small leak) set. The defect is a crack of the canister, and main cause is insert-nut cor
758	Some 2009~2015 model year Rondo/Optima/Sedona have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0442(Evap. system small leak), P0455 (Evap. system large leak) and P0456 (Evap. system very small leak) set. The defect is a crack of the canister, and main cause is insert-nut cor
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	V
735	The fuel tank will be replaced by a Honda/Acura dealership.
736	Nissan will reprogram the Engine Control Module to update the OBD software.
737	Nissan will reprogram the Engine Control Module to update the OBD software.
738	FCA US LLC (FCA) will provide an extended warranty (X63) for the EGR Valve, from 3 years/50,000 miles to 6 years/100,000 miles.
739	FCA US LLC (FCA) will provide an extended warranty (X63) for the EGR Valve, from 3 years/50,000 miles to 6 years/100,000 miles.
740	Dealers will replace the fuel filler pipe with one indicating the vehicle is capable of gasoline-only (E0-E15) operation. There is no functional difference between the filler pipes.
741	FCA US will conduct a Customer Satisfaction Notification (S18) on affected vehicles built from May 6, 2015 through June 24, 2015, to replace the engine.
742	Replacement of the Oxygen Sensor via special service campaign for MIL illumination at no cost to vehicle owners.
743	Replacement of the Oxygen Sensor via special service campaign for MIL illumination at no cost to vehicle owners.
744	Toyota is initiating an extension of warranty coverage for sticking exhaust gas recirculation (EGR) valve. The warranty enhancement extends the Primary Coverage until March 31, 2017 with unlimited mileage and the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
745	Toyota is initiating an extension of warranty coverage for sticking exhaust gas recirculation (EGR) valve. The warranty enhancement extends the Primary Coverage until March 31, 2017 with unlimited mileage and the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
746	Toyota is initiating an extension of warranty coverage for sticking exhaust gas recirculation (EGR) valve. The warranty enhancement extends the Primary Coverage until March 31, 2017 with unlimited mileage and the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
747	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program.
748	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program.
749	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program.
750	General Motors will conduct a Voluntary Emission Recall to install a new flexible fuel feed line jumper pipe in all affected vehicles.
751	The hybrid control module will be reprogrammed, allowing the engine to continue operating at reduced power in the event of a cooling system malfunction.
752	The hybrid control module will be reprogrammed, allowing the engine to continue operating at reduced power in the event of a cooling system malfunction.
753	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall (with customer notification) to update ECM Software on the involved vehicles. All authorized Audi dealers will be notified of this Emissions Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
754	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall (with customer notification) to update ECM Software on the involved vehicles. All authorized Audi dealers will be notified of this Emissions Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
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757	The original parts will be replaced during this campaign. A supply of the canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities
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	W
735	American Honda will use a combination ofits new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
736	RL Polk and/or internal records
737	RL Polk and/or internal records
738	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
739	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
740	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
741	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
742	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
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750	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
751	RL Polk
752	RL Polk
753	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
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757	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing. To correct this problem, Kia will replace the defect canister with improved one.
758	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing. To correct this problem, Kia will replace the defect canister with improved one.
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	X
735	No pre-conditions exist. Repair will be made free-of-charge.
736	None required
737	None required
738	None.
739	None.
740	Eligibility for this program is not conditioned upon proper maintenance or use.
741	None.
742	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
743	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
744	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
745	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
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747	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
748	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
749	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
750	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
751	None required
752	None required
753	There are no maintenance or eligibility requirements.
754	There are no maintenance or eligibility requirements.
755	There are no maintenance or eligibility requirements.
756	There are no maintenance or eligibility requirements.
757	There are no restrictions on eligibility.
758	There are no restrictions on eligibility.
759	There are no restrictions on eligibility.
760	There are no restrictions on eligibility.
761	There are no restrictions on eligibility.
762	There are no restrictions on eligibility.
763	There are no restrictions on eligibility.

	Y
735	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Honda/Acura dealer and make an appointment to have the vehicle repaired.
736	Vehicle owners will be asked to make an appointment with their Nissan or Infiniti dealer.
737	Vehicle owners will be asked to make an appointment with their Nissan or Infiniti dealer.
738	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
739	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
740	See Owner Notification Letter.
741	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
742	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure. The repair will be performed at Toyota dealerships only, and will take approximately 60 minutes. However, depending upon the dealer¿s w
743	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure. The repair will be performed at Toyota dealerships only, and will take approximately 60 minutes. However, depending upon the dealer¿s w
744	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for a sticking EGR Valve.
745	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for a sticking EGR Valve.
746	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for a sticking EGR Valve.
747	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
748	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
749	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
750	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
751	Vehicle owners will schedule an appointment with their local Infiniti dealer for service after receiving the recall owner notification letter.
752	Vehicle owners will schedule an appointment with their local Infiniti dealer for service after receiving the recall owner notification letter.
753	All authorized Audi dealers will be notified of this recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
754	All authorized Audi dealers will be notified of this recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
755	All authorized Audi dealers will be notified of this recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
756	All authorized Audi dealers will be notified of this recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
757	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
758	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
759	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
760	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
761	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
762	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
763	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.

	Z
735	Work can only be performed by an authorized Honda/Acura dealership.
736	Only Nissan service technicians will be authorized to perform this remedy.
737	Only Nissan service technicians will be authorized to perform this remedy.
738	None.
739	None.
740	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
741	None.
742	The repair will be performed at Toyota dealerships only.
743	The repair will be performed at Toyota dealerships only.
744	The repair will be performed at Toyota and Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
745	The repair will be performed at Toyota and Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
746	The repair will be performed at Toyota and Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
747	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
748	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
749	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
750	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
751	Only Infiniti dealers will be authorized to perform this service.
752	Only Infiniti dealers will be authorized to perform this service.
753	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
754	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
755	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
756	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
757	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
758	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
759	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
760	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
761	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
762	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
763	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.

	AA
735	Currently have a sufficient supply of replacement tanks available.
736	The correct ECM programs have been created and are available for use. No hardware is required for this service procedure.
737	The correct ECM programs have been created and are available for use. No hardware is required for this service procedure.
738	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
739	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
740	Dealers are to obtain parts for this repair through the Special Service Support Center.
741	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
742	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
743	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
744	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
745	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
746	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
747	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
748	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
749	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
750	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
751	N/A - no hard parts required for this campaign. Updated software will be available to Infiniti dealers upon the launch of the campaign.
752	N/A - no hard parts required for this campaign. Updated software will be available to Infiniti dealers upon the launch of the campaign.
753	This action is a software update only, therefore there are no parts allocation.
754	This action is a software update only, therefore there are no parts allocation.
755	This action is a software update only, therefore there are no parts allocation.
756	This action is a software update only, therefore there are no parts allocation.
757	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.
758	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.
759	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.
760	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.
761	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.
762	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.
763	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.

	AB
735	Related Documents: Draft Honda and Acura Customer Notification Honda Service Bulletin 16-051 and Acura Service Bulletin 16-032
736	
737	
738	No progress report will be submitted, as 100% of the vehicle owners will receive an extended warranty.
739	No progress report will be submitted, as 100% of the vehicle owners will receive an extended warranty.
740	
741	
742	
743	
744	TYX-20151104-16 letter.
745	TYX-20151104-16 letter.
746	TYX-20151104-16 letter.
747	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: signed cover letter.
748	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: signed cover letter.
749	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: signed cover letter.
750	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
751	1. Copy of DIR submitted to NHTSA
752	1. Copy of DIR submitted to NHTSA
753	Forwarding letter - CBI
754	Forwarding letter - CBI
755	Forwarding letter - CBI
756	Forwarding letter - CBI
757	Certain 2009-2010 MY Rondo vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
758	Certain 2009-2010 MY Rondo vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
759	Certain 2009-2010 MY Rondo vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
760	Certain 2009-2010 MY Rondo vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
761	Certain 2009-2010 MY Rondo vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
762	Certain 2009-2010 MY Rondo vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
763	Certain 2009-2010 MY Rondo vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.

	AC	AD	AE
735	None		5306
736	Fuel economy will not be impacted.		5349
737	Fuel economy will not be impacted.		5349
738	None.		5365
739	None.		5365
740	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5366
741	None.		5367
742	This repair will not affect fuel consumption.		5368
743	This repair will not affect fuel consumption.		5368
744	This repair will not affect fuel consumption.		5385
745	This repair will not affect fuel consumption.		5385
746	This repair will not affect fuel consumption.		5385
747	This repair will not affect fuel consumption.		5405
748	This repair will not affect fuel consumption.		5405
749	This repair will not affect fuel consumption.		5405
750	The proposed changes have no impact on fuel economy.		5425
751	Fuel economy will not be affected.		5445
752	Fuel economy will not be affected.		5445
753	Not applicable		5485
754	Not applicable		5485
755	Not applicable		5505
756	Not applicable		5505
757	This repair will not affect fuel consumption of these vehicles.		5525
758	This repair will not affect fuel consumption of these vehicles.		5525
759	This repair will not affect fuel consumption of these vehicles.		5525
760	This repair will not affect fuel consumption of these vehicles.		5525
761	This repair will not affect fuel consumption of these vehicles.		5525
762	This repair will not affect fuel consumption of these vehicles.		5525
763	This repair will not affect fuel consumption of these vehicles.		5525

	AF	AG	AH	AI
735		2	Y	N
736		0	N	N
737		0	N	N
738		2	Y	N
739		2	Y	N
740		3	Y	Y
741		2	Y	N
742		2	N	Y
743		2	N	Y
744		4	N	Y
745		4	N	Y
746		4	N	Y
747	Other documents: Warranty policy bulletin for dealers.	2	N	Y
748	Other documents: Warranty policy bulletin for dealers.	2	N	Y
749	Other documents: Warranty policy bulletin for dealers.	2	N	Y
750		1	N	N
751		1	N	N
752		1	N	N
753		3	Y	N
754		3	Y	N
755	Describe improved SW part numbers / levels.	3	Y	N
756	Describe improved SW part numbers / levels.	3	Y	N
757		1	N	N
758		1	N	N
759		1	N	N
760		1	N	N
761		1	N	N
762		1	N	N
763		1	N	N

	AJ	AK	AL	AM
735	N	N	214480	None
736	N	N	216996	Drivability will not be impacted.
737	N	N	216996	Drivability will not be impacted.
738	N	N	217274	None.
739	N	N	217274	None.
740	N	N	217284	Ford engineering judgment indicates that the corrective action should not affect drivability.
741	N	N	217607	None.
742	N	N	217664	This repair will not affect driveability.
743	N	N	217664	This repair will not affect driveability.
744	N	Y	218400	This repair will not affect driveability.
745	N	Y	218400	This repair will not affect driveability.
746	N	Y	218400	This repair will not affect driveability.
747	N	Y	219095	This repair will not affect driveability.
748	N	Y	219095	This repair will not affect driveability.
749	N	Y	219095	This repair will not affect driveability.
750	N	N	220074	The proposed changes have no impact on drivability.
751	N	Y	221038	Drivability will only be affected in the case of a cooling system malfunction, in which the hybrid control module will allow the engine to continue operating, but at a reduced power state.
752	N	Y	221038	Drivability will only be affected in the case of a cooling system malfunction, in which the hybrid control module will allow the engine to continue operating, but at a reduced power state.
753	N	Y	222947	Not applicable
754	N	Y	222947	Not applicable
755	N	Y	223540	Not applicable
756	N	Y	223540	Not applicable
757	N	N	223824	This repair will not drivability of these vehicles
758	N	N	223824	This repair will not drivability of these vehicles
759	N	N	223824	This repair will not drivability of these vehicles
760	N	N	223824	This repair will not drivability of these vehicles
761	N	N	223824	This repair will not drivability of these vehicles
762	N	N	223824	This repair will not drivability of these vehicles
763	N	N	223824	This repair will not drivability of these vehicles

	AN	AO	AP	AQ	AR
735	None	Y	5091	0	0077
736	Safety will not be impacted.	N	5135	0	0061
737	Safety will not be impacted.	N	5135	0	0061
738	None.	N	5150	0	1512
739	None.	N	5150	0	1512
740	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5151	0	1609
741	None.	N	5152	0	1606
742	This repair will not affect safety.	N	5153	0	0003
743	This repair will not affect safety.	N	5153	0	0003
744	This repair will not affect safety.	Y	5170	0	0044
745	This repair will not affect safety.	Y	5170	0	0044
746	This repair will not affect safety.	Y	5170	0	0044
747	This repair will not affect safety.	N	5190	0	0001
748	This repair will not affect safety.	N	5190	0	0001
749	This repair will not affect safety.	N	5190	0	0001
750	The proposed changes have no impact safety.	N	5210	0	1308
751	Safety is anticipated to be slightly improved because the hybrid control module will be reprogrammed, allowing the engine to continue operating at reduced power in the event of a cooling system malfunction, rather than shutting off the engine.	N	5230	0	0067
752	Safety is anticipated to be slightly improved because the hybrid control module will be reprogrammed, allowing the engine to continue operating at reduced power in the event of a cooling system malfunction, rather than shutting off the engine.	N	5230	0	0067
753	Not applicable	N	5270	0	9999
754	Not applicable	N	5270	0	9999
755	Not applicable	N	5273	1	9999
756	Not applicable	N	5273	1	9999
757	This repair will not affect the safety of these vehicles.	Y	5290	1	0113
758	This repair will not affect the safety of these vehicles.	Y	5290	1	0113
759	This repair will not affect the safety of these vehicles.	Y	5290	1	0113
760	This repair will not affect the safety of these vehicles.	Y	5290	1	0113
761	This repair will not affect the safety of these vehicles.	Y	5290	1	0113
762	This repair will not affect the safety of these vehicles.	Y	5290	1	0113
763	This repair will not affect the safety of these vehicles.	Y	5290	1	0113

	AS	AT	AU
735	N	8/2/2016	1
736	N	8/29/2016	1
737	N	8/29/2016	1
738	Y	7/1/2016	1
739	Y	7/1/2016	1
740	Y		1
741	Y	7/8/2016	1
742	Y		1
743	Y		1
744	Y		1
745	Y		1
746	Y		1
747	N		1
748	N		1
749	N		1
750	Y		1
751	N	8/16/2016	1
752	N	8/16/2016	1
753	Y	9/16/2013	1
754	Y	9/16/2013	1
755	Y	9/16/2013	1
756	Y	9/16/2013	1
757	N	9/19/2016	1
758	N	9/19/2016	1
759	N	9/19/2016	1
760	N	9/19/2016	1
761	N	9/19/2016	1
762	N	9/19/2016	1
763	N	9/19/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
764	15337	8/15/2016	2014	ADX	AD-0014	Light-Duty Vehicles and Trucks	92762	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
765	15337	8/15/2016	2013	ADX	AD-0014	Light-Duty Vehicles and Trucks	92762	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
766	15337	8/15/2016	2012	ADX	AD-0014	Light-Duty Vehicles and Trucks	92762	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
767	15339	8/19/2016	2016	HNX	PUDR-16-007	Light-Duty Vehicles and Trucks	974718	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
768	15339	8/19/2016	2015	HNX	PUDR-16-007	Light-Duty Vehicles and Trucks	974718	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
769	15397	8/25/2016	2016	NSX	FOI_NSX_VER_0024_BD_	Light-Duty Vehicles and Trucks	317	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
770	15399	8/26/2016	2016	TYX	Toyota-VERR-20160826	Light-Duty Vehicles and Trucks	4500	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
771	15439	7/20/2016	2014	TYX	TOYOTA-VERR-20160720	Light-Duty Vehicles and Trucks	108600	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
772	15439	7/20/2016	2013	TYX	TOYOTA-VERR-20160720	Light-Duty Vehicles and Trucks	108600	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
773	15439	7/20/2016	2012	TYX	TOYOTA-VERR-20160720	Light-Duty Vehicles and Trucks	108600	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
774	15458	9/19/2016	2017	VGA	VG-0007	Light-Duty Vehicles and Trucks	196	Y					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208

	P	Q	R	S	T
764	N/A	Monitoring/Measuring Sensor/System	9/15/2013	2013	14
765	N/A	Monitoring/Measuring Sensor/System	9/15/2013	2013	14
766	N/A	Monitoring/Measuring Sensor/System	9/15/2013	2013	14
767		Computer Related (Other than OBD)	9/9/2016	2016	17
768		Computer Related (Other than OBD)	9/9/2016	2016	17
769		Emission Control Information Label	8/29/2016	2016	24
770	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Tank Component	8/8/2016	2016	10
771	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	6/30/2016	2016	9
772	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	6/30/2016	2016	9
773	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	6/30/2016	2016	9
774		Emission Control Information Label	10/3/2016	2016	7

	U
764	Audi has determined that, on certain Audi vehicles with a 3.0L TFSI engine manufactured during a specific period, the diagnostic detection thresholds were found to be too sensitive. The analysis of replaced MIL on catalyst shows that the diagnostic threshold illuminates the MIL although the catalyst fulfills the emission standards. To avoid a false MIL on effect, the OBD monitoring parameter has been modified. The Malfunction Indicator Light (MIL) may come on even though the catalytic converters are working properly. If the MIL is on, a vehicle will not pass an emissions inspection. Part numbers involved: Improved Part numbers / SW levels: 4G0 907 551 A / 0010 (My 2012) 4G0 907 551 D / 0006 (My 2013) 8R0 907 551 A / 0003 (My 2013) 8K5 907 551 E / 0004 (My 2013) 4G0 907 551 J / 0004 (My 2014)
765	Audi has determined that, on certain Audi vehicles with a 3.0L TFSI engine manufactured during a specific period, the diagnostic detection thresholds were found to be too sensitive. The analysis of replaced MIL on catalyst shows that the diagnostic threshold illuminates the MIL although the catalyst fulfills the emission standards. To avoid a false MIL on effect, the OBD monitoring parameter has been modified. The Malfunction Indicator Light (MIL) may come on even though the catalytic converters are working properly. If the MIL is on, a vehicle will not pass an emissions inspection. Part numbers involved: Improved Part numbers / SW levels: 4G0 907 551 A / 0010 (My 2012) 4G0 907 551 D / 0006 (My 2013) 8R0 907 551 A / 0003 (My 2013) 8K5 907 551 E / 0004 (My 2013) 4G0 907 551 J / 0004 (My 2014)
766	Audi has determined that, on certain Audi vehicles with a 3.0L TFSI engine manufactured during a specific period, the diagnostic detection thresholds were found to be too sensitive. The analysis of replaced MIL on catalyst shows that the diagnostic threshold illuminates the MIL although the catalyst fulfills the emission standards. To avoid a false MIL on effect, the OBD monitoring parameter has been modified. The Malfunction Indicator Light (MIL) may come on even though the catalytic converters are working properly. If the MIL is on, a vehicle will not pass an emissions inspection. Part numbers involved: Improved Part numbers / SW levels: 4G0 907 551 A / 0010 (My 2012) 4G0 907 551 D / 0006 (My 2013) 8R0 907 551 A / 0003 (My 2013) 8K5 907 551 E / 0004 (My 2013) 4G0 907 551 J / 0004 (My 2014)
767	Due to inappropriate calibration of the PCM for the Continuous Variable Transmission(CVT) control, the CVT belt may slip under certain driving conditions. The OBD system detects a malfunction of the "Shift Control System".
768	Due to inappropriate calibration of the PCM for the Continuous Variable Transmission(CVT) control, the CVT belt may slip under certain driving conditions. The OBD system detects a malfunction of the "Shift Control System".
769	Nissan has determined that some MY16 TITAN XD (V8 Gas) vehicles might contain Warranty Information Booklets that have incorrect information related to the Federal Emission Defect and Performance Warranty Coverage, due to two unique weight classifications and emission certifications. Nissan dealers' ability to correctly apply emission warranty during service/repair has not been affected.
770	In the subject vehicles, the fuel level float arm in the fuel tank may become obstructed and cause the fuel level gauge to display an inaccurate reading. This inaccurate fuel level gauge reading could result in the vehicle running out of fuel during operation. If this occurs, the vehicle may illuminate the malfunction indicator lamp (M
771	Toyota submits information about a ZF5 Warranty Enhancement for the Hybrid Inverter Assembly. This is a warranty extension to the previously issued Voluntary Emission Recall Report (VERR), Toyota ¿VERR-20150807 which was related to ¿Toyota Safety Recall F0R¿. This ZF5 Warranty Enhancement Program provides an extensio
772	Toyota submits information about a ZF5 Warranty Enhancement for the Hybrid Inverter Assembly. This is a warranty extension to the previously issued Voluntary Emission Recall Report (VERR), Toyota ¿VERR-20150807 which was related to ¿Toyota Safety Recall F0R¿. This ZF5 Warranty Enhancement Program provides an extensio
773	Toyota submits information about a ZF5 Warranty Enhancement for the Hybrid Inverter Assembly. This is a warranty extension to the previously issued Voluntary Emission Recall Report (VERR), Toyota ¿VERR-20150807 which was related to ¿Toyota Safety Recall F0R¿. This ZF5 Warranty Enhancement Program provides an extensio
774	Emissions Control Information Label printed and installed with incorrect Emissions Standard. Incorrect Emission labels show "U.S. EPA¿ T2B5 LDV". Correct labels should state "U.S. EPA - IntT3B160" Production Part Number: 07L010533

	V
764	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall (with customer notification) to update ECM Software on the involved vehicles. All authorized Audi dealers will be notified of this Emissions Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
765	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall (with customer notification) to update ECM Software on the involved vehicles. All authorized Audi dealers will be notified of this Emissions Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
766	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall (with customer notification) to update ECM Software on the involved vehicles. All authorized Audi dealers will be notified of this Emissions Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
767	The PCM will be updated with correct programming by a Honda dealership. If a DTC P1890 is stored, the CVT will be replaced in addition to the PCM software update.
768	The PCM will be updated with correct programming by a Honda dealership. If a DTC P1890 is stored, the CVT will be replaced in addition to the PCM software update.
769	Nissan will mail an Owner Notification letter to customers of the affected vehicles. These letters will have a peel-off sticker to be installed on the Warranty Information Booklet. This letter and sticker will contain the proper warranty information related to the Federal Emission Defect and Performance Warranty Coverage.
770	Lexus has designed a new fuel tank ring to prevent this condition from occurring. To ensure customer satisfaction, Lexus requests that dealers conduct this SSC remedy on any used vehicles currently in dealer inventory or any dealer LCCS vehicles that are covered by this SSC prior to customer delivery or customer loan.
771	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program.
772	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program.
773	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program.
774	Install applicable emissions labels via Recall with customer notification.

	W
764	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
765	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
766	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
767	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
768	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
769	RL Polk and/or internal records
770	For owner name and address information Toyota utilizes IHS Markit Data as the primary source and supplements with Toyota Customer Central Data if IHS Markit Data is not available.
771	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
772	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
773	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
774	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.

	X
764	There are no maintenance or eligibility requirements.
765	There are no maintenance or eligibility requirements.
766	There are no maintenance or eligibility requirements.
767	No pre-conditions exist. Repair will be made free-of-charge.
768	No pre-conditions exist. Repair will be made free-of-charge.
769	None required
770	No special conditions are required for eligibility of repair under this special service campaign.
771	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
772	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
773	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
774	There are no maintenance or eligibility requirements.

	Y
764	All authorized Audi dealers will be notified of this recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
765	All authorized Audi dealers will be notified of this recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
766	All authorized Audi dealers will be notified of this recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
767	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
768	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
769	Vehicle owners will receive the Owner Notification letter via US mail. No dealer service procedure will be needed.
770	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
771	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
772	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
773	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
774	Customers will be instructed on how to apply the Emission label. If they choose to, they can take their vehicle to an authorized dealer of the manufacturer to have them install the label as needed, with no additional cost. Affected Volkswagen owners will be mailed a notification of recall on or about October 3rd, 2016. Enclosed are examples of the Customer Letters

	Z
764	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
765	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
766	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
767	Work can only be performed by an authorized Honda dealership.
768	Work can only be performed by an authorized Honda dealership.
769	N/A
770	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair orde
771	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
772	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
773	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
774	It is anticipated that all affected vehicles repaired within this campaign will be remedied by the vehicle's owner or an authorized dealer.

	AA
764	This action is a software update only, therefore there are no parts allocation.
765	This action is a software update only, therefore there are no parts allocation.
766	This action is a software update only, therefore there are no parts allocation.
767	Currently have a sufficient supply of replacement CVT available.
768	Currently have a sufficient supply of replacement CVT available.
769	The supplier of the Owner Notification material will print an adequate number to meet the demand for this corrective action.
770	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
771	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
772	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
773	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
774	Emissions Labels will be mailed to the customers, along with related Customer Letter, and to the dealer network. In addition, the self-addressed owner¿s notification letter is to confirm that the label has been affixed to the vehicle and completion rate for this self-campaign is considered 100%.

	AB
764	Forwarding letter - CBI
765	Forwarding letter - CBI
766	Forwarding letter - CBI
767	Attachments: Cover Letter (Draft) Honda Product Update TSB 16-053 and 16-057 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
768	Attachments: Cover Letter (Draft) Honda Product Update TSB 16-053 and 16-057 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
769	Please note that the "Problem Category" was selected as Emission Control Information Label due to limited options, however this issue does NOT affect the Vehicle's label, only the Warranty Information Booklet contained in the new vehicle literature kit.
770	Reference: EPA EDIR #0006, Toyota EDIR #TYX-DIR-20160616-01.
771	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: signed cover letter and warranty enhancement letter for dealers.
772	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: signed cover letter and warranty enhancement letter for dealers.
773	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: signed cover letter and warranty enhancement letter for dealers.
774	Forwarding Letter - CBI

	AC	AD	AE
764	Not applicable		5486
765	Not applicable		5486
766	Not applicable		5486
767	None		5487
768	None		5487
769	Fuel economy is not impacted.		5545
770	This repair will not affect fuel consumption.		5546
771	This repair will not affect fuel consumption.		5567
772	This repair will not affect fuel consumption.		5567
773	This repair will not affect fuel consumption.		5567
774	Not applicable		5585

	AF	AG	AH	AI
764		3	Y	N
765		3	Y	N
766		3	Y	N
767		2	Y	N
768		2	Y	N
769		1	Y	N
770		2	Y	Y
771	Other documents: Dealer notification package for dealer and Warranty policy bulletin for dealers added to submission.	4	N	Y
772	Other documents: Dealer notification package for dealer and Warranty policy bulletin for dealers added to submission.	4	N	Y
773	Other documents: Dealer notification package for dealer and Warranty policy bulletin for dealers added to submission.	4	N	Y
774		2	Y	N

	AJ	AK	AL	AM
764	N	Y	223304	Not applicable
765	N	Y	223304	Not applicable
766	N	Y	223304	Not applicable
767	N	N	223367	None
768	N	N	223367	None
769	N	N	224125	Drivability is not impacted.
770	N	N	224441	This repair will not affect drivability.
771	N	Y	225747	This repair will not affect driveability.
772	N	Y	225747	This repair will not affect driveability.
773	N	Y	225747	This repair will not affect driveability.
774	N	Y	227125	Not applicable

	AN	AO	AP	AQ	AR
764	Not applicable	N	5271	0	0089
765	Not applicable	N	5271	0	0089
766	Not applicable	N	5271	0	0089
767	None	Y	5272	0	0079
768	None	Y	5272	0	0079
769	Safety is not impacted.	N	5310	0	0065
770	This repair will not affect safety.	N	5311	0	0006
771	This repair will not affect safety.	N	5332	1	0001
772	This repair will not affect safety.	N	5332	1	0001
773	This repair will not affect safety.	N	5332	1	0001
774	Not applicable	N	5350	0	0015

	AS	AT	AU
764	Y	9/16/2013	1
765	Y	9/16/2013	1
766	Y	9/16/2013	1
767	N	9/10/2016	1
768	N	9/10/2016	1
769	N	8/30/2016	1
770	Y		1
771	Y		1
772	Y		1
773	Y		1
774	N	10/4/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
775	15463	9/28/2016	2009	ADX	AD-0015	Light-Duty Vehicles and Trucks	13185	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
776	15463	9/28/2016	2014	ADX	AD-0015	Light-Duty Vehicles and Trucks	13185	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
777	15463	9/28/2016	2013	ADX	AD-0015	Light-Duty Vehicles and Trucks	13185	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
778	15463	9/28/2016	2012	ADX	AD-0015	Light-Duty Vehicles and Trucks	13185	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
779	15463	9/28/2016	2011	ADX	AD-0015	Light-Duty Vehicles and Trucks	13185	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
780	15463	9/28/2016	2010	ADX	AD-0015	Light-Duty Vehicles and Trucks	13185	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202

	P	Q	R	S	T
775	N/A	Selective Catalytic Reduction System	10/25/2016	2016	15
776	N/A	Selective Catalytic Reduction System	10/25/2016	2016	15
777	N/A	Selective Catalytic Reduction System	10/25/2016	2016	15
778	N/A	Selective Catalytic Reduction System	10/25/2016	2016	15
779	N/A	Selective Catalytic Reduction System	10/25/2016	2016	15
780	N/A	Selective Catalytic Reduction System	10/25/2016	2016	15

	U
775	Volkswagen has determined that, in some vehicles, it is possible for the AdBlue Heater to become contaminated by SCR fluid, causing the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. Part numbers involved: Touareg: Production Part Numbers: 7P6 198 970 / 7L6 198 970 Warranty Replacement Part Numbers: 7P6 198 970 A / 7L6 198 970 A Passat: Production Part Number: 561 198 970 Warranty Replacement Part Number: 561 198 970 A
776	Volkswagen has determined that, in some vehicles, it is possible for the AdBlue Heater to become contaminated by SCR fluid, causing the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. Part numbers involved: Touareg: Production Part Numbers: 7P6 198 970 / 7L6 198 970 Warranty Replacement Part Numbers: 7P6 198 970 A / 7L6 198 970 A Passat: Production Part Number: 561 198 970 Warranty Replacement Part Number: 561 198 970 A
777	Volkswagen has determined that, in some vehicles, it is possible for the AdBlue Heater to become contaminated by SCR fluid, causing the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. Part numbers involved: Touareg: Production Part Numbers: 7P6 198 970 / 7L6 198 970 Warranty Replacement Part Numbers: 7P6 198 970 A / 7L6 198 970 A Passat: Production Part Number: 561 198 970 Warranty Replacement Part Number: 561 198 970 A
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	V
775	Volkswagen Group of America, Inc. will pro-actively release an Extended Warranty Program (10years / 120,000miles) to address the replacements of AdBlue Heater for some MY 2009 to 2016 VW Touareg 3.0L TDI & some MY 2012 to 2014 VW Passat 2.0L TDI vehicles. All authorized Volkswagen dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 25th, 2016 Customer Notification: On or about October 25th, 2016 Note: - MY 2014 3.0L TDI is being covered under additional Extended Warranty program which addresses both AdBlue Heater and EGR Cooler exhaust gas temp sensor . - MY 2012 - 2014 2.0L TDI are being reported under VERR VW-0017 (VW Test Groups). - MY 2015 through 2015 3.0L TDI are being reported under VERR VG-0008 (VGA Test Groups). - This VERR report only addresses MY 2009 ¿ 2014 3.0L TDI vehicles (AUDI Test Groups)
776	Volkswagen Group of America, Inc. will pro-actively release an Extended Warranty Program (10years / 120,000miles) to address the replacements of AdBlue Heater for some MY 2009 to 2016 VW Touareg 3.0L TDI & some MY 2012 to 2014 VW Passat 2.0L TDI vehicles. All authorized Volkswagen dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 25th, 2016 Customer Notification: On or about October 25th, 2016 Note: - MY 2014 3.0L TDI is being covered under additional Extended Warranty program which addresses both AdBlue Heater and EGR Cooler exhaust gas temp sensor . - MY 2012 - 2014 2.0L TDI are being reported under VERR VW-0017 (VW Test Groups). - MY 2015 through 2015 3.0L TDI are being reported under VERR VG-0008 (VGA Test Groups). - This VERR report only addresses MY 2009 ¿ 2014 3.0L TDI vehicles (AUDI Test Groups)
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	W
775	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
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780	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.

	X
775	There are no maintenance or eligibility requirements.
776	There are no maintenance or eligibility requirements.
777	There are no maintenance or eligibility requirements.
778	There are no maintenance or eligibility requirements.
779	There are no maintenance or eligibility requirements.
780	There are no maintenance or eligibility requirements.

	Y
775	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action on or about October 25th, 2016 Affected Volkswagen owners will be mailed a notification of this action on or about October 25th, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
776	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action on or about October 25th, 2016 Affected Volkswagen owners will be mailed a notification of this action on or about October 25th, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
777	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action on or about October 25th, 2016 Affected Volkswagen owners will be mailed a notification of this action on or about October 25th, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
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	Z
775	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
776	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
777	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
778	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
779	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
780	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.

	AA
775	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
776	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
777	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
778	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
779	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
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	AB
775	Forwarding letter - CBI
776	Forwarding letter - CBI
777	Forwarding letter - CBI
778	Forwarding letter - CBI
779	Forwarding letter - CBI
780	Forwarding letter - CBI

	AC	AD	AE
775	Not applicable		5605
776	Not applicable		5605
777	Not applicable		5605
778	Not applicable		5605
779	Not applicable		5605
780	Not applicable		5605

	AF	AG	AH	AI
775		3	Y	N
776		3	Y	N
777		3	Y	N
778		3	Y	N
779		3	Y	N
780		3	Y	N

	AJ	AK	AL	AM
775	N	Y	228633	Not applicable
776	N	Y	228633	Not applicable
777	N	Y	228633	Not applicable
778	N	Y	228633	Not applicable
779	N	Y	228633	Not applicable
780	N	Y	228633	Not applicable

	AN	AO	AP	AQ	AR
775	Not applicable	N	5370	0	0083
776	Not applicable	N	5370	0	0083
777	Not applicable	N	5370	0	0083
778	Not applicable	N	5370	0	0083
779	Not applicable	N	5370	0	0083
780	Not applicable	N	5370	0	0083

	AS	AT	AU
775	Y	10/26/2016	1
776	Y	10/26/2016	1
777	Y	10/26/2016	1
778	Y	10/26/2016	1
779	Y	10/26/2016	1
780	Y	10/26/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
781	15464	9/28/2016	2014	ADX	AD-0016	Light-Duty Vehicles and Trucks	5936	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
782	15464	9/28/2016	2013	ADX	AD-0016	Light-Duty Vehicles and Trucks	5936	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
783	15465	9/28/2016	2010	FJX	1605	Light-Duty Vehicles and Trucks	1424	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
784	15466	9/29/2016	2012	TYX	TYX-VERR-20151104-13	Light-Duty Vehicles and Trucks	20700	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
785	15466	9/29/2016	2011	TYX	TYX-VERR-20151104-13	Light-Duty Vehicles and Trucks	20700	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
786	15466	9/29/2016	2010	TYX	TYX-VERR-20151104-13	Light-Duty Vehicles and Trucks	20700	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
787	15467	9/29/2016	2009	TYX	TYX-VERR-20160222-01	Light-Duty Vehicles and Trucks	21022	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
788	15316	8/8/2016	2016	HNX	PUDR-16-007	Light-Duty Vehicles and Trucks	974718	N					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
789	15316	8/8/2016	2015	HNX	PUDR-16-007	Light-Duty Vehicles and Trucks	974718	N					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
790	15436	9/7/2016	2016	FMX	16E02	Heavy-Duty Highway Gas and Diesel Engines	316	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
791	15436	9/7/2016	2015	FMX	16E02	Heavy-Duty Highway Gas and Diesel Engines	316	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
792	15468	9/29/2016	2010	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
793	15468	9/29/2016	2009	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
794	15468	9/29/2016	2008	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
795	15469	9/29/2016	2014	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
796	15469	9/29/2016	2013	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
797	15469	9/29/2016	2012	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
798	15469	9/29/2016	2011	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420

	P	Q	R	S	T
781	N/A	Selective Catalytic Reduction System	10/25/2016	2016	16
782	N/A	Selective Catalytic Reduction System	10/25/2016	2016	16
783		Emission Control Information Label	9/26/2016	2016	1605
784	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Fuel Tank Component	1/20/2016	2016	1
785	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Fuel Tank Component	1/20/2016	2016	1
786	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Fuel Tank Component	1/20/2016	2016	1
787	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Fuel Tank Component	4/15/2011	2011	2
788		Computer Related (Other than OBD)	9/9/2016	2016	17
789		Computer Related (Other than OBD)	9/9/2016	2016	17
790		Fuel Delivery System	8/16/2016	2016	1602
791		Fuel Delivery System	8/16/2016	2016	1602
792	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Crankcase Ventilation Component/System	9/1/2009	2009	3
793	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Crankcase Ventilation Component/System	9/1/2009	2009	3
794	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Crankcase Ventilation Component/System	9/1/2009	2009	3
795	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
796	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
797	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
798	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4

	U
781	Volkswagen has determined that, in some vehicles, it is possible for the AdBlue Heater to become contaminated by SCR fluid. Additionally, due to a manufacturing issue, it is possible for an exhaust gas temperature sensor (located in the vehicle¿s EGR cooler) to malfunction. These two issues are unrelated to each other. Dealer Notification: On or about October 25th, 2016 Customer Notification: On or about October 25th, 2016 Part numbers involved: Touareg (AdBlue Heater): Production Part Number: 7P6 198 970 Warranty Replacement Part Number: 7P6 198 970 A Touareg (EGR cooler EGT sensor): Production Part Number: 059 906 088 BB Warranty Replacement Part Numbers: 059 906 088 CM / CT
782	Volkswagen has determined that, in some vehicles, it is possible for the AdBlue Heater to become contaminated by SCR fluid. Additionally, due to a manufacturing issue, it is possible for an exhaust gas temperature sensor (located in the vehicle¿s EGR cooler) to malfunction. These two issues are unrelated to each other. Dealer Notification: On or about October 25th, 2016 Customer Notification: On or about October 25th, 2016 Part numbers involved: Touareg (AdBlue Heater): Production Part Number: 7P6 198 970 Warranty Replacement Part Number: 7P6 198 970 A Touareg (EGR cooler EGT sensor): Production Part Number: 059 906 088 BB Warranty Replacement Part Numbers: 059 906 088 CM / CT
783	2010 Subaru Legacy 2.5GT 6MT turbo models have a typographical error on the underhood VECI label. The incorrect VECI label (with code 8P) identifies the vehicle being equipped with secondary "AIR". The vehicles were correctly built without secondary "AIR". This condition was identified by California Vehicle owner complaint of SMOG Check inspection "failure" due to vehicle not being equipped with secondary "AIR" per the incorrect VECI label.
784	Subject vehicles are equipped with a fuel pump that could experience premature wear of internal components, causing it to become inoperative. If this occurs the vehicle will illuminate various warning lamps, including OBD MIL, and enter a fail-safe mode, reducing motive power.
785	Subject vehicles are equipped with a fuel pump that could experience premature wear of internal components, causing it to become inoperative. If this occurs the vehicle will illuminate various warning lamps, including OBD MIL, and enter a fail-safe mode, reducing motive power.
786	Subject vehicles are equipped with a fuel pump that could experience premature wear of internal components, causing it to become inoperative. If this occurs the vehicle will illuminate various warning lamps, including OBD MIL, and enter a fail-safe mode, reducing motive power.
787	During the manufacturing process of certain 2009 model year RAV4 vehicles, the protective coating (paint) applied to the fuel tank assembly (tank) may not have been properly applied on a small number of tanks. For this small number of tanks, the paint will begin to peel on the tank surface.
788	Due to inappropriate calibration of the PCM for the Continuous Variable Transmission(CVT) control, the CVT belt may slip under certain driving conditions. The OBD system detects a malfunction of the "Shift Control System".
789	Due to inappropriate calibration of the PCM for the Continuous Variable Transmission(CVT) control, the CVT belt may slip under certain driving conditions. The OBD system detects a malfunction of the "Shift Control System".
790	Due to an issue with the parts service catalog, some 2015 and 2016 MY 6.7L F-Series Super Duty Diesel engine-certified vehicles might have been serviced with fuel system kits intended for chassis-certified vehicles. Only vehicles with fuel systems serviced in the field (i.e., post-production) are potentially affected.
791	Due to an issue with the parts service catalog, some 2015 and 2016 MY 6.7L F-Series Super Duty Diesel engine-certified vehicles might have been serviced with fuel system kits intended for chassis-certified vehicles. Only vehicles with fuel systems serviced in the field (i.e., post-production) are potentially affected.
792	If the vehicle is operated in extremely low temperatures, there is a possibility that condensed moisture from a positive crankcase ventilation (PCV) port may seep into the brake system vacuum port and freeze. The port is located inside the intake manifold and provides vacuum assist for the brakes. Should this condition continue
793	If the vehicle is operated in extremely low temperatures, there is a possibility that condensed moisture from a positive crankcase ventilation (PCV) port may seep into the brake system vacuum port and freeze. The port is located inside the intake manifold and provides vacuum assist for the brakes. Should this condition continue
794	If the vehicle is operated in extremely low temperatures, there is a possibility that condensed moisture from a positive crankcase ventilation (PCV) port may seep into the brake system vacuum port and freeze. The port is located inside the intake manifold and provides vacuum assist for the brakes. Should this condition continue
795	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina
796	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina
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	V
781	Volkswagen Group of America, Inc. will pro-actively release an Extended Warranty Program (10years / 120,000miles) to address the replacements of AdBlue Heater and EGR Cooler Exhasut Gas temperature sensor for some MY 2013 to 2014 VW Touareg 3.0L TDI vehicles. All authorized Volkswagen dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 25th, 2016 Customer Notification: On or about October 25th, 2016
782	Volkswagen Group of America, Inc. will pro-actively release an Extended Warranty Program (10years / 120,000miles) to address the replacements of AdBlue Heater and EGR Cooler Exhasut Gas temperature sensor for some MY 2013 to 2014 VW Touareg 3.0L TDI vehicles. All authorized Volkswagen dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 25th, 2016 Customer Notification: On or about October 25th, 2016
783	The repair consists of sending the affected Subaru vehicle owner the corrected VECI label.
784	Replace the fuel pump with a new and improved wire harness and fuel pump assembly on certain 2010-2012MY Lexus HS250h vehicles.
785	Replace the fuel pump with a new and improved wire harness and fuel pump assembly on certain 2010-2012MY Lexus HS250h vehicles.
786	Replace the fuel pump with a new and improved wire harness and fuel pump assembly on certain 2010-2012MY Lexus HS250h vehicles.
787	All known owners of affected vehicles have been notified via first class mail that there is a Limited Service Campaign. Toyota dealers will inspect the paint on the surface of the tank and, if necessary, replace the fuel tank at no charge.
788	The PCM will be updated with correct programming by a Honda dealership. If a DTC P1890 is stored, the CVT will be replaced in addition to the PCM software update.
789	The PCM will be updated with correct programming by a Honda dealership. If a DTC P1890 is stored, the CVT will be replaced in addition to the PCM software update.
790	Dealers will inspect for incorrect fuel injector kits and replace as needed.
791	Dealers will inspect for incorrect fuel injector kits and replace as needed.
792	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
793	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
794	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
795	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
796	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
797	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
798	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.

	W
781	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
782	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
783	Subaru used R.L. Polk vehicle owner database for identifying the affected 2010 model year Subaru vehicles registered in 50-States. All owners were notified by first class mail starting on September 26, 2016. Authorized Subaru Dealers received the attached Subaru Service Program Bulletin WTI-69 instructions electronically prior
784	R.L. POLK and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
785	R.L. POLK and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
786	R.L. POLK and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
787	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
788	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
789	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
790	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
791	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
792	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
793	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
794	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
795	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
796	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
797	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
798	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.

	X
781	There are no maintenance or eligibility requirements.
782	There are no maintenance or eligibility requirements.
783	None.
784	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
785	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
786	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
787	No special conditions are required for eligibility of repair under this Limited Service Campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
788	No pre-conditions exist. Repair will be made free-of-charge.
789	No pre-conditions exist. Repair will be made free-of-charge.
790	Eligibility for this program is not conditioned upon proper maintenance or use.
791	Eligibility for this program is not conditioned upon proper maintenance or use.
792	No special conditions are required for eligibility of repair under this safety recall (a special service campaign). Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement co
793	No special conditions are required for eligibility of repair under this safety recall (a special service campaign). Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement co
794	No special conditions are required for eligibility of repair under this safety recall (a special service campaign). Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement co
795	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
796	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
797	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
798	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat

	Y
781	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action on or about October 25th, 2016 Affected Volkswagen owners will be mailed a notification of this action on or about October 25th, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
782	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action on or about October 25th, 2016 Affected Volkswagen owners will be mailed a notification of this action on or about October 25th, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
783	Affected owners will be provided by notification letter the corrected VECI label directly along with instructions how to affix the replacement label. Owners will have the alternative option to contact their authorized Subaru dealer of choice and to make an appointment to have the corrective action performed at no charge.
784	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
785	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
786	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
787	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
788	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
789	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
790	See Owner Notification Letter.
791	See Owner Notification Letter.
792	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
793	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
794	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
795	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
796	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
797	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
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	Z
781	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
782	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
783	The Subaru vehicle owner will self affix the corrected VECI label.
784	The repair will be performed at Toyota dealerships only, and will take approximately 4 hours.
785	The repair will be performed at Toyota dealerships only, and will take approximately 4 hours.
786	The repair will be performed at Toyota dealerships only, and will take approximately 4 hours.
787	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
788	Work can only be performed by an authorized Honda dealership.
789	Work can only be performed by an authorized Honda dealership.
790	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
791	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
792	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
793	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
794	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
795	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
796	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
797	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
798	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.

	AA
781	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
782	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
783	The repair consists of sending the corrected VECI label directly to the affected Subaru vehicle owner.
784	There is sufficient inventory of the replacement parts to accommodate this campaign.
785	There is sufficient inventory of the replacement parts to accommodate this campaign.
786	There is sufficient inventory of the replacement parts to accommodate this campaign.
787	Parts are available for this concern.
788	Currently have a sufficient supply of replacement CVT available.
789	Currently have a sufficient supply of replacement CVT available.
790	Dealers are to obtain parts for this repair through the Special Service Support Center.
791	Dealers are to obtain parts for this repair through the Special Service Support Center.
792	Parts are available for this concern.
793	Parts are available for this concern.
794	Parts are available for this concern.
795	There is sufficient inventory of the replacement parts to accommodate this SPA.
796	There is sufficient inventory of the replacement parts to accommodate this SPA.
797	There is sufficient inventory of the replacement parts to accommodate this SPA.
798	There is sufficient inventory of the replacement parts to accommodate this SPA.

	AB
781	Forwarding letter - CBI
782	Forwarding letter - CBI
783	Subaru Service Program Bulletin WTI-69 contains both dealer repair instructions and the owner notification letter.
784	Reference: EDIR #0042 (Manufacturer #TYX-DIR-20151104-13) Other documents: Frequently asked question sheet (FAQ) and Signed version of VERR (added 9/29/2016) included.
785	Reference: EDIR #0042 (Manufacturer #TYX-DIR-20151104-13) Other documents: Frequently asked question sheet (FAQ) and Signed version of VERR (added 9/29/2016) included.
786	Reference: EDIR #0042 (Manufacturer #TYX-DIR-20151104-13) Other documents: Frequently asked question sheet (FAQ) and Signed version of VERR (added 9/29/2016) included.
787	Reference: EDIR EPA #0001; Toyota #TYX-EDIR-20160222-01. Other: Signed version of VERR.
788	Attachments: Cover Letter (Draft) Honda Product Update TSB 16-053 and 16-057 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
789	Attachments: Cover Letter (Draft) Honda Product Update TSB 16-053 and 16-057 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
790	
791	
792	Reference: EDIR EPA #0002; Toyota #TYX-EDIR-20160222-02. Other: Signed version of VERR.
793	Reference: EDIR EPA #0002; Toyota #TYX-EDIR-20160222-02. Other: Signed version of VERR.
794	Reference: EDIR EPA #0002; Toyota #TYX-EDIR-20160222-02. Other: Signed version of VERR.
795	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: Warranty policy bulletin for dealers and signed VERR letter.
796	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: Warranty policy bulletin for dealers and signed VERR letter.
797	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: Warranty policy bulletin for dealers and signed VERR letter.
798	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: Warranty policy bulletin for dealers and signed VERR letter.

	AC	AD	AE
781	Not applicable		5606
782	Not applicable		5606
783	None.		5607
784	This repair will not affect fuel consumption.		5608
785	This repair will not affect fuel consumption.		5608
786	This repair will not affect fuel consumption.		5608
787	This repair will not affect fuel consumption.		5609
788	None		5465
789	None		5465
790	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5566
791	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5566
792	This repair will not affect fuel consumption.		5610
793	This repair will not affect fuel consumption.		5610
794	This repair will not affect fuel consumption.		5610
795	This repair will not affect fuel consumption.		5611
796	This repair will not affect fuel consumption.		5611
797	This repair will not affect fuel consumption.		5611
798	This repair will not affect fuel consumption.		5611

	AF	AG	AH	AI
781		3	Y	N
782		3	Y	N
783		2	Y	N
784	Additional document: Signed copy of VERR.	5	Y	Y
785	Additional document: Signed copy of VERR.	5	Y	Y
786	Additional document: Signed copy of VERR.	5	Y	Y
787	Updated: # of supporting documents. Added signed version of VERR.	3	N	Y
788		2	Y	N
789		2	Y	N
790		3	Y	Y
791		3	Y	Y
792	Update the correct number and type of supporting documents. Added signed version of VERR.	5	Y	Y
793	Update the correct number and type of supporting documents. Added signed version of VERR.	5	Y	Y
794	Update the correct number and type of supporting documents. Added signed version of VERR.	5	Y	Y
795	Other documents: Warranty policy bulletin for dealers. Added signed VERR letter.	3	N	N
796	Other documents: Warranty policy bulletin for dealers. Added signed VERR letter.	3	N	N
797	Other documents: Warranty policy bulletin for dealers. Added signed VERR letter.	3	N	N
798	Other documents: Warranty policy bulletin for dealers. Added signed VERR letter.	3	N	N

	AJ	AK	AL	AM
781	N	Y	228637	Not applicable
782	N	Y	228637	Not applicable
783	N	N	228639	None.
784	N	Y	229032	This repair will not affect drivability.
785	N	Y	229032	This repair will not affect drivability.
786	N	Y	229032	This repair will not affect drivability.
787	N	Y	229037	This repair will not affect drivability.
788	N	N	221402	None
789	N	N	221402	None
790	N	N	225454	Ford engineering judgment indicates that the corrective action should not affect drivability.
791	N	N	225454	Ford engineering judgment indicates that the corrective action should not affect drivability.
792	N	Y	229039	Drivability (brake performance) will be improved
793	N	Y	229039	Drivability (brake performance) will be improved
794	N	Y	229039	Drivability (brake performance) will be improved
795	N	Y	229041	This repair will not affect driveability.
796	N	Y	229041	This repair will not affect driveability.
797	N	Y	229041	This repair will not affect driveability.
798	N	Y	229041	This repair will not affect driveability.

	AN	AO	AP	AQ	AR
781	Not applicable	N	5371	0	0083,0081
782	Not applicable	N	5371	0	0083,0081
783	None.	N	5372	0	1605
784	This repair will not affect safety.	N	5373	1	0042
785	This repair will not affect safety.	N	5373	1	0042
786	This repair will not affect safety.	N	5373	1	0042
787	This repair will improve safety.	N	5374	2	0001
788	None	Y	5250	0	0079
789	None	Y	5250	0	0079
790	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5331	0	1607
791	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5331	0	1607
792	Safety will be improved due to improved brake performance.	N	5375	2	0002
793	Safety will be improved due to improved brake performance.	N	5375	2	0002
794	Safety will be improved due to improved brake performance.	N	5375	2	0002
795	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	5376	2	0001
796	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	5376	2	0001
797	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	5376	2	0001
798	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	5376	2	0001

	AS	AT	AU
781	Y	10/26/2016	1
782	Y	10/26/2016	1
783	Y	9/27/2016	1
784	Y		1
785	Y		1
786	Y		1
787	Y		1
788	N	9/10/2016	1
789	N	9/10/2016	1
790	Y		1
791	Y		1
792	Y		1
793	Y		1
794	Y		1
795	Y		1
796	Y		1
797	Y		1
798	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
799	15469	9/29/2016	2010	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
800	15470	9/30/2016	2016	TYX	TYX-VERR-20160708	Light-Duty Vehicles and Trucks	24100	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
801	15470	9/30/2016	2015	TYX	TYX-VERR-20160708	Light-Duty Vehicles and Trucks	24100	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
802	15471	9/30/2016	2012	TYX	TYX-VERR-20151104-16	Light-Duty Vehicles and Trucks	546600	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
803	15471	9/30/2016	2011	TYX	TYX-VERR-20151104-16	Light-Duty Vehicles and Trucks	546600	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
804	15471	9/30/2016	2010	TYX	TYX-VERR-20151104-16	Light-Duty Vehicles and Trucks	546600	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420
805	15545	10/20/2016	2017	KMX	16-HK-VERR-06	Light-Duty Vehicles and Trucks	60	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
806	15550	10/25/2016	2015	GMX	1290	Light-Duty Vehicles and Trucks	12540	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
807	15550	10/25/2016	2014	GMX	1290	Light-Duty Vehicles and Trucks	12540	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
808	15551	10/25/2016	2016	GMX	1313	Light-Duty Vehicles and Trucks	955	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
809	15537	10/18/2016	2017	KMX	16-HK-VERR-06	Light-Duty Vehicles and Trucks	60	N					Mr John Gantchar	jgantchar@hatci.com	734-3373027
810	15576	10/31/2016	2012	FMX	16B38	Light-Duty Vehicles and Trucks	343844	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
811	15576	10/31/2016	2011	FMX	16B38	Light-Duty Vehicles and Trucks	343844	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
812	15736	12/14/2016	2015	BMX	16E-A03	Light-Duty Vehicles and Trucks	540	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
813	15778	1/3/2017	2016	CRX	S85	Light-Duty Vehicles and Trucks	29913	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
814	15556	10/27/2016	2012	FMX	16B23	Light-Duty Vehicles and Trucks	86632	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
815	15556	10/27/2016	2011	FMX	16B23	Light-Duty Vehicles and Trucks	86632	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
816	15584	11/2/2016	2015	HYX	16-HK-VERR-07	Light-Duty Vehicles and Trucks	70560	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
817	15584	11/2/2016	2014	HYX	16-HK-VERR-07	Light-Duty Vehicles and Trucks	70560	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
818	15584	11/2/2016	2013	HYX	16-HK-VERR-07	Light-Duty Vehicles and Trucks	70560	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
819	15584	11/2/2016	2012	HYX	16-HK-VERR-07	Light-Duty Vehicles and Trucks	70560	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
820	15584	11/2/2016	2011	HYX	16-HK-VERR-07	Light-Duty Vehicles and Trucks	70560	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
821	15584	11/2/2016	2016	HYX	16-HK-VERR-07	Light-Duty Vehicles and Trucks	70560	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
822	15600	11/11/2016	2017	HNX	VERR-16-012	Light-Duty Vehicles and Trucks	8345	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
823	15621	11/17/2016	2016	CRX	S55	Light-Duty Vehicles and Trucks	322954	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
824	15621	11/17/2016	2015	CRX	S55	Light-Duty Vehicles and Trucks	322954	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
825	15621	11/17/2016	2014	CRX	S55	Light-Duty Vehicles and Trucks	322954	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
826	15553	10/26/2016	2016	CRX	S64	Light-Duty Vehicles and Trucks	177	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
827	15553	10/26/2016	2015	CRX	S64	Light-Duty Vehicles and Trucks	177	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
828	15605	11/15/2016	2016	TKX	1009	Light-Duty Vehicles and Trucks	17484	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
829	15605	11/15/2016	2015	TKX	1009	Light-Duty Vehicles and Trucks	17484	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
830	15605	11/15/2016	2014	TKX	1009	Light-Duty Vehicles and Trucks	17484	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
831	15606	11/15/2016	2016	TKX	1010	Light-Duty Vehicles and Trucks	3849	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
832	15657	11/23/2016	2015	HNX	ESRN-16-0011	Light-Duty Vehicles and Trucks	8354	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
833	15662	11/21/2016	2014	ADX	AD-0017	Light-Duty Vehicles and Trucks	259590	N					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202

	P	Q	R	S	T
799	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	8/31/2014	2014	4
800	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Oxygen Sensor	6/20/2016	2016	7
801	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Oxygen Sensor	6/20/2016	2016	7
802	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Exhaust Gas Recirculation (EGR) System	6/27/2016	2016	8
803	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Exhaust Gas Recirculation (EGR) System	6/27/2016	2016	8
804	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Exhaust Gas Recirculation (EGR) System	6/27/2016	2016	8
805	ADAmbrosi@hatci.com	Computer Related (Other than OBD)	9/23/2016	2016	6
806		Exhaust System	10/24/2016	2016	1290
807		Exhaust System	10/24/2016	2016	1290
808		Air Inlet/Intake System	10/24/2016	2016	1313
809	ADAmbrosi@hatci.com	Computer Related (Other than OBD)	9/23/2016	2016	6
810		Evaporative Emissions Systems	10/31/2016	2016	1638
811		Evaporative Emissions Systems	10/31/2016	2016	1638
812	Carlheinz.Bayer@bmwna.com	Computer Related (Other than OBD)	11/17/2016	2016	1603
813	mark.finsterwald@fcagroup.com	Fuel Tank Component	12/23/2016	2016	1685
814		Air Inlet/Intake System	10/17/2016	2016	1623
815		Air Inlet/Intake System	10/17/2016	2016	1623
816	ADAmbrosi@hatci.com	Evaporative Emissions Systems	11/2/2016	2016	7
817	ADAmbrosi@hatci.com	Evaporative Emissions Systems	11/2/2016	2016	7
818	ADAmbrosi@hatci.com	Evaporative Emissions Systems	11/2/2016	2016	7
819	ADAmbrosi@hatci.com	Evaporative Emissions Systems	11/2/2016	2016	7
820	ADAmbrosi@hatci.com	Evaporative Emissions Systems	11/2/2016	2016	7
821	ADAmbrosi@hatci.com	Evaporative Emissions Systems	11/2/2016	2016	7
822		Computer Related (Other than OBD)	12/12/2016	2016	20
823	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	11/2/2016	2016	1655
824	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	11/2/2016	2016	1655
825	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	11/2/2016	2016	1655
826	dennis.rakicki@fcagroup.com	Emission Control Information Label	10/21/2016	2016	1664
827	dennis.rakicki@fcagroup.com	Emission Control Information Label	10/21/2016	2016	1664
828		Fuel Tank Component	11/20/2016	2016	1009
829		Fuel Tank Component	11/20/2016	2016	1009
830		Fuel Tank Component	11/20/2016	2016	1009
831		Fuel Tank Component	11/20/2016	2016	1010
832		Electrical, Mechanical and Cooling Systems	10/31/2016	2016	18
833	N/A	Evaporative Emissions Systems	12/1/2016	2016	17

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799	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina
800	The subject vehicles are equipped with an Oxygen Sensor which could experience degradation of the Oxygen Sensor wiring harness. The degradation is caused by vehicle vibration during normal operation. If the degradation occurs, the Malfunction Indicator Lamp (MIL) vehicle will illuminate the Malfunction Indicator Lamp (MIL)
801	The subject vehicles are equipped with an Oxygen Sensor which could experience degradation of the Oxygen Sensor wiring harness. The degradation is caused by vehicle vibration during normal operation. If the degradation occurs, the Malfunction Indicator Lamp (MIL) vehicle will illuminate the Malfunction Indicator Lamp (MIL)
802	This VERR presents information about vibration due to rough idle and/or tapping noise from the HV transaxle at cold start and possibly Malfunction Indicator Light (MIL) ¿ON¿ condition with Diagnostic Trouble Code (DTC) P0300, P0301, P0302, P0303, P0304, and P0401. Some Prius, Prius V, Prius PHV, and CT200h vehicles may exhi
803	This VERR presents information about vibration due to rough idle and/or tapping noise from the HV transaxle at cold start and possibly Malfunction Indicator Light (MIL) ¿ON¿ condition with Diagnostic Trouble Code (DTC) P0300, P0301, P0302, P0303, P0304, and P0401. Some Prius, Prius V, Prius PHV, and CT200h vehicles may exhi
804	This VERR presents information about vibration due to rough idle and/or tapping noise from the HV transaxle at cold start and possibly Malfunction Indicator Light (MIL) ¿ON¿ condition with Diagnostic Trouble Code (DTC) P0300, P0301, P0302, P0303, P0304, and P0401. Some Prius, Prius V, Prius PHV, and CT200h vehicles may exhi
805	During production approximately 60 Sorento vehicles destined for the US market were inadvertently prepared with a Transmission Control Unit (TCU) calibration utilized for the Mexican market. The only portion of the TCU calibration that is different between the US and Mexican market vehicles is related to the OBD system thres
806	Certain 2014-2015 Chevrolet Cruze diesel vehicles may experience oxygen and position 1 nitrogen oxide sensor replacement. Typical oxygen sensor and NOx sensor replacement is due to soot build up on the sensor inlet causing the slow response diagnostic to set.
807	Certain 2014-2015 Chevrolet Cruze diesel vehicles may experience oxygen and position 1 nitrogen oxide sensor replacement. Typical oxygen sensor and NOx sensor replacement is due to soot build up on the sensor inlet causing the slow response diagnostic to set.
808	General Motors has identified a potential defect on certain 2016 Chevrolet Cruze vehicles equipped with a 1.4L engine. During the repair of water pumps on 955 engines at the GM Flint Engine Plant, a Jiffy-Tite connection on the turbocharger oil feed pipe was removed and reconnected as part of this repair. This connection was n
809	During production approximately 60 Sorento vehicles destined for the US market were prepared with a Transmission Control Unit (TCU) calibration intended for the Mexican market. The only portion of the TCU calibration that is different between the US and Mexican market vehicles is related to the OBD system threshold values a
810	Some 2011-2012 model year 2.5L non-HEV and 3.0L Fusion/Milan vehicles may experience leaking or stuck canister purge valves (CPV) due to wear of the armature. This condition may be caused by inadequate bonding between the armature sleeve and armature core and/or excessive armature wear.
811	Some 2011-2012 model year 2.5L non-HEV and 3.0L Fusion/Milan vehicles may experience leaking or stuck canister purge valves (CPV) due to wear of the armature. This condition may be caused by inadequate bonding between the armature sleeve and armature core and/or excessive armature wear.
812	Due to the introduction of an incorrect software function within the motor control module software implemented between 04/2015 and 07/2015 (during the running Model Year 2015) for model X5 xDrive 35d, the power steering control module in some cases (about 38%) could not calculate correct steering parameter, which th
813	Some 2016 MY Jeep® Grand Cherokee and Dodge Durango vehicles equipped with a 3.6L V6 engine may have experienced improper installation of the fuel rail crossover tube during engine assembly, which potentially could cause the tube to become damaged. Approximately 29,913 of these vehicles were built and shipped betw
814	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
815	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
816	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code set of P0442 (Evap. system small leak) and P0455 (Evap. system large leak). The defect causing the MIL set is a crack in the evap. canister, and the main ca
817	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code set of P0442 (Evap. system small leak) and P0455 (Evap. system large leak). The defect causing the MIL set is a crack in the evap. canister, and the main ca
818	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code set of P0442 (Evap. system small leak) and P0455 (Evap. system large leak). The defect causing the MIL set is a crack in the evap. canister, and the main ca
819	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code set of P0442 (Evap. system small leak) and P0455 (Evap. system large leak). The defect causing the MIL set is a crack in the evap. canister, and the main ca
820	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code set of P0442 (Evap. system small leak) and P0455 (Evap. system large leak). The defect causing the MIL set is a crack in the evap. canister, and the main ca
821	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code set of P0442 (Evap. system small leak) and P0455 (Evap. system large leak). The defect causing the MIL set is a crack in the evap. canister, and the main ca
822	Due to inappropriate programing of the PCM, the air to fuel ratio control may lose the compensation for enrichment, high precision control and catalyst monitoring under certain hot re-start condition.
823	Some 2014 - 2015MY Jeep Cherokee and Chrysler 200 vehicles, some 2015 MY Jeep Renegade, and RAM ProMaster vehicles and some 2016 MY Fiat 500X vehicles may experience an unexpected shift to neutral due to insufficient crimps in the transmission wire harness which can result in a loss of motive power.
824	Some 2014 - 2015MY Jeep Cherokee and Chrysler 200 vehicles, some 2015 MY Jeep Renegade, and RAM ProMaster vehicles and some 2016 MY Fiat 500X vehicles may experience an unexpected shift to neutral due to insufficient crimps in the transmission wire harness which can result in a loss of motive power.
825	Some 2014 - 2015MY Jeep Cherokee and Chrysler 200 vehicles, some 2015 MY Jeep Renegade, and RAM ProMaster vehicles and some 2016 MY Fiat 500X vehicles may experience an unexpected shift to neutral due to insufficient crimps in the transmission wire harness which can result in a loss of motive power.
826	Some 2015-2016 MY Alfa Romeo 4C vehicles may have an incorrect or missing Vehicle Emission Control Information (¿VECI¿) label attached due to an inadvertent internal process error.
827	Some 2015-2016 MY Alfa Romeo 4C vehicles may have an incorrect or missing Vehicle Emission Control Information (¿VECI¿) label attached due to an inadvertent internal process error.
828	Due to improper handling, the fuel tank may become deformed during manufacturing. In this condition, welding of the Inlet Check Valve (ICV) to the fuel tank may be insufficient. In the worst case during normal vehicle use, vibration may cause breakage of the ICV weld resulting in fuel leakage.
829	Due to improper handling, the fuel tank may become deformed during manufacturing. In this condition, welding of the Inlet Check Valve (ICV) to the fuel tank may be insufficient. In the worst case during normal vehicle use, vibration may cause breakage of the ICV weld resulting in fuel leakage.
830	Due to improper handling, the fuel tank may become deformed during manufacturing. In this condition, welding of the Inlet Check Valve (ICV) to the fuel tank may be insufficient. In the worst case during normal vehicle use, vibration may cause breakage of the ICV weld resulting in fuel leakage.
831	In order to optimize Due to an inappropriate facility control in the fuel tank manufacturing process, the fuel tank may be deformed. In this condition, the recirculation pipe was weld to the fuel tank, leading to insufficient welding, and the fuel may potentially leak from the welded point of the tank.
832	Certain 2015 model year Acura TLX vehicles with A/T could have the TCU (Transmission Control Unit) go into failsafe mode, causing the transmission to shift into neutral. The lack of terminal crimping on the 9A/T harness coupler can cause a resistance in the course of usage. This resistance is detected as a failure by the TCU. The T
833	Audi has determined that, in some vehicles, it is possible for the natural vacuum leak detection (NVLD) pressure switch to become contaminated with dust, causing the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. While this condition causes no impact to vehicle tailpipe emissions, the presence of a MIL-on condition may cause the vehicle to fail an IM (emissions) test. Because of this, Audi is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 1st, 2016 Customer Notification: On or about December 2nd, 2016 Part numbers involved (NVLD pressure switch): 8K0 906 253 B / C / D / E / H / J 5Q0.906.253 / A / B / C

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799	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
800	Replacement of the Oxygen Sensor via special service campaign for MIL illumination at no cost to vehicle owners.
801	Replacement of the Oxygen Sensor via special service campaign for MIL illumination at no cost to vehicle owners.
802	Toyota is initiating an extension of warranty coverage for sticking exhaust gas recirculation (EGR) valve. The warranty enhancement extends the Primary Coverage until March 31, 2017 with unlimited mileage and the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
803	Toyota is initiating an extension of warranty coverage for sticking exhaust gas recirculation (EGR) valve. The warranty enhancement extends the Primary Coverage until March 31, 2017 with unlimited mileage and the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
804	Toyota is initiating an extension of warranty coverage for sticking exhaust gas recirculation (EGR) valve. The warranty enhancement extends the Primary Coverage until March 31, 2017 with unlimited mileage and the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
805	To correct this problem, Kia will recall the affected vehicles to reprogramthe TCU with the proper calibration.
806	General Motors will conduct a Voluntary Emission Recall to install a revised software and calibration file in the Engine Control Module that will use the lambda signal in the position 1 NOx sensor for control for all 2014-2015 Cruze diesel vehicles. As part of this recall, General Motors will also install a new position 1 NOx sensor.
807	General Motors will conduct a Voluntary Emission Recall to install a revised software and calibration file in the Engine Control Module that will use the lambda signal in the position 1 NOx sensor for control for all 2014-2015 Cruze diesel vehicles. As part of this recall, General Motors will also install a new position 1 NOx sensor.
808	General Motors will conduct a Voluntary Emissions Recall to replace the Jiffy-Tite fitting on the turbocharger oil feed pipe connection.
809	To correct this problem, Kia will reprogrammed the PCM.
810	Customer satisfaction program 16B38 was approved to reflash vehicles with an updated calibration and to test, remove, and replace CPVs if necessary. Additionally, affected vehicles will have their fuel tanks inspected for cracks in the tank shell. If necessary, the fuel tank will be removed and replaced.
811	Customer satisfaction program 16B38 was approved to reflash vehicles with an updated calibration and to test, remove, and replace CPVs if necessary. Additionally, affected vehicles will have their fuel tanks inspected for cracks in the tank shell. If necessary, the fuel tank will be removed and replaced.
812	BMW has decided to conduct an emission recall to flash a modified software without the described malfunctions on all affected models X5 xDrive 35d.
813	FCA US will conduct an emission-related Voluntary Safety Recall (S85) on all affected vehicles to inspect for assembly damage to the fuel rail crossover tube and if necessary to install new fuel rail and lower intake manifold.
814	Ford has initiated field service action 16B23 to include some 2011-2012 MY 3.5L and 3.7L Edge and MKX and 2011-12 MY 3.7L Mustang vehicles. Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles in to dealers to receive new throttle body assemblies.
815	Ford has initiated field service action 16B23 to include some 2011-2012 MY 3.5L and 3.7L Edge and MKX and 2011-12 MY 3.7L Mustang vehicles. Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles in to dealers to receive new throttle body assemblies.
816	To correct this problem, Hyundai will replace the original defect canister with an improved canister during this service campaign.
817	To correct this problem, Hyundai will replace the original defect canister with an improved canister during this service campaign.
818	To correct this problem, Hyundai will replace the original defect canister with an improved canister during this service campaign.
819	To correct this problem, Hyundai will replace the original defect canister with an improved canister during this service campaign.
820	To correct this problem, Hyundai will replace the original defect canister with an improved canister during this service campaign.
821	To correct this problem, Hyundai will replace the original defect canister with an improved canister during this service campaign.
822	The PCM will be updated with correct programming by a Honda dealership.
823	FCA US LLC will conduct an emission-related Voluntary Safety Recall (S55) on all affected vehicles to either reflash updated transmission software and/or replace the solenoid sensor harness on all affected vehicles.
824	FCA US LLC will conduct an emission-related Voluntary Safety Recall (S55) on all affected vehicles to either reflash updated transmission software and/or replace the solenoid sensor harness on all affected vehicles.
825	FCA US LLC will conduct an emission-related Voluntary Safety Recall (S55) on all affected vehicles to either reflash updated transmission software and/or replace the solenoid sensor harness on all affected vehicles.
826	FCA will conduct a Voluntary Emissions Recall (S64) to replace the incorrect or missing VECI label with the correct VECI label on affected vehicles.
827	FCA will conduct a Voluntary Emissions Recall (S64) to replace the incorrect or missing VECI label with the correct VECI label on affected vehicles.
828	The lot number of the fuel tank will be checked and, if confirmed to be affected, an inspection of the ICV weld will be conducted with replacement of the fuel tank as needed. The repair will be performed free of charge to vehicle owners.
829	The lot number of the fuel tank will be checked and, if confirmed to be affected, an inspection of the ICV weld will be conducted with replacement of the fuel tank as needed. The repair will be performed free of charge to vehicle owners.
830	The lot number of the fuel tank will be checked and, if confirmed to be affected, an inspection of the ICV weld will be conducted with replacement of the fuel tank as needed. The repair will be performed free of charge to vehicle owners.
831	Mazda dealer will confirm the lot number of the fuel tank and if the lot number is contained in the affected lot number of the tank, the dealer will inspect the weld point of the recirculation pipe and replace the fuel tank with the good one as needed. The repair will be performed free of charge to vehicle owners.
832	TCU software update to change the failsafe mode from a neutral state to a gear hold mode.
833	Volkswagen Group of America, Inc. is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 1st, 2016 Customer Notification: On or about December 2nd, 2016 Note: This VERR report addresses MY 2011 through 2014 Audi vehicles (AUDI Test Groups). MY 2015 is being reported under VERR VG-0009 (VGA Test Groups).

	W
799	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
800	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
801	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
802	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
803	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
804	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
805	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
806	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
807	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
808	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
809	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
810	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
811	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
812	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
813	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
814	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
815	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
816	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
817	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
818	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
819	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
820	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
821	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
822	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
823	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
824	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
825	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
826	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
827	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
828	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
829	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
830	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
831	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
832	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
833	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.

	X
799	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
800	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
801	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
802	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
803	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
804	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
805	There are no restrictions on eligibility.
806	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
807	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
808	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
809	There are no restrictions on eligibility.
810	Eligibility for this program is not conditioned upon proper maintenance or use.
811	Eligibility for this program is not conditioned upon proper maintenance or use.
812	Not applicable.
813	None.
814	Eligibility for this program is not conditioned upon proper maintenance or use.
815	Eligibility for this program is not conditioned upon proper maintenance or use.
816	There are no restrictions on eligibility.
817	There are no restrictions on eligibility.
818	There are no restrictions on eligibility.
819	There are no restrictions on eligibility.
820	There are no restrictions on eligibility.
821	There are no restrictions on eligibility.
822	No pre-conditions exist. Repair will be made free-of-charge.
823	None.
824	None.
825	None.
826	None.
827	None.
828	There will be no restrictions on eligibility.
829	There will be no restrictions on eligibility.
830	There will be no restrictions on eligibility.
831	There will be no restrictions on eligibility.
832	No pre-conditions exist. Repair will be made free-of-charge.
833	There are no maintenance or eligibility requirements.

	Y
799	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
800	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure. The repair will be performed at Toyota dealerships only, and will take approximately 60 minutes. However, depending upon the dealer¿s w
801	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure. The repair will be performed at Toyota dealerships only, and will take approximately 60 minutes. However, depending upon the dealer¿s w
802	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for a sticking EGR Valve.
803	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for a sticking EGR Valve.
804	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for a sticking EGR Valve.
805	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
806	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
807	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
808	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
809	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
810	See Owner Notification Letter.
811	See Owner Notification Letter.
812	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
813	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
814	See Owner Notification Letter.
815	See Owner Notification Letter.
816	Owners will be instructed to contact their local Hyundai dealer to make an appointment to perform this service campaign. Please see the attached draft owner notification letter for additional information.
817	Owners will be instructed to contact their local Hyundai dealer to make an appointment to perform this service campaign. Please see the attached draft owner notification letter for additional information.
818	Owners will be instructed to contact their local Hyundai dealer to make an appointment to perform this service campaign. Please see the attached draft owner notification letter for additional information.
819	Owners will be instructed to contact their local Hyundai dealer to make an appointment to perform this service campaign. Please see the attached draft owner notification letter for additional information.
820	Owners will be instructed to contact their local Hyundai dealer to make an appointment to perform this service campaign. Please see the attached draft owner notification letter for additional information.
821	Owners will be instructed to contact their local Hyundai dealer to make an appointment to perform this service campaign. Please see the attached draft owner notification letter for additional information.
822	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
823	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
824	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
825	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
826	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.
827	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.
828	As all Mazda dealers were provided with instructions for repairs prior to sending the owner notification letter scheduled on November 20, 2015, owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealer.
829	As all Mazda dealers were provided with instructions for repairs prior to sending the owner notification letter scheduled on November 20, 2015, owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealer.
830	As all Mazda dealers were provided with instructions for repairs prior to sending the owner notification letter scheduled on November 20, 2015, owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealer.
831	As all Mazda dealers were provided with instructions for repair prior to sending the owner notification letter scheduled on November 20, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
832	Call any authorized Acura dealer and make an appointment to have your vehicle repaired.
833	Affected authorized Audi dealers will receive notification and detailed information about this Extended Warranty Program on or about December 1st, 2016 Affected Audi owners will be mailed a notification of this program on or about December 2nd, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.

	Z
799	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
800	The repair will be performed at Toyota dealerships only.
801	The repair will be performed at Toyota dealerships only.
802	The repair will be performed at Toyota and Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
803	The repair will be performed at Toyota and Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
804	The repair will be performed at Toyota and Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
805	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
806	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
807	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
808	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
809	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
810	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
811	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
812	Not applicable.
813	None.
814	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
815	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
816	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
817	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
818	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
819	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
820	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
821	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
822	Work can only be performed by an authorized Honda dealership.
823	None.
824	None.
825	None.
826	None.
827	None.
828	Repair work will be performed only by authorized Mazda dealers.
829	Repair work will be performed only by authorized Mazda dealers.
830	Repair work will be performed only by authorized Mazda dealers.
831	Repair work will be performed only by authorized Mazda dealers.
832	Work can only be performed by an authorized Acura dealership.
833	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.

	AA
799	There is sufficient inventory of the replacement parts to accommodate this SPA.
800	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
801	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
802	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
803	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
804	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
805	The TCU will be re-programed by dealers to the US market's TCU version.
806	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
807	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
808	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
809	The TCU will be re-programed by dealers to the US market's TCU version.
810	Dealers are to obtain parts for this repair through the Special Service Support Center. The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
811	Dealers are to obtain parts for this repair through the Special Service Support Center. The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
812	The software update is provided to all authorized BMW centers via our service network.
813	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
814	Dealers are to obtain parts for this repair through the Special Service Support Center. The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
815	Dealers are to obtain parts for this repair through the Special Service Support Center. The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
816	The original parts will be replaced during this campaign. A supply of the canister will be maintained in Hyundai Motors America parts system if dealers need to order additional quantities.
817	The original parts will be replaced during this campaign. A supply of the canister will be maintained in Hyundai Motors America parts system if dealers need to order additional quantities.
818	The original parts will be replaced during this campaign. A supply of the canister will be maintained in Hyundai Motors America parts system if dealers need to order additional quantities.
819	The original parts will be replaced during this campaign. A supply of the canister will be maintained in Hyundai Motors America parts system if dealers need to order additional quantities.
820	The original parts will be replaced during this campaign. A supply of the canister will be maintained in Hyundai Motors America parts system if dealers need to order additional quantities.
821	The original parts will be replaced during this campaign. A supply of the canister will be maintained in Hyundai Motors America parts system if dealers need to order additional quantities.
822	Software update, no parts required.
823	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
824	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
825	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
826	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.
827	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.
828	The necessary number of repair parts will be available at any authorized Mazda dealer.
829	The necessary number of repair parts will be available at any authorized Mazda dealer.
830	The necessary number of repair parts will be available at any authorized Mazda dealer.
831	The necessary modified parts for repair are available at any authorized Mazda dealers.
832	Only software will be updated with no parts required.
833	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AB
799	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: Warranty policy bulletin for dealers and signed VERR letter.
800	Other : signed VERR letter
801	Other : signed VERR letter
802	Adding signed VERR#00008 TYX-20151104-16 letter
803	Adding signed VERR#00008 TYX-20151104-16 letter
804	Adding signed VERR#00008 TYX-20151104-16 letter
805	
806	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
807	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
808	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
809	
810	
811	
812	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
813	Actual Number Identified and Affected reflect the number of vehicles in campaign S85. Based on the number of damaged parts found during an inspection of suspect engine assemblies and vehicles, an estimated total of 30 vehicles may have a damaged fuel rail crossover tube. Over time, with fuel exposure, pressure pulsation and thermal cycling, a fuel leak may develop at the impacted location.
814	
815	
816	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
817	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
818	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
819	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
820	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
821	Some 2011~2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
822	Related Documents: Customer Notification Honda Service Bulletin 16-103
823	
824	
825	
826	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.
827	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.
828	
829	
830	
831	
832	Attachments: Acura Product Update TBS 16-075 Honda is submitting the enclosed EPA Safety Recall Notification (ESRN) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
833	Forwarding letter - CBI

	AC	AD	AE
799	This repair will not affect fuel consumption.		5611
800	This repair will not affect fuel consumption.		5612
801	This repair will not affect fuel consumption.		5612
802	This repair will not affect fuel consumption.		5613
803	This repair will not affect fuel consumption.		5613
804	This repair will not affect fuel consumption.		5613
805	This repair will not affect the fuel consumption of these vehicles.		5647
806	The proposed changes have no impact on fuel economy.		5665
807	The proposed changes have no impact on fuel economy.		5665
808	The proposed changes have no impact on fuel economy.		5666
809	This repair will not affect the fuel consumption of these vehicles.		5646
810	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5685
811	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5685
812	This repair has no adverse impact on fuel economy.		5885
813	None.		5925
814	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5668
815	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5668
816	This repair will not affect fuel consumption of these vehicles.		5705
817	This repair will not affect fuel consumption of these vehicles.		5705
818	This repair will not affect fuel consumption of these vehicles.		5705
819	This repair will not affect fuel consumption of these vehicles.		5705
820	This repair will not affect fuel consumption of these vehicles.		5705
821	This repair will not affect fuel consumption of these vehicles.		5705
822	None		5725
823	None.		5745
824	None.		5745
825	None.		5745
826	None.		5667
827	None.		5667
828	There is no impact on fuel economy.		5726
829	There is no impact on fuel economy.		5726
830	There is no impact on fuel economy.		5726
831	Mazda judges that there is no impact on fuel economy.		5727
832	None.		5785
833	Not applicable		5786

	AF	AG	AH	AI
799	Other documents: Warranty policy bulletin for dealers. Added signed VERR letter.	3	N	N
800	Adding signed VERR letter	3	N	Y
801	Adding signed VERR letter	3	N	Y
802	Adding signed VERR Letter	5	N	Y
803	Adding signed VERR Letter	5	N	Y
804	Adding signed VERR Letter	5	N	Y
805		2	Y	N
806		1	N	N
807		1	N	N
808		1	N	N
809		2	Y	N
810		3	Y	Y
811		3	Y	Y
812		1	Y	N
813		2	Y	N
814		3	Y	Y
815		3	Y	Y
816		1	N	N
817		1	N	N
818		1	N	N
819		1	N	N
820		1	N	N
821		1	N	N
822		2	Y	N
823		2	Y	N
824		2	Y	N
825		2	Y	N
826		2	Y	N
827		2	Y	N
828		4	Y	Y
829		4	Y	Y
830		4	Y	Y
831		4	Y	Y
832		2	Y	N
833		3	Y	N

	AJ	AK	AL	AM
799	N	Y	229041	This repair will not affect driveability.
800	N	Y	229164	This repair will not affect driveability.
801	N	Y	229164	This repair will not affect driveability.
802	N	Y	229175	This repair will not affect driveability.
803	N	Y	229175	This repair will not affect driveability.
804	N	Y	229175	This repair will not affect driveability.
805	N	N	232864	This repair will not effect the drivability of these vehicles
806	N	N	233491	The proposed changes have no impact on drivability.
807	N	N	233491	The proposed changes have no impact on drivability.
808	N	N	233493	The proposed changes have no impact on drivability.
809	N	N	232365	This repair will not effect the drivability of these vehicles
810	N	N	234636	Ford engineering judgment indicates that the corrective action should not affect drivability.
811	N	N	234636	Ford engineering judgment indicates that the corrective action should not affect drivability.
812	N	Y	243558	This repair has no adverse impact on driveability.
813	N	N	247436	None.
814	N	N	234035	Ford engineering judgment indicates that the corrective action should not affect drivability.
815	N	N	234035	Ford engineering judgment indicates that the corrective action should not affect drivability.
816	N	N	235290	This repair will not drivability of these vehicles
817	N	N	235290	This repair will not drivability of these vehicles
818	N	N	235290	This repair will not drivability of these vehicles
819	N	N	235290	This repair will not drivability of these vehicles
820	N	N	235290	This repair will not drivability of these vehicles
821	N	N	235290	This repair will not drivability of these vehicles
822	N	N	237037	None
823	N	N	238281	None.
824	N	N	238281	None.
825	N	N	238281	None.
826	N	N	233713	None.
827	N	N	233713	None.
828	Y	N	237455	There is no impact on driveability.
829	Y	N	237455	There is no impact on driveability.
830	Y	N	237455	There is no impact on driveability.
831	Y	N	237461	Mazda judges that there is no impact on driveability.
832	N	N	239582	None
833	N	Y	239607	Not applicable

	AN	AO	AP	AQ	AR
799	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	5376	2	0001
800	This repair will not affect safety.	N	5377	1	0003
801	This repair will not affect safety.	N	5377	1	0003
802	This repair will not affect safety.	Y	5378	1	0044
803	This repair will not affect safety.	Y	5378	1	0044
804	This repair will not affect safety.	Y	5378	1	0044
805	This repair will not affect the safety of these vehicles.	Y	5412	1	0104
806	The proposed changes have no impact safety.	N	5430	0	1290
807	The proposed changes have no impact safety.	N	5430	0	1290
808	The proposed changes have no impact safety.	N	5431	0	1313
809	This repair will not affect the safety of these vehicles.	Y	5411	1	0116
810	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5450	0	1102
811	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5450	0	1102
812	This repair has no adverse impact on safety.	Y	5650	1	0115
813	None.	N	5710	0	1625
814	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5433	0	1405
815	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5433	0	1405
816	This repair will not affect the safety of these vehicles.	Y	5470	1	0113
817	This repair will not affect the safety of these vehicles.	Y	5470	1	0113
818	This repair will not affect the safety of these vehicles.	Y	5470	1	0113
819	This repair will not affect the safety of these vehicles.	Y	5470	1	0113
820	This repair will not affect the safety of these vehicles.	Y	5470	1	0113
821	This repair will not affect the safety of these vehicles.	Y	5470	1	0113
822	None	Y	5490	0	0086
823	None.	N	5510	0	1614
824	None.	N	5510	0	1614
825	None.	N	5510	0	1614
826	None.	N	5432	0	1618
827	None.	N	5432	0	1618
828	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5491	0	0237
829	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5491	0	0237
830	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5491	0	0237
831	Mazda judges that there is no impact on safety.	N	5492	0	0238
832	Safety will be improved. Repair will change the failsafe mode from a neutral state to a gear hold mode.	Y	5550	0	0085
833	Not applicable	N	5551	0	0036,0045,0056,0063

	AS	AT	AU
799	Y		1
800	Y		1
801	Y		1
802	Y		1
803	Y		1
804	Y		1
805	N	9/26/2016	1
806	Y		1
807	Y		1
808	Y		1
809	N	9/26/2016	1
810	Y		1
811	Y		1
812	N		1
813	Y	12/24/2016	1
814	Y		1
815	Y		1
816	N	11/3/2016	1
817	N	11/3/2016	1
818	N	11/3/2016	1
819	N	11/3/2016	1
820	N	11/3/2016	1
821	N	11/3/2016	1
822	N	12/13/2016	1
823	Y	11/16/2016	1
824	Y	11/16/2016	1
825	Y	11/16/2016	1
826	Y	10/22/2016	1
827	Y	10/22/2016	1
828	Y	11/21/2016	1
829	Y	11/21/2016	1
830	Y	11/21/2016	1
831	Y	11/21/2016	1
832	N	11/1/2016	1
833	Y	12/2/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
834	15662	11/21/2016	2013	ADX	AD-0017	Light-Duty Vehicles and Trucks	259590	N					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
835	15662	11/21/2016	2012	ADX	AD-0017	Light-Duty Vehicles and Trucks	259590	N					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
836	15662	11/21/2016	2011	ADX	AD-0017	Light-Duty Vehicles and Trucks	259590	N					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
837	15698	11/30/2016	2015	CEX	CDR2015-03	Light-Duty Vehicles and Trucks	135824	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
838	15698	11/30/2016	2014	CEX	CDR2015-03	Light-Duty Vehicles and Trucks	135824	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
839	15698	11/30/2016	2013	CEX	CDR2015-03	Light-Duty Vehicles and Trucks	135824	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
840	15719	12/5/2016	2003	CRX	X70	Light-Duty Vehicles and Trucks	2053	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
841	15477	10/4/2016	2011	GMX	1214	Light-Duty Vehicles and Trucks	183585	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
842	15477	10/4/2016	2010	GMX	1214	Light-Duty Vehicles and Trucks	183585	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200

	P	Q	R	S	T
834	N/A	Evaporative Emissions Systems	12/1/2016	2016	17
835	N/A	Evaporative Emissions Systems	12/1/2016	2016	17
836	N/A	Evaporative Emissions Systems	12/1/2016	2016	17
837		Selective Catalytic Reduction System	11/21/2016	2016	9
838		Selective Catalytic Reduction System	11/21/2016	2016	9
839		Selective Catalytic Reduction System	11/21/2016	2016	9
840	mark.finsterwald@fcagroup.com	On-Board Diagnostic (OBD) System	12/2/2016	2016	70
841		Fuel Delivery Component	9/30/2016	2016	1214
842		Fuel Delivery Component	9/30/2016	2016	1214

	U
834	Audi has determined that, in some vehicles, it is possible for the natural vacuum leak detection (NVLD) pressure switch to become contaminated with dust, causing the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. While this condition causes no impact to vehicle tailpipe emissions, the presence of a MIL-on condition may cause the vehicle to fail an IM (emissions) test. Because of this, Audi is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 1st, 2016 Customer Notification: On or about December 2nd, 2016 Part numbers involved (NVLD pressure switch): 8K0 906 253 B / C / D / E / H / J 5Q0.906.253 / A / B / C
835	Audi has determined that, in some vehicles, it is possible for the natural vacuum leak detection (NVLD) pressure switch to become contaminated with dust, causing the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. While this condition causes no impact to vehicle tailpipe emissions, the presence of a MIL-on condition may cause the vehicle to fail an IM (emissions) test. Because of this, Audi is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 1st, 2016 Customer Notification: On or about December 2nd, 2016 Part numbers involved (NVLD pressure switch): 8K0 906 253 B / C / D / E / H / J 5Q0.906.253 / A / B / C
836	Audi has determined that, in some vehicles, it is possible for the natural vacuum leak detection (NVLD) pressure switch to become contaminated with dust, causing the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. While this condition causes no impact to vehicle tailpipe emissions, the presence of a MIL-on condition may cause the vehicle to fail an IM (emissions) test. Because of this, Audi is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 1st, 2016 Customer Notification: On or about December 2nd, 2016 Part numbers involved (NVLD pressure switch): 8K0 906 253 B / C / D / E / H / J 5Q0.906.253 / A / B / C
837	Some MY2013 through MY2015 Ram 2500 Pickup vehicles may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust temperatures a
838	Some MY2013 through MY2015 Ram 2500 Pickup vehicles may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust temperatures a
839	Some MY2013 through MY2015 Ram 2500 Pickup vehicles may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust temperatures a
840	Some 2003 model year Chrysler PT Cruiser vehicles equipped with a 2.4L I4 Turbocharged engine and 5-speed manual transmission may have may have software that could prevent the catalyst monitor from clearing OBD readiness.
841	On certain 2010-2011 Chevrolet Equinox and GMC Terrain vehicles, there may be wear on the high pressure fuel pump plunger and plunger seal that can cause fuel from the fuel side of the pump to leak past the plunger's seal and into the oil. Engines built as of December 15, 2010, have used pumps that incorporate a diamond-lik
842	On certain 2010-2011 Chevrolet Equinox and GMC Terrain vehicles, there may be wear on the high pressure fuel pump plunger and plunger seal that can cause fuel from the fuel side of the pump to leak past the plunger's seal and into the oil. Engines built as of December 15, 2010, have used pumps that incorporate a diamond-lik

	V
834	Volkswagen Group of America, Inc. is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 1st, 2016 Customer Notification: On or about December 2nd, 2016 Note: This VERR report addresses MY 2011 through 2014 Audi vehicles (AUDI Test Groups). MY 2015 is being reported under VERR VG-0009 (VGA Test Groups).
835	Volkswagen Group of America, Inc. is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 1st, 2016 Customer Notification: On or about December 2nd, 2016 Note: This VERR report addresses MY 2011 through 2014 Audi vehicles (AUDI Test Groups). MY 2015 is being reported under VERR VG-0009 (VGA Test Groups).
836	Volkswagen Group of America, Inc. is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 1st, 2016 Customer Notification: On or about December 2nd, 2016 Note: This VERR report addresses MY 2011 through 2014 Audi vehicles (AUDI Test Groups). MY 2015 is being reported under VERR VG-0009 (VGA Test Groups).
837	Cummins Inc. (¿Cummins¿) and FCA US LLC (¿FCA¿), will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
838	Cummins Inc. (¿Cummins¿) and FCA US LLC (¿FCA¿), will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
839	Cummins Inc. (¿Cummins¿) and FCA US LLC (¿FCA¿), will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
840	FCA US LLC (FCA) will provide a lifetime extended warranty (X70) to reprogram the powertrain control module with software to correct this issue.
841	General Motors will conduct a Voluntary Emission Recall to install a new high pressure fuel pump in all affected Equinox and Terrain vehicles. The new service part incorporates a diamond-like coating (DLC) applied to the plunger shaft to reduce wear.
842	General Motors will conduct a Voluntary Emission Recall to install a new high pressure fuel pump in all affected Equinox and Terrain vehicles. The new service part incorporates a diamond-like coating (DLC) applied to the plunger shaft to reduce wear.

	W
834	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
835	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
836	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
837	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). Experi
838	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). Experi
839	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). Experi
840	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
841	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
842	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own

	X
834	There are no maintenance or eligibility requirements.
835	There are no maintenance or eligibility requirements.
836	There are no maintenance or eligibility requirements.
837	Not Applicable
838	Not Applicable
839	Not Applicable
840	None.
841	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
842	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.

	Y
834	Affected authorized Audi dealers will receive notification and detailed information about this Extended Warranty Program on or about December 1st, 2016 Affected Audi owners will be mailed a notification of this program on or about December 2nd, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
835	Affected authorized Audi dealers will receive notification and detailed information about this Extended Warranty Program on or about December 1st, 2016 Affected Audi owners will be mailed a notification of this program on or about December 2nd, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
836	Affected authorized Audi dealers will receive notification and detailed information about this Extended Warranty Program on or about December 1st, 2016 Affected Audi owners will be mailed a notification of this program on or about December 2nd, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
837	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 1 to 6 hours. The repair may be performed at any authorized FCA repair location.
838	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 1 to 6 hours. The repair may be performed at any authorized FCA repair location.
839	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 1 to 6 hours. The repair may be performed at any authorized FCA repair location.
840	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
841	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
842	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name

	Z
834	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
835	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
836	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
837	Not applicable.
838	Not applicable.
839	Not applicable.
840	None.
841	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
842	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.

	AA
834	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
835	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
836	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
837	The proposed schedule for implementing the recall (see Notes below) takes into account certain production capacity limitations for the replacement catalyst. Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall in accordance with that schec
838	The proposed schedule for implementing the recall (see Notes below) takes into account certain production capacity limitations for the replacement catalyst. Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall in accordance with that schec
839	The proposed schedule for implementing the recall (see Notes below) takes into account certain production capacity limitations for the replacement catalyst. Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall in accordance with that schec
840	Since this is a warranty action, normal procedures apply.
841	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
842	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.

	AB
834	Forwarding letter - CBI
835	Forwarding letter - CBI
836	Forwarding letter - CBI
837	RECALL SCHEDULE: MY 2013 Ram 2500: Nine (9) states (Alabama, California, Hawaii, Louisiana, Massachusetts, Maine, North Dakota, Texas, and Vermont) in November 2016. o Dealer Notification Date: November 14, 2016 o Customer Notification Date: November 21, 2016 MY2013 remaining forty-one (41) states in February 2017 o Dealer Notification Date: February 8, 2017 o Customer Notification Date: February 15, 2017 MY 2014 and 2015 Ram 2500: Fifty (50) state recall beginning April 2017 o Dealer Notification Date: April 4, 2017 o Customer Notification Date: April 11, 2017
838	RECALL SCHEDULE: MY 2013 Ram 2500: Nine (9) states (Alabama, California, Hawaii, Louisiana, Massachusetts, Maine, North Dakota, Texas, and Vermont) in November 2016. o Dealer Notification Date: November 14, 2016 o Customer Notification Date: November 21, 2016 MY2013 remaining forty-one (41) states in February 2017 o Dealer Notification Date: February 8, 2017 o Customer Notification Date: February 15, 2017 MY 2014 and 2015 Ram 2500: Fifty (50) state recall beginning April 2017 o Dealer Notification Date: April 4, 2017 o Customer Notification Date: April 11, 2017
839	RECALL SCHEDULE: MY 2013 Ram 2500: Nine (9) states (Alabama, California, Hawaii, Louisiana, Massachusetts, Maine, North Dakota, Texas, and Vermont) in November 2016. o Dealer Notification Date: November 14, 2016 o Customer Notification Date: November 21, 2016 MY2013 remaining forty-one (41) states in February 2017 o Dealer Notification Date: February 8, 2017 o Customer Notification Date: February 15, 2017 MY 2014 and 2015 Ram 2500: Fifty (50) state recall beginning April 2017 o Dealer Notification Date: April 4, 2017 o Customer Notification Date: April 11, 2017
840	No progress report will be submitted, as 100% of the vehicle owners will receive an extended warranty.
841	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
842	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.

	AC	AD	AE
834	Not applicable		5786
835	Not applicable		5786
836	Not applicable		5786
837	The impact of the proposed repair of the new replacement catalyst will be negligible related to emissions and fuel economy.		5805
838	The impact of the proposed repair of the new replacement catalyst will be negligible related to emissions and fuel economy.		5805
839	The impact of the proposed repair of the new replacement catalyst will be negligible related to emissions and fuel economy.		5805
840	None.		5825
841	The proposed changes have no impact on fuel economy.		5625
842	The proposed changes have no impact on fuel economy.		5625

	AF	AG	AH	AI
834		3	Y	N
835		3	Y	N
836		3	Y	N
837		2	Y	N
838		2	Y	N
839		2	Y	N
840		3	Y	N
841		1	N	N
842		1	N	N

	AJ	AK	AL	AM
834	N	Y	239607	Not applicable
835	N	Y	239607	Not applicable
836	N	Y	239607	Not applicable
837	N	N	240469	None.
838	N	N	240469	None.
839	N	N	240469	None.
840	N	N	241140	None.
841	N	N	229593	The proposed changes have no impact on drivability.
842	N	N	229593	The proposed changes have no impact on drivability.

	AN	AO	AP	AQ	AR
834	Not applicable	N	5551	0	0036,0045,0056,0063
835	Not applicable	N	5551	0	0036,0045,0056,0063
836	Not applicable	N	5551	0	0036,0045,0056,0063
837	None.	N	5570	0	0020
838	None.	N	5570	0	0020
839	None.	N	5570	0	0020
840	None.	Y	5590	0	1623
841	The proposed changes have no impact safety.	N	5390	0	1214
842	The proposed changes have no impact safety.	N	5390	0	1214

	AS	AT	AU
834	Y	12/2/2016	1
835	Y	12/2/2016	1
836	Y	12/2/2016	1
837	Y		1
838	Y		1
839	Y		1
840	Y	12/3/2016	1
841	Y		1
842	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
843	15479	9/30/2016	2014	VWX	VW-0018	Light-Duty Vehicles and Trucks	91442	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
844	15479	9/30/2016	2013	VWX	VW-0018	Light-Duty Vehicles and Trucks	91442	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
845	15479	9/30/2016	2012	VWX	VW-0018	Light-Duty Vehicles and Trucks	91442	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202
846	15483	10/5/2016	2015	FMX	16B32	Light-Duty Vehicles and Trucks	362203	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
847	15483	10/5/2016	2016	FMX	16B32	Light-Duty Vehicles and Trucks	362203	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
848	15536	10/17/2016	2015	HNX	VERR-A16-001	On-Highway Motorcycles	17643	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
849	15536	10/17/2016	2014	HNX	VERR-A16-001	On-Highway Motorcycles	17643	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864
850	15637	11/18/2016	2016	CRX	S55	ICI: Light-Duty	322954	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469

	P	Q	R	S	T
843	n/a	NOx Sensor	9/15/2016	2016	18
844	n/a	NOx Sensor	9/15/2016	2016	18
845	n/a	NOx Sensor	9/15/2016	2016	18
846		Air Inlet/Intake System	9/14/2016	2016	1632
847		Air Inlet/Intake System	9/14/2016	2016	1632
848		Fuel Delivery Component	10/18/2016	2016	83
849		Fuel Delivery Component	10/18/2016	2016	83
850	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	11/2/2016	2016	1655

	U
843	Part description / Component: Adapter Wire Harness Connector Part number: 5CU 971 411 A Improperly assembled wire seals in a connector of an underbody sensor may allow water to corrode electrical terminals. This can lead to an electrical short with the possibility of overheating at the electrical connection, and cause the Malfunction Indicator Lamp (MIL) in the vehicle to illuminate. In rare cases, overheating of the electrical connection could result in a fire underneath the vehicle. Replace Connector and, if necessary, replace underbody Sensor (part number 03L-907-807-AD). Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed.
844	Part description / Component: Adapter Wire Harness Connector Part number: 5CU 971 411 A Improperly assembled wire seals in a connector of an underbody sensor may allow water to corrode electrical terminals. This can lead to an electrical short with the possibility of overheating at the electrical connection, and cause the Malfunction Indicator Lamp (MIL) in the vehicle to illuminate. In rare cases, overheating of the electrical connection could result in a fire underneath the vehicle. Replace Connector and, if necessary, replace underbody Sensor (part number 03L-907-807-AD). Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed.
845	Part description / Component: Adapter Wire Harness Connector Part number: 5CU 971 411 A Improperly assembled wire seals in a connector of an underbody sensor may allow water to corrode electrical terminals. This can lead to an electrical short with the possibility of overheating at the electrical connection, and cause the Malfunction Indicator Lamp (MIL) in the vehicle to illuminate. In rare cases, overheating of the electrical connection could result in a fire underneath the vehicle. Replace Connector and, if necessary, replace underbody Sensor (part number 03L-907-807-AD). Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed.
846	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
847	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
848	Fuel discharge stops due to swelling of the resin inlet cover of fuel pump. Partial swelling of resin inlet cover eliminates clearance from impeller causing impeller lock, and fuel discharge is stopped.
849	Fuel discharge stops due to swelling of the resin inlet cover of fuel pump. Partial swelling of resin inlet cover eliminates clearance from impeller causing impeller lock, and fuel discharge is stopped.
850	Some 2014 - 2015MY Jeep Cherokee and Chrysler 200 vehicles, some 2015 MY Jeep Renegade, and RAM ProMaster City vehicles and some 2016 MY Fiat 500X vehicles may experience an unexpected shift to neutral due to insufficient crimps in the transmission wire harness which can result in a loss of motive power.

	V
843	Volkswagen Group of America, Inc. has initiated a Safety Recall to address the issue described above. All authorized Volkswagen dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
844	Volkswagen Group of America, Inc. has initiated a Safety Recall to address the issue described above. All authorized Volkswagen dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
845	Volkswagen Group of America, Inc. has initiated a Safety Recall to address the issue described above. All authorized Volkswagen dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
846	Ford has initiated field service action 16B32 to include some 2015 MY 3.5L Taurus and 3.7L Taurus and MKT and 2016 MY 3.5L F-150 and 3.7L Transit, Explorer, Taurus and MKT vehicles. Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles in to dealers to receive new throttle body assemblies. Additionally included in 16B32 are some 2015 MY 3.5L Edge and F-150 and 2016 MY 2.5L Fusion and Escape and 3.5L Explorer, Taurus, and Flex and 3.7L MKX and Mustang vehicles. Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles in to dealers to receive a re-flash of the PCM calibration and software strategy to address the loss of vehicle power in the resultant FMEM.
847	Ford has initiated field service action 16B32 to include some 2015 MY 3.5L Taurus and 3.7L Taurus and MKT and 2016 MY 3.5L F-150 and 3.7L Transit, Explorer, Taurus and MKT vehicles. Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles in to dealers to receive new throttle body assemblies. Additionally included in 16B32 are some 2015 MY 3.5L Edge and F-150 and 2016 MY 2.5L Fusion and Escape and 3.5L Explorer, Taurus, and Flex and 3.7L MKX and Mustang vehicles. Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles in to dealers to receive a re-flash of the PCM calibration and software strategy to address the loss of vehicle power in the resultant FMEM.
848	A resin impeller inlet cover at the fuel pump discharge may swell due to the fuel, and that may narrow the clearance from impeller, preventing the impeller¿s rotation and fuel discharge, leading to the engine stop. The impeller stop will prevent the engine from starting. Therefore, we will change the Fuel Pump Assy to the new one with the new impeller inlet cover whose material has been changed to aluminum, which will not be swelled by fuel.
849	A resin impeller inlet cover at the fuel pump discharge may swell due to the fuel, and that may narrow the clearance from impeller, preventing the impeller¿s rotation and fuel discharge, leading to the engine stop. The impeller stop will prevent the engine from starting. Therefore, we will change the Fuel Pump Assy to the new one with the new impeller inlet cover whose material has been changed to aluminum, which will not be swelled by fuel.
850	FCA US LLC will conduct an emission-related Voluntary Safety Recall (S55) on all affected vehicles to either reflash updated transmission software and/or replace the solenoid sensor harness on all affected vehicles.

	W
843	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
844	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
845	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
846	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
847	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
848	American Honda will use its own retail delivery registration files in conjunction with DMV records procured from R.L. Polk & Co. to acquire customer names and addresses. A service bulletin will be sent to all Honda motorcycle dealers by electronic communication, and a customer notification letter will be sent to the owners by first class U.S. mail.
849	American Honda will use its own retail delivery registration files in conjunction with DMV records procured from R.L. Polk & Co. to acquire customer names and addresses. A service bulletin will be sent to all Honda motorcycle dealers by electronic communication, and a customer notification letter will be sent to the owners by first class U.S. mail.
850	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic

	X
843	There are no maintenance or eligibility requirements.
844	There are no maintenance or eligibility requirements.
845	There are no maintenance or eligibility requirements.
846	Eligibility for this program is not conditioned upon proper maintenance or use.
847	Eligibility for this program is not conditioned upon proper maintenance or use.
848	None
849	None
850	None.

	Y
843	All authorized Volkswagen dealers have been notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: September 15, 2016 Customer Notification: September 16, 2016
844	All authorized Volkswagen dealers have been notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: September 15, 2016 Customer Notification: September 16, 2016
845	All authorized Volkswagen dealers have been notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: September 15, 2016 Customer Notification: September 16, 2016
846	See Owner Notification Letter.
847	See Owner Notification Letter.
848	Refer to the attached Honda Service Bulletin GROM 125 and NSS300/A, example of customer letter included.
849	Refer to the attached Honda Service Bulletin GROM 125 and NSS300/A, example of customer letter included.
850	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.

	Z
843	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
844	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
845	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
846	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
847	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
848	No class or category of persons other than Honda dealerships are authorized to provide this remedy.
849	No class or category of persons other than Honda dealerships are authorized to provide this remedy.
850	None.

	AA
843	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
844	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
845	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
846	Dealers are to obtain parts for this repair through the Special Service Support Center. The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
847	Dealers are to obtain parts for this repair through the Special Service Support Center. The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
848	An adequate supply of parts to cover the initial repairs will be available in American Honda warehouses when the repair campaign is launched. Additional parts will continue to arrive in American Honda warehouses unit an adequate supply of parts to cover the entire campaign is available. To assure parts are used to repair motorcycles that have the defective part, distribution will be controlled by the American Honda.
849	An adequate supply of parts to cover the initial repairs will be available in American Honda warehouses when the repair campaign is launched. Additional parts will continue to arrive in American Honda warehouses unit an adequate supply of parts to cover the entire campaign is available. To assure parts are used to repair motorcycles that have the defective part, distribution will be controlled by the American Honda.
850	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.

	AB
843	Forwarding Letter - CBI
844	Forwarding Letter - CBI
845	Forwarding Letter - CBI
846	
847	
848	Technical Service Bulletin NSS300/A #1 Technical Service Bulletin Grom125 #1 Customer Letter - NSS300/A Customer Letter - Grom
849	Technical Service Bulletin NSS300/A #1 Technical Service Bulletin Grom125 #1 Customer Letter - NSS300/A Customer Letter - Grom
850	Revision R01 corrects the vehicle name from RAM ProMaster to RAM ProMaster City.

	AC	AD	AE
843	Not applicable		5626
844	Not applicable		5626
845	Not applicable		5626
846	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5627
847	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5627
848	None		5645
849	None		5645
850	None.		5765

	AF	AG	AH	AI
843		3	Y	N
844		3	Y	N
845		3	Y	N
846		3	Y	Y
847		3	Y	Y
848		4	Y	N
849		4	Y	N
850	Vehicle name correction from RAM ProMaster to RAM ProMaster City.	0	N	N

	AJ	AK	AL	AM
843	N	Y	229677	Not applicable
844	N	Y	229677	Not applicable
845	N	Y	229677	Not applicable
846	N	N	229857	Ford engineering judgment indicates that the corrective action should not affect drivability.
847	N	N	229857	Ford engineering judgment indicates that the corrective action should not affect drivability.
848	N	N	232134	None
849	N	N	232134	None
850	N	N	238497	None.

	AN	AO	AP	AQ	AR
843	NTHSA Safety Recall. This issue can lead to an electrical short with the possibility of overheating at the electrical connection, and cause the Malfunction Indicator Lamp (MIL) in the vehicle to illuminate. In rare cases, overheating of the electrical connection could result in a fire underneath the vehicle.	N	5391	0	9999
844	NTHSA Safety Recall. This issue can lead to an electrical short with the possibility of overheating at the electrical connection, and cause the Malfunction Indicator Lamp (MIL) in the vehicle to illuminate. In rare cases, overheating of the electrical connection could result in a fire underneath the vehicle.	N	5391	0	9999
845	NTHSA Safety Recall. This issue can lead to an electrical short with the possibility of overheating at the electrical connection, and cause the Malfunction Indicator Lamp (MIL) in the vehicle to illuminate. In rare cases, overheating of the electrical connection could result in a fire underneath the vehicle.	N	5391	0	9999
846	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5392	0	1405
847	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5392	0	1405
848	None	Y	5410	0	0083
849	None	Y	5410	0	0083
850	None.	N	5530	0	1614

	AS	AT	AU
843	Y	9/16/2016	1
844	Y	9/16/2016	1
845	Y	9/16/2016	1
846	Y		1
847	Y		1
848	N	10/19/2016	1
849	N	10/19/2016	1
850	N	11/16/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
851	15637	11/18/2016	2015	CRX	S55	ICI: Light-Duty	322954	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
852	15637	11/18/2016	2014	CRX	S55	ICI: Light-Duty	322954	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
853	15723	12/6/2016	2014	NSX	FOI_NSX_VER_0018_BD_	Light-Duty Vehicles and Trucks	75968	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
854	15726	12/9/2016	2014	MBX	VERR_2016_01	Light-Duty Vehicles and Trucks	73696	Y					Mr R. Thomas Brunner	brunnert@mbusa.com	201-573-2622
855	15726	12/9/2016	2013	MBX	VERR_2016_01	Light-Duty Vehicles and Trucks	73696	Y					Mr R. Thomas Brunner	brunnert@mbusa.com	201-573-2622
856	15726	12/9/2016	2012	MBX	VERR_2016_01	Light-Duty Vehicles and Trucks	73696	Y					Mr R. Thomas Brunner	brunnert@mbusa.com	201-573-2622
857	15726	12/9/2016	2011	MBX	VERR_2016_01	Light-Duty Vehicles and Trucks	73696	Y					Mr R. Thomas Brunner	brunnert@mbusa.com	201-573-2622
858	15726	12/9/2016	2010	MBX	VERR_2016_01	Light-Duty Vehicles and Trucks	73696	Y					Mr R. Thomas Brunner	brunnert@mbusa.com	201-573-2622
859	15742	12/19/2016	2017	NSX	FOI_NSX_VER_0026_BD_	Light-Duty Vehicles and Trucks	311813	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
860	15742	12/19/2016	2016	NSX	FOI_NSX_VER_0026_BD_	Light-Duty Vehicles and Trucks	311813	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
861	15744	12/19/2016	2017	TYX	TOYOTA-VERR-12192016	Light-Duty Vehicles and Trucks	4800	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
862	15753	12/21/2016	2017	FMX	16E03	Light-Duty Vehicles and Trucks	13629	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
863	15754	12/22/2016	2008	TKX	1011	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
864	15754	12/22/2016	2007	TKX	1011	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
865	15754	12/22/2016	2006	TKX	1011	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
866	15754	12/22/2016	2005	TKX	1011	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
867	15754	12/22/2016	2004	TKX	1011	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
868	16617	10/5/2017	2017	CRX	T52	Light-Duty Vehicles and Trucks	30982	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
869	16618	10/6/2017	2012	BMX	17E-W05	Light-Duty Vehicles and Trucks	58173	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
870	16619	10/6/2017	2013	BMX	16E-W06	Light-Duty Vehicles and Trucks	83773	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
871	16619	10/6/2017	2012	BMX	16E-W06	Light-Duty Vehicles and Trucks	83773	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
872	16620	10/6/2017	2013	BMX	17E-W03	Light-Duty Vehicles and Trucks	5307	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
873	16620	10/6/2017	2012	BMX	17E-W03	Light-Duty Vehicles and Trucks	5307	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
874	16620	10/6/2017	2011	BMX	17E-W03	Light-Duty Vehicles and Trucks	5307	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
875	16499	8/14/2017	2017	TYX	TOYOTA-VERR-20170814	Light-Duty Vehicles and Trucks	31824	N					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
876	16499	8/14/2017	2016	TYX	TOYOTA-VERR-20170814	Light-Duty Vehicles and Trucks	31824	N					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
877	16500	8/14/2017	2017	TYX	TOYOTA-VERR-20170814	Light-Duty Vehicles and Trucks	31824	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
878	16500	8/14/2017	2016	TYX	TOYOTA-VERR-20170814	Light-Duty Vehicles and Trucks	31824	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162

	P	Q	R	S	T
851	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	11/2/2016	2016	1655
852	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	11/2/2016	2016	1655
853		Fuel Tank Component	8/5/2015	2015	18
854		Exhaust Gas Recirculation (EGR) System	11/18/2016	2016	1601
855		Exhaust Gas Recirculation (EGR) System	11/18/2016	2016	1601
856		Exhaust Gas Recirculation (EGR) System	11/18/2016	2016	1601
857		Exhaust Gas Recirculation (EGR) System	11/18/2016	2016	1601
858		Exhaust Gas Recirculation (EGR) System	11/18/2016	2016	1601
859		On-Board Diagnostic (OBD) System	2/6/2017	2017	26
860		On-Board Diagnostic (OBD) System	2/6/2017	2017	26
861	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Computer Related (Other than OBD)	12/1/2016	2016	11
862		On-Board Diagnostic (OBD) System	1/9/2017	2017	1603
863		Fuel Delivery Component	12/23/2016	2016	1011
864		Fuel Delivery Component	12/23/2016	2016	1011
865		Fuel Delivery Component	12/23/2016	2016	1011
866		Fuel Delivery Component	12/23/2016	2016	1011
867		Fuel Delivery Component	12/23/2016	2016	1011
868	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	10/4/2017	2017	1752
869	Maria.V.Nizhegorodova@bmwnaext.com	Ignition Component	9/26/2017	2017	2
870	Maria.V.Nizhegorodova@bmwnaext.com	Turbocharger/Supercharger	9/26/2017	2017	7
871	Maria.V.Nizhegorodova@bmwnaext.com	Turbocharger/Supercharger	9/26/2017	2017	7
872	Maria.V.Nizhegorodova@bmwnaext.com	Air Inlet/Intake System	9/26/2017	2017	18
873	Maria.V.Nizhegorodova@bmwnaext.com	Air Inlet/Intake System	9/26/2017	2017	18
874	Maria.V.Nizhegorodova@bmwnaext.com	Air Inlet/Intake System	9/26/2017	2017	18
875	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Monitoring/Measuring Sensor/System	7/24/2017	2017	1706
876	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Monitoring/Measuring Sensor/System	7/24/2017	2017	1706
877	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Monitoring/Measuring Sensor/System	7/24/2017	2017	1706
878	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Monitoring/Measuring Sensor/System	7/24/2017	2017	1706

	U
851	Some 2014 - 2015MY Jeep Cherokee and Chrysler 200 vehicles, some 2015 MY Jeep Renegade, and RAM ProMaster City vehicles and some 2016 MY Fiat 500X vehicles may experience an unexpected shift to neutral due to insufficient crimps in the transmission wire harness which can result in a loss of motive power.
852	Some 2014 - 2015MY Jeep Cherokee and Chrysler 200 vehicles, some 2015 MY Jeep Renegade, and RAM ProMaster City vehicles and some 2016 MY Fiat 500X vehicles may experience an unexpected shift to neutral due to insufficient crimps in the transmission wire harness which can result in a loss of motive power.
853	On 2014MY Nissan Rogue * vehicles, manufactured between start of production and June 7, 2014, the nickel plating material from the fuel pump's inner or outer casing/cover may detach due to fuel flow, vibration or pressure. Detached plating particles may move into the gap between the impeller and the casing/cover, causing the impeller to stop rotating. * Please note that the Rogue Select is not affected.
854	Humidity from the atmosphere can enter the sensor through the valve intermediate flange (through capillary type action) and may, depending on the amount of the humidity, cause an electrical short circuit. As a result, the feedback signal from the valve to the engine control unit (ECU) may fail. As a consequence, the EGR valve m
855	Humidity from the atmosphere can enter the sensor through the valve intermediate flange (through capillary type action) and may, depending on the amount of the humidity, cause an electrical short circuit. As a result, the feedback signal from the valve to the engine control unit (ECU) may fail. As a consequence, the EGR valve m
856	Humidity from the atmosphere can enter the sensor through the valve intermediate flange (through capillary type action) and may, depending on the amount of the humidity, cause an electrical short circuit. As a result, the feedback signal from the valve to the engine control unit (ECU) may fail. As a consequence, the EGR valve m
857	Humidity from the atmosphere can enter the sensor through the valve intermediate flange (through capillary type action) and may, depending on the amount of the humidity, cause an electrical short circuit. As a result, the feedback signal from the valve to the engine control unit (ECU) may fail. As a consequence, the EGR valve m
858	Humidity from the atmosphere can enter the sensor through the valve intermediate flange (through capillary type action) and may, depending on the amount of the humidity, cause an electrical short circuit. As a result, the feedback signal from the valve to the engine control unit (ECU) may fail. As a consequence, the EGR valve m
859	On some 2016 and 2017 Nissan Altima vehicles, the MIL is illuminating prematurely for various A/F sensor DTCs (P014C, P014D, P015A, P015B). Nissan has investigated and found that silicone gas poisoning is potentially occurring on the non-exhaust gas side of the sensing element. If this occurs, it may cause a delayed sensor re
860	On some 2016 and 2017 Nissan Altima vehicles, the MIL is illuminating prematurely for various A/F sensor DTCs (P014C, P014D, P015A, P015B). Nissan has investigated and found that silicone gas poisoning is potentially occurring on the non-exhaust gas side of the sensing element. If this occurs, it may cause a delayed sensor re
861	In the subject vehicles, the engine ECU programming may not be optimal under two, limited driving conditions. Under the first condition, if the vehicle is driven continuously downward from high altitude and is operated with minimal or no throttle input during that time, the engine ECU may not appropriately recognize the change in atmospheric pressure. This may result in an engine torque output that is different from the expected torque output under lower altitude conditions when the accelerator pedal is lightly depressed at the bottom of the descent. Under the second condition, if the vehicle is accelerated from a stop on a steep upward incline with simultaneous application of both the brake and accelerator pedal, there is a possibility that a transmission malfunction could be erroneously detected, placing the vehicle into ¿limp mode,¿ and resulting insufficient torque output to accelerate the vehicle.
862	Some 2017 MY 2.0L Fusion/MKZ HEV and Fusion PHEV vehicles were built with a calibration that incorrectly identifies a parameter storage location, which can result in disabling the evaporative emissions monitor.
863	Due to insufficient performance of heat resistance on top of the fuel tank, the fuel pump rings may deteriorate by exposure to heat from the engine and exhaust pipe. Therefore, continuous use may lead to eventual cracking of the fuel pump rings and subsequent fuel leakage. Note that a saddle-type fuel tank is used with two pu
864	Due to insufficient performance of heat resistance on top of the fuel tank, the fuel pump rings may deteriorate by exposure to heat from the engine and exhaust pipe. Therefore, continuous use may lead to eventual cracking of the fuel pump rings and subsequent fuel leakage. Note that a saddle-type fuel tank is used with two pu
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868	Some 2017 MY Jeep® Cherokee vehicles, equipped with a 3.2L engine, may have transmission control software that can cause the vehicle to be put into a fixed gear limp-in mode, setting fault code P0810 and illuminating the malfunction indicator lamp. Engine software was implemented to change the auto stop functionality when a customer shifts from Drive to Park while Engine Start/Stop is in pending state. After a Stop/Start change of mind event is initiated due to a shift from Drive to Park, the transmission Dog-A tooth unloading function (E-clutch on) is not activated. This causes the Dog-A to be stuck in intermediate position for an extended period of time. If the key is then moved to the ACC position, fault code filtering continues resulting in setting P0810.
869	Due to cracks in the resin ring, blowholes can occur in the secondary coil body resulting a short to ground circuit including fault code storage and MIL illumination.To eliminate this problem and to prevent other coils to fail, BMW will replace the whole set of ignition coils on the engine.
870	Analysis have shown that In case of a longer lasting downtime oil accumulates via feed line in the turbo charger turbine. This oil on the turbine wheel gets combusted during cold start causing the white smoke (without fault code storage and MIL illumination).
871	Analysis have shown that In case of a longer lasting downtime oil accumulates via feed line in the turbo charger turbine. This oil on the turbine wheel gets combusted during cold start causing the white smoke (without fault code storage and MIL illumination).
872	The charge air induction tract has been replaced because cracks and breaks lead to a changed air-fuel mixture. This suboptimal mixture leads to a performance loss and misfires which triggers the MIL and fault code storage. Analysis have shown that the processing methods in supplier¿s plant influenced the cracks due to weldin
873	The charge air induction tract has been replaced because cracks and breaks lead to a changed air-fuel mixture. This suboptimal mixture leads to a performance loss and misfires which triggers the MIL and fault code storage. Analysis have shown that the processing methods in supplier¿s plant influenced the cracks due to weldin
874	The charge air induction tract has been replaced because cracks and breaks lead to a changed air-fuel mixture. This suboptimal mixture leads to a performance loss and misfires which triggers the MIL and fault code storage. Analysis have shown that the processing methods in supplier¿s plant influenced the cracks due to weldin
875	The V6 engine crankshaft timing rotor in the involved vehicles may have been produced with excessive anti-corrosion coating. This could cause the crankshaft position sensor to malfunction. If this occurs, the vehicle may display a Malfunction Indicator Light (MIL), run roughly, misfire, or in some instances, stall. A stalling conditio
876	The V6 engine crankshaft timing rotor in the involved vehicles may have been produced with excessive anti-corrosion coating. This could cause the crankshaft position sensor to malfunction. If this occurs, the vehicle may display a Malfunction Indicator Light (MIL), run roughly, misfire, or in some instances, stall. A stalling conditio
877	The V6 engine crankshaft timing rotor in the involved vehicles may have been produced with excessive anti-corrosion coating. This could cause the crankshaft position sensor to malfunction. If this occurs, the vehicle may display a Malfunction Indicator Light (MIL), run roughly, misfire, or in some instances, stall. A stalling conditio
878	The V6 engine crankshaft timing rotor in the involved vehicles may have been produced with excessive anti-corrosion coating. This could cause the crankshaft position sensor to malfunction. If this occurs, the vehicle may display a Malfunction Indicator Light (MIL), run roughly, misfire, or in some instances, stall. A stalling conditio

	V
851	FCA US LLC will conduct an emission-related Voluntary Safety Recall (S55) on all affected vehicles to either reflash updated transmission software and/or replace the solenoid sensor harness on all affected vehicles.
852	FCA US LLC will conduct an emission-related Voluntary Safety Recall (S55) on all affected vehicles to either reflash updated transmission software and/or replace the solenoid sensor harness on all affected vehicles.
853	Nissan dealers will replace the fuel pump assembly.
854	An improved moisture sealing was incorporated into the intermediate flange of the EGR valve as of 11/2008 production. Further improvements of the moisture sealing and of the bonding-process itself were implemented in 04/2012 and in 04/2014. DAG therefore assumes that this issue has been resolved in vehicles produced aft
855	An improved moisture sealing was incorporated into the intermediate flange of the EGR valve as of 11/2008 production. Further improvements of the moisture sealing and of the bonding-process itself were implemented in 04/2012 and in 04/2014. DAG therefore assumes that this issue has been resolved in vehicles produced aft
856	An improved moisture sealing was incorporated into the intermediate flange of the EGR valve as of 11/2008 production. Further improvements of the moisture sealing and of the bonding-process itself were implemented in 04/2012 and in 04/2014. DAG therefore assumes that this issue has been resolved in vehicles produced aft
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858	An improved moisture sealing was incorporated into the intermediate flange of the EGR valve as of 11/2008 production. Further improvements of the moisture sealing and of the bonding-process itself were implemented in 04/2012 and in 04/2014. DAG therefore assumes that this issue has been resolved in vehicles produced aft
859	Nissan will reprogram the ECM to update the active grille shutter logic to reduce the under hood temperatures, in specific driving conditions, in the vicinity of the A/F sensor. This change has been introduced into production on November 2nd.
860	Nissan will reprogram the ECM to update the active grille shutter logic to reduce the under hood temperatures, in specific driving conditions, in the vicinity of the A/F sensor. This change has been introduced into production on November 2nd.
861	All known owners of affected vehicles will be notified via first class mail that there is a Special Service Campaign for powertrain ECU software update.
862	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
863	The repair will be to replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank and be performed free of charge to vehicle owners.
864	The repair will be to replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank and be performed free of charge to vehicle owners.
865	The repair will be to replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank and be performed free of charge to vehicle owners.
866	The repair will be to replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank and be performed free of charge to vehicle owners.
867	The repair will be to replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank and be performed free of charge to vehicle owners.
868	FCA US will conduct a Customer Satisfaction Notification (T52) on affected vehicles to reprogram the transmission control module with updated software that will minimize the likelihood of this issue occurring.
869	The corrective measure consists of replacing the original build set of ignition coils by a modified version if the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
870	The corrective measure consists of replacing the original build oil feed line by a modified feed line including a non-return valve.
871	The corrective measure consists of replacing the original build oil feed line by a modified feed line including a non-return valve.
872	To eliminate the problem, the supplier has improved various processes of production to make the component more robust.
873	To eliminate the problem, the supplier has improved various processes of production to make the component more robust.
874	To eliminate the problem, the supplier has improved various processes of production to make the component more robust.
875	Toyota will send an owner notification by first class mail starting in end-July, 2017, advising owners to make an appointment with their authorized Toyota dealer to have the crankshaft position sensor replaced at NO CHARGE.
876	Toyota will send an owner notification by first class mail starting in end-July, 2017, advising owners to make an appointment with their authorized Toyota dealer to have the crankshaft position sensor replaced at NO CHARGE.
877	Toyota will send an owner notification by first class mail starting in end-July, 2017, advising owners to make an appointment with their authorized Toyota dealer to have the crankshaft position sensor replaced at NO CHARGE.
878	Toyota will send an owner notification by first class mail starting in end-July, 2017, advising owners to make an appointment with their authorized Toyota dealer to have the crankshaft position sensor replaced at NO CHARGE.

	W
851	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
852	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
853	RL Polk
854	The vehicle owner do not have to be retrieved in the event of a warranty extension.
855	The vehicle owner do not have to be retrieved in the event of a warranty extension.
856	The vehicle owner do not have to be retrieved in the event of a warranty extension.
857	The vehicle owner do not have to be retrieved in the event of a warranty extension.
858	The vehicle owner do not have to be retrieved in the event of a warranty extension.
859	RL Polk and/or internal records
860	RL Polk and/or internal records
861	For owner name and address information Toyota utilizes IHS Markit Data as the primary source and supplements with Toyota Customer Central Data if IHS Markit Data is not available.
862	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
863	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
864	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
865	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
866	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
867	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
868	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
869	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
870	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
871	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
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873	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
874	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
875	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in end of July.
876	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in end of July.
877	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in end of July.
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	X
851	None.
852	None.
853	None required
854	A repair solution can only be carried out by an authorized Mercedes-Benz workshop.
855	A repair solution can only be carried out by an authorized Mercedes-Benz workshop.
856	A repair solution can only be carried out by an authorized Mercedes-Benz workshop.
857	A repair solution can only be carried out by an authorized Mercedes-Benz workshop.
858	A repair solution can only be carried out by an authorized Mercedes-Benz workshop.
859	None required
860	None required
861	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
862	Eligibility for this program is not conditioned upon proper maintenance or use.
863	There will be no restrictions on eligibility.
864	There will be no restrictions on eligibility.
865	There will be no restrictions on eligibility.
866	There will be no restrictions on eligibility.
867	There will be no restrictions on eligibility.
868	None.
869	Not applicable.
870	Not applicable.
871	Not applicable.
872	Not applicable.
873	Not applicable.
874	Not applicable.
875	No special conditions are required for eligibility of repair under this H0H program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re
876	No special conditions are required for eligibility of repair under this H0H program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re
877	No special conditions are required for eligibility of repair under this H0H program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re
878	No special conditions are required for eligibility of repair under this H0H program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re

	Y
851	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
852	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
853	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification "invitation to repair" letter.
854	In case offailure the vehicle owner has to make an appointment as soon as possible with the service advisor at his Mercedes-Benz workshop where a new EGR-valve will be installed.
855	In case offailure the vehicle owner has to make an appointment as soon as possible with the service advisor at his Mercedes-Benz workshop where a new EGR-valve will be installed.
856	In case offailure the vehicle owner has to make an appointment as soon as possible with the service advisor at his Mercedes-Benz workshop where a new EGR-valve will be installed.
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858	In case offailure the vehicle owner has to make an appointment as soon as possible with the service advisor at his Mercedes-Benz workshop where a new EGR-valve will be installed.
859	Vehicle owners will be asked to make an appointment with their Nissan or Infiniti dealer.
860	Vehicle owners will be asked to make an appointment with their Nissan or Infiniti dealer.
861	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
862	See Owner Notification Letter.
863	As all Mazda dealers were provided with instructions and necessary software for repair prior to sending the owner notification letter scheduled on August 25, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
864	As all Mazda dealers were provided with instructions and necessary software for repair prior to sending the owner notification letter scheduled on August 25, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
865	As all Mazda dealers were provided with instructions and necessary software for repair prior to sending the owner notification letter scheduled on August 25, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
866	As all Mazda dealers were provided with instructions and necessary software for repair prior to sending the owner notification letter scheduled on August 25, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
867	As all Mazda dealers were provided with instructions and necessary software for repair prior to sending the owner notification letter scheduled on August 25, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
868	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
869	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
870	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
871	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
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874	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
875	Please contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible. If your vehicle has a Malfunction Indicator Light (MIL) illuminated, is running roughly, is misfiring, or is stalling, your vehicle may be experiencing symptoms related to this Safety Recall. Please schedule an appointment with any authorized Toyota dealer immediately.
876	Please contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible. If your vehicle has a Malfunction Indicator Light (MIL) illuminated, is running roughly, is misfiring, or is stalling, your vehicle may be experiencing symptoms related to this Safety Recall. Please schedule an appointment with any authorized Toyota dealer immediately.
877	Please contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible. If your vehicle has a Malfunction Indicator Light (MIL) illuminated, is running roughly, is misfiring, or is stalling, your vehicle may be experiencing symptoms related to this Safety Recall. Please schedule an appointment with any authorized Toyota dealer immediately.
878	Please contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible. If your vehicle has a Malfunction Indicator Light (MIL) illuminated, is running roughly, is misfiring, or is stalling, your vehicle may be experiencing symptoms related to this Safety Recall. Please schedule an appointment with any authorized Toyota dealer immediately.

	Z
851	None.
852	None.
853	Only Nissan dealers will be authorized to perform this service.
854	None
855	None
856	None
857	None
858	None
859	Only Nissan service technicians will be authorized to perform this remedy.
860	Only Nissan service technicians will be authorized to perform this remedy.
861	The repair will be performed at Toyota dealerships only, and will take approximately 1 hour to update the powertrain ECU software. However, depending upon the dealer¿s work schedule, the time spent in the dealership to complete the repair may be longer.
862	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
863	Repair work will be performed only by authorized Mazda dealers.
864	Repair work will be performed only by authorized Mazda dealers.
865	Repair work will be performed only by authorized Mazda dealers.
866	Repair work will be performed only by authorized Mazda dealers.
867	Repair work will be performed only by authorized Mazda dealers.
868	None.
869	Not applicable.
870	Not applicable.
871	Not applicable.
872	Not applicable.
873	Not applicable.
874	Not applicable.
875	The remedy will take approximately one hour. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
876	The remedy will take approximately one hour. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
877	The remedy will take approximately one hour. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
878	The remedy will take approximately one hour. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.

	AA
851	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
852	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
853	Campaign logistics is using phased mailing over several weeks to help ensure sufficient parts supply. Part stock will be monitored.
854	Since this is a warranty extension Daimler AG will provide Parts to the potentially affected vehicles by using its standard process for spare parts delivery.
855	Since this is a warranty extension Daimler AG will provide Parts to the potentially affected vehicles by using its standard process for spare parts delivery.
856	Since this is a warranty extension Daimler AG will provide Parts to the potentially affected vehicles by using its standard process for spare parts delivery.
857	Since this is a warranty extension Daimler AG will provide Parts to the potentially affected vehicles by using its standard process for spare parts delivery.
858	Since this is a warranty extension Daimler AG will provide Parts to the potentially affected vehicles by using its standard process for spare parts delivery.
859	The correct ECM programs have been created and are available for use. No hardware is required for this service procedure.
860	The correct ECM programs have been created and are available for use. No hardware is required for this service procedure.
861	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
862	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
863	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
864	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
865	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
866	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
867	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
868	FCA US will supply all dealers with the updated calibration and software required to reprogram the Transmission Control Module.
869	New parts are provided to all authorized BMW centers via our service network.
870	New parts are provided to all authorized BMW centers via our service network.
871	New parts are provided to all authorized BMW centers via our service network.
872	New parts are provided to all authorized BMW centers via our service network.
873	New parts are provided to all authorized BMW centers via our service network.
874	New parts are provided to all authorized BMW centers via our service network.
875	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
876	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
877	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
878	There is sufficient inventory of the replacement parts to accommodate this special service campaign.

	AB
851	Revision R01 corrects the vehicle name from RAM ProMaster to RAM ProMaster City.
852	Revision R01 corrects the vehicle name from RAM ProMaster to RAM ProMaster City.
853	
854	
855	
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861	Reference: TYX-DIR-20161019; EPA EDIR# 0013 (submitted on 10/19/2016) Other Document: signed VERR letter
862	
863	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿99999¿ is mentioned as the EDIR number.
864	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿99999¿ is mentioned as the EDIR number.
865	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿99999¿ is mentioned as the EDIR number.
866	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿99999¿ is mentioned as the EDIR number.
867	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿99999¿ is mentioned as the EDIR number.
868	
869	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
870	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
871	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
872	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
873	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
874	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
875	Other: Signed VERR letter
876	Other: Signed VERR letter
877	Other: Signed VERR letter
878	Other: Signed VERR letter

	AC	AD	AE
851	None.		5765
852	None.		5765
853	Fuel economy will not be affected by this fuel pump assembly replacement.		5845
854	None		5865
855	None		5865
856	None		5865
857	None		5865
858	None		5865
859	Fuel economy will not be impacted.		5905
860	Fuel economy will not be impacted.		5905
861	This repair will not affect fuel consumption.		5906
862	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5907
863	There is no impact on fuel economy.		5908
864	There is no impact on fuel economy.		5908
865	There is no impact on fuel economy.		5908
866	There is no impact on fuel economy.		5908
867	There is no impact on fuel economy.		5908
868	None.		6706
869	This repair has no adverse impact on fuel economy.		6707
870	This repair has no adverse impact on fuel economy.		6708
871	This repair has no adverse impact on fuel economy.		6708
872	This repair has no adverse impact on fuel economy.		6709
873	This repair has no adverse impact on fuel economy.		6709
874	This repair has no adverse impact on fuel economy.		6709
875	This repair will not affect fuel economy.		6585
876	This repair will not affect fuel economy.		6585
877	This repair will not affect fuel economy.		6586
878	This repair will not affect fuel economy.		6586

	AF	AG	AH	AI
851	Vehicle name correction from RAM ProMaster to RAM ProMaster City.	0	N	N
852	Vehicle name correction from RAM ProMaster to RAM ProMaster City.	0	N	N
853	Updated the number of vehicles covered by the recall.	0	N	N
854		2	Y	N
855		2	Y	N
856		2	Y	N
857		2	Y	N
858		2	Y	N
859		0	N	N
860		0	N	N
861		4	Y	Y
862		3	Y	Y
863		4	Y	Y
864		4	Y	Y
865		4	Y	Y
866		4	Y	Y
867		4	Y	Y
868		2	Y	N
869		0	N	N
870		0	N	N
871		0	N	N
872		0	N	N
873		0	N	N
874		0	N	N
875		2	Y	N
876		2	Y	N
877	Corrected # of documents uploaded in the system. Technical instruction was missing initially.	3	Y	Y
878	Corrected # of documents uploaded in the system. Technical instruction was missing initially.	3	Y	Y

	AJ	AK	AL	AM
851	N	N	238497	None.
852	N	N	238497	None.
853	N	N	241838	An instances of drivability issues associated with the old pumps will be rectified by this fuel pump assembly replacement.
854	N	N	242384	None
855	N	N	242384	None
856	N	N	242384	None
857	N	N	242384	None
858	N	N	242384	None
859	N	N	244532	Drivability will not be impacted.
860	N	N	244532	Drivability will not be impacted.
861	N	Y	244612	This repair will not affect drivability.
862	N	N	245525	Ford engineering judgment indicates that the corrective action should not affect drivability.
863	Y	N	245778	There is no impact on driveability.
864	Y	N	245778	There is no impact on driveability.
865	Y	N	245778	There is no impact on driveability.
866	Y	N	245778	There is no impact on driveability.
867	Y	N	245778	There is no impact on driveability.
868	N	N	284491	None.
869	N	N	284917	This repair has no adverse impact on drivability.
870	N	N	284920	This repair has no adverse impact on drivability.
871	N	N	284920	This repair has no adverse impact on drivability.
872	N	N	285030	This repair has no adverse impact on drivability.
873	N	N	285030	This repair has no adverse impact on drivability.
874	N	N	285030	This repair has no adverse impact on drivability.
875	N	Y	275468	This repair will not affect driveability.
876	N	Y	275468	This repair will not affect driveability.
877	N	Y	275476	This repair will not affect driveability.
878	N	Y	275476	This repair will not affect driveability.

	AN	AO	AP	AQ	AR
851	None.	N	5530	0	1614
852	None.	N	5530	0	1614
853	This is being conducted as a voluntary safety recall campaign to improve customer safety in the rare event that the old fuel pump assembly does not operate as anticipated.	N	5610	2	0052
854	None	N	5630	0	1211
855	None	N	5630	0	1211
856	None	N	5630	0	1211
857	None	N	5630	0	1211
858	None	N	5630	0	1211
859	Safety will not be impacted.	N	5670	0	0072
860	Safety will not be impacted.	N	5670	0	0072
861	This repair will not affect safety.	N	5671	0	0013
862	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5690	0	1613
863	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5691	0	9999
864	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5691	0	9999
865	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5691	0	9999
866	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5691	0	9999
867	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5691	0	9999
868	None.	N	6451	0	1714
869	This repair has no adverse impact on safety.	N	6452	0	0145
870	This repair has no adverse impact on safety.	N	6453	0	0144
871	This repair has no adverse impact on safety.	N	6453	0	0144
872	This repair has no adverse impact on safety.	N	6454	0	0164
873	This repair has no adverse impact on safety.	N	6454	0	0164
874	This repair has no adverse impact on safety.	N	6454	0	0164
875	This repair will not affect safety.	N	6330	0	1703
876	This repair will not affect safety.	N	6330	0	1703
877	This repair will not affect safety.	N	6331	1	1703
878	This repair will not affect safety.	N	6331	1	1703

	AS	AT	AU
851	N	11/16/2016	1
852	N	11/16/2016	1
853	N	12/12/2016	1
854	Y	11/28/2016	1
855	Y	11/28/2016	1
856	Y	11/28/2016	1
857	Y	11/28/2016	1
858	Y	11/28/2016	1
859	N	3/17/2017	1
860	N	3/17/2017	1
861	Y		1
862	Y		1
863	Y	12/24/2016	1
864	Y	12/24/2016	1
865	Y	12/24/2016	1
866	Y	12/24/2016	1
867	Y	12/24/2016	1
868	Y	10/5/2017	1
869	N		1
870	N		1
871	N		1
872	N		1
873	N		1
874	N		1
875	Y		1
876	Y		1
877	Y		1
878	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
879	16662	10/18/2017	2014	BMX	16E-W04	Light-Duty Vehicles and Trucks	4901	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
880	16662	10/18/2017	2013	BMX	16E-W04	Light-Duty Vehicles and Trucks	4901	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
881	16662	10/18/2017	2012	BMX	16E-W04	Light-Duty Vehicles and Trucks	4901	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
882	16662	10/18/2017	2011	BMX	16E-W04	Light-Duty Vehicles and Trucks	4901	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
883	16662	10/18/2017	2010	BMX	16E-W04	Light-Duty Vehicles and Trucks	4901	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
884	16676	10/23/2017	2015	CRX	1712	Light-Duty Vehicles and Trucks	120402	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
885	16681	10/25/2017	2014	CEX	ADR 2017-01	Heavy-Duty Highway Gas and Diesel Engines	4582	Y					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418
886	16681	10/25/2017	2013	CEX	ADR 2017-01	Heavy-Duty Highway Gas and Diesel Engines	4582	Y					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418
887	16682	10/25/2017	2012	BMX	17E-W08	Light-Duty Vehicles and Trucks	527	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
888	16504	8/15/2017	2010	TYX	TYX-VERR-20151111-24	Light-Duty Vehicles and Trucks	537401	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
889	16504	8/15/2017	2009	TYX	TYX-VERR-20151111-24	Light-Duty Vehicles and Trucks	537401	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162

	P	Q	R	S	T
879	Maria.V.Nizhegorodova@bmwnaext.com	Crankcase Ventilation Component/System	10/18/2017	2017	22
880	Maria.V.Nizhegorodova@bmwnaext.com	Crankcase Ventilation Component/System	10/18/2017	2017	22
881	Maria.V.Nizhegorodova@bmwnaext.com	Crankcase Ventilation Component/System	10/18/2017	2017	22
882	Maria.V.Nizhegorodova@bmwnaext.com	Crankcase Ventilation Component/System	10/18/2017	2017	22
883	Maria.V.Nizhegorodova@bmwnaext.com	Crankcase Ventilation Component/System	10/18/2017	2017	22
884	dennis.rakicki@fcagroup.com	Emission Control Information Label	10/19/2017	2017	1712
885	matthew.psota@cummins.com	Selective Catalytic Reduction System	9/30/2017	2017	12
886	matthew.psota@cummins.com	Selective Catalytic Reduction System	9/30/2017	2017	12
887	Maria.V.Nizhegorodova@bmwnaext.com	Fuel Delivery Component	10/14/2017	2017	11
888	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	10/19/2011	2011	24
889	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	10/19/2011	2011	24

	U
879	Analysis have shown that the PCV hose connecting line on a number of X5 M and X6 M models was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200°C for material PA6) are the main reason for the embr
880	Analysis have shown that the PCV hose connecting line on a number of X5 M and X6 M models was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200°C for material PA6) are the main reason for the embr
881	Analysis have shown that the PCV hose connecting line on a number of X5 M and X6 M models was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200°C for material PA6) are the main reason for the embr
882	Analysis have shown that the PCV hose connecting line on a number of X5 M and X6 M models was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200°C for material PA6) are the main reason for the embr
883	Analysis have shown that the PCV hose connecting line on a number of X5 M and X6 M models was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200°C for material PA6) are the main reason for the embr
884	Some 2015 MY Ram 1500, Dodge Journey, Jeep® Wrangler, Jeep® Cherokee, Dodge Challenger, Dodge Charger, Chrysler 300, Jeep® Patriot and Compass, Dodge Dart, Chrysler Town & Country, Dodge Grand Caravan, Chrysler 200, Ram ProMaster, Dodge Durango and Jeep Grand Cherokee vehicles may have been built with a Vehicle Emission Control Information (¿VECI¿) label that is missing the emission control systems names as required by California regulation. Root cause was determined to be due to a computer database change to support the expansion of the emission hardware codes for new technologies.
885	Some MY2013 and MY2014 ISL9 Urban Buses may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust temperatures and can be fur
886	Some MY2013 and MY2014 ISL9 Urban Buses may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust temperatures and can be fur
887	Due to variations in the production process by the supplier the following malfunctions of the fuel injector (including fault code storage and MIL activation) can occur:1) Gelation of the compensator could occur after 2 to 3 years due to oxygen entered in the compensator oil of the fuel injector.2) Leakages at the tip of the injection needle (¿tip leak¿) due to cracked filter caused by particles inside the injector.In about 30% of all cases the fuel injector was replaced without having a malfunction (no corresponding fault code storage and MIL illumination).
888	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light, or MIL) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves in the engines of a number of these vehicles.
889	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light, or MIL) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves in the engines of a number of these vehicles.

	V
879	To eliminate this problem, BMW implemented in production, and as a replacement part, a (PCV) ventilation hose connecting line with a more temperature-resistant material.
880	To eliminate this problem, BMW implemented in production, and as a replacement part, a (PCV) ventilation hose connecting line with a more temperature-resistant material.
881	To eliminate this problem, BMW implemented in production, and as a replacement part, a (PCV) ventilation hose connecting line with a more temperature-resistant material.
882	To eliminate this problem, BMW implemented in production, and as a replacement part, a (PCV) ventilation hose connecting line with a more temperature-resistant material.
883	To eliminate this problem, BMW implemented in production, and as a replacement part, a (PCV) ventilation hose connecting line with a more temperature-resistant material.
884	FCA US will perform a Customer Satisfaction Notification (T12) to replace the incorrect VECI label with the correct VECI label on California affected vehicles.
885	Cummins has identified a new SCR formulation (¿3136¿) which is more resistant to the deactivation mechanism described above. Cummins Inc. (¿Cummins¿) will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation. Cummins also will reflash ECM with new calibration that is compatible with the new SCR catalyst "3136".
886	Cummins has identified a new SCR formulation (¿3136¿) which is more resistant to the deactivation mechanism described above. Cummins Inc. (¿Cummins¿) will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation. Cummins also will reflash ECM with new calibration that is compatible with the new SCR catalyst "3136".
887	The corrective measure consists of: 1. Usage of a different cooling oil to prevent gelation2. Usage of a more robust material for particle filter to prevent corrosion and the resulting tip leak.
888	The Air Injection Pumps and Air Switching Valves are covered by Toyota¿s New Vehicle Limited Powertrain Warranty for 5 years or 60,000 miles (whichever comes first) and by the California Emission Warranty for 7 years or 70,000 miles (whichever comes first). The Warranty Coverage Extension (CSP) for the Air Injection Pumps and Air Switching Valves for the condition described above will extend the warranty coverage to 10 years from the date of first use or 150,000 miles, whichever comes first. If the condition is verified, the dealer will replace the Air Injection Pumps and Air Switching Valves under the terms of this CSP.
889	The Air Injection Pumps and Air Switching Valves are covered by Toyota¿s New Vehicle Limited Powertrain Warranty for 5 years or 60,000 miles (whichever comes first) and by the California Emission Warranty for 7 years or 70,000 miles (whichever comes first). The Warranty Coverage Extension (CSP) for the Air Injection Pumps and Air Switching Valves for the condition described above will extend the warranty coverage to 10 years from the date of first use or 150,000 miles, whichever comes first. If the condition is verified, the dealer will replace the Air Injection Pumps and Air Switching Valves under the terms of this CSP.

	W
879	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
880	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
881	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
882	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
883	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
884	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
885	In conducting the recall, Cummins will use internal product registration, warranty service and sales records to identify the owners of the affected vehicles.
886	In conducting the recall, Cummins will use internal product registration, warranty service and sales records to identify the owners of the affected vehicles.
887	Rolls-Royce obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
888	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
889	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	X
879	Not applicable.
880	Not applicable.
881	Not applicable.
882	Not applicable.
883	Not applicable.
884	None.
885	No preconditions apply
886	No preconditions apply
887	Not applicable.
888	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
889	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior

	Y
879	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
880	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
881	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
882	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
883	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
884	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.
885	The owners will be directed to contact a Cummins certified service locations after they receive the recall notification to schedule an appointment to have the catalyst replaced and reflash ECM with new calibration. The SCR system corrective action is expected to take approximately 2 to 4 hours .
886	The owners will be directed to contact a Cummins certified service locations after they receive the recall notification to schedule an appointment to have the catalyst replaced and reflash ECM with new calibration. The SCR system corrective action is expected to take approximately 2 to 4 hours .
887	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
888	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
889	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.

	Z
879	Not applicable.
880	Not applicable.
881	Not applicable.
882	Not applicable.
883	Not applicable.
884	Vehicle owner.
885	The repair may be performed at any authorized Cummins OEM/dealer/repair location.
886	The repair may be performed at any authorized Cummins OEM/dealer/repair location.
887	Not applicable.
888	Any authorized Toyota dealership.
889	Any authorized Toyota dealership.

	AA
879	New parts are provided to all authorized BMW centers via our service network.
880	New parts are provided to all authorized BMW centers via our service network.
881	New parts are provided to all authorized BMW centers via our service network.
882	New parts are provided to all authorized BMW centers via our service network.
883	New parts are provided to all authorized BMW centers via our service network.
884	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.
885	Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall. Cummins will supply all of its service locations with the required parts to complete the repair.
886	Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall. Cummins will supply all of its service locations with the required parts to complete the repair.
887	New parts are provided to all authorized BMW centers via our service network.
888	Parts are available for this extended warranty campaign.
889	Parts are available for this extended warranty campaign.

	AB
879	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
880	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
881	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
882	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
883	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
884	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.
885	Cummins Campaign C1941 and Customer lists.
886	Cummins Campaign C1941 and Customer lists.
887	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
888	Other: Signed VERR letter: revised TYX-VERR-20151111-24 to update additional 2009MY Tundra and 2009-10MY Sequoia
889	Other: Signed VERR letter: revised TYX-VERR-20151111-24 to update additional 2009MY Tundra and 2009-10MY Sequoia

	AC	AD	AE
879	This repair has no adverse impact on fuel economy.		6725
880	This repair has no adverse impact on fuel economy.		6725
881	This repair has no adverse impact on fuel economy.		6725
882	This repair has no adverse impact on fuel economy.		6725
883	This repair has no adverse impact on fuel economy.		6725
884	None.		6745
885	None		6765
886	None		6765
887	This repair has no adverse impact on fuel economy.		6766
888	No impact on fuel consumption.		6588
889	No impact on fuel consumption.		6588

	AF	AG	AH	AI
879		0	N	N
880		0	N	N
881		0	N	N
882		0	N	N
883		0	N	N
884	Left of the owner notification start date from the initial submission.	2	Y	N
885	To correct the owner notification final date, and to correct that this recall is including reflash ECM with a new calibration.	3	Y	N
886	To correct the owner notification final date, and to correct that this recall is including reflash ECM with a new calibration.	3	Y	N
887		0	N	N
888	Update to include additional 2009MY Tundra and 2009-2010 MY Sequoia vehicles.	2	Y	N
889	Update to include additional 2009MY Tundra and 2009-2010 MY Sequoia vehicles.	2	Y	N

	AJ	AK	AL	AM
879	N	N	286716	This repair has no adverse impact on drivability.
880	N	N	286716	This repair has no adverse impact on drivability.
881	N	N	286716	This repair has no adverse impact on drivability.
882	N	N	286716	This repair has no adverse impact on drivability.
883	N	N	286716	This repair has no adverse impact on drivability.
884	N	N	287369	None.
885	N	Y	287982	None
886	N	Y	287982	None
887	N	N	288037	This repair has no adverse impact on drivability.
888	N	Y	275847	No impact on driveability.
889	N	Y	275847	No impact on driveability.

	AN	AO	AP	AQ	AR
879	This repair has no adverse impact on safety.	N	6470	0	0024,0134,0143
880	This repair has no adverse impact on safety.	N	6470	0	0024,0134,0143
881	This repair has no adverse impact on safety.	N	6470	0	0024,0134,0143
882	This repair has no adverse impact on safety.	N	6470	0	0024,0134,0143
883	This repair has no adverse impact on safety.	N	6470	0	0024,0134,0143
884	None.	N	6490	1	1707
885	None	N	6510	1	0054
886	None	N	6510	1	0054
887	This repair has no adverse impact on safety.	N	6511	0	0003
888	No impact on safety.	Y	6333	1	0712
889	No impact on safety.	Y	6333	1	0712

	AS	AT	AU
879	N		1
880	N		1
881	N		1
882	N		1
883	N		1
884	Y	10/20/2017	1
885	N	9/30/2019	1
886	N	9/30/2019	1
887	N		1
888	Y	11/19/2011	1
889	Y	11/19/2011	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
890	16504	8/15/2017	2008	TYX	TYX-VERR-20151111-24	Light-Duty Vehicles and Trucks	537401	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
891	16504	8/15/2017	2007	TYX	TYX-VERR-20151111-24	Light-Duty Vehicles and Trucks	537401	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
892	17004	1/25/2018	2012	TYX	TOYOTA-VERR-20180125	Light-Duty Vehicles and Trucks	87000	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
893	17036	2/8/2018	2015	BMX	17E-W12	Light-Duty Vehicles and Trucks	96394	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
894	16698	10/27/2017	2016	FMX	17B28	Light-Duty Vehicles and Trucks	120763	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
895	16698	10/27/2017	2015	FMX	17B28	Light-Duty Vehicles and Trucks	120763	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
896	16736	11/3/2017	2013	CEX	ADR 2013-01	Heavy-Duty Highway Tractors and Vocational Vehicles	30517	Y					Mr Sanjay V Pimple	sanjay.pimple@cummins.com	812-377-5940
897	16736	11/3/2017	2012	CEX	ADR 2013-01	Heavy-Duty Highway Tractors and Vocational Vehicles	30517	Y					Mr Sanjay V Pimple	sanjay.pimple@cummins.com	812-377-5940
898	16736	11/3/2017	2011	CEX	ADR 2013-01	Heavy-Duty Highway Tractors and Vocational Vehicles	30517	Y					Mr Sanjay V Pimple	sanjay.pimple@cummins.com	812-377-5940
899	16736	11/3/2017	2010	CEX	ADR 2013-01	Heavy-Duty Highway Tractors and Vocational Vehicles	30517	Y					Mr Sanjay V Pimple	sanjay.pimple@cummins.com	812-377-5940
900	16742	11/8/2017	2014	BMX	17E-W06	Light-Duty Vehicles and Trucks	15264	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
901	16746	11/9/2017	2018	NSX	FOI_NSX_VER_0029_BD_	Light-Duty Vehicles and Trucks	61892	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
902	16746	11/9/2017	2017	NSX	FOI_NSX_VER_0029_BD_	Light-Duty Vehicles and Trucks	61892	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
903	16746	11/9/2017	2016	NSX	FOI_NSX_VER_0029_BD_	Light-Duty Vehicles and Trucks	61892	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415
904	17037	2/9/2018	2016	FMX	17M06	Light-Duty Vehicles and Trucks	72635	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
905	17037	2/9/2018	2015	FMX	17M06	Light-Duty Vehicles and Trucks	72635	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122

	P	Q	R	S	T
890	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	10/19/2011	2011	24
891	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	10/19/2011	2011	24
892	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	1/11/2018	2018	1803
893	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	2/7/2018	2018	28
894		Air Inlet/Intake System	10/6/2017	2017	1728
895		Air Inlet/Intake System	10/6/2017	2017	1728
896	matthew.psota@cummins.com	Selective Catalytic Reduction System	11/3/2017	2017	13
897	matthew.psota@cummins.com	Selective Catalytic Reduction System	11/3/2017	2017	13
898	matthew.psota@cummins.com	Selective Catalytic Reduction System	11/3/2017	2017	13
899	matthew.psota@cummins.com	Selective Catalytic Reduction System	11/3/2017	2017	13
900	Maria.V.Nizhegorodova@bmwnaext.com	Fuel Delivery Component	11/6/2017	2017	23
901		On-Board Diagnostic (OBD) System	12/11/2017	2017	29
902		On-Board Diagnostic (OBD) System	12/11/2017	2017	29
903		On-Board Diagnostic (OBD) System	12/11/2017	2017	29
904		Evaporative Emissions Systems	1/22/2018	2018	1766
905		Evaporative Emissions Systems	1/22/2018	2018	1766

	U
890	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light, or MIL) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves in the engines of a number of these vehicles.
891	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light, or MIL) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves in the engines of a number of these vehicles.
892	This CSP involves the Air Injection Pumps and/or Air Switching Valves where customers have experienced an illumination of the check engine light (Malfunction Indicator Light) (DTC: P2440/2442). This condition can be due to moisture/water in the Air Injection Pumps and/or Air Switching Valves.
893	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
894	Over time, the electronic throttle body (ETB) internal motor contacts may develop contamination that will result in MIL illumination and possibly failure mode effect management (FMEM) actions. This results from silicon dioxide accumulation on the electric motor commutator, which can increase electrical resistance and result
895	Over time, the electronic throttle body (ETB) internal motor contacts may develop contamination that will result in MIL illumination and possibly failure mode effect management (FMEM) actions. This results from silicon dioxide accumulation on the electric motor commutator, which can increase electrical resistance and result
896	Some MY2010-2013 ISX15 engines have vehicle duty cycles with frequent cold starts or extended idle operation that could lead to loss of NOx conversion capability.
897	Some MY2010-2013 ISX15 engines have vehicle duty cycles with frequent cold starts or extended idle operation that could lead to loss of NOx conversion capability.
898	Some MY2010-2013 ISX15 engines have vehicle duty cycles with frequent cold starts or extended idle operation that could lead to loss of NOx conversion capability.
899	Some MY2010-2013 ISX15 engines have vehicle duty cycles with frequent cold starts or extended idle operation that could lead to loss of NOx conversion capability.
900	Due to high temperature conditions and low gasoline quality (inadequate gasoline additives), gasoline filter in the high pressure fuel pump can wear off. Small detached filter partciles caused by deterioration of gasoline filter material lead to a congestion of the high pressure valve triggering a fault code entry and MIL illuminatio
901	Some 2016-2018MY Infiniti Q50 and Q60 vehicles have a unique combination of a new Engine Control Module (ECM) version for the 3.0L engine and an existing 7AT Transmission Control Module (TCM). This combination requires a ¿failure manager¿ interface software that was not fully understood during development and therefor
902	Some 2016-2018MY Infiniti Q50 and Q60 vehicles have a unique combination of a new Engine Control Module (ECM) version for the 3.0L engine and an existing 7AT Transmission Control Module (TCM). This combination requires a ¿failure manager¿ interface software that was not fully understood during development and therefor
903	Some 2016-2018MY Infiniti Q50 and Q60 vehicles have a unique combination of a new Engine Control Module (ECM) version for the 3.0L engine and an existing 7AT Transmission Control Module (TCM). This combination requires a ¿failure manager¿ interface software that was not fully understood during development and therefor
904	Some 2014-16 MY 3.7L Explorer Police and 2014 MY 3.7L Taurus Police vehicles were built with a canister purge valve (CPV) that can leak due to contamination occurring during pressure pulses associated with heavy demand applications (e.g., police usage).
905	Some 2014-16 MY 3.7L Explorer Police and 2014 MY 3.7L Taurus Police vehicles were built with a canister purge valve (CPV) that can leak due to contamination occurring during pressure pulses associated with heavy demand applications (e.g., police usage).

	V
890	The Air Injection Pumps and Air Switching Valves are covered by Toyota¿s New Vehicle Limited Powertrain Warranty for 5 years or 60,000 miles (whichever comes first) and by the California Emission Warranty for 7 years or 70,000 miles (whichever comes first). The Warranty Coverage Extension (CSP) for the Air Injection Pumps and Air Switching Valves for the condition described above will extend the warranty coverage to 10 years from the date of first use or 150,000 miles, whichever comes first. If the condition is verified, the dealer will replace the Air Injection Pumps and Air Switching Valves under the terms of this CSP.
891	The Air Injection Pumps and Air Switching Valves are covered by Toyota¿s New Vehicle Limited Powertrain Warranty for 5 years or 60,000 miles (whichever comes first) and by the California Emission Warranty for 7 years or 70,000 miles (whichever comes first). The Warranty Coverage Extension (CSP) for the Air Injection Pumps and Air Switching Valves for the condition described above will extend the warranty coverage to 10 years from the date of first use or 150,000 miles, whichever comes first. If the condition is verified, the dealer will replace the Air Injection Pumps and Air Switching Valves under the terms of this CSP.
892	Toyota will begin to notify owners in late-January and end by Feb 28th. A sample of the owner notification letter has been included for your reference.
893	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 11/2014. Furthermore, starting in 12/2015 thermostats with PPA housing have been introduced in production.
894	Vehicles with affected throttle body assemblies will receive new throttle body assemblies.
895	Vehicles with affected throttle body assemblies will receive new throttle body assemblies.
896	Cummins will conduct a recall to replace the current SCR catalyst with a new SCR catalyst for customers that have not received a replacement catalyst. An updated engine software calibration also may be included in this campaign.
897	Cummins will conduct a recall to replace the current SCR catalyst with a new SCR catalyst for customers that have not received a replacement catalyst. An updated engine software calibration also may be included in this campaign.
898	Cummins will conduct a recall to replace the current SCR catalyst with a new SCR catalyst for customers that have not received a replacement catalyst. An updated engine software calibration also may be included in this campaign.
899	Cummins will conduct a recall to replace the current SCR catalyst with a new SCR catalyst for customers that have not received a replacement catalyst. An updated engine software calibration also may be included in this campaign.
900	BMW will obtain names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
901	The ECM of affected vehicles will be reprogrammed to establish correct OBD communication between the ECM and TCM. This remedy will also address a separate issue on a subset of the above mentioned population to correct a CVN ID mismatch which was previously discussed and agreed to with ARB OBD staff on September 29,
902	The ECM of affected vehicles will be reprogrammed to establish correct OBD communication between the ECM and TCM. This remedy will also address a separate issue on a subset of the above mentioned population to correct a CVN ID mismatch which was previously discussed and agreed to with ARB OBD staff on September 29,
903	The ECM of affected vehicles will be reprogrammed to establish correct OBD communication between the ECM and TCM. This remedy will also address a separate issue on a subset of the above mentioned population to correct a CVN ID mismatch which was previously discussed and agreed to with ARB OBD staff on September 29,
904	Ford has initiated warranty extension program 17M06 for 3.7L police units within the EFMXT03.73E8, EFMXT03.73DM, EFMXV03.7VE8, EFMXV03.7VEA, FFMXT03.73E8, FFMXT03.73DM, GFMXT03.73E8, and GFMXT03.73DM test groups. 17M06 extends the warranty of canister purge valves to 10 years or 120,000 miles, whichever occurs first. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
905	Ford has initiated warranty extension program 17M06 for 3.7L police units within the EFMXT03.73E8, EFMXT03.73DM, EFMXV03.7VE8, EFMXV03.7VEA, FFMXT03.73E8, FFMXT03.73DM, GFMXT03.73E8, and GFMXT03.73DM test groups. 17M06 extends the warranty of canister purge valves to 10 years or 120,000 miles, whichever occurs first. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.

	W
890	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
891	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
892	Toyota uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
893	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
894	Ford production records were used to identify the affected vehicles, and the owner names and addresses were obtained from Ford sales/service records.
895	Ford production records were used to identify the affected vehicles, and the owner names and addresses were obtained from Ford sales/service records.
896	In conducting the recall, Cummins will use internal product registration, warranty service and sales records to identify the owners of the affected vehicles.
897	In conducting the recall, Cummins will use internal product registration, warranty service and sales records to identify the owners of the affected vehicles.
898	In conducting the recall, Cummins will use internal product registration, warranty service and sales records to identify the owners of the affected vehicles.
899	In conducting the recall, Cummins will use internal product registration, warranty service and sales records to identify the owners of the affected vehicles.
900	BMW obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners were notified through First Class Mail.
901	RL Polk and/or internal records
902	RL Polk and/or internal records
903	RL Polk and/or internal records
904	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
905	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.

	X
890	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
891	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
892	This CSP provides coverage as it applies to Air Injection Pumps and Air Switching Valves. The specific condition covered by this program is the indicated illumination of the check engine light (Malfunction Indicator Light) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves. If the condition is verified, the vel
893	Not applicable.
894	Eligibility for this program is not conditioned upon proper maintenance or use.
895	Eligibility for this program is not conditioned upon proper maintenance or use.
896	No preconditions apply
897	No preconditions apply
898	No preconditions apply
899	No preconditions apply
900	Not applicable.
901	None required
902	None required
903	None required
904	Eligibility for this program is not conditioned upon proper maintenance or use.
905	Eligibility for this program is not conditioned upon proper maintenance or use.

	Y
890	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
891	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
892	If an owner thinks that he/she has experienced the condition described in this CSP, a local Toyota dealer should be contacted for appropriate diagnosis and repair. If the condition is verified as being in accordance with the terms of the program, the repair will be performed at NO CHARGE.
893	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
894	See Owner Notification Letter.
895	See Owner Notification Letter.
896	The owners will be directed to contact a Cummins certified service locations after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 2 to 4 hours .
897	The owners will be directed to contact a Cummins certified service locations after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 2 to 4 hours .
898	The owners will be directed to contact a Cummins certified service locations after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 2 to 4 hours .
899	The owners will be directed to contact a Cummins certified service locations after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 2 to 4 hours .
900	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
901	Vehicle owners will be asked to make an appointment with their Infiniti dealer.
902	Vehicle owners will be asked to make an appointment with their Infiniti dealer.
903	Vehicle owners will be asked to make an appointment with their Infiniti dealer.
904	See Owner Notification Letter.
905	See Owner Notification Letter.

	Z
890	Any authorized Toyota dealership.
891	Any authorized Toyota dealership.
892	The repair takes approximately one hour. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
893	Not applicable.
894	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
895	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
896	The repair may be performed at any authorized Cummins OEM/dealer/repair location.
897	The repair may be performed at any authorized Cummins OEM/dealer/repair location.
898	The repair may be performed at any authorized Cummins OEM/dealer/repair location.
899	The repair may be performed at any authorized Cummins OEM/dealer/repair location.
900	Not applicable.
901	Only Infiniti service technicians will be authorized to perform this remedy.
902	Only Infiniti service technicians will be authorized to perform this remedy.
903	Only Infiniti service technicians will be authorized to perform this remedy.
904	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
905	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.

	AA
890	Parts are available for this extended warranty campaign.
891	Parts are available for this extended warranty campaign.
892	There is sufficient inventory of the replacement parts to accommodate this CSP.
893	New parts are provided to all authorized BMW centers via our service network.
894	Dealers are to obtain parts for this repair through the Special Service Support Center.
895	Dealers are to obtain parts for this repair through the Special Service Support Center.
896	Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall. Cummins will supply all of its service locations with the required parts to complete the repair.
897	Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall. Cummins will supply all of its service locations with the required parts to complete the repair.
898	Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall. Cummins will supply all of its service locations with the required parts to complete the repair.
899	Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall. Cummins will supply all of its service locations with the required parts to complete the repair.
900	New parts are provided to all authorized BMW centers via our service network.
901	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.
902	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.
903	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.
904	Dealers are to obtain parts for this repair through the Special Service Support Center.
905	Dealers are to obtain parts for this repair through the Special Service Support Center.

	AB
890	Other: Signed VERR letter: revised TYX-VERR-20151111-24 to update additional 2009MY Tundra and 2009-10MY Sequoia
891	Other: Signed VERR letter: revised TYX-VERR-20151111-24 to update additional 2009MY Tundra and 2009-10MY Sequoia
892	Other: signed VERR letter
893	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
894	Only vehicles identified with an asterisk in the "Affected Vehicles / Engines Description" are affected by this defect report and are included in customer satisfaction FSA 17B28. Other programs are identified because they are part of the test group. Programs without an asterisk were included in EDIR 14-05D and customer satisfaction FSA 16B32. -Estimated values for Production Volumes and Vehicles Identified are based on Ford production and aggregate service data. -This Emissions Defect Information Report is not a determination that a defect causes an affected vehicle to fail to conform with applicable regulations for its useful life pursuant to Section 207 of the Clean Air Act or Section 43204 of the California Health and Safety Code, nor is it a determination of a safety defect pursuant to 49 U.S.C. § 30118.
895	Only vehicles identified with an asterisk in the "Affected Vehicles / Engines Description" are affected by this defect report and are included in customer satisfaction FSA 17B28. Other programs are identified because they are part of the test group. Programs without an asterisk were included in EDIR 14-05D and customer satisfaction FSA 16B32. -Estimated values for Production Volumes and Vehicles Identified are based on Ford production and aggregate service data. -This Emissions Defect Information Report is not a determination that a defect causes an affected vehicle to fail to conform with applicable regulations for its useful life pursuant to Section 207 of the Clean Air Act or Section 43204 of the California Health and Safety Code, nor is it a determination of a safety defect pursuant to 49 U.S.C. § 30118.
896	Cummins campaign letter and owner notification letter
897	Cummins campaign letter and owner notification letter
898	Cummins campaign letter and owner notification letter
899	Cummins campaign letter and owner notification letter
900	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
901	
902	
903	
904	Only vehicles identified with an asterisk in the "Affected Vehicles / Engines Description" are affected by this remedial plan. Other programs are identified because they are part of the test group.
905	Only vehicles identified with an asterisk in the "Affected Vehicles / Engines Description" are affected by this remedial plan. Other programs are identified because they are part of the test group.

	AC	AD	AE
890	No impact on fuel consumption.		6588
891	No impact on fuel consumption.		6588
892	This repair will not affect fuel economy.		6965
893	This repair has no adverse impact on fuel economy.		7005
894	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6785
895	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6785
896	None		6805
897	None		6805
898	None		6805
899	None		6805
900	This repair has no adverse impact on fuel economy.		6827
901	Fuel economy will not be affected by this reprogramming.		6828
902	Fuel economy will not be affected by this reprogramming.		6828
903	Fuel economy will not be affected by this reprogramming.		6828
904	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		7006
905	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		7006

	AF	AG	AH	AI
890	Update to include additional 2009MY Tundra and 2009-2010 MY Sequoia vehicles.	2	Y	N
891	Update to include additional 2009MY Tundra and 2009-2010 MY Sequoia vehicles.	2	Y	N
892		1	Y	N
893		0	N	N
894		3	Y	Y
895		3	Y	Y
896		2	N	N
897		2	N	N
898		2	N	N
899		2	N	N
900		0	N	N
901	Revised the description of specific modifications.	1	Y	N
902	Revised the description of specific modifications.	1	Y	N
903	Revised the description of specific modifications.	1	Y	N
904		3	Y	Y
905		3	Y	Y

	AJ	AK	AL	AM
890	N	Y	275847	No impact on driveability.
891	N	Y	275847	No impact on driveability.
892	N	Y	302622	This repair will not affect driveability.
893	N	N	304503	This repair has no adverse impact on drivability.
894	N	N	288477	Ford engineering judgment indicates that the corrective action should not affect drivability.
895	N	N	288477	Ford engineering judgment indicates that the corrective action should not affect drivability.
896	N	Y	289791	None
897	N	Y	289791	None
898	N	Y	289791	None
899	N	Y	289791	None
900	N	N	290486	This repair has no adverse impact on drivability.
901	N	N	290757	Drivability will not be affected by this reprogramming.
902	N	N	290757	Drivability will not be affected by this reprogramming.
903	N	N	290757	Drivability will not be affected by this reprogramming.
904	N	N	304707	Ford engineering judgment indicates that the corrective action should not affect drivability.
905	N	N	304707	Ford engineering judgment indicates that the corrective action should not affect drivability.

	AN	AO	AP	AQ	AR
890	No impact on safety.	Y	6333	1	0712
891	No impact on safety.	Y	6333	1	0712
892	This repair will not affect safety.	Y	6710	0	1707
893	This repair has no adverse impact on safety.	N	6750	0	0208,0209
894	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6530	0	1713
895	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6530	0	1713
896	None	N	6550	0	0002
897	None	N	6550	0	0002
898	None	N	6550	0	0002
899	None	N	6550	0	0002
900	This repair has no adverse impact on safety.	N	6572	0	0212
901	Vehicle Safety will not be affected by this reprogramming.	N	6573	0	0081
902	Vehicle Safety will not be affected by this reprogramming.	N	6573	0	0081
903	Vehicle Safety will not be affected by this reprogramming.	N	6573	0	0081
904	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6751	0	1714
905	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6751	0	1714

	AS	AT	AU
890	Y	11/19/2011	1
891	Y	11/19/2011	1
892	Y		1
893	N		1
894	Y		1
895	Y		1
896	N	12/31/2022	1
897	N	12/31/2022	1
898	N	12/31/2022	1
899	N	12/31/2022	1
900	N		1
901	N	12/12/2017	1
902	N	12/12/2017	1
903	N	12/12/2017	1
904	Y		1
905	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
906	17037	2/9/2018	2014	FMX	17M06	Light-Duty Vehicles and Trucks	72635	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
907	17087	2/23/2018	2012	FMX	17M05	Heavy-Duty Highway Gas and Diesel Engines	55055	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
908	17087	2/23/2018	2011	FMX	17M05	Heavy-Duty Highway Gas and Diesel Engines	55055	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
909	17091	2/20/2018	2014	ADX	AD-0017	Light-Duty Vehicles and Trucks	3240	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
910	17091	2/20/2018	2013	ADX	AD-0017	Light-Duty Vehicles and Trucks	3240	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
911	16747	11/9/2017	2017	HNX	VERR-17-009	On-Highway Motorcycles	2443	Y					Mr Matthew Hinsley	matthew_hinsley@ahm.honda.com	310 781-6397
912	16857	12/6/2017	2013	BMX	17E-W07	Light-Duty Vehicles and Trucks	1601	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
913	16862	12/8/2017	2018	CRX	1765	Light-Duty Vehicles and Trucks	356	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
914	17092	2/20/2018	2015	VGA	VG-0009	Light-Duty Vehicles and Trucks	1044	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203
915	17156	3/5/2018	2018	TYX	TOYOTA-VERR-20180305	Light-Duty Vehicles and Trucks	11800	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162

	P	Q	R	S	T
906		Evaporative Emissions Systems	1/22/2018	2018	1766
907		Exhaust System	2/2/2018	2018	1755
908		Exhaust System	2/2/2018	2018	1755
909	N/A	Evaporative Emissions Systems	3/29/2018	2018	17
910	N/A	Evaporative Emissions Systems	3/29/2018	2018	17
911		Fuel Delivery Component	12/4/2017	2017	26
912	Maria.V.Nizhegorodova@bmwnaext.com	Fuel Delivery System	11/13/2017	2017	24
913	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	12/5/2017	2017	1765
914	N/A	Evaporative Emissions Systems	3/29/2018	2018	9
915	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Delivery Component	2/23/2018	2018	1804

	U
906	Some 2014-16 MY 3.7L Explorer Police and 2014 MY 3.7L Taurus Police vehicles were built with a canister purge valve (CPV) that can leak due to contamination occurring during pressure pulses associated with heavy demand applications (e.g., police usage).
907	Some 2011-12 MY 6.7L F-Series Super Duty Diesel >14K vehicles were built with exhaust manifold mounting studs that may break due to thermal expansion, which can result in exhaust manifold leakage.
908	Some 2011-12 MY 6.7L F-Series Super Duty Diesel >14K vehicles were built with exhaust manifold mounting studs that may break due to thermal expansion, which can result in exhaust manifold leakage.
909	Customer Complaint: MIL on Component: NVLD Pressure Switch DTCs Present: P0456 (EVAP System Small Leak) Failure Description: Parts Analysis reflects part number 8K0 906 253 J Dirt contamination at NVLD switch (membrane) resulting with the OBD misinterpretation of a small leak. Contamination occurs as a result of certain ambient conditions such as high dust, high ash concentration and/or high salt conditions suspended in the atmosphere can cause this contamination. These contaminants can stick on the sealing surface of the diaphragm causing a MIL-on condition. The dirt contamination will not lead to any external leak. Thus, no increase in evaporative emissions. Because of this, Audi is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Part numbers involved (NVLD pressure switch): 8K0 906 253 B / C / D / E / H / J / L / K
910	Customer Complaint: MIL on Component: NVLD Pressure Switch DTCs Present: P0456 (EVAP System Small Leak) Failure Description: Parts Analysis reflects part number 8K0 906 253 J Dirt contamination at NVLD switch (membrane) resulting with the OBD misinterpretation of a small leak. Contamination occurs as a result of certain ambient conditions such as high dust, high ash concentration and/or high salt conditions suspended in the atmosphere can cause this contamination. These contaminants can stick on the sealing surface of the diaphragm causing a MIL-on condition. The dirt contamination will not lead to any external leak. Thus, no increase in evaporative emissions. Because of this, Audi is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Part numbers involved (NVLD pressure switch): 8K0 906 253 B / C / D / E / H / J / L / K
911	Due to a design change for the 2017MY CBR1000, the fuel filler neck diameter is smaller than previous model year. If the fuel tank cap seal swells, this smaller diameter may cause a gap between the fuel tank cap seal and fuel filler neck. Gasoline vapor may leak through the gap. If the motorcycle has a full tank of gasoline, a small
912	Due to variations in the production process by the supplier the following malfunctions of the fuel injector (including fault code storage and MIL activation) can occur: 1) Gelation of the compensator could occur after 2 to 3 years due to oxygen entered in the compensator oil of the fuel injector. 2) Leakages at the tip of the injection needle (¿tip leak¿) due to cracked filter caused by particles inside the injector. In about 30% of all cases the fuel injector was replaced without having a malfunction (no corresponding fault code storage and MIL illumination).
913	Some 2018 MY Jeep® Cherokee and Jeep® Compass vehicles equipped with a 2.4L engine (Sales Codes ED6, ED8 and EDE) may have been built with a cracked oil pump housing. The crack may propagate through the casting and cause the oil pump to fail, which will result in an engine stall due to a lack of oil pressure in the valvetrai
914	Customer Complaint: MIL on Component: NVLD Pressure Switch DTCs Present: P0456 (EVAP System Small Leak) Failure Description: Parts Analysis reflects part number 8K0 906 253 J Dirt contamination at NVLD switch (membrane) resulting with the OBD misinterpretation of a small leak. Contamination occurs as a result of certain ambient conditions such as high dust, high ash concentration and/or high salt conditions suspended in the atmosphere can cause this contamination. These contaminants can stick on the sealing surface of the diaphragm causing a MIL-on condition. The dirt contamination will not lead to any external leak. Thus, no increase in evaporative emissions. Because of this, Audi is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Part numbers involved (NVLD pressure switch): 8K0 906 253 B / C / D / E / H / J / L / K
915	During the assembly process, there is the possibility that the fuel pipes and the fuel hoses in the engine compartment were not properly connected. This condition could lead to a fuel odor or fuel leak. In the presence of an ignition source, a fuel leak could increase the risk of a fire.

	V
906	Ford has initiated warranty extension program 17M06 for 3.7L police units within the EFMXT03.73E8, EFMXT03.73DM, EFMXV03.7VE8, EFMXV03.7VEA, FFMXT03.73E8, FFMXT03.73DM, GFMXT03.73E8, and GFMXT03.73DM test groups. 17M06 extends the warranty of canister purge valves to 10 years or 120,000 miles, whichever occurs first. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
907	Ford has initiated warranty extension program 17M05 for 2011-12 MY 6.7L F-Series Super Duty Diesel >14K vehicles. 17M05 extends the warranty of exhaust manifolds to 10 years or 110,000 miles, whichever occurs first. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
908	Ford has initiated warranty extension program 17M05 for 2011-12 MY 6.7L F-Series Super Duty Diesel >14K vehicles. 17M05 extends the warranty of exhaust manifolds to 10 years or 110,000 miles, whichever occurs first. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
909	Volkswagen Group of America, Inc. is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Note: This VERR report addresses MY 2011 through 2014 Audi vehicles (AUDI Test Groups). MY 2015 is being reported under VERR VG-0009-01 (VGA Test Groups).
910	Volkswagen Group of America, Inc. is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Note: This VERR report addresses MY 2011 through 2014 Audi vehicles (AUDI Test Groups). MY 2015 is being reported under VERR VG-0009-01 (VGA Test Groups).
911	The dealer will replace the fuel tank cap. The dealer will also inspect the fuel tank cap seal and check if water is inside the fuel tank. If water is inside the fuel tank, the replacement parts will depend on the type of fuel tank. A steel fuel tank will have the fuel tank, fuel pump and fuel injectors replaced. A titanium fuel tank will have
912	The corrective measure consists of: 1. Usage of a different cooling oil to prevent gelation 2. Usage of a more robust material for particle filter to prevent corrosion and the resulting tip leak.
913	FCA US will perform an emissions-related voluntary safety recall (T65) on affected vehicles to inspect the oil pump for the manufacturing die cavity markings and replace the oil pump if it is marked with the cavity casting number KD8.
914	Volkswagen Group of America, Inc. is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Note: Note: This VERR report addresses MY 2015 Audi vehicles (VGA Test Groups). MY 2011 through 2014 are being reported under VERR AD-0017-01 (AUDI Test Groups).
915	Toyota will begin to notify owners by late March 2018. A sample of the owner notification letter has been included for your reference.

	W
906	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
907	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
908	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
909	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
910	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
911	American Honda will use its own retail delivery registration files in conjunction with DMV records procured from R.L. Polk & Co. to acquire customer names and addresses. A service bulletin will be sent to all Honda motorcycle dealers by electronic communication, and a customer notification letter will be sent to the owners by first class U.S. mail.
912	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
913	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
914	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
915	Toyota uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.

	X
906	Eligibility for this program is not conditioned upon proper maintenance or use.
907	Eligibility for this program is not conditioned upon proper maintenance or use.
908	Eligibility for this program is not conditioned upon proper maintenance or use.
909	There are no maintenance or eligibility requirements.
910	There are no maintenance or eligibility requirements.
911	None
912	Not applicable.
913	None.
914	There are no maintenance or eligibility requirements.
915	Any authorized Toyota dealer will inspect the fuel delivery pipes and fuel hoses for proper installation and, if necessary, properly connect them at NO CHARGE to the vehicle owner.

	Y
906	See Owner Notification Letter.
907	See Owner Notification Letter.
908	See Owner Notification Letter.
909	Affected authorized Audi dealers will receive notification and detailed information about this Extended Warranty Program on or about March, 2018. Affected Audi owners will be mailed a notification of this program on or about March, 2018. Enclosed are examples of Warranty Circulars and Customer Letters.
910	Affected authorized Audi dealers will receive notification and detailed information about this Extended Warranty Program on or about March, 2018. Affected Audi owners will be mailed a notification of this program on or about March, 2018. Enclosed are examples of Warranty Circulars and Customer Letters.
911	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
912	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
913	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
914	Affected authorized Audi dealers will receive notification and detailed information about this Extended Warranty Program on or about March, 2018. Affected Audi owners will be mailed a notification of this program on or about March, 2018. Enclosed are examples of Warranty Circulars and Customer Letters.
915	Toyota will send an owner notification by first class mail by late March 2018, advising owners to make an appointment with their authorized Toyota dealer to inspect the fuel delivery pipes for proper installation and, if necessary, properly connect them at NO CHARGE.

	Z
906	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
907	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
908	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
909	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
910	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
911	No class or category of persons other than Honda dealerships are authorized to provide this remedy.
912	Not applicable.
913	None.
914	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
915	The repair takes approximately 45 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.

	AA
906	Dealers are to obtain parts for this repair through the Special Service Support Center.
907	Dealers are to obtain parts for this repair through the Special Service Support Center.
908	Dealers are to obtain parts for this repair through the Special Service Support Center.
909	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
910	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
911	An adequate supply of parts to cover the initial repairs will be available in American Honda warehouses when the repair campaign is launched. Additional parts will continue to arrive in American Honda warehouses until an adequate supply of parts to cover the entire campaign is available. ?? To assure parts are used to repair motorcycles that have the defective part, distribution will be controlled by the American Honda. ??
912	New parts are provided to all authorized BMW centers via our service network.
913	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
914	Authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
915	No parts are being replaced.

	AB
906	Only vehicles identified with an asterisk in the "Affected Vehicles / Engines Description" are affected by this remedial plan. Other programs are identified because they are part of the test group.
907	9999 was used as the EDIR number because no EDIR was filed.
908	9999 was used as the EDIR number because no EDIR was filed.
909	Forwarding letter - CBI
910	Forwarding letter - CBI
911	Related Documents: Draft Honda Customer Notification Honda Service Bulletin CBR1000 #9
912	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
913	
914	Forwarding letter - CBI
915	Other: Signed VERR letter

	AC	AD	AE
906	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		7006
907	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		7045
908	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		7045
909	Not applicable		7048
910	Not applicable		7048
911	There is no fuel economy impact.		6829
912	This repair has no adverse impact on fuel economy.		6865
913	None.		6867
914	Not applicable		7049
915	This repair will not affect fuel economy.		7065

	AF	AG	AH	AI
906		3	Y	Y
907		3	Y	Y
908		3	Y	Y
909	Addition of test groups DADXV04.23UL and EADXV04.23UL	3	Y	N
910	Addition of test groups DADXV04.23UL and EADXV04.23UL	3	Y	N
911		2	Y	N
912		0	N	N
913	Left of the owner notification start date from the initial submission.	2	Y	N
914	Addition of test group FVGAV04.2NLB	3	Y	N
915		1	Y	Y

	AJ	AK	AL	AM
906	N	N	304707	Ford engineering judgment indicates that the corrective action should not affect drivability.
907	N	N	306374	Ford engineering judgment indicates that the corrective action should not affect drivability.
908	N	N	306374	Ford engineering judgment indicates that the corrective action should not affect drivability.
909	N	Y	306625	Not applicable
910	N	Y	306625	Not applicable
911	N	N	290761	There is no dvivability impact.
912	N	N	294987	This repair has no adverse impact on drivability.
913	N	N	295405	None.
914	N	Y	306633	Not applicable
915	N	Y	307340	This repair will not affect driveability.

	AN	AO	AP	AQ	AR
906	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6751	0	1714
907	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6790	0	9999
908	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6790	0	9999
909	Not applicable	N	6792	1	0036,0045,0056,0063
910	Not applicable	N	6792	1	0036,0045,0056,0063
911	There is no safety impact.	Y	6574	0	0096
912	This repair has no adverse impact on safety.	N	6610	0	0210
913	None.	N	6612	0	1722
914	Not applicable	N	6793	1	0010,0014,0037
915	Safety is affected.	N	6810	0	1802

	AS	AT	AU
906	Y		1
907	Y		1
908	Y		1
909	Y	3/30/2018	1
910	Y	3/30/2018	1
911	N	12/5/2017	1
912	N		1
913	Y	12/6/2017	1
914	Y	3/30/2018	1
915	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
916	17198	3/15/2018	2017	CRX	U18	Light-Duty Vehicles and Trucks	9	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
917	16863	12/8/2017	2017	HNX	VERR-17-010	On-Highway Motorcycles	8059	N					Mr Matthew Hinsley	matthew_hinsley@ahm.honda.com	310 781-6397
918	16876	12/12/2017	2010	TYX	TOYOTA-VERR-20171212	Light-Duty Vehicles and Trucks	18100	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
919	16877	12/12/2017	2012	BMX	17E-W01	Light-Duty Vehicles and Trucks	49501	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
920	16877	12/12/2017	2011	BMX	17E-W01	Light-Duty Vehicles and Trucks	49501	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
921	16877	12/12/2017	2010	BMX	17E-W01	Light-Duty Vehicles and Trucks	49501	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
922	16877	12/12/2017	2013	BMX	17E-W01	Light-Duty Vehicles and Trucks	49501	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
923	17266	4/4/2018	2011	BMX	17E-W13	Light-Duty Vehicles and Trucks	22386	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
924	17276	4/9/2018	2018	GMX	1355	Light-Duty Vehicles and Trucks	82	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
925	16096	4/19/2017	2012	HNX	VERR-17-002	Light-Duty Vehicles and Trucks	193486	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
926	16109	4/27/2017	2017	GMX	1335	Light-Duty Vehicles and Trucks	29	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
927	16109	4/27/2017	2016	GMX	1335	Light-Duty Vehicles and Trucks	29	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
928	16110	4/27/2017	2014	GMX	1326	Light-Duty Vehicles and Trucks	77389	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
929	16110	4/27/2017	2013	GMX	1326	Light-Duty Vehicles and Trucks	77389	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
930	16923	12/22/2017	2018	GMX	1348	Light-Duty Vehicles and Trucks	43	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
931	16927	12/22/2017	2016	KMX	16-HK-VERR-08	Light-Duty Vehicles and Trucks	61023	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
932	16927	12/22/2017	2015	KMX	16-HK-VERR-08	Light-Duty Vehicles and Trucks	61023	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
933	16927	12/22/2017	2014	KMX	16-HK-VERR-08	Light-Duty Vehicles and Trucks	61023	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
934	16928	12/22/2017	2014	HYX	16-HK-VERR-09	Light-Duty Vehicles and Trucks	260792	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
935	16928	12/22/2017	2016	HYX	16-HK-VERR-09	Light-Duty Vehicles and Trucks	260792	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
936	16928	12/22/2017	2015	HYX	16-HK-VERR-09	Light-Duty Vehicles and Trucks	260792	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027

	P	Q	R	S	T
916	dennis.rakicki@fcagroup.com	Electrical, Mechanical and Cooling Systems	3/13/2018	2018	1818
917		Electrical, Mechanical and Cooling Systems	1/25/2018	2018	27
918	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com	Hybrid Vehicle Component/System	12/1/2017	2017	1711
919	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	11/16/2017	2017	25
920	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	11/16/2017	2017	25
921	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	11/16/2017	2017	25
922	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	11/16/2017	2017	25
923	Maria.V.Nizhegorodova@bmwnaext.com	Turbocharger/Supercharger	2/7/2018	2018	30
924		Fuel Tank Component	3/28/2018	2018	1355
925		Computer Related (Other than OBD)	5/15/2017	2017	22
926		Hybrid Vehicle Component/System	4/24/2017	2017	1335
927		Hybrid Vehicle Component/System	4/24/2017	2017	1335
928		Catalyst/Aftertreatment Component/System (non-diesel engine)	4/24/2017	2017	1326
929		Catalyst/Aftertreatment Component/System (non-diesel engine)	4/24/2017	2017	1326
930		Catalyst/Aftertreatment Component/System (non-diesel engine)	12/21/2017	2017	1348
931	rbabcock@hatci.com	Crankcase Ventilation Component/System	9/22/2017	2017	8
932	rbabcock@hatci.com	Crankcase Ventilation Component/System	9/22/2017	2017	8
933	rbabcock@hatci.com	Crankcase Ventilation Component/System	9/22/2017	2017	8
934	rbabcock@hatci.com	Computer Related (Other than OBD)	9/22/2017	2017	9
935	rbabcock@hatci.com	Computer Related (Other than OBD)	9/22/2017	2017	9
936	rbabcock@hatci.com	Computer Related (Other than OBD)	9/22/2017	2017	9

	U
916	Some 2017 MY Jeep® Renegade vehicles equipped with a 2.4L engine (Sales Codes ED6) may have been built with a cracked oil pump housing. The crack may propagate through the casting and cause the oil pump to fail, which will result in an engine stall due to a lack of oil pressure in the valvetrain.
917	Due to error when printing the manual the frequency and the level (Inspect, Replace or Lubricate) of engine and emission related scheduled maintenance is incomplete in the owner's manual. It causes more frequent emission related maintenance for certification test vehicles than customer's recommended maintenance sched
918	A manufacturing issue in an electric motor in the involved vehicle¿s hybrid drivetrain may cause components to wear, leading to a potential short circuit. This condition will illuminate warning lights and warning messages. In most cases, the vehicle will enter a fail-safe mode, resulting in reduced propulsion and allowing the vehi
919	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
920	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
921	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
922	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
923	Due to deterioration of the wastegate flap bearing caused by resonant frequencies within the wastegate lever, the wastegate flap cannot close correctly resulting in a charge air pressure loss. This causes a performance loss of the engine which triggers a limp home mode and MIL illumination with fault code storage "charging pressure too low".
924	On certain Chevrolet Silverado HD and GMC Sierra HD vehicles equipped with dual fuel tanks, there is a potential that the rear fuel tank inlet check valve may have been damaged by modified tooling during vehicle assembly. If damage exists it may be possible for fuel or fuel vapor to leak at the connection of the fuel filler hose to
925	Due to an improper PCM calibration under certain conditions after starting the engine, the PCM cannot properly adjust the air-fuel ratio. As a result, the vehicle may be releasing air pollutants that exceed emissions standards.
926	General Motors has reviewed vehicle assembly quality inspection data and determined that on certain vehicles an electrical connector on the drive motor power inverter module may not have been properly connected and locked to the mating connector. If this connector would become disconnected the MIL will illuminate and
927	General Motors has reviewed vehicle assembly quality inspection data and determined that on certain vehicles an electrical connector on the drive motor power inverter module may not have been properly connected and locked to the mating connector. If this connector would become disconnected the MIL will illuminate and
928	In certain vehicles thermal cracking of the catalytic converter washcoat ceramic substrate may occur as a result of higher than anticipated exhaust temperatures.
929	In certain vehicles thermal cracking of the catalytic converter washcoat ceramic substrate may occur as a result of higher than anticipated exhaust temperatures.
930	General Motors has identified a limited period of time when a vehicle assembly plant's catalytic converter part selection error proofing system was not operational. During this time there is a potential that a small volume of California emissions certified vehicles produced may not have been built with the appropriate catalytic c
931	Some 2014~2016 model Fortes may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
932	Some 2014~2016 model Fortes may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
933	Some 2014~2016 model Fortes may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
934	Some 2011~2016 model Elantras may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
935	Some 2011~2016 model Elantras may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
936	Some 2011~2016 model Elantras may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.

	V
916	FCA US will perform an emissions-related voluntary safety recall (U18) on affected vehicles to inspect the oil pump for the manufacturing die cavity markings and replace the oil pump if it is marked with the cavity casting number KD8.
917	Vehicle owners will be notified of the corrective action and new owner's manuals with the correct maintenance schedule information will be directly mailed to each affected customer. Dealers with affected units currently in dealer inventory will be instructed to review the Affected Inventory sheet that comes with the remedy Owner¿s Manual shipment and locate each affected unit and replace the original Owner¿s Manual with the remedy part that contains the correct maintenance schedule. Then destroy the original Owner¿s Manual.
918	Lexus notified owners on December 1st, 2017. Lexus makes significant effort to obtain current customer name and address information from each state through industry resources when mailing owner letters. In the event your dealership receives a notice for a vehicle that was sold prior to the Safety Recall announcement, it is th
919	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 07/2017.
920	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 07/2017.
921	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 07/2017.
922	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 07/2017.
923	The corrective measure consists of replacing the original build turbocharger by a new part if the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
924	General Motors will conduct a Voluntary Emissions Recall to replace the rear fuel tank in all vehicles that were assembled using the modified tooling.
925	The PCM will be updated with a correct programming by a Honda dealership.
926	General Motors will conduct a Voluntary Emissions Recall on vehicles identified with the potential defect to inspect the drive motor power inverter module connector and ensure that it is properly connected.
927	General Motors will conduct a Voluntary Emissions Recall on vehicles identified with the potential defect to inspect the drive motor power inverter module connector and ensure that it is properly connected.
928	General Motors will conduct a Voluntary Emissions Recall to program the ECM with calibrations that lower the maximum exhaust temperature to within the operating range of the catalytic converter.
929	General Motors will conduct a Voluntary Emissions Recall to program the ECM with calibrations that lower the maximum exhaust temperature to within the operating range of the catalytic converter.
930	General Motors will conduct a Voluntary Emissions Recall to inspect the catalytic converter to confirm the correct part is installed. If the correct part is not installed General Motors will replace the catalytic converter with correct part.
931	Hyuindai and Kia will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.
932	Hyuindai and Kia will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.
933	Hyuindai and Kia will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.
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935	Hyuindai will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.
936	Hyuindai will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.

	W
916	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
917	American Honda will use its own retail delivery registration files in conjunction with DMV records procured from R.L. Polk & Co. to acquire customer names and addresses. A service bulletin will be sent to all Honda motorcycle dealers by electronic communication, and a customer notification letter will be sent to the owners by first class U.S. mail.
918	Lexus uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
919	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
920	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
921	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
922	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
923	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
924	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
925	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
926	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
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930	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
931	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
932	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
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936	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.

	X
916	None.
917	None.
918	No special conditions are required for eligibility of repair under this HLE program.
919	Not applicable.
920	Not applicable.
921	Not applicable.
922	Not applicable.
923	Not applicable.
924	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
925	No pre-conditions exist. Repair will be made free-of-charge.
926	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
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930	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
931	There are no restrictions on eligibility.
932	There are no restrictions on eligibility.
933	There are no restrictions on eligibility.
934	There are no restrictions on eligibility.
935	There are no restrictions on eligibility.
936	There are no restrictions on eligibility.

	Y
916	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt ofthe notification.
917	Owners will receive a replacement correct owners manual directly by mail.
918	The notification letter will include a recommendation that the owners contact any authorized Lexus dealer to schedule an appointment to have the remedy performed as soon as possible.
919	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
920	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
921	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
922	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
923	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
924	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
925	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
926	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
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930	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
931	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
932	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
933	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
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935	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
936	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.

	Z
916	None.
917	Not applicable.
918	This repair takes approximately nine hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
919	Not applicable.
920	Not applicable.
921	Not applicable.
922	Not applicable.
923	Not applicable.
924	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
925	Work can only be performed by an authorized Honda dealership.
926	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
927	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
928	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
929	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
930	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
931	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
932	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
933	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
934	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
935	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
936	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.

	AA
916	FCA US will have a minimum of 100 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
917	An adequate supply of parts to cover the initial repairs will be available in American Honda warehouses when the repair campaign is launched. Additional parts will continue to arrive in American Honda warehouses unit an adequate supply of parts to cover the entire campaign is available. To assure parts are used to repair mot
918	Lexus will send an owner notification by first class mail advising owners to make an appointment with their authorized Lexus dealer to have the hybrid vehicle transaxle replaced with a new one at NO CHARGE.
919	New parts are provided to all authorized BMW centers via our service network.
920	New parts are provided to all authorized BMW centers via our service network.
921	New parts are provided to all authorized BMW centers via our service network.
922	New parts are provided to all authorized BMW centers via our service network.
923	New parts are provided to all authorized BMW centers via our service network.
924	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
925	Software update, no parts required.
926	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
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930	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
931	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
932	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
933	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
934	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
935	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
936	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.

	AB
916	
917	Related Documents: Draft Honda Customer Notification Honda Service Bulletin "Multiple Models: Owners Manul #1"
918	Other: Signed VERR Letter
919	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
920	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
921	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
922	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
923	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
924	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
925	Related Documents: Draft Customer Notification Honda Service Bulletin 17-023
926	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
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931	
932	
933	
934	Customer Letter and TSB in supporting document.
935	Customer Letter and TSB in supporting document.
936	Customer Letter and TSB in supporting document.

	AC	AD	AE
916	None.		7105
917	There is no fuel economy impact.		6868
918	This repair will not affect fuel economy.		6885
919	This repair has no adverse impact on fuel economy.		6886
920	This repair has no adverse impact on fuel economy.		6886
921	This repair has no adverse impact on fuel economy.		6886
922	This repair has no adverse impact on fuel economy.		6886
923	This repair has no adverse impact on fuel economy.		7166
924	The proposed changes have no impact on fuel economy.		7185
925	None		6245
926	The proposed changes have no impact on fuel economy.		6265
927	The proposed changes have no impact on fuel economy.		6265
928	The proposed changes have no impact on fuel economy.		6266
929	The proposed changes have no impact on fuel economy.		6266
930	The proposed changes have no impact on fuel economy.		6905
931	This repair will not affect fuel consumption of these vehicles.		6906
932	This repair will not affect fuel consumption of these vehicles.		6906
933	This repair will not affect fuel consumption of these vehicles.		6906
934	This repair will not affect fuel consumption of these vehicles.		6907
935	This repair will not affect fuel consumption of these vehicles.		6907
936	This repair will not affect fuel consumption of these vehicles.		6907

	AF	AG	AH	AI
916	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
917		2	Y	N
918		2	Y	Y
919		0	N	N
920		0	N	N
921		0	N	N
922		0	N	N
923		0	N	N
924		1	N	N
925		2	Y	N
926		1	N	N
927		1	N	N
928		1	N	N
929		1	N	N
930		1	N	N
931		2	Y	N
932		2	Y	N
933		2	Y	N
934		1	N	N
935		1	N	N
936		1	N	N

	AJ	AK	AL	AM
916	N	N	308409	None.
917	N	N	295475	There is no drivability impact.
918	N	Y	296078	This repair will not affect driveability.
919	N	N	296095	This repair has no adverse impact on drivability.
920	N	N	296095	This repair has no adverse impact on drivability.
921	N	N	296095	This repair has no adverse impact on drivability.
922	N	N	296095	This repair has no adverse impact on drivability.
923	N	N	310620	This repair has no adverse impact on drivability.
924	N	N	310892	The proposed changes have no impact on drivability.
925	N	N	258883	None
926	N	N	259794	The proposed changes have no impact on drivability.
927	N	N	259794	The proposed changes have no impact on drivability.
928	N	N	259796	The proposed changes have no impact on drivability.
929	N	N	259796	The proposed changes have no impact on drivability.
930	N	N	299060	The proposed changes have no impact on drivability.
931	N	N	299160	This repair will not affect the drivability of these vehicles.
932	N	N	299160	This repair will not affect the drivability of these vehicles.
933	N	N	299160	This repair will not affect the drivability of these vehicles.
934	N	Y	299173	This repair will not affect the drivability of these vehicles.
935	N	Y	299173	This repair will not affect the drivability of these vehicles.
936	N	Y	299173	This repair will not affect the drivability of these vehicles.

	AN	AO	AP	AQ	AR
916	None.	N	6850	0	1722
917	There is no safety impact.	Y	6613	0	0097
918	This repair will affect safety.	N	6630	0	1709
919	This repair has no adverse impact on safety.	N	6631	0	0161,0162
920	This repair has no adverse impact on safety.	N	6631	0	0161,0162
921	This repair has no adverse impact on safety.	N	6631	0	0161,0162
922	This repair has no adverse impact on safety.	N	6631	0	0161,0162
923	This repair has no adverse impact on safety.	N	6930	0	0214
924	The proposed changes have no impact safety.	N	6950	0	1355
925	None	Y	5970	0	0089
926	The proposed changes have no impact safety.	N	5990	0	1335
927	The proposed changes have no impact safety.	N	5990	0	1335
928	The proposed changes have no impact safety.	N	5991	0	1326
929	The proposed changes have no impact safety.	N	5991	0	1326
930	The proposed changes have no impact safety.	N	6650	0	1348
931	This repair will not affect the safety of these vehicles.	Y	6651	1	0139
932	This repair will not affect the safety of these vehicles.	Y	6651	1	0139
933	This repair will not affect the safety of these vehicles.	Y	6651	1	0139
934	This repair will not affect the safety of these vehicles.	Y	6652	1	0138
935	This repair will not affect the safety of these vehicles.	Y	6652	1	0138
936	This repair will not affect the safety of these vehicles.	Y	6652	1	0138

	AS	AT	AU
916	Y	3/14/2018	1
917	N	1/26/2018	1
918	Y		1
919	N		1
920	N		1
921	N		1
922	N		1
923	N		1
924	Y		1
925	N	5/16/2017	1
926	Y		1
927	Y		1
928	Y		1
929	Y		1
930	Y		1
931	N	9/27/2017	1
932	N	9/27/2017	1
933	N	9/27/2017	1
934	N	9/27/2017	1
935	N	9/27/2017	1
936	N	9/27/2017	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
937	16928	12/22/2017	2013	HYX	16-HK-VERR-09	Light-Duty Vehicles and Trucks	260792	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
938	16928	12/22/2017	2012	HYX	16-HK-VERR-09	Light-Duty Vehicles and Trucks	260792	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
939	16928	12/22/2017	2011	HYX	16-HK-VERR-09	Light-Duty Vehicles and Trucks	260792	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
940	15979	3/2/2017	2015	FMX	16E05	Light-Duty Vehicles and Trucks	6482	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
941	16051	3/31/2017	2016	HNX	VERR-17-003	Light-Duty Vehicles and Trucks	136	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
942	16082	4/12/2017	2013	TYX	TOYOTA-VERR-20170411	Light-Duty Vehicles and Trucks	11470	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
943	16082	4/12/2017	2012	TYX	TOYOTA-VERR-20170411	Light-Duty Vehicles and Trucks	11470	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
944	16118	5/2/2017	2012	BMX	16E-W02	Light-Duty Vehicles and Trucks	5179	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
945	16115	5/1/2017	2017	CRX	T08	Heavy-Duty Highway Class 2b/3 Vehicles	1009	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
946	16116	5/1/2017	2017	CRX	T08	Light-Duty Vehicles and Trucks	1009	N					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
947	16123	5/3/2017	2013	CRX	T02	Light-Duty Vehicles and Trucks	2766	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
948	16123	5/3/2017	2012	CRX	T02	Light-Duty Vehicles and Trucks	2766	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
949	16139	5/9/2017	2017	CRX	T08	Light-Duty Vehicles and Trucks	1009	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
950	17221	3/23/2018	2017	CRX	U09	Light-Duty Vehicles and Trucks	39442	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
951	17259	3/30/2018	2017	HNX	VERR-17-010	On-Highway Motorcycles	8059	Y					Mr Matthew Hinsley	matthew_hinsley@ahm.honda.com	310 781-6397
952	16120	5/2/2017	2012	BMX	16E-W03	Light-Duty Vehicles and Trucks	19800	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
953	16158	5/18/2017	2017	FMX	17E03	Light-Duty Vehicles and Trucks	251	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
954	16615	9/29/2017	2014	TYX	TOYOTA-VERR-20170929	Light-Duty Vehicles and Trucks	870	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
955	16615	9/29/2017	2013	TYX	TOYOTA-VERR-20170929	Light-Duty Vehicles and Trucks	870	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
956	16615	9/29/2017	2011	TYX	TOYOTA-VERR-20170929	Light-Duty Vehicles and Trucks	870	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
957	16615	9/29/2017	2010	TYX	TOYOTA-VERR-20170929	Light-Duty Vehicles and Trucks	870	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162

	P	Q	R	S	T
937	rbabcock@hatci.com	Computer Related (Other than OBD)	9/22/2017	2017	9
938	rbabcock@hatci.com	Computer Related (Other than OBD)	9/22/2017	2017	9
939	rbabcock@hatci.com	Computer Related (Other than OBD)	9/22/2017	2017	9
940		On-Board Diagnostic (OBD) System	2/22/2017	2017	1605
941		Fuel Tank Component	4/24/2017	2017	23
942	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Ignition Component	3/30/2017	2017	1703
943	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Ignition Component	3/30/2017	2017	1703
944	maria.v.nizhegorodova@bmwnaext.com	Oxygen Sensor	4/10/2017	2017	2
945	dennis.rakicki@fcagroup.com	Fuel Delivery Component	4/27/2017	2017	1708
946	dennis.rakicki@fcagroup.com	Fuel Delivery Component	4/27/2017	2017	1708
947	dennis.rakicki@fcagroup.com	Computer Related (Other than OBD)	5/1/2017	2017	1702
948	dennis.rakicki@fcagroup.com	Computer Related (Other than OBD)	5/1/2017	2017	1702
949	dennis.rakicki@fcagroup.com	Fuel Delivery Component	4/27/2017	2017	1708
950	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	3/22/2018	2018	1809
951		Electrical, Mechanical and Cooling Systems	3/19/2018	2018	27
952	Maria.V.Nizhegorodova@bmwnaext.com	Turbocharger/Supercharger	4/10/2017	2017	3
953		Fuel Tank Component	5/15/2017	2017	1703
954	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Tank Component	9/11/2017	2017	1708
955	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Tank Component	9/11/2017	2017	1708
956	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Tank Component	9/11/2017	2017	1708
957	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Tank Component	9/11/2017	2017	1708

	U
937	Some 2011~2016 model Elantras may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
938	Some 2011~2016 model Elantras may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
939	Some 2011~2016 model Elantras may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
940	Some 2015 MY 3.5L Transit GTDI vehicles were built with a calibration that will detect catalyst monitor sensor (CMS) faults but not illuminate the MIL. This can result in disabling the catalyst monitor.
941	Some plastic fuel tanks may have been manufactured with incorrect material, which can cause separation within the fuel tank walls allowing for fuel leakage.
942	Toyota has received reports of customer concerns regarding a combination of noise, roughness at idle, stalling when coming to a stop, and/or a stall on start up. Field investigation reports revealed a buildup of carbon in the combustion chambers caused by inadequate design clearance between the cylinder head and valve cove
943	Toyota has received reports of customer concerns regarding a combination of noise, roughness at idle, stalling when coming to a stop, and/or a stall on start up. Field investigation reports revealed a buildup of carbon in the combustion chambers caused by inadequate design clearance between the cylinder head and valve cove
944	The part number 11787614322 relates to the oxygen sensor. Analysis have shown that in about 100% this component has been replaced due to material degradation in the heater element, caused by phase shifting from a tetragonal to a monocline phase in the area of the through-connection holes of the ceramics. This material
945	Some 2017 MY Dodge Journey vehicles may have been manufactured with a fuel supply line that was damaged during manufacturing and may result in a fuel leak.
946	Some 2017 MY Dodge Journey vehicles may have been manufactured with a fuel supply line that was damaged during manufacturing and may result in a fuel leak.
947	Certain 2012 and 2013 MY Chrysler 300 and Dodge Charger vehicles equipped 8-Speed Automatic Transmission were flashed with incorrect Monostable Shifter Safety Recall (S27(16V240)/S50) software (Transmission Control Module) calibration due to the WiTECH service diagnostic tool presenting the technicians with a drop dow
948	Certain 2012 and 2013 MY Chrysler 300 and Dodge Charger vehicles equipped 8-Speed Automatic Transmission were flashed with incorrect Monostable Shifter Safety Recall (S27(16V240)/S50) software (Transmission Control Module) calibration due to the WiTECH service diagnostic tool presenting the technicians with a drop dow
949	Some 2017 MY Dodge Journey vehicles may have been manufactured with a fuel supply line that was damaged during manufacturing and may result in a fuel leak.
950	Some 2017 MY Dodge Grand Caravan (¿RT¿) and Jeep Wrangler (¿JK¿) vehicles may have a suspect brake switch that causes the brake lamps to stay on, and may allow automatic transmission (¿ATX¿) vehicles to be shifted out of PARK without depressing the brake pedal. The root cause was determined to be malformation of the switch plunger rings, due to trapped gas in the plunger mold tool vent, which lowered the plunger tension force in the assembled switch below the minimum seven-pound limit. Preventive maintenance to clean the plunger mold tool vent was not performed on the suspect plunger lot.
951	Due to error when printing the manual the frequency and the level (Inspect, Replace or Lubricate) of engine and emission related scheduled maintenance is incomplete in the owner's manual. It causes more frequent emission related maintenance for certification test vehicles than customer's recommended maintenance sched
952	The affected part number 11747626351 relates to the Pressure Converter. In about 90% of all cases the component Pressure Converter was replaced in service due to a mechanical defect. This mechanical defect could be caused either by contamination of the filter or by leackages/cracks of the membrane due to chemical damag
953	Some 2017 MY 2.0L MKC gasoline turbocharged direct injection (GTDI) and 2.3L MKC GDTI vehicles were built with fuel filler pipes that incorrectly identified E85 as an acceptable fuel.
954	Due to extreme ultraviolet (UV) and high humidity climate conditions unique to Guam and Saipan, material of the inlet portion of the fuel tank may degrade, resulting in surface cracks. These cracks may grow over time due to stress and high temperatures. As a result, a Malfunction Indicator Lamp (MIL) may illuminate and fuel see
955	Due to extreme ultraviolet (UV) and high humidity climate conditions unique to Guam and Saipan, material of the inlet portion of the fuel tank may degrade, resulting in surface cracks. These cracks may grow over time due to stress and high temperatures. As a result, a Malfunction Indicator Lamp (MIL) may illuminate and fuel see
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957	Due to extreme ultraviolet (UV) and high humidity climate conditions unique to Guam and Saipan, material of the inlet portion of the fuel tank may degrade, resulting in surface cracks. These cracks may grow over time due to stress and high temperatures. As a result, a Malfunction Indicator Lamp (MIL) may illuminate and fuel see

	V
937	Hyuindai will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.
938	Hyuindai will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.
939	Hyuindai will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.
940	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
941	The fuel tank will be replaced by a Honda dealership.
942	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement for a combination of abnormal noise and rough idle caused by internal carbon deposit in the combustion chambers.
943	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement for a combination of abnormal noise and rough idle caused by internal carbon deposit in the combustion chambers.
944	To eliminate this problem, BMW will reduce diameter of the through-connection holes to increase material stability.
945	FCA US will conduct a Customer satisfaction notice (T08) on all affected vehicles in to replace the fuel supply line.
946	FCA US will conduct a Customer satisfaction notice (T08) on all affected vehicles in to replace the fuel supply line.
947	FCA US will perform a voluntary emissions related customer satisfaction notice (T02) to reflash the TCM to the intended configuration in the Monostable Shifter recall (S27(16V240)/S50).
948	FCA US will perform a voluntary emissions related customer satisfaction notice (T02) to reflash the TCM to the intended configuration in the Monostable Shifter recall (S27(16V240)/S50).
949	FCA US will conduct a Customer satisfaction notice (T08) on all affected vehicles in to replace the fuel supply line.
950	FCA US will perform an emissions-related voluntary safety recall (U09) on affected vehicles to replace the suspect brake lamp switches.
951	Vehicle owners will be notified of the corrective action and new owner's manuals with the correct maintenance schedule information will be directly mailed to each affected customer. Dealers with affected units currently in dealer inventory will be instructed to review the Affected Inventory sheet that comes with the remedy Owner¿s Manual shipment and locate each affected unit and replace the original Owner¿s Manual with the remedy part that contains the correct maintenance schedule. Then destroy the original Owner¿s Manual.
952	BMW will extend emission warranty to 10 year / 120.000 miles full useful life for component pressure converter for all models in test group CBMXV03.0F10 of Model Year 2012.
953	Dealers will replace the fuel filler pipe with one indicating the vehicle is capable of gasoline-only (E0-E15) operation. There is no functional difference between the filler pipes.
954	Toyota will send an owner notification by first class mail starting on September 11, 2017 to all affected customers in Guam, and in mid-October to all affected customers in Saipan. Further, Toyota dealers will replace the fuel tank. The remedy will be performed at NO COST to vehicle owners.
955	Toyota will send an owner notification by first class mail starting on September 11, 2017 to all affected customers in Guam, and in mid-October to all affected customers in Saipan. Further, Toyota dealers will replace the fuel tank. The remedy will be performed at NO COST to vehicle owners.
956	Toyota will send an owner notification by first class mail starting on September 11, 2017 to all affected customers in Guam, and in mid-October to all affected customers in Saipan. Further, Toyota dealers will replace the fuel tank. The remedy will be performed at NO COST to vehicle owners.
957	Toyota will send an owner notification by first class mail starting on September 11, 2017 to all affected customers in Guam, and in mid-October to all affected customers in Saipan. Further, Toyota dealers will replace the fuel tank. The remedy will be performed at NO COST to vehicle owners.

	W
937	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
938	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
939	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
940	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
941	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
942	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in end of March and will be completed by earl
943	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in end of March and will be completed by earl
944	BMW will obtain names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
945	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
946	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
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950	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
951	American Honda will use its own retail delivery registration files in conjunction with DMV records procured from R.L. Polk & Co. to acquire customer names and addresses. A service bulletin will be sent to all Honda motorcycle dealers by electronic communication, and a customer notification letter will be sent to the owners by first class U.S. mail.
952	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
953	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
954	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in mid-August.
955	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in mid-August.
956	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in mid-August.
957	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in mid-August.

	X
937	There are no restrictions on eligibility.
938	There are no restrictions on eligibility.
939	There are no restrictions on eligibility.
940	Eligibility for this program is not conditioned upon proper maintenance or use.
941	No pre-conditions exist. Repair will be made free-of-charge.
942	No special conditions are required for eligibility of repair under this ZG8 program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re
943	No special conditions are required for eligibility of repair under this ZG8 program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re
944	Not applicable.
945	None.
946	None.
947	None.
948	None.
949	None.
950	None.
951	None.
952	Not applicable.
953	Eligibility for this program is not conditioned upon proper maintenance or use.
954	No special conditions are required for eligibility of repair under this H0J program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to
955	No special conditions are required for eligibility of repair under this H0J program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to
956	No special conditions are required for eligibility of repair under this H0J program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to
957	No special conditions are required for eligibility of repair under this H0J program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to

	Y
937	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
938	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
939	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
940	See Owner Notification Letter.
941	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
942	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
943	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
944	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer.
945	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
946	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
947	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
948	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
949	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
950	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
951	Owners will receive a replacement correct owners manual directly by mail.
952	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
953	See Owner Notification Letter.
954	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the inspection and/or repair in accordance with the published Toyota Campaign Procedure.
955	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the inspection and/or repair in accordance with the published Toyota Campaign Procedure.
956	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the inspection and/or repair in accordance with the published Toyota Campaign Procedure.
957	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the inspection and/or repair in accordance with the published Toyota Campaign Procedure.

	Z
937	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
938	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
939	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
940	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
941	Work can only be performed by an authorized Honda dealership.
942	The repair will be performed at Toyota dealerships only, and it will take approximately 5.5 hours for repair. However, this period may be longer depending upon dealers work schedule.
943	The repair will be performed at Toyota dealerships only, and it will take approximately 5.5 hours for repair. However, this period may be longer depending upon dealers work schedule.
944	Not applicable.
945	None.
946	None.
947	None.
948	None.
949	None.
950	None.
951	Not applicable.
952	Not applicable.
953	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
954	The repair takes approximately two and a half hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
955	The repair takes approximately two and a half hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
956	The repair takes approximately two and a half hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
957	The repair takes approximately two and a half hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.

	AA
937	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
938	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
939	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
940	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
941	Currently have a sufficient supply of replacement tanks available.
942	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program ZG8. Please refer to POL17-05 for instructions.
943	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program ZG8. Please refer to POL17-05 for instructions.
944	New ignition coils are provided to all authorized BMW centers and MINI dealers via our service network.
945	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
946	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
947	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM.
948	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM.
949	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
950	FCA US will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
951	An adequate supply of parts to cover the initial repairs will be available in American Honda warehouses when the repair campaign is launched. Additional parts will continue to arrive in American Honda warehouses unit an adequate supply of parts to cover the entire campaign is available. To assure parts are used to repair mot
952	New parts are provided to all authorized BMW centers via our service network.
953	Dealers are to obtain parts for this repair through the Special Service Support Center.
954	There is sufficient inventory of the replacement parts to accommodate this SSC.
955	There is sufficient inventory of the replacement parts to accommodate this SSC.
956	There is sufficient inventory of the replacement parts to accommodate this SSC.
957	There is sufficient inventory of the replacement parts to accommodate this SSC.

	AB
937	Customer Letter and TSB in supporting document.
938	Customer Letter and TSB in supporting document.
939	Customer Letter and TSB in supporting document.
940	
941	Related Documents: Draft Customer Notification Honda Service Bulletin 17-021
942	Other: signed VERR letter
943	Other: signed VERR letter
944	This repair has no adverse impact on driveability.
945	"Actual Number Identified" reflects the number of vehicles in campaign T08 Affects only some 2017 MY Dodge Journey vehicles built from November 29, 2016 through December 22, 2016.
946	"Actual Number Identified" reflects the number of vehicles in campaign T08 Affects only some 2017 MY Dodge Journey vehicles built from November 29, 2016 through December 22, 2016.
947	Affects only certain 2012 - 2013 MY Chrysler 300 and Dodge Charger vehicles built on or after June 9, 2011 through February 15, 2013.
948	Affects only certain 2012 - 2013 MY Chrysler 300 and Dodge Charger vehicles built on or after June 9, 2011 through February 15, 2013.
949	"Actual Number Identified" reflects the number of vehicles in campaign T08 Affects only some 2017 MY Dodge Journey vehicles built from November 29, 2016 through December 22, 2016.
950	
951	Related Documents: Draft Honda Customer Notification Honda Service Bulletin "Multiple Models: Owners Manual #1"
952	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
953	-The HFMXT02.02HA test group includes both Escape and MKC vehicles. However, only MKC vehicles are included in this field service action.
954	Other: Signed VERR letter
955	Other: Signed VERR letter
956	Other: Signed VERR letter
957	Other: Signed VERR letter

	AC	AD	AE
937	This repair will not affect fuel consumption of these vehicles.		6907
938	This repair will not affect fuel consumption of these vehicles.		6907
939	This repair will not affect fuel consumption of these vehicles.		6907
940	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6126
941	None.		6205
942	This repair will not affect fuel economy.		6225
943	This repair will not affect fuel economy.		6225
944	This repair has no adverse impact on fuel economy.		6269
945	None.		6267
946	None.		6268
947	None.		6271
948	None.		6271
949	None.		6285
950	None.		7125
951	There is no fuel economy impact.		7145
952	This repair has no adverse impact on fuel economy.		6270
953	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6307
954	This repair will not affect fuel economy.		6685
955	This repair will not affect fuel economy.		6685
956	This repair will not affect fuel economy.		6685
957	This repair will not affect fuel economy.		6685

	AF	AG	AH	AI
937		1	N	N
938		1	N	N
939		1	N	N
940		3	Y	Y
941		2	Y	N
942		4	Y	N
943		4	Y	N
944		0	N	N
945		2	Y	N
946	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
947	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
948	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
949	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck. Previous change form version number was not updated to 01. This change is to make the file name and form version number match.	2	Y	N
950	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
951	Corrected Owner notification start date.	2	Y	N
952		0	N	N
953		3	Y	Y
954		2	Y	Y
955		2	Y	Y
956		2	Y	Y
957		2	Y	Y

	AJ	AK	AL	AM
937	N	Y	299173	This repair will not affect the drivability of these vehicles.
938	N	Y	299173	This repair will not affect the drivability of these vehicles.
939	N	Y	299173	This repair will not affect the drivability of these vehicles.
940	N	N	253573	Ford engineering judgment indicates that the corrective action should not affect drivability.
941	N	N	256989	None.
942	N	Y	258214	This repair will not affect driveability.
943	N	Y	258214	This repair will not affect driveability.
944	N	N	260313	This repair has no adverse impact on driveability.
945	N	N	260114	None.
946	N	N	260116	None.
947	N	N	260493	None.
948	N	N	260493	None.
949	N	N	261138	None.
950	N	N	309302	None.
951	N	N	310079	There is no drivability impact.
952	N	N	260372	This repair has no adverse impact on driveability.
953	N	N	262788	Ford engineering judgment indicates that the corrective action should not affect drivability.
954	N	Y	283383	This repair will not affect driveability.
955	N	Y	283383	This repair will not affect driveability.
956	N	Y	283383	This repair will not affect driveability.
957	N	Y	283383	This repair will not affect driveability.

	AN	AO	AP	AQ	AR
937	This repair will not affect the safety of these vehicles.	Y	6652	1	0138
938	This repair will not affect the safety of these vehicles.	Y	6652	1	0138
939	This repair will not affect the safety of these vehicles.	Y	6652	1	0138
940	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5852	0	1615
941	Reduced risk of fire by eliminating the potential for a fuel leak.	Y	5930	0	0090
942	This repair will not affect safety.	Y	5950	0	0015
943	This repair will not affect safety.	Y	5950	0	0015
944	This repair has no adverse impact on safety.	N	6012	0	0137
945	None.	N	6010	0	1705
946	None.	N	6011	0	1705
947	None.	N	6014	0	1702
948	None.	N	6014	0	1702
949	None.	N	6030	2	1705
950	None.	N	6870	0	1807
951	There is no safety impact.	Y	6890	1	0097
952	This repair has no adverse impact on safety.	N	6013	0	0142
953	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6052	0	1707
954	Safety is not affected.	N	6430	0	1708
955	Safety is not affected.	N	6430	0	1708
956	Safety is not affected.	N	6430	0	1708
957	Safety is not affected.	N	6430	0	1708

	AS	AT	AU
937	N	9/27/2017	1
938	N	9/27/2017	1
939	N	9/27/2017	1
940	Y		1
941	N	4/25/2017	1
942	Y		1
943	Y		1
944	N		1
945	Y	4/28/2017	1
946	Y	4/28/2017	1
947	Y	5/2/2017	1
948	Y	5/2/2017	1
949	Y	4/28/2017	1
950	Y	3/23/2018	1
951	N	3/20/2018	1
952	N		1
953	Y		1
954	Y		1
955	Y		1
956	Y		1
957	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
958	16615	9/29/2017	2009	TYX	TOYOTA-VERR-20170929	Light-Duty Vehicles and Trucks	870	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
959	16615	9/29/2017	2008	TYX	TOYOTA-VERR-20170929	Light-Duty Vehicles and Trucks	870	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
960	16615	9/29/2017	2007	TYX	TOYOTA-VERR-20170929	Light-Duty Vehicles and Trucks	870	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
961	16156	5/16/2017	2009	BMX	16E-W01	Light-Duty Vehicles and Trucks	36098	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
962	16156	5/16/2017	2010	BMX	16E-W01	Light-Duty Vehicles and Trucks	36098	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
963	16156	5/16/2017	2011	BMX	16E-W01	Light-Duty Vehicles and Trucks	36098	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
964	16156	5/16/2017	2012	BMX	16E-W01	Light-Duty Vehicles and Trucks	36098	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
965	16156	5/16/2017	2013	BMX	16E-W01	Light-Duty Vehicles and Trucks	36098	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
966	16157	5/17/2017	2015	GMX	1342	Light-Duty Vehicles and Trucks	12540	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200

	P	Q	R	S	T
958	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Tank Component	9/11/2017	2017	1708
959	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Tank Component	9/11/2017	2017	1708
960	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Tank Component	9/11/2017	2017	1708
961	Maria.V.Nizhegorodova@bmwnaext.com	Selective Catalytic Reduction System	2/20/2017	2017	4
962	Maria.V.Nizhegorodova@bmwnaext.com	Selective Catalytic Reduction System	2/20/2017	2017	4
963	Maria.V.Nizhegorodova@bmwnaext.com	Selective Catalytic Reduction System	2/20/2017	2017	4
964	Maria.V.Nizhegorodova@bmwnaext.com	Selective Catalytic Reduction System	2/20/2017	2017	4
965	Maria.V.Nizhegorodova@bmwnaext.com	Selective Catalytic Reduction System	2/20/2017	2017	4
966		Exhaust System	5/16/2017	2017	1342

	U
958	Due to extreme ultraviolet (UV) and high humidity climate conditions unique to Guam and Saipan, material of the inlet portion of the fuel tank may degrade, resulting in surface cracks. These cracks may grow over time due to stress and high temperatures. As a result, a Malfunction Indicator Lamp (MIL) may illuminate and fuel see
959	Due to extreme ultraviolet (UV) and high humidity climate conditions unique to Guam and Saipan, material of the inlet portion of the fuel tank may degrade, resulting in surface cracks. These cracks may grow over time due to stress and high temperatures. As a result, a Malfunction Indicator Lamp (MIL) may illuminate and fuel see
960	Due to extreme ultraviolet (UV) and high humidity climate conditions unique to Guam and Saipan, material of the inlet portion of the fuel tank may degrade, resulting in surface cracks. These cracks may grow over time due to stress and high temperatures. As a result, a Malfunction Indicator Lamp (MIL) may illuminate and fuel see
961	The affected part number 16197244138 relates to the Active Tank for SCR Reagent. BMW Diesel models X5 xDrive 35d are equipped with a SCR (Selective Catalyst Reduction) System to reduce NOx emissions. This SCR system contains a SCR active tank including a temperature sensor to control the heating strategy for the AdBlue (ammonia-water dilution) in the active tank. There are different reasons which cause the replacement of component active tank: i+ii) Leackages (inside and outside): Due to a not properly working gasket inside (leaking level sensor) and outside (fluid can diffuse beginning at the cable head), AdBlue can diffuse in the temperature sensor causing a sensor failure (e.g. short circuit) or a resistance failure. As a result a fault code is stored including MIL illumination since the heating strategy for the AdBlue in the SCR active tank is lost. An improved hardware was introduced in production beginning with 06/09 (inside leackages) and with 06/10 (outside leackages). iii) Pseudo-flaw: Due to testing of the heating (heating activation for about 15 seconds due to OBD monitoring reasons in the summer period), an interfering voltage affects the level sensor which results in the ¿misinterpretation¿ of a sensor failure (¿open load¿). As a result a fault code is stored including MIL illumination. The improved software was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2012 Diesel models X5 xDrive 35d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03). iv) No reason found for replacement: In all other cases the component active tank seems to be replaced without any reason (e.g. no fault code storage and no MIL illumination).
962	The affected part number 16197244138 relates to the Active Tank for SCR Reagent. BMW Diesel models X5 xDrive 35d are equipped with a SCR (Selective Catalyst Reduction) System to reduce NOx emissions. This SCR system contains a SCR active tank including a temperature sensor to control the heating strategy for the AdBlue (ammonia-water dilution) in the active tank. There are different reasons which cause the replacement of component active tank: i+ii) Leackages (inside and outside): Due to a not properly working gasket inside (leaking level sensor) and outside (fluid can diffuse beginning at the cable head), AdBlue can diffuse in the temperature sensor causing a sensor failure (e.g. short circuit) or a resistance failure. As a result a fault code is stored including MIL illumination since the heating strategy for the AdBlue in the SCR active tank is lost. An improved hardware was introduced in production beginning with 06/09 (inside leackages) and with 06/10 (outside leackages). iii) Pseudo-flaw: Due to testing of the heating (heating activation for about 15 seconds due to OBD monitoring reasons in the summer period), an interfering voltage affects the level sensor which results in the ¿misinterpretation¿ of a sensor failure (¿open load¿). As a result a fault code is stored including MIL illumination. The improved software was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2012 Diesel models X5 xDrive 35d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03). iv) No reason found for replacement: In all other cases the component active tank seems to be replaced without any reason (e.g. no fault code storage and no MIL illumination).
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966	General Motors has identified a potential defect on some Chevrolet Cruze diesel vehicles where soot may build up on the position 1 nitrogen oxide (NOx) sensor and/or the position 1 oxygen sensor. This results in a slow response of these sensors and a setting of the P22FA (position 1 NOx sensor) and/or P0133 (oxygen sensor) diagnostics. The driver is informed by the malfunction indicator light. Preliminary testing shows vehicles with this condition do not show an increase in tailpipe emissions. To address this problem, General Motors previously conducted voluntary emission recall 15594 to update the Engine Control Module (ECM) software/calibration to use the position 1 NOx sensor as the Lambda signal and to also replace the position 1 NOx sensor. General Motors suspended that recall on February 7, 2017 when it was identified that certain vehicles serviced with the recall set the P11DC (NOx sensor position 2) diagnostic. Under certain driving conditions the new ECM software/calibration did not correctly identify when the Lambda signal was stable.

	V
958	Toyota will send an owner notification by first class mail starting on September 11, 2017 to all affected customers in Guam, and in mid-October to all affected customers in Saipan. Further, Toyota dealers will replace the fuel tank. The remedy will be performed at NO COST to vehicle owners.
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961	i) Leakages (inside): An improved hardware (the seal/gasket was modified to have the ribs to the outside) was introduced in production beginning with 01/09. ii) Leakages (outside): An improved hardware (a shrinking hose with hotmelt ensureing that no water from the ambient can enter the internal area of the sensor) was introduced in production beginning with 06/10. iii) Pseudo-flaw: The improved software (Disabling the monitoring of the ¿open load¿ sensor diagnostic for 15 seconds during tank heater activation and deactivation) was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models during different service campaigns active in field. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
962	i) Leakages (inside): An improved hardware (the seal/gasket was modified to have the ribs to the outside) was introduced in production beginning with 01/09. ii) Leakages (outside): An improved hardware (a shrinking hose with hotmelt ensureing that no water from the ambient can enter the internal area of the sensor) was introduced in production beginning with 06/10. iii) Pseudo-flaw: The improved software (Disabling the monitoring of the ¿open load¿ sensor diagnostic for 15 seconds during tank heater activation and deactivation) was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models during different service campaigns active in field. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
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966	General Motors will conduct a new voluntary emission recall on these 2014-2015 Cruze diesel Vehicles with 2.0L diesel engines to update the Engine Control Module (ECM) software/calibration to use the position 1 NOx sensor as the Lambda signal along with improved stability detection of the Lambda signal. The position 1 NOx

	W
958	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in mid-August.
959	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in mid-August.
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961	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
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966	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own

	X
958	No special conditions are required for eligibility of repair under this H0J program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to
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961	Not applicable.
962	Not applicable.
963	Not applicable.
964	Not applicable.
965	Not applicable.
966	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.

	Y
958	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the inspection and/or repair in accordance with the published Toyota Campaign Procedure.
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961	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
962	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
963	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
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966	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names

	Z
958	The repair takes approximately two and a half hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
959	The repair takes approximately two and a half hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
960	The repair takes approximately two and a half hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
961	Not applicable.
962	Not applicable.
963	Not applicable.
964	Not applicable.
965	Not applicable.
966	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.

	AA
958	There is sufficient inventory of the replacement parts to accommodate this SSC.
959	There is sufficient inventory of the replacement parts to accommodate this SSC.
960	There is sufficient inventory of the replacement parts to accommodate this SSC.
961	New parts are provided to all authorized BMW centers via our service network.
962	New parts are provided to all authorized BMW centers via our service network.
963	New parts are provided to all authorized BMW centers via our service network.
964	New parts are provided to all authorized BMW centers via our service network.
965	New parts are provided to all authorized BMW centers via our service network.
966	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.

	AB
958	Other: Signed VERR letter
959	Other: Signed VERR letter
960	Other: Signed VERR letter
961	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
962	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
963	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
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965	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
966	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.

	AC	AD	AE
958	This repair will not affect fuel economy.		6685
959	This repair will not affect fuel economy.		6685
960	This repair will not affect fuel economy.		6685
961	This repair has no adverse impact on fuel economy.		6305
962	This repair has no adverse impact on fuel economy.		6305
963	This repair has no adverse impact on fuel economy.		6305
964	This repair has no adverse impact on fuel economy.		6305
965	This repair has no adverse impact on fuel economy.		6305
966	The proposed changes have no impact on fuel economy.		6306

	AF	AG	AH	AI
958		2	Y	Y
959		2	Y	Y
960		2	Y	Y
961		0	N	N
962		0	N	N
963		0	N	N
964		0	N	N
965		0	N	N
966		1	N	N

	AJ	AK	AL	AM
958	N	Y	283383	This repair will not affect driveability.
959	N	Y	283383	This repair will not affect driveability.
960	N	Y	283383	This repair will not affect driveability.
961	N	N	262370	This repair has no adverse impact on driveability.
962	N	N	262370	This repair has no adverse impact on driveability.
963	N	N	262370	This repair has no adverse impact on driveability.
964	N	N	262370	This repair has no adverse impact on driveability.
965	N	N	262370	This repair has no adverse impact on driveability.
966	N	N	262524	The proposed changes have no impact on drivability.

	AN	AO	AP	AQ	AR
958	Safety is not affected.	N	6430	0	1708
959	Safety is not affected.	N	6430	0	1708
960	Safety is not affected.	N	6430	0	1708
961	This repair has no adverse impact on safety.	N	6050	0	0132,0065,0051
962	This repair has no adverse impact on safety.	N	6050	0	0132,0065,0051
963	This repair has no adverse impact on safety.	N	6050	0	0132,0065,0051
964	This repair has no adverse impact on safety.	N	6050	0	0132,0065,0051
965	This repair has no adverse impact on safety.	N	6050	0	0132,0065,0051
966	The proposed changes have no impact safety.	N	6051	0	1290

	AS	AT	AU
958	Y		1
959	Y		1
960	Y		1
961	N		1
962	N		1
963	N		1
964	N		1
965	N		1
966	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
967	16157	5/17/2017	2014	GMX	1342	Light-Duty Vehicles and Trucks	12540	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
968	15976	3/1/2017	2011	BMX	16E-A04	Light-Duty Vehicles and Trucks	3850	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
969	16164	5/19/2017	2013	VPT	2016-6;Recall EC0017	Heavy-Duty Highway Gas and Diesel Engines	27462	N					Mr Carl B Beck	carl.beck@volvo.com	3017905492
970	16165	5/19/2017	2013	VPT	2016-6;Recall EC0017	Heavy-Duty Highway Gas and Diesel Engines	0	Y					Mr Carl B Beck	carl.beck@volvo.com	3017905492
971	16260	6/19/2017	2016	FMX	17E02	Light-Duty Vehicles and Trucks	3436	N					Mr Mike Gabbert	mgabbert@ford.com	3133237122
972	16260	6/19/2017	2017	FMX	17E02	Light-Duty Vehicles and Trucks	3436	N					Mr Mike Gabbert	mgabbert@ford.com	3133237122
973	16261	6/19/2017	2016	FMX	17E02	Light-Duty Vehicles and Trucks	3436	N					Mr Mike Gabbert	mgabbert@ford.com	3133237122
974	16261	6/19/2017	2017	FMX	17E02	Light-Duty Vehicles and Trucks	3436	N					Mr Mike Gabbert	mgabbert@ford.com	3133237122
975	16597	9/18/2017	2017	CRX	T50	Light-Duty Vehicles and Trucks	3001	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
976	16601	9/19/2017	2017	CRX	1734	Light-Duty Vehicles and Trucks	1338	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
977	16607	9/22/2017	2014	CEX	ADR 2017-01	Heavy-Duty Highway Gas and Diesel Engines	4582	N					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418
978	16607	9/22/2017	2013	CEX	ADR 2017-01	Heavy-Duty Highway Gas and Diesel Engines	4582	N					Mr Khamphet Munnicha	khamphet.munnicha@cummins.com	812-377-3418
979	16277	6/20/2017	2016	FMX	17E02	Light-Duty Vehicles and Trucks	3436	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
980	16277	6/20/2017	2017	FMX	17E02	Light-Duty Vehicles and Trucks	3436	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
981	16295	6/26/2017	2018	GMX	1343	Light-Duty Vehicles and Trucks	44	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
982	16457	8/2/2017	2008	TKX	1012	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
983	16457	8/2/2017	2007	TKX	1012	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093

	P	Q	R	S	T
967		Exhaust System	5/16/2017	2017	1342
968	Carlheinz.Bayer@bmwna.com	On-Board Diagnostic (OBD) System	2/21/2017	2017	1604
969		On-Board Diagnostic (OBD) System	3/24/2017	2017	2
970		On-Board Diagnostic (OBD) System	3/24/2017	2017	2
971		On-Board Diagnostic (OBD) System	2/22/2017	2017	1702
972		On-Board Diagnostic (OBD) System	2/22/2017	2017	1702
973		On-Board Diagnostic (OBD) System	5/30/2017	2017	1702
974		On-Board Diagnostic (OBD) System	5/30/2017	2017	1702
975	mark.finsterwald@fcagroup.com	On-Board Diagnostic (OBD) System	9/14/2017	2017	1750
976	dennis.rakicki@fcagroup.com	Hybrid Vehicle Component/System	9/14/2017	2017	1734
977	matthew.psota@cummins.com	Selective Catalytic Reduction System	9/30/2017	2017	12
978	matthew.psota@cummins.com	Selective Catalytic Reduction System	9/30/2017	2017	12
979		On-Board Diagnostic (OBD) System	5/30/2017	2017	1702
980		On-Board Diagnostic (OBD) System	5/30/2017	2017	1702
981		Emission Control Information Label	6/26/2017	2017	1343
982		Fuel Delivery Component	7/31/2017	2017	1012
983		Fuel Delivery Component	7/31/2017	2017	1012

	U
967	General Motors has identified a potential defect on some Chevrolet Cruze diesel vehicles where soot may build up on the position 1 nitrogen oxide (NOx) sensor and/or the position 1 oxygen sensor. This results in a slow response of these sensors and a setting of the P22FA (position 1 NOx sensor) and/or P0133 (oxygen sensor) diagnostics. The driver is informed by the malfunction indicator light. Preliminary testing shows vehicles with this condition do not show an increase in tailpipe emissions. To address this problem, General Motors previously conducted voluntary emission recall 15594 to update the Engine Control Module (ECM) software/calibration to use the position 1 NOx sensor as the Lambda signal and to also replace the position 1 NOx sensor. General Motors suspended that recall on February 7, 2017 when it was identified that certain vehicles serviced with the recall set the P11DC (NOx sensor position 2) diagnostic. Under certain driving conditions the new ECM software/calibration did not correctly identify when the Lambda signal was stable.
968	OBD requires all diagnosis for emission relevant components to be in a functional state. To indicate that functional state readiness bits have to be set. Due to a software bug in the ECM not all readiness bits have been calculated correct to proof a 100% readiness of OBD diagnosis functions. This malfunction has been now identifi
969	Certain OBD monitors, which include oil pressure plausibility (P0521), high fuel flow (P02CC, P02CE, P02D0, P02D2, P02D4, P02D6, P026C, P026D), EGR slow to respond (P240F), boost system (P0299, P0234, P226C), NOx sensor plausibility (P2080, P2084, P242B), Idle Control System Monitoring (P054E, P054F, P0506, P0507), Non-M
970	Certain OBD monitors, which include oil pressure plausibility (P0521), high fuel flow (P02CC, P02CE, P02D0, P02D2, P02D4, P02D6, P026C, P026D), EGR slow to respond (P240F), boost system (P0299, P0234, P226C), NOx sensor plausibility (P2080, P2084, P242B), Idle Control System Monitoring (P054E, P054F, P0506, P0507), Non-M
971	Some 2016 and 2017 MY 2.3L Focus RS gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range intake air temperature (IAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or assoc
972	Some 2016 and 2017 MY 2.3L Focus RS gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range intake air temperature (IAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or assoc
973	Some 2016 and 2017 MY 2.3L Focus RS gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range intake air temperature (IAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or assoc
974	Some 2016 and 2017 MY 2.3L Focus RS gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range intake air temperature (IAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or assoc
975	The instrument cluster on some 2017 MY Jeep Renegade vehicles, equipped with a 1.4L or 2.4L engine may have software which causes the illumination of multiple malfunction indicator lights (telltales) when no malfunction is detected, and when not conducting a bulb check. The instrument cluster may experience erratic instrument cluster gauge behavior when the fuel level gauge reaches the ¿low range¿. This defect will cause the gauge needles to bounce rapidly or display inaccurate driver information. Driving with illuminated telltale lights under these conditions may result in not being aware of whether there are actual malfunctions in various monitored systems. In addition, driving with a false telltale may mask a truly active telltale and result in compromised vehicle system performance potentially causing a vehicle crash without warning.
976	Some 2017 MY Chrysler Pacifica Plug-In Hybrid Electric Vehicles (¿PHEV¿) may have a Power Inverter Module (¿PIM¿) that experiences diode failure due to an over-voltage condition. PIM diode failure will cause the vehicle to lose motive power without warning. The vehicle will not power back on and the diode failure may be accor
977	Some MY2013 and MY2014 ISL9 Urban Buses may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust temperatures and can be fur
978	Some MY2013 and MY2014 ISL9 Urban Buses may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust temperatures and can be fur
979	Some 2016 and 2017 MY 2.3L Focus RS gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range intake air temperature (IAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or assoc
980	Some 2016 and 2017 MY 2.3L Focus RS gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range intake air temperature (IAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or assoc
981	Certain 2016 Cadillac CT6 vehicles equipped with 3.0L engines that were certified to meet California emission standard "ULEV125" were built with a Vehicle Emission Control Information Labels that incorrectly identified the applicable California emission standard as "ULEV Qualified".
982	In December 2016, Mazda reported the voluntary Emissions Recall 0516J, 2004-2008 RX-8 Fuel Leak at Fuel Pump Rings. This recall 1017E involves both a new concern and the concern of recall 0516J, by closing the recall 0516J when implemented. New concern: On the subject fuel pump module, due to insufficient durability performance of the fuel pump pipe, the strength of the fuel pump pipe may deteriorate by the heat from the engine and exhaust pipe. Therefore, continuous use may lead to eventual cracking of the fuel pump pipe and subsequent fuel leakage.
983	In December 2016, Mazda reported the voluntary Emissions Recall 0516J, 2004-2008 RX-8 Fuel Leak at Fuel Pump Rings. This recall 1017E involves both a new concern and the concern of recall 0516J, by closing the recall 0516J when implemented. New concern: On the subject fuel pump module, due to insufficient durability performance of the fuel pump pipe, the strength of the fuel pump pipe may deteriorate by the heat from the engine and exhaust pipe. Therefore, continuous use may lead to eventual cracking of the fuel pump pipe and subsequent fuel leakage.

	V
967	General Motors will conduct a new voluntary emission recall on these 2014-2015 Cruze diesel Vehicles with 2.0L diesel engines to update the Engine Control Module (ECM) software/calibration to use the position 1 NOx sensor as the Lambda signal along with improved stability detection of the Lambda signal. The position 1 NOx
968	BMW has decided to conduct an emission recall to flash a modified software without the described malfunctions on all affected Z4 models.
969	This issue will be addressed by reprogramming the engine control module (¿ECM¿) to adjust the parameters for the OBD monitors listed above. The noted recalibrations are designed to ensure detection of malfunctions as required by the regulation.
970	This issue will be addressed by reprogramming the engine control module (¿ECM¿) to adjust the parameters for the OBD monitors listed above. The noted recalibrations are designed to ensure detection of malfunctions as required by the regulation.
971	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
972	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
973	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
974	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
975	FCA US will perform an emissions-related voluntary safety recall (T50) on affected vehicles to update the Instrument Panel Cluster Module software to minimize the occurrence of this issue.
976	FCA US will perform an emissions-related voluntary safety recall (T34) on affected vehicles to update the On-Board Diagnostic system, and to reflash new software into the Powertrain Control Module (¿PCM¿), the Battery Pack Control module (¿BPCM ¿), and the PIM, to minimize the occurrence of this issue. In a small number of ve
977	Cummins has identified a new SCR formulation (¿3136¿) which is more resistant to the deactivation mechanism described above. Cummins Inc. (¿Cummins¿) will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
978	Cummins has identified a new SCR formulation (¿3136¿) which is more resistant to the deactivation mechanism described above. Cummins Inc. (¿Cummins¿) will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
979	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
980	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
981	General Motors will conduct a Voluntary Emission Recall to install a corrected Vehicle Emission Control Information label on affected vehicles.
982	Mazda plans to conduct a safety/emissions recall campaign in end of July, 2017. The purpose of the recall 1017E is to address the concern of recall 0516J and the Fuel Leak at the fuel pump pipe. The repairs of recall 0516J and 1017E will be performed at the same time. Mazda dealer will replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank to address the concern of recall 0516J and replace the fuel filter kit with an improved one to address the concern of recall 1017E. Certain vehicles that have the repair of recall 0516J already completed, will have the repair of the fuel pump filter kit only. The repair will be performed free of charge to vehicle owners.
983	Mazda plans to conduct a safety/emissions recall campaign in end of July, 2017. The purpose of the recall 1017E is to address the concern of recall 0516J and the Fuel Leak at the fuel pump pipe. The repairs of recall 0516J and 1017E will be performed at the same time. Mazda dealer will replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank to address the concern of recall 0516J and replace the fuel filter kit with an improved one to address the concern of recall 1017E. Certain vehicles that have the repair of recall 0516J already completed, will have the repair of the fuel pump filter kit only. The repair will be performed free of charge to vehicle owners.

	W
967	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
968	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
969	Vehicle warranty registration information and/or state vehicle registration records will be used to identify the names and addresses of vehicle owners. The owners will be notified by first class mail on March 24, 2017. The owner notification letter (enclosure 1, truck, and enclosure 4, bus) will inform owners that repairs will be available by June 30, 2017.
970	Vehicle warranty registration information and/or state vehicle registration records will be used to identify the names and addresses of vehicle owners. The owners will be notified by first class mail on March 24, 2017. The owner notification letter (enclosure 1, truck, and enclosure 4, bus) will inform owners that repairs will be available by June 30, 2017.
971	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
972	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
973	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
974	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
975	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
976	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
977	In conducting the recall, Cummins will use internal product registration, warranty service and sales records to identify the owners of the affected vehicles.
978	In conducting the recall, Cummins will use internal product registration, warranty service and sales records to identify the owners of the affected vehicles.
979	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
980	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
981	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
982	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
983	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.

	X
967	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
968	Not applicable.
969	All of the affected engines will be addressed according to this plan.
970	All of the affected engines will be addressed according to this plan.
971	Eligibility for this program is not conditioned upon proper maintenance or use.
972	Eligibility for this program is not conditioned upon proper maintenance or use.
973	Eligibility for this program is not conditioned upon proper maintenance or use.
974	Eligibility for this program is not conditioned upon proper maintenance or use.
975	None.
976	None.
977	No preconditions apply
978	No preconditions apply
979	Eligibility for this program is not conditioned upon proper maintenance or use.
980	Eligibility for this program is not conditioned upon proper maintenance or use.
981	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
982	There will be no restrictions on eligibility.
983	There will be no restrictions on eligibility.

	Y
967	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
968	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
969	The repair will require reprogramming the Engine Control Module (ECM) with new parameters for the monitors identified. The recall repair for Mack and Volvo Truck will be available at dealers and authorized service providers by July 31, 2017. The recall repair for Prevost and Volvo Bus will be available at Prevost Service Centers, authorized service providers, or service managers by July 31, 2017.
970	The repair will require reprogramming the Engine Control Module (ECM) with new parameters for the monitors identified. The recall repair for Mack and Volvo Truck will be available at dealers and authorized service providers by July 31, 2017. The recall repair for Prevost and Volvo Bus will be available at Prevost Service Centers, authorized service providers, or service managers by July 31, 2017.
971	See Owner Notification Letter.
972	See Owner Notification Letter.
973	See Owner Notification Letter.
974	See Owner Notification Letter.
975	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
976	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
977	The owners will be directed to contact a Cummins certified service locations after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 2 to 4 hours .
978	The owners will be directed to contact a Cummins certified service locations after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 2 to 4 hours .
979	See Owner Notification Letter.
980	See Owner Notification Letter.
981	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
982	As all Mazda dealers were provided with instructions for repair prior to sending the owner notification letter scheduled on July 31, 2017, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
983	As all Mazda dealers were provided with instructions for repair prior to sending the owner notification letter scheduled on July 31, 2017, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.

	Z
967	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
968	Not applicable.
969	Only dealers and authorized agents will perform the required repairs.
970	Only dealers and authorized agents will perform the required repairs.
971	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
972	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
973	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
974	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
975	None.
976	None.
977	The repair may be performed at any authorized Cummins OEM/dealer/repair location.
978	The repair may be performed at any authorized Cummins OEM/dealer/repair location.
979	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
980	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
981	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
982	Repair work will be performed only by authorized Mazda dealers.
983	Repair work will be performed only by authorized Mazda dealers.

	AA
967	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
968	The software update is provided to all authorized BMW centers via our service network.
969	Parts are not required. The repair requires programming only, which will be available at all dealers and authorized service providers.
970	Parts are not required. The repair requires programming only, which will be available at all dealers and authorized service providers.
971	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
972	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
973	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
974	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
975	FCA US will supply all dealers with the updated calibration and software required to reprogram the Instrument Panel Cluster Module.
976	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM.
977	Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall. Cummins will supply all of its service locations with the required parts to complete the repair.
978	Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall. Cummins will supply all of its service locations with the required parts to complete the repair.
979	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
980	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
981	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
982	The necessary modified parts for repair are available at any authorized Mazda dealers.
983	The necessary modified parts for repair are available at any authorized Mazda dealers.

	AB
967	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
968	
969	Voluntary Recall Report, EDIR 2016-6; Recall EC0017 letter contains additional information, recall label location, Proof of Correction form May 19, 2017 Correction of Engine Family identified and recall/repair date availability.
970	Voluntary Recall Report, EDIR 2016-6; Recall EC0017 letter contains additional information, recall label location, Proof of Correction form May 19, 2017 Correction of Engine Family identified and recall/repair date availability.
971	
972	
973	
974	
975	Actual Number Identified and Affected reflect the number of vehicles in campaign T50.
976	
977	Cummins Campaign C1941 and Customer lists.
978	Cummins Campaign C1941 and Customer lists.
979	
980	
981	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
982	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿9999¿ is mentioned as the EDIR number.
983	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿9999¿ is mentioned as the EDIR number.

	AC	AD	AE
967	The proposed changes have no impact on fuel economy.		6306
968	This repair has no adverse impact on fuel economy.		6125
969	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.		6308
970	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.		6309
971	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6365
972	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6365
973	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6366
974	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6366
975	None.		6665
976	None.		6666
977	None		6667
978	None		6667
979	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6385
980	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6385
981	The proposed changes have no impact on fuel economy.		6389
982	There is no impact on fuel economy.		6546
983	There is no impact on fuel economy.		6546

	AF	AG	AH	AI
967		1	N	N
968		0	N	N
969		5	Y	Y
970		5	Y	Y
971		3	Y	Y
972		3	Y	Y
973	The owner notification start date in version 00 was incorrect. The correct date is shown in this version.	3	Y	Y
974	The owner notification start date in version 00 was incorrect. The correct date is shown in this version.	3	Y	Y
975		2	Y	N
976		2	Y	N
977		3	Y	N
978		3	Y	N
979	The 2016 MY test group name in versions 00 and 01 was incorrect. The correct test group is shown in this version.	3	Y	Y
980	The 2016 MY test group name in versions 00 and 01 was incorrect. The correct test group is shown in this version.	3	Y	Y
981		1	N	N
982		7	Y	Y
983		7	Y	Y

	AJ	AK	AL	AM
967	N	N	262524	The proposed changes have no impact on drivability.
968	N	N	253378	This repair has no adverse impact on driveability.
969	N	Y	262955	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.
970	N	Y	262956	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.
971	N	N	266453	Ford engineering judgment indicates that the corrective action should not affect drivability.
972	N	N	266453	Ford engineering judgment indicates that the corrective action should not affect drivability.
973	N	N	266462	Ford engineering judgment indicates that the corrective action should not affect drivability.
974	N	N	266462	Ford engineering judgment indicates that the corrective action should not affect drivability.
975	N	N	281369	None.
976	N	N	281617	None.
977	N	Y	282276	None
978	N	Y	282276	None
979	N	N	266548	Ford engineering judgment indicates that the corrective action should not affect drivability.
980	N	N	266548	Ford engineering judgment indicates that the corrective action should not affect drivability.
981	N	N	267530	The proposed changes have no impact on drivability.
982	Y	N	273259	There is no impact on driveability.
983	Y	N	273259	There is no impact on driveability.

	AN	AO	AP	AQ	AR
967	The proposed changes have no impact safety.	N	6051	0	1290
968	This repair has no adverse impact on safety.	N	5851	1	0127
969	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.	N	6053	1	0038
970	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.	N	6054	1	0038
971	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6110	0	1705
972	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6110	0	1705
973	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6111	1	1705
974	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6111	1	1705
975	None.	N	6410	0	1713
976	None.	N	6411	0	1712
977	None	N	6412	0	0054
978	None	N	6412	0	0054
979	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6130	2	1705
980	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6130	2	1705
981	The proposed changes have no impact safety.	Y	6150	0	1343
982	The proposed changes are able to eliminate a risk to safety, which is fuel leakage due to insufficient durability performance of the fuel pump ring and fuel pump pipe.	N	6291	0	9999
983	The proposed changes are able to eliminate a risk to safety, which is fuel leakage due to insufficient durability performance of the fuel pump ring and fuel pump pipe.	N	6291	0	9999

	AS	AT	AU
967	Y		1
968	N		1
969	Y		1
970	Y		1
971	Y		1
972	Y		1
973	Y		1
974	Y		1
975	Y	9/15/2017	1
976	Y	9/15/2017	1
977	N	9/30/2019	1
978	N	9/30/2019	1
979	Y		1
980	Y		1
981	N		1
982	Y		1
983	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
984	16457	8/2/2017	2006	TKX	1012	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
985	16457	8/2/2017	2005	TKX	1012	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
986	16457	8/2/2017	2004	TKX	1012	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093
987	16462	8/4/2017	2014	VWX	VW-0020	Light-Duty Vehicles and Trucks	91439	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
988	16462	8/4/2017	2013	VWX	VW-0020	Light-Duty Vehicles and Trucks	91439	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
989	16462	8/4/2017	2012	VWX	VW-0020	Light-Duty Vehicles and Trucks	91439	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
990	16502	8/15/2017	2018	TYX	TOYOTA-VERR-20170815	Light-Duty Vehicles and Trucks	5200	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
991	16310	6/30/2017	2011	BMX	16E-W05	Light-Duty Vehicles and Trucks	9061	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
992	16310	6/30/2017	2010	BMX	16E-W05	Light-Duty Vehicles and Trucks	9061	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195

	P	Q	R	S	T
984		Fuel Delivery Component	7/31/2017	2017	1012
985		Fuel Delivery Component	7/31/2017	2017	1012
986		Fuel Delivery Component	7/31/2017	2017	1012
987	N/A	Electrical, Mechanical and Cooling Systems	8/1/2017	2017	20
988	N/A	Electrical, Mechanical and Cooling Systems	8/1/2017	2017	20
989	N/A	Electrical, Mechanical and Cooling Systems	8/1/2017	2017	20
990	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Emission Control Information Label	7/31/2017	2017	1707
991	Maria.V.Nizhegorodova@bmwnaext.com	Selective Catalytic Reduction System	5/26/2017	2017	9
992	Maria.V.Nizhegorodova@bmwnaext.com	Selective Catalytic Reduction System	5/26/2017	2017	9

	U
984	In December 2016, Mazda reported the voluntary Emissions Recall 0516J, 2004-2008 RX-8 Fuel Leak at Fuel Pump Rings. This recall 1017E involves both a new concern and the concern of recall 0516J, by closing the recall 0516J when implemented. New concern: On the subject fuel pump module, due to insufficient durability performance of the fuel pump pipe, the strength of the fuel pump pipe may deteriorate by the heat from the engine and exhaust pipe. Therefore, continuous use may lead to eventual cracking of the fuel pump pipe and subsequent fuel leakage.
985	In December 2016, Mazda reported the voluntary Emissions Recall 0516J, 2004-2008 RX-8 Fuel Leak at Fuel Pump Rings. This recall 1017E involves both a new concern and the concern of recall 0516J, by closing the recall 0516J when implemented. New concern: On the subject fuel pump module, due to insufficient durability performance of the fuel pump pipe, the strength of the fuel pump pipe may deteriorate by the heat from the engine and exhaust pipe. Therefore, continuous use may lead to eventual cracking of the fuel pump pipe and subsequent fuel leakage.
986	In December 2016, Mazda reported the voluntary Emissions Recall 0516J, 2004-2008 RX-8 Fuel Leak at Fuel Pump Rings. This recall 1017E involves both a new concern and the concern of recall 0516J, by closing the recall 0516J when implemented. New concern: On the subject fuel pump module, due to insufficient durability performance of the fuel pump pipe, the strength of the fuel pump pipe may deteriorate by the heat from the engine and exhaust pipe. Therefore, continuous use may lead to eventual cracking of the fuel pump pipe and subsequent fuel leakage.
987	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur excess warm air could enter the air intake through the snow flap inlet. The front oxygen sensor will be checked and evaluated during service and be pro-actively replaced should the measured degradation tolerances be met. Part numbers involved: Replacement Part Numbers: 3C0 129 594 A (Snow Flap) and 03L 906 262 B (O2 Sensor)
988	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur excess warm air could enter the air intake through the snow flap inlet. The front oxygen sensor will be checked and evaluated during service and be pro-actively replaced should the measured degradation tolerances be met. Part numbers involved: Replacement Part Numbers: 3C0 129 594 A (Snow Flap) and 03L 906 262 B (O2 Sensor)
989	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur excess warm air could enter the air intake through the snow flap inlet. The front oxygen sensor will be checked and evaluated during service and be pro-actively replaced should the measured degradation tolerances be met. Part numbers involved: Replacement Part Numbers: 3C0 129 594 A (Snow Flap) and 03L 906 262 B (O2 Sensor)
990	Toyota discovered a clerical error in our 2018MY Cert documents for the Toyota C-HR related to Canister Working Capacity (WC). The error originated in our internal identification/recording of the vehicle¿s Canister WC, and the error has manifested itself in the incorrect naming of the vehicle¿s Evap Family on the Vehicle Emission
991	The affected part number 16197204623 relates to the Tank for SCR Reagent. BMW Diesel models 335d are equipped with a SCR (Selective Catalyst Reduction) System to reduce NOx emissions. This SCR system contains a SCR active tank including a temperature sensor to control the heating strategy for the AdBlue (ammonia-water dilution) in the active tank. There are different reasons which cause the replacement of component active tank: i+ii) Leackages (inside and outside): Due to a not properly working gasket inside (leaking level sensor) and outside (fluid can diffuse beginning at the cable head), AdBlue can diffuse in the temperature sensor causing a sensor failure (e.g. short circuit) or a resistance failure. As a result a fault code is stored including MIL illumination since the heating strategy for the AdBlue in the SCR active tank is lost. An improved hardware was introduced in production beginning with 01/09 (inside leackages) and 06/10 (outside leackages). iii) Pseudo-flaw: Due to testing of the heating (heating activation for about 15 seconds due to OBD monitoring reasons in the summer period), an interfering voltage affects the level sensor which results in the ¿misinterpretation¿ of a sensor failure (¿open load¿). As a result a fault code is stored including MIL illumination. The improved software was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models 335d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03). iv) No reason found for replacement: In all other cases the component active tank seems to be replaced without any reason (e.g. no fault code storage and no MIL illumination).
992	The affected part number 16197204623 relates to the Tank for SCR Reagent. BMW Diesel models 335d are equipped with a SCR (Selective Catalyst Reduction) System to reduce NOx emissions. This SCR system contains a SCR active tank including a temperature sensor to control the heating strategy for the AdBlue (ammonia-water dilution) in the active tank. There are different reasons which cause the replacement of component active tank: i+ii) Leackages (inside and outside): Due to a not properly working gasket inside (leaking level sensor) and outside (fluid can diffuse beginning at the cable head), AdBlue can diffuse in the temperature sensor causing a sensor failure (e.g. short circuit) or a resistance failure. As a result a fault code is stored including MIL illumination since the heating strategy for the AdBlue in the SCR active tank is lost. An improved hardware was introduced in production beginning with 01/09 (inside leackages) and 06/10 (outside leackages). iii) Pseudo-flaw: Due to testing of the heating (heating activation for about 15 seconds due to OBD monitoring reasons in the summer period), an interfering voltage affects the level sensor which results in the ¿misinterpretation¿ of a sensor failure (¿open load¿). As a result a fault code is stored including MIL illumination. The improved software was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models 335d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03). iv) No reason found for replacement: In all other cases the component active tank seems to be replaced without any reason (e.g. no fault code storage and no MIL illumination).

	V
984	Mazda plans to conduct a safety/emissions recall campaign in end of July, 2017. The purpose of the recall 1017E is to address the concern of recall 0516J and the Fuel Leak at the fuel pump pipe. The repairs of recall 0516J and 1017E will be performed at the same time. Mazda dealer will replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank to address the concern of recall 0516J and replace the fuel filter kit with an improved one to address the concern of recall 1017E. Certain vehicles that have the repair of recall 0516J already completed, will have the repair of the fuel pump filter kit only. The repair will be performed free of charge to vehicle owners.
985	Mazda plans to conduct a safety/emissions recall campaign in end of July, 2017. The purpose of the recall 1017E is to address the concern of recall 0516J and the Fuel Leak at the fuel pump pipe. The repairs of recall 0516J and 1017E will be performed at the same time. Mazda dealer will replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank to address the concern of recall 0516J and replace the fuel filter kit with an improved one to address the concern of recall 1017E. Certain vehicles that have the repair of recall 0516J already completed, will have the repair of the fuel pump filter kit only. The repair will be performed free of charge to vehicle owners.
986	Mazda plans to conduct a safety/emissions recall campaign in end of July, 2017. The purpose of the recall 1017E is to address the concern of recall 0516J and the Fuel Leak at the fuel pump pipe. The repairs of recall 0516J and 1017E will be performed at the same time. Mazda dealer will replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank to address the concern of recall 0516J and replace the fuel filter kit with an improved one to address the concern of recall 1017E. Certain vehicles that have the repair of recall 0516J already completed, will have the repair of the fuel pump filter kit only. The repair will be performed free of charge to vehicle owners.
987	Volkswagen Group of America, Inc. has initiated an Emissions Service Action with Customer Notification (24CX) to install a replacement Snow Flap and if necessary Oxygen Sensor on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
988	Volkswagen Group of America, Inc. has initiated an Emissions Service Action with Customer Notification (24CX) to install a replacement Snow Flap and if necessary Oxygen Sensor on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
989	Volkswagen Group of America, Inc. has initiated an Emissions Service Action with Customer Notification (24CX) to install a replacement Snow Flap and if necessary Oxygen Sensor on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
990	All known owners of affected vehicles will be notified via first class mail that there is a Voluntary Emissions Recall for the VECI label.
991	i) Corrective measure: An improved hardware (the seal/gasket was modified to have the ribs to the outside) was introduced in production beginning with 01/09. Internal leakage leading to the resistance failure: The seal between the electrical hose and the overmold was changed to reduce the force on the hose which led to deformation and leakage. ii) Corrective measure: An improved hardware (a shrinking hose with hotmelt ensureing that no water from the ambient can enter the internal area of the sensor) was introduced in production beginning with 06/10. For the external leakage: a shrinking hose with hotmelt introduced to ensure that no water from the ambient can enter the internal area of the sensor. iii) Corrective measure: The improved software (Disabling the monitoring of the ¿open load¿ sensor diagnostic for 15 seconds during tank heater activation and deactivation) was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models 335d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03).
992	i) Corrective measure: An improved hardware (the seal/gasket was modified to have the ribs to the outside) was introduced in production beginning with 01/09. Internal leakage leading to the resistance failure: The seal between the electrical hose and the overmold was changed to reduce the force on the hose which led to deformation and leakage. ii) Corrective measure: An improved hardware (a shrinking hose with hotmelt ensureing that no water from the ambient can enter the internal area of the sensor) was introduced in production beginning with 06/10. For the external leakage: a shrinking hose with hotmelt introduced to ensure that no water from the ambient can enter the internal area of the sensor. iii) Corrective measure: The improved software (Disabling the monitoring of the ¿open load¿ sensor diagnostic for 15 seconds during tank heater activation and deactivation) was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models 335d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03).

	W
984	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
985	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
986	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
987	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer names and address information.
988	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer names and address information.
989	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer names and address information.
990	Toyota uses owner lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales information to notify owners of affected vehicles.
991	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
992	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.

	X
984	There will be no restrictions on eligibility.
985	There will be no restrictions on eligibility.
986	There will be no restrictions on eligibility.
987	There are no maintenance or eligibility requirements.
988	There are no maintenance or eligibility requirements.
989	There are no maintenance or eligibility requirements.
990	No special conditions are required for eligibility of repair under this VERR.
991	Not applicable.
992	Not applicable.

	Y
984	As all Mazda dealers were provided with instructions for repair prior to sending the owner notification letter scheduled on July 31, 2017, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
985	As all Mazda dealers were provided with instructions for repair prior to sending the owner notification letter scheduled on July 31, 2017, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
986	As all Mazda dealers were provided with instructions for repair prior to sending the owner notification letter scheduled on July 31, 2017, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
987	Affected authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (August XX 2017) Affected owners will be mailed a notification of this program on or about (August XX 2017). Enclosed are examples of Warranty Circulars and Customer Letters.
988	Affected authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (August XX 2017) Affected owners will be mailed a notification of this program on or about (August XX 2017). Enclosed are examples of Warranty Circulars and Customer Letters.
989	Affected authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (August XX 2017) Affected owners will be mailed a notification of this program on or about (August XX 2017). Enclosed are examples of Warranty Circulars and Customer Letters.
990	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
991	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer (see attached draft customer letters).
992	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer (see attached draft customer letters).

	Z
984	Repair work will be performed only by authorized Mazda dealers.
985	Repair work will be performed only by authorized Mazda dealers.
986	Repair work will be performed only by authorized Mazda dealers.
987	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
988	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
989	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
990	The repair will be performed at Toyota dealerships only, and will take approximately 30 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
991	Not applicable.
992	Not applicable.

	AA
984	The necessary modified parts for repair are available at any authorized Mazda dealers.
985	The necessary modified parts for repair are available at any authorized Mazda dealers.
986	The necessary modified parts for repair are available at any authorized Mazda dealers.
987	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
988	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
989	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
990	There is sufficient inventory ofthe replacement parts to accommodate this recall.
991	New parts are provided to all authorized BMW centers via our service network.
992	New parts are provided to all authorized BMW centers via our service network.

	AB
984	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿9999¿ is mentioned as the EDIR number.
985	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿9999¿ is mentioned as the EDIR number.
986	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿9999¿ is mentioned as the EDIR number.
987	Forwarding letter - CBI
988	Forwarding letter - CBI
989	Forwarding letter - CBI
990	Other: Signed VERR letter
991	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
992	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.

	AC	AD	AE
984	There is no impact on fuel economy.		6546
985	There is no impact on fuel economy.		6546
986	There is no impact on fuel economy.		6546
987	Not applicable		6565
988	Not applicable		6565
989	Not applicable		6565
990	This repair will not affect fuel economy.		6587
991	This repair has no adverse impact on fuel economy.		6405
992	This repair has no adverse impact on fuel economy.		6405

	AF	AG	AH	AI
984		7	Y	Y
985		7	Y	Y
986		7	Y	Y
987		3	Y	N
988		3	Y	N
989		3	Y	N
990		2	Y	N
991		0	N	N
992		0	N	N

	AJ	AK	AL	AM
984	Y	N	273259	There is no impact on driveability.
985	Y	N	273259	There is no impact on driveability.
986	Y	N	273259	There is no impact on driveability.
987	N	Y	273671	Not applicable
988	N	Y	273671	Not applicable
989	N	Y	273671	Not applicable
990	N	Y	275747	This repair will not affect driveability.
991	N	N	268481	This repair has no adverse impact on driveability.
992	N	N	268481	This repair has no adverse impact on driveability.

	AN	AO	AP	AQ	AR
984	The proposed changes are able to eliminate a risk to safety, which is fuel leakage due to insufficient durability performance of the fuel pump ring and fuel pump pipe.	N	6291	0	9999
985	The proposed changes are able to eliminate a risk to safety, which is fuel leakage due to insufficient durability performance of the fuel pump ring and fuel pump pipe.	N	6291	0	9999
986	The proposed changes are able to eliminate a risk to safety, which is fuel leakage due to insufficient durability performance of the fuel pump ring and fuel pump pipe.	N	6291	0	9999
987	Not applicable	N	6310	0	9999
988	Not applicable	N	6310	0	9999
989	Not applicable	N	6310	0	9999
990	This repair will not affect safety.	Y	6332	0	1704
991	This repair has no adverse impact on safety.	N	6170	0	0148
992	This repair has no adverse impact on safety.	N	6170	0	0148

	AS	AT	AU
984	Y		1
985	Y		1
986	Y		1
987	Y	8/31/2017	1
988	Y	8/31/2017	1
989	Y	8/31/2017	1
990	Y		1
991	N		1
992	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
993	16310	6/30/2017	2009	BMX	16E-W05	Light-Duty Vehicles and Trucks	9061	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
994	16311	6/30/2017	2014	BMX	16E-W10	Light-Duty Vehicles and Trucks	653614	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
995	15806	1/11/2017	2017	FMX	16S39	Heavy-Duty Highway Gas and Diesel Engines	167	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
996	15827	1/20/2017	2017	CRX	S90	Light-Duty Vehicles and Trucks	358	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
997	15922	2/10/2017	2016	CRX	S89	Light-Duty Vehicles and Trucks	43032	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
998	16312	6/30/2017	2013	BMX	16E-W09	Light-Duty Vehicles and Trucks	1656	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
999	16313	6/30/2017	2011	BMX	17E-W04	Light-Duty Vehicles and Trucks	38640	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1000	16313	6/30/2017	2010	BMX	17E-W04	Light-Duty Vehicles and Trucks	38640	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1001	16313	6/30/2017	2009	BMX	17E-W04	Light-Duty Vehicles and Trucks	38640	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1002	16313	6/30/2017	2013	BMX	17E-W04	Light-Duty Vehicles and Trucks	38640	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1003	16313	6/30/2017	2012	BMX	17E-W04	Light-Duty Vehicles and Trucks	38640	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1004	16314	6/30/2017	2012	BMX	16E-W08	Light-Duty Vehicles and Trucks	1124	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1005	15927	2/10/2017	2016	VPT	2016-1; Recall EC015	Heavy-Duty Highway Gas and Diesel Engines	165	N					Mr Stephen M Knipe	stephen.knipe@volvo.com	1-301-790-6765

	P	Q	R	S	T
993	Maria.V.Nizhegorodova@bmwnaext.com	Selective Catalytic Reduction System	5/26/2017	2017	9
994	Maria.V.Nizhegorodova@bmwnaext.com	Crankcase Ventilation Component/System	5/26/2017	2017	10
995		Fuel Tank Component	11/11/2015	2015	1639
996	dennis.rakicki@fcagroup.com	Fuel Tank Component	1/12/2017	2017	1690
997	dennis.rakicki@fcagroup.com	Computer Related (Other than OBD)	2/8/2017	2017	1689
998	Maria.V.Nizhegorodova@bmwnaext.com	Hybrid Vehicle Component/System	6/23/2017	2017	12
999	Maria.V.Nizhegorodova@bmwnaext.com	NOx Sensor	6/23/2017	2017	13
1000	Maria.V.Nizhegorodova@bmwnaext.com	NOx Sensor	6/23/2017	2017	13
1001	Maria.V.Nizhegorodova@bmwnaext.com	NOx Sensor	6/23/2017	2017	13
1002	Maria.V.Nizhegorodova@bmwnaext.com	NOx Sensor	6/23/2017	2017	13
1003	Maria.V.Nizhegorodova@bmwnaext.com	NOx Sensor	6/23/2017	2017	13
1004	Maria.V.Nizhegorodova@bmwnaext.com	Fuel Delivery System	6/23/2017	2017	15
1005		On-Board Diagnostic (OBD) System	3/24/2017	2017	1

	U
993	The affected part number 16197204623 relates to the Tank for SCR Reagent. BMW Diesel models 335d are equipped with a SCR (Selective Catalyst Reduction) System to reduce NOx emissions. This SCR system contains a SCR active tank including a temperature sensor to control the heating strategy for the AdBlue (ammonia-water dilution) in the active tank. There are different reasons which cause the replacement of component active tank: i+ii) Leackages (inside and outside): Due to a not properly working gasket inside (leaking level sensor) and outside (fluid can diffuse beginning at the cable head), AdBlue can diffuse in the temperature sensor causing a sensor failure (e.g. short circuit) or a resistance failure. As a result a fault code is stored including MIL illumination since the heating strategy for the AdBlue in the SCR active tank is lost. An improved hardware was introduced in production beginning with 01/09 (inside leackages) and 06/10 (outside leackages). iii) Pseudo-flaw: Due to testing of the heating (heating activation for about 15 seconds due to OBD monitoring reasons in the summer period), an interfering voltage affects the level sensor which results in the ¿misinterpretation¿ of a sensor failure (¿open load¿). As a result a fault code is stored including MIL illumination. The improved software was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models 335d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03). iv) No reason found for replacement: In all other cases the component active tank seems to be replaced without any reason (e.g. no fault code storage and no MIL illumination).
994	The affected part number 16137333302 relates to the component Leak Diagnostic Module, which is used in production and as replacement part beginning with 06/2014 in case the original built part number 16137315813 for component Leak Diagnostic Module is malfunctioning. In FIR 0E-3.0-1 BMW has already reported the same component but with different component number as part number 16137333301 is only used in a certain product line including 5 series and X3 models. All other models within this test group were equipped with part number 16137333302. The Leak Diagnostic Module with part number 16137333302 is used to monitor the evaporative emissions system/tank system for leakages. Inside the diagnostic module a pappet valve with a lip seal is used to seal the evaporative system form-closed from environment. Analyses have shown that the component was replaced due to the following reason: Lowest sediments (from environment) could cause a leak at the sealing area. As a result, in about 100% of all cases a fault code could be stored including MIL illumination.
995	Some 2017 MY 6.7L F-Series Super Duty Diesel incomplete vehicles were built with a fuel conditioning module protective foam shield that may become dislodged by water spray, leaving the fuel drain plug unprotected and susceptible to unintended opening. This could lead to air ingress into the fuel system or a fuel leak.
996	Some 2017 MY Jeep Wrangler vehicles may have been built with an incorrectly-assembled fuel tank, which, if so, have a cracked or broken control valve as a result of loose tooling on one of the two parallel fuel tank welding lines at FCA¿s supplier¿s manufacturing plant, causing some percentage of the parts produced to impact a
997	Some 2016 MY Dodge Journey equipped with a 2.4L engine and 2016 MY Jeep® Patriot and Jeep® Compass vehicles equipped with a 2.0L or 2.4L engine may experience a Malfunction Indicator Lamp ("MIL") illumination, vehicle no start, or engine stalling while driving due to a spread terminal in the crankshaft or camshaft sensor
998	The component with part number 34336857404 relates to the vacuum pump. It has been used since 03/2013 in production and as replacement part in service, in case originally build component with part number 34336797749 has been malfunctioning. Analysis have shown that in 100% of all cases the vacuum pump has been replaced because of a broken rotor that disabled the component function. This malfunction prevents electrical driving and is detected by the control module through current measurements firing the MIL and storing a fault code. The reason for the malfunction has been identified in the used calibration oil, the rotor material and the prodcution process of the component and has been solved in two steps. First step took effect in 09/12 with improved production process and usage of different oil. The second step took effect in 03/13 with introduction of more robust rotor elements.
999	The affected part numbers 13628511665, 13628576470, 13628576471 and 13628576469 all relate to the component NOx sensor (either upstream or downstream SCR catalyst sensors). These components have been used in production of the above listed test groups within model years 2012 and 2013, covering the period of 10/
1000	The affected part numbers 13628511665, 13628576470, 13628576471 and 13628576469 all relate to the component NOx sensor (either upstream or downstream SCR catalyst sensors). These components have been used in production of the above listed test groups within model years 2012 and 2013, covering the period of 10/
1001	The affected part numbers 13628511665, 13628576470, 13628576471 and 13628576469 all relate to the component NOx sensor (either upstream or downstream SCR catalyst sensors). These components have been used in production of the above listed test groups within model years 2012 and 2013, covering the period of 10/
1002	The affected part numbers 13628511665, 13628576470, 13628576471 and 13628576469 all relate to the component NOx sensor (either upstream or downstream SCR catalyst sensors). These components have been used in production of the above listed test groups within model years 2012 and 2013, covering the period of 10/
1003	The affected part numbers 13628511665, 13628576470, 13628576471 and 13628576469 all relate to the component NOx sensor (either upstream or downstream SCR catalyst sensors). These components have been used in production of the above listed test groups within model years 2012 and 2013, covering the period of 10/
1004	The affected part number 13517595339 relates to the High Pressure Fuel Pump. Analyses have shown that in about 86% of all cases a cracked pin inside the control valve of the pump was the reason why component high pressure pump was replaced in service. Due to the crack, the valve cannot be controlled (to open / close the v
1005	Certain OBD monitors, which include boost pressure monitoring (P0299, P0234, P226C), exhaust gas recirculation system monitoring (P0401, P0402, P240F, P2457), cold start exhaust gas recirculation system monitoring (P04DD), particulate matter filter efficiency monitoring (P2002), fuel system injection quantity monitoring (P026C), non-methane hydrocarbon converting catalyst monitoring (P0420, P0422), NOx sensor monitoring (P2201), SCR NOx catalyst conversion efficiency monitoring (P02EE), may fail to illuminate the malfunction indicator lamp (¿MIL¿) at the thresholds required by the regulations. This issue will be addressed by reprogramming the engine control module (¿ECM¿) to adjust the parameters for the OBD monitors listed above.

	V
993	i) Corrective measure: An improved hardware (the seal/gasket was modified to have the ribs to the outside) was introduced in production beginning with 01/09. Internal leakage leading to the resistance failure: The seal between the electrical hose and the overmold was changed to reduce the force on the hose which led to deformation and leakage. ii) Corrective measure: An improved hardware (a shrinking hose with hotmelt ensureing that no water from the ambient can enter the internal area of the sensor) was introduced in production beginning with 06/10. For the external leakage: a shrinking hose with hotmelt introduced to ensure that no water from the ambient can enter the internal area of the sensor. iii) Corrective measure: The improved software (Disabling the monitoring of the ¿open load¿ sensor diagnostic for 15 seconds during tank heater activation and deactivation) was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models 335d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03).
994	The corrective measure consists of extending the emissions warranty for the affected leak diagnostic module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the leak diagnostic module with an improved version of the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
995	The fuel conditioning module bottom cover will be replaced with a bolt-on metallic protective shield.
996	FCA US will perform a voluntary safety recall (S90) to inspect and replace, if necessary, the fuel tank assembly and fuel pump sending unit in the affected vehicles.
997	FCA US will perform a voluntary safety recall (S89) to remove and replace the crankshaft and camshaft wiring connector in the affected vehicles.
998	To eliminate this problem, BMW has improved its production process and introduced a different calibration oil and more robust rotor elements. BMW will extend emission warranty to 10 year / 120.000 miles full useful life for component oxygen sensor for all models in test group DBMXV03.0AH5 of Model BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
999	The corrective measure consists of replacing the original build front and rear NOx Sensors by modified ones with magnesium resistant sensor elements if one of the originals fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before th
1000	The corrective measure consists of replacing the original build front and rear NOx Sensors by modified ones with magnesium resistant sensor elements if one of the originals fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before th
1001	The corrective measure consists of replacing the original build front and rear NOx Sensors by modified ones with magnesium resistant sensor elements if one of the originals fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before th
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1003	The corrective measure consists of replacing the original build front and rear NOx Sensors by modified ones with magnesium resistant sensor elements if one of the originals fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before th
1004	The corrective measure consists of extending the emissions warranty for the affected high pressure fuel pump on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the fuel pump with an improved version of the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
1005	This issue will be addressed by reprogramming the engine control module (¿ECM¿) to adjust the parameters for the OBD monitors listed above.

	W
993	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
994	BMW obtained names and addresses of the affected vehicle owners Experian. The vehicle owners will be notified through First Class Mail.
995	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
996	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
997	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
998	BMW obtained names and addresses of the affected vehicle owners Experian. The vehicle owners have been notified through First Class Mail.
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1003	BMW obtained names and addresses of the affected vehicle owners Experian. The vehicle owners have been notified through First Class Mail.
1004	BMW obtained names and addresses of the affected vehicle owners Experian. The vehicle owners have been notified through First Class Mail.
1005	Vehicle warranty registration information and/or state vehicle registration records will be used to identify the names and addresses of vehicle owners. The owners will be notified by first class mail on March 24, 2017. The owner notification letter (enclosure 1) will inform owners that repairs will be available by June 30, 2017.

	X
993	Not applicable.
994	Not applicable.
995	Eligibility for this program is not conditioned upon proper maintenance or use.
996	None.
997	None.
998	Not applicable.
999	Not applicable.
1000	Not applicable.
1001	Not applicable.
1002	Not applicable.
1003	Not applicable.
1004	Not applicable.
1005	All of the affected engines will be addressed according to this plan.

	Y
993	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer (see attached draft customer letters).
994	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
995	See Owner Notification Letter.
996	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
997	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
998	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
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1002	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1003	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1004	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1005	The repair will require reprogramming the Engine Control Module (ECM) with new parameters for the monitors identified. The recall repair will be available at all Mack and Volvo dealers and authorized service providers by June 30, 2017. The time required for this repair is less than one hour.

	Z
993	Not applicable.
994	Not applicable.
995	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
996	None.
997	None.
998	Not applicable.
999	Not applicable.
1000	Not applicable.
1001	Not applicable.
1002	Not applicable.
1003	Not applicable.
1004	Not applicable.
1005	Only dealers and authorized agents will perform the required repairs.

	AA
993	New parts are provided to all authorized BMW centers via our service network.
994	New parts are provided to all authorized BMW centers via our service network.
995	Dealers are to obtain parts for this repair through the Special Service Support Center.
996	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
997	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
998	New parts are provided to all authorized BMW centers via our service network.
999	New parts are provided to all authorized BMW centers via our service network.
1000	New parts are provided to all authorized BMW centers via our service network.
1001	New parts are provided to all authorized BMW centers via our service network.
1002	New parts are provided to all authorized BMW centers via our service network.
1003	New parts are provided to all authorized BMW centers via our service network.
1004	New parts are provided to all authorized BMW centers via our service network.
1005	Parts are not required. The repair requires programming only, which will be available at all dealers and authorized service providers.

	AB
993	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
994	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
995	
996	"Actual Number Identified" reflects the number of vehicles in campaign S90. Affects only some 2017 MY Jeep Wrangler vehicles built on or after November 1, 2016 through November 3, 2016.
997	"Actual Number Identified" reflects the number of vehicles in campaign S89. Affects only some 2016 MY Dodge Journey vehicles equipped with a 2.4L and 2016 MY Jeep® Compass and Jeep® Patriot vehicles equipped with a 2.0L or 2.4L engine engine built on or after May 9, 2016 through July 15, 2016.
998	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
999	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1000	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
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1002	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1003	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1004	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1005	Voluntary Recall Report, EDIR 2016-1; Recall EC015 letter contains additional information, recall label location, Proof of Correction form

	AC	AD	AE
993	This repair has no adverse impact on fuel economy.		6405
994	This repair has no adverse impact on fuel economy.		6406
995	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5965
996	None.		5987
997	None.		6045
998	This repair has no adverse impact on fuel economy.		6407
999	This repair has no adverse impact on fuel economy.		6408
1000	This repair has no adverse impact on fuel economy.		6408
1001	This repair has no adverse impact on fuel economy.		6408
1002	This repair has no adverse impact on fuel economy.		6408
1003	This repair has no adverse impact on fuel economy.		6408
1004	This repair has no adverse impact on fuel economy.		6409
1005	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. All changes to be implemented with this remedial action affect diagnostic monitors only and are not associated with the control of the engine.		6046

	AF	AG	AH	AI
993		0	N	N
994		0	N	N
995		3	Y	Y
996		2	Y	N
997		2	Y	N
998		0	N	N
999		0	N	N
1000		0	N	N
1001		0	N	N
1002		0	N	N
1003		0	N	N
1004		0	N	N
1005		3	Y	Y

	AJ	AK	AL	AM
993	N	N	268481	This repair has no adverse impact on driveability.
994	N	N	268482	This repair has no adverse impact on driveability.
995	N	N	248178	Ford engineering judgment indicates that the corrective action should not affect drivability.
996	N	N	249064	None.
997	N	N	251392	None.
998	N	N	268484	This repair has no adverse impact on drivability.
999	N	N	268485	This repair has no adverse impact on drivability.
1000	N	N	268485	This repair has no adverse impact on drivability.
1001	N	N	268485	This repair has no adverse impact on drivability.
1002	N	N	268485	This repair has no adverse impact on drivability.
1003	N	N	268485	This repair has no adverse impact on drivability.
1004	N	N	268492	This repair has no adverse impact on drivability.
1005	N	Y	251532	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. All changes to be implemented with this remedial action affect diagnostic monitors only and are not associated with the control of the engine.

	AN	AO	AP	AQ	AR
993	This repair has no adverse impact on safety.	N	6170	0	0148
994	This repair has no adverse impact on safety.	N	6171	0	0112
995	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	5730	0	1618
996	None.	N	5752	0	1624
997	None.	N	5810	0	1620
998	This repair has no adverse impact on safety.	N	6172	0	0159
999	This repair has no adverse impact on safety.	N	6173	0	0166,0167
1000	This repair has no adverse impact on safety.	N	6173	0	0166,0167
1001	This repair has no adverse impact on safety.	N	6173	0	0166,0167
1002	This repair has no adverse impact on safety.	N	6173	0	0166,0167
1003	This repair has no adverse impact on safety.	N	6173	0	0166,0167
1004	This repair has no adverse impact on safety.	N	6174	0	0154
1005	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. All changes to be implemented with this remedial action affect diagnostic monitors only and are not associated with the control of the engine.	N	5811	0	0033

	AS	AT	AU
993	N		1
994	N		1
995	Y		1
996	Y	1/13/2017	1
997	Y	2/9/2017	1
998	N		1
999	N		1
1000	N		1
1001	N		1
1002	N		1
1003	N		1
1004	N		1
1005	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1006	15928	2/10/2017	2016	VPT	2016-1; Recall EC015	Heavy-Duty Highway Gas and Diesel Engines	0	Y					Mr Stephen M Knipe	stephen.knipe@volvo.com	1-301-790-6765
1007	16336	7/10/2017	2011	TYX	TOYOTA-VERR-20170710	Light-Duty Vehicles and Trucks	107854	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1008	16396	7/24/2017	2017	BMX	17E-A03	Light-Duty Vehicles and Trucks	9576	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1009	16396	7/24/2017	2016	BMX	17E-A03	Light-Duty Vehicles and Trucks	9576	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1010	16416	7/31/2017	2017	CRX	T41	Light-Duty Vehicles and Trucks	7933	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
1011	15929	2/10/2017	2014	VPT	2016-6;Recall EC0017	Heavy-Duty Highway Gas and Diesel Engines	38237	N					Mr Stephen M Knipe	stephen.knipe@volvo.com	1-301-790-6765
1012	15930	2/10/2017	2014	VPT	2016-6;Recall EC0017	Heavy-Duty Highway Gas and Diesel Engines	0	N					Mr Stephen M Knipe	stephen.knipe@volvo.com	1-301-790-6765
1013	16456	8/1/2017	2017	SKX	2A73-01	On-Highway Motorcycles	120	Y					Mr Robert Alsip	balsip@suz.com	714-996-7040 xt2315
1014	16509	8/17/2017	2018	NSX	FOI_NSX_VER_0027_BD_	Light-Duty Vehicles and Trucks	14192	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
1015	16509	8/17/2017	2017	NSX	FOI_NSX_VER_0027_BD_	Light-Duty Vehicles and Trucks	14192	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
1016	16509	8/17/2017	2016	NSX	FOI_NSX_VER_0027_BD_	Light-Duty Vehicles and Trucks	14192	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
1017	16517	8/21/2017	2014	FMX	17N01	Light-Duty Vehicles and Trucks	49497	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122

	P	Q	R	S	T
1006		On-Board Diagnostic (OBD) System	3/24/2017	2017	1
1007	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	6/22/2017	2017	1705
1008	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	7/24/2017	2017	16
1009	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	7/24/2017	2017	16
1010	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	7/28/2017	2017	1741
1011		On-Board Diagnostic (OBD) System	3/24/2017	2017	2
1012		On-Board Diagnostic (OBD) System	3/24/2017	2017	2
1013	robert.alsip@suz.com	Emission Control Information Label	8/1/2017	2017	2
1014		Fuel Tank Component	8/21/2017	2017	27
1015		Fuel Tank Component	8/21/2017	2017	27
1016		Fuel Tank Component	8/21/2017	2017	27
1017		On-Board Diagnostic (OBD) System	8/2/2017	2017	1791

	U
1006	Certain OBD monitors, which include boost pressure monitoring (P0299, P0234, P226C), exhaust gas recirculation system monitoring (P0401, P0402, P240F, P2457), cold start exhaust gas recirculation system monitoring (P04DD), particulate matter filter efficiency monitoring (P2002), fuel system injection quantity monitoring (P026C), non-methane hydrocarbon converting catalyst monitoring (P0420, P0422), NOx sensor monitoring (P2201), SCR NOx catalyst conversion efficiency monitoring (P02EE), may fail to illuminate the malfunction indicator lamp (¿MIL¿) at the thresholds required by the regulations. This issue will be addressed by reprogramming the engine control module (¿ECM¿) to adjust the parameters for the OBD monitors listed above.
1007	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves.
1008	Due to leakages within the map controlled thermostat cooling agent resigns into connector and could lead to a malfunction of the engine, in worst cases engine trouble occures. This malfunction is indicated by MIL illumination. BMW has identified two root causes for this leakage: 1. Breaks within the thermostat housing 2. O-ring gasket not in position
1009	Due to leakages within the map controlled thermostat cooling agent resigns into connector and could lead to a malfunction of the engine, in worst cases engine trouble occures. This malfunction is indicated by MIL illumination. BMW has identified two root causes for this leakage: 1. Breaks within the thermostat housing 2. O-ring gasket not in position
1010	Some 2017 MY Dodge Challenger vehicles, equipped with a 5.7L engine and 8-speed automatic transmission, may experience a limp-in mode which will limit the vehicle speed to 30-40 mph. While the shifter is in Park position, the transmission is not in Park and the PRNDL/EVIC indicate that the vehicle is in Drive. The malfunction indicator lamp is illuminated and fault code P1DDD is set. Root cause: Garage shifts were re-calibrated for 5.7L L-Body MY17 V1 as a shift quality improvement. The Dodge Challenger calibration was split away from the Dodge Charger and Chrysler 300 to allow more flexibility in garage shift calibration/comfort. Transmission valve body vent gradients on Challenger were not adequately calibrated to compensate for transmissions in which C-clutch has high learned values. In ¿green¿ transmissions that exhibit this, C-clutch takes longer than 1.25s to vent and the P1DDD fault code is set.
1011	Certain OBD monitors, which include oil pressure plausibility (P0521), high fuel flow (P02CC, P02CE, P02D0, P02D2, P02D4, P02D6, P026C, P02D), EGR slow to respond (P240F), boost system (P0299, P0234, P226C), NOx sensor plausibility (P2080, P2084, P242B), Idle Control System Monitoring (P054E, P054F, P0506, P0507), Non-Me
1012	Certain OBD monitors, which include oil pressure plausibility (P0521), high fuel flow (P02CC, P02CE, P02D0, P02D2, P02D4, P02D6, P026C, P02D), EGR slow to respond (P240F), boost system (P0299, P0234, P226C), NOx sensor plausibility (P2080, P2084, P242B), Idle Control System Monitoring (P054E, P054F, P0506, P0507), Non-Me
1013	The nonconformity relates to an incorrect engine idle speed value indicated in the vehicle emission control information (¿VECI¿) label. The existing VECI label indicates a 1,800RPM engine idle speed, the correct engine idle speed is 1,700RPM.
1014	On some 2016-2018 Infiniti Q50 and Q60 vehicles equipped with the 2.0L engine, customers have experienced a loss of power or engine shut off, along with MIL illumination related to the fuel system and engine speed (DTCs P0087, P0089 and P0725). Nissan has investigated this issue and has identified root cause as being an in
1015	On some 2016-2018 Infiniti Q50 and Q60 vehicles equipped with the 2.0L engine, customers have experienced a loss of power or engine shut off, along with MIL illumination related to the fuel system and engine speed (DTCs P0087, P0089 and P0725). Nissan has investigated this issue and has identified root cause as being an in
1016	On some 2016-2018 Infiniti Q50 and Q60 vehicles equipped with the 2.0L engine, customers have experienced a loss of power or engine shut off, along with MIL illumination related to the fuel system and engine speed (DTCs P0087, P0089 and P0725). Nissan has investigated this issue and has identified root cause as being an in
1017	Some 2011-14 MY 3.7L and 5.0L Mustang vehicles may have a crankshaft position system variation not learned DTC (P0315) in permanent memory from the assembly plant that is unable to be cleared without a diagnostic scan tool ¿Clear DTC¿ command.

	V
1006	This issue will be addressed by reprogramming the engine control module (¿ECM¿) to adjust the parameters for the OBD monitors listed above.
1007	Toyota will send (in phases consistent with parts availability and repair capacity) starting in late June, 2017, an owner notification by first class mail advising owners of this Warranty Enhancement Program. If the owner experiences the condition described above, they should contact their local authorized Toyota dealership for d
1008	To solve this problem and prevent the thermostat housing from cracking, a hardness measuring equipment has been implemented in the manufacturing process.
1009	To solve this problem and prevent the thermostat housing from cracking, a hardness measuring equipment has been implemented in the manufacturing process.
1010	FCA US will perform an emissions-related voluntary safety recall (T41) on affected vehicles to reprogram the transmission control module (TCM) with new software, recalibrating the transmission valve body vent gradients and starting vent pressure so that transmissions with high learned C-clutch values can vent fast enough to m
1011	This issue will be addressed by reprogramming the engine control module (¿ECM¿) to adjust the parameters for the OBD monitors listed above. The noted recalibrations are designed to ensure detection of malfunctions as required by the regulation.
1012	This issue will be addressed by reprogramming the engine control module (¿ECM¿) to adjust the parameters for the OBD monitors listed above. The noted recalibrations are designed to ensure detection of malfunctions as required by the regulation.
1013	Suzuki will conduct a voluntary emissions recall to replace the existing VECI label with a new label that contains the correct engine idle speed value. The replacement VECI label will be affixed directly over the original VECI label, and will be of similar size, shape, and material as the original label.
1014	Nissan will conduct a voluntary safety recall campaign to reprogram the Fuel Pump Control Module (FPCM) with software containing the correct fuel pressure map information. This change was also implemented into vehicle production on April 4, 2017.
1015	Nissan will conduct a voluntary safety recall campaign to reprogram the Fuel Pump Control Module (FPCM) with software containing the correct fuel pressure map information. This change was also implemented into vehicle production on April 4, 2017.
1016	Nissan will conduct a voluntary safety recall campaign to reprogram the Fuel Pump Control Module (FPCM) with software containing the correct fuel pressure map information. This change was also implemented into vehicle production on April 4, 2017.
1017	Warranty extension program 17N01 was approved for ten years for vehicles in California and Oregon, which extends beyond the emission full useful life of affected vehicles. California and Oregon were included because those states have proposed rejecting vehicles from inspection and maintenance test due to the presence of permanent fault codes. Customers in other states are not expected to experience symptoms associated with the presence of a P0315 in permanent memory. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.

	W
1006	Vehicle warranty registration information and/or state vehicle registration records will be used to identify the names and addresses of vehicle owners. The owners will be notified by first class mail on March 24, 2017. The owner notification letter (enclosure 1) will inform owners that repairs will be available by June 30, 2017.
1007	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in end of June and will be completed by early J
1008	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1009	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1010	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
1011	Vehicle warranty registration information and/or state vehicle registration records will be used to identify the names and addresses of vehicle owners. The owners will be notified by first class mail on March 24, 2017. The owner notification letter (enclosure 1, truck, and enclosure 4, bus) will inform owners that repairs will be available by June 30, 2017.
1012	Vehicle warranty registration information and/or state vehicle registration records will be used to identify the names and addresses of vehicle owners. The owners will be notified by first class mail on March 24, 2017. The owner notification letter (enclosure 1, truck, and enclosure 4, bus) will inform owners that repairs will be available by June 30, 2017.
1013	Vehicle owners will be identified using current sales registration records. Owners of affected vehicles will be sent a notification by first class mail, informing them how to perform the recall service.
1014	RL Polk and/or internal records
1015	RL Polk and/or internal records
1016	RL Polk and/or internal records
1017	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.

	X
1006	All of the affected engines will be addressed according to this plan.
1007	No special conditions are required for eligibility of repair under this ZG6 program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re
1008	Not applicable.
1009	Not applicable.
1010	None.
1011	All of the affected engines will be addressed according to this plan.
1012	All of the affected engines will be addressed according to this plan.
1013	Suzuki has not established any conditions that could potentially exclude a vehicle from receiving warranty repair.
1014	None required
1015	None required
1016	None required
1017	Eligibility for this program is not conditioned upon proper maintenance or use.

	Y
1006	The repair will require reprogramming the Engine Control Module (ECM) with new parameters for the monitors identified. The recall repair will be available at all Mack and Volvo dealers and authorized service providers by June 30, 2017. The time required for this repair is less than one hour.
1007	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
1008	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1009	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1010	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
1011	The repair will require reprogramming the Engine Control Module (ECM) with new parameters for the monitors identified. The recall repair for Mack and Volvo Truck will be available at dealers and authorized service providers by June 30, 2017. The recall repair for Prevost and Volvo Bus will be available at Prevost Service Centers, authorized service providers, or service managers by June 30, 2017.
1012	The repair will require reprogramming the Engine Control Module (ECM) with new parameters for the monitors identified. The recall repair for Mack and Volvo Truck will be available at dealers and authorized service providers by June 30, 2017. The recall repair for Prevost and Volvo Bus will be available at Prevost Service Centers, authorized service providers, or service managers by June 30, 2017.
1013	The procedure to be followed by owners to perform or obtain the recall service is described in the owner notification letter. Owners of affected vehicles will be provided with a replacement VECI label and installation instructions. Customers electing to not self-repair will be provided the option to have a Suzuki motorcycle dealer
1014	Vehicle owners will be asked to make an appointment with their Infiniti dealer.
1015	Vehicle owners will be asked to make an appointment with their Infiniti dealer.
1016	Vehicle owners will be asked to make an appointment with their Infiniti dealer.
1017	See Owner Notification Letter.

	Z
1006	Only dealers and authorized agents will perform the required repairs.
1007	The repair takes approximately 4 hours; however, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
1008	Not applicable.
1009	Not applicable.
1010	None.
1011	Only dealers and authorized agents will perform the required repairs.
1012	Only dealers and authorized agents will perform the required repairs.
1013	The vehicle owner and Suzuki motorcycle dealers are authorized to perform the remedy.
1014	Only Infiniti service technicians will be authorized to perform this remedy.
1015	Only Infiniti service technicians will be authorized to perform this remedy.
1016	Only Infiniti service technicians will be authorized to perform this remedy.
1017	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.

	AA
1006	Parts are not required. The repair requires programming only, which will be available at all dealers and authorized service providers.
1007	There is sufficient inventory ofthe replacement parts to accommodate this special service campaign.
1008	New parts are provided to all authorized BMW centers via our service network.
1009	New parts are provided to all authorized BMW centers via our service network.
1010	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM.
1011	Parts are not required. The repair requires programming only, which will be available at all dealers and authorized service providers.
1012	Parts are not required. The repair requires programming only, which will be available at all dealers and authorized service providers.
1013	A quantity of replacement labels sufficient to repair 100% of the affected vehicles will be available at the time of the recall campaign initiation.
1014	The correct FPCM program has been created and is available for use. No hardware is required for this service procedure.
1015	The correct FPCM program has been created and is available for use. No hardware is required for this service procedure.
1016	The correct FPCM program has been created and is available for use. No hardware is required for this service procedure.
1017	No parts are required for this repair.

	AB
1006	Voluntary Recall Report, EDIR 2016-1; Recall EC015 letter contains additional information, recall label location, Proof of Correction form
1007	Other: Signed VERR Letter
1008	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1009	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1010	
1011	Voluntary Recall Report, EDIR 2016-6; Recall EC0017 letter contains additional information, recall label location, Proof of Correction form
1012	Voluntary Recall Report, EDIR 2016-6; Recall EC0017 letter contains additional information, recall label location, Proof of Correction form
1013	There is no emissions impact or impact to engine operation as a result of this defect. The engine idle speed value on the VECI label is informational only, actual idle speed is controlled by an electronic idle speed control valve and no user adjustment is possible (the VECI label also denotes this). Uploaded documents include service bulletin, owner notification letter, dealer notification letter (as a single combined document). Owner notification Final Date is August 1, 2017 (VERR document validation requires a final date to be after the initial date.) In the case of 2A73, there is only one mailing which occurred August 1, 2017.
1014	1) FOI_NSX_VER_0027_SB_R00 - Technical Service Bulletin describing the campaign corrective action 2) FOI_NSX_VER_0027_OT_R00 - Safety Recall Defect Information Report (DIR) submitted to NHTSA
1015	1) FOI_NSX_VER_0027_SB_R00 - Technical Service Bulletin describing the campaign corrective action 2) FOI_NSX_VER_0027_OT_R00 - Safety Recall Defect Information Report (DIR) submitted to NHTSA
1016	1) FOI_NSX_VER_0027_SB_R00 - Technical Service Bulletin describing the campaign corrective action 2) FOI_NSX_VER_0027_OT_R00 - Safety Recall Defect Information Report (DIR) submitted to NHTSA
1017	-The 5.4L Mustang is listed because it is part of test group BFMXV05.4VEK, but it is not affected by this issue or warranty extension.

	AC	AD	AE
1006	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. All changes to be implemented with this remedial action affect diagnostic monitors only and are not associated with the control of the engine.		6047
1007	This repair will not affect fuel economy.		6445
1008	This repair has no adverse impact on fuel economy.		6505
1009	This repair has no adverse impact on fuel economy.		6505
1010	None.		6525
1011	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.		6048
1012	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.		6049
1013	None.		6545
1014	Fuel economy will not be impacted.		6590
1015	Fuel economy will not be impacted.		6590
1016	Fuel economy will not be impacted.		6590
1017	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6605

	AF	AG	AH	AI
1006		3	Y	Y
1007		2	Y	N
1008		0	N	N
1009		0	N	N
1010	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
1011		5	Y	Y
1012		5	Y	Y
1013		1	Y	Y
1014		2	N	N
1015		2	N	N
1016		2	N	N
1017		3	Y	Y

	AJ	AK	AL	AM
1006	N	Y	251534	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. All changes to be implemented with this remedial action affect diagnostic monitors only and are not associated with the control of the engine.
1007	N	Y	269503	This repair will not affect driveability.
1008	N	N	271695	This repair has no adverse impact on drivability.
1009	N	N	271695	This repair has no adverse impact on drivability.
1010	N	N	272843	None.
1011	N	Y	251540	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.
1012	N	Y	251541	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.
1013	N	N	273188	None.
1014	N	Y	276266	Drivability will not be impacted.
1015	N	Y	276266	Drivability will not be impacted.
1016	N	Y	276266	Drivability will not be impacted.
1017	N	N	276677	Ford engineering judgment indicates that the corrective action should not affect drivability.

	AN	AO	AP	AQ	AR
1006	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. All changes to be implemented with this remedial action affect diagnostic monitors only and are not associated with the control of the engine.	N	5812	0	0033
1007	This repair will not affect safety.	Y	6190	0	0712
1008	This repair has no adverse impact on safety.	N	6250	0	0169
1009	This repair has no adverse impact on safety.	N	6250	0	0169
1010	None.	N	6270	0	1710
1011	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.	N	5813	0	0038
1012	There is no impact to fuel economy, driveability, performance or safety of the engines associated with the proposed repairs. Changes made with this remedial action affect diagnostic monitors and are not associated with the control of the engine.	N	5814	0	0038
1013	None.	N	6290	1	0002
1014	This reprogramming will eliminate the possibility of inadvertant engine stoppage.	Y	6335	0	0078
1015	This reprogramming will eliminate the possibility of inadvertant engine stoppage.	Y	6335	0	0078
1016	This reprogramming will eliminate the possibility of inadvertant engine stoppage.	Y	6335	0	0078
1017	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6350	0	1617

	AS	AT	AU
1006	Y		1
1007	Y		1
1008	N		1
1009	N		1
1010	Y	7/29/2017	1
1011	Y		1
1012	Y		1
1013	Y	8/2/2017	1
1014	N	8/22/2017	1
1015	N	8/22/2017	1
1016	N	8/22/2017	1
1017	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1018	16517	8/21/2017	2013	FMX	17N01	Light-Duty Vehicles and Trucks	49497	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1019	16517	8/21/2017	2012	FMX	17N01	Light-Duty Vehicles and Trucks	49497	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1020	16517	8/21/2017	2011	FMX	17N01	Light-Duty Vehicles and Trucks	49497	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1021	16016	3/24/2017	2017	VGA	VG-0012	Light-Duty Vehicles and Trucks	737	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203
1022	16016	3/24/2017	2016	VGA	VG-0012	Light-Duty Vehicles and Trucks	737	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203
1023	16016	3/24/2017	2015	VGA	VG-0012	Light-Duty Vehicles and Trucks	737	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203
1024	16017	3/24/2017	2014	NLX	NL-0001	Light-Duty Vehicles and Trucks	729	Y					Mr Leonard Kata	leonard.kata@vw.com	248-754-4204

	P	Q	R	S	T
1018		On-Board Diagnostic (OBD) System	8/2/2017	2017	1791
1019		On-Board Diagnostic (OBD) System	8/2/2017	2017	1791
1020		On-Board Diagnostic (OBD) System	8/2/2017	2017	1791
1021	n/a	Fuel Delivery Component	2/24/2017	2017	12
1022	n/a	Fuel Delivery Component	2/24/2017	2017	12
1023	n/a	Fuel Delivery Component	2/24/2017	2017	12
1024	n/a	Fuel Delivery Component	2/24/2017	2017	1

	U
1018	Some 2011-14 MY 3.7L and 5.0L Mustang vehicles may have a crankshaft position system variation not learned DTC (P0315) in permanent memory from the assembly plant that is unable to be cleared without a diagnostic scan tool ¿Clear DTC¿ command.
1019	Some 2011-14 MY 3.7L and 5.0L Mustang vehicles may have a crankshaft position system variation not learned DTC (P0315) in permanent memory from the assembly plant that is unable to be cleared without a diagnostic scan tool ¿Clear DTC¿ command.
1020	Some 2011-14 MY 3.7L and 5.0L Mustang vehicles may have a crankshaft position system variation not learned DTC (P0315) in permanent memory from the assembly plant that is unable to be cleared without a diagnostic scan tool ¿Clear DTC¿ command.
1021	In case of fuel tank heavily overfilled and in particular handling conditions, liquid fuel could reach the carbon canister. If purge valves are reached by fuel this could affect the functionality of the fuel EVAP system. This is worsened in case of winter fuel usage. Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed. List of Parts to be replaced: ECM Software - 470909049AL Combination Valve - 450201752 LDP Pump - 3C0906271A AKF Carbon Canister - 3D0201801F Valve FLW - 470201521D AKF Valve - 06H906517AB ECU Holder - 470927743C Bracket - 470121703D Bracket - 470201938 Bracket AKF - 470201898B Hose - 470201153C Hose - 470201384A Hose - 470201352A Hose - 470201817 Hose - 470201938 Breather Hose - 470121491C Ventilation Hose - 470201728B Ventilation Hose - 407201730B Ventilation Hose - 470201411A Grounding Plate - 400201211 Screw - N10430104
1022	In case of fuel tank heavily overfilled and in particular handling conditions, liquid fuel could reach the carbon canister. If purge valves are reached by fuel this could affect the functionality of the fuel EVAP system. This is worsened in case of winter fuel usage. Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed. List of Parts to be replaced: ECM Software - 470909049AL Combination Valve - 450201752 LDP Pump - 3C0906271A AKF Carbon Canister - 3D0201801F Valve FLW - 470201521D AKF Valve - 06H906517AB ECU Holder - 470927743C Bracket - 470121703D Bracket - 470201938 Bracket AKF - 470201898B Hose - 470201153C Hose - 470201384A Hose - 470201352A Hose - 470201817 Hose - 470201938 Breather Hose - 470121491C Ventilation Hose - 470201728B Ventilation Hose - 407201730B Ventilation Hose - 470201411A Grounding Plate - 400201211 Screw - N10430104
1023	In case of fuel tank heavily overfilled and in particular handling conditions, liquid fuel could reach the carbon canister. If purge valves are reached by fuel this could affect the functionality of the fuel EVAP system. This is worsened in case of winter fuel usage. Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed. List of Parts to be replaced: ECM Software - 470909049AL Combination Valve - 450201752 LDP Pump - 3C0906271A AKF Carbon Canister - 3D0201801F Valve FLW - 470201521D AKF Valve - 06H906517AB ECU Holder - 470927743C Bracket - 470121703D Bracket - 470201938 Bracket AKF - 470201898B Hose - 470201153C Hose - 470201384A Hose - 470201352A Hose - 470201817 Hose - 470201938 Breather Hose - 470121491C Ventilation Hose - 470201728B Ventilation Hose - 407201730B Ventilation Hose - 470201411A Grounding Plate - 400201211 Screw - N10430104
1024	In case of fuel tank heavily overfilled and in particular handling conditions, liquid fuel could reach the carbon canister. If purge valves are reached by fuel this could affect the functionality of the fuel EVAP system. This is worsened in case of winter fuel usage. Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed. List of Parts to be replaced: ECM Software - 470909049AL Combination Valve - 450201752 LDP Pump - 3C0906271A AKF Carbon Canister - 3D0201801F Valve FLW - 470201521D AKF Valve - 06H906517AB ECU Holder - 470927743C Bracket - 470121703D Bracket - 470201938 Bracket AKF - 470201898B Hose - 470201153C Hose - 470201384A Hose - 470201352A Hose - 470201817 Hose - 470201938 Breather Hose - 470121491C Ventilation Hose - 470201728B Ventilation Hose - 407201730B Ventilation Hose - 470201411A Grounding Plate - 400201211 Screw - N10430104

	V
1018	Warranty extension program 17N01 was approved for ten years for vehicles in California and Oregon, which extends beyond the emission full useful life of affected vehicles. California and Oregon were included because those states have proposed rejecting vehicles from inspection and maintenance test due to the presence of permanent fault codes. Customers in other states are not expected to experience symptoms associated with the presence of a P0315 in permanent memory. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
1019	Warranty extension program 17N01 was approved for ten years for vehicles in California and Oregon, which extends beyond the emission full useful life of affected vehicles. California and Oregon were included because those states have proposed rejecting vehicles from inspection and maintenance test due to the presence of permanent fault codes. Customers in other states are not expected to experience symptoms associated with the presence of a P0315 in permanent memory. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
1020	Warranty extension program 17N01 was approved for ten years for vehicles in California and Oregon, which extends beyond the emission full useful life of affected vehicles. California and Oregon were included because those states have proposed rejecting vehicles from inspection and maintenance test due to the presence of permanent fault codes. Customers in other states are not expected to experience symptoms associated with the presence of a P0315 in permanent memory. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
1021	Automobili Lamborghini S.p.A. has initiated a Safety Recall to address the issue described above. All authorized Lamborghini dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
1022	Automobili Lamborghini S.p.A. has initiated a Safety Recall to address the issue described above. All authorized Lamborghini dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
1023	Automobili Lamborghini S.p.A. has initiated a Safety Recall to address the issue described above. All authorized Lamborghini dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
1024	Automobili Lamborghini S.p.A. has initiated a Safety Recall to address the issue described above. All authorized Lamborghini dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.

	W
1018	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1019	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1020	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1021	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
1022	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
1023	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
1024	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.

	X
1018	Eligibility for this program is not conditioned upon proper maintenance or use.
1019	Eligibility for this program is not conditioned upon proper maintenance or use.
1020	Eligibility for this program is not conditioned upon proper maintenance or use.
1021	There are no maintenance or eligibility requirements.
1022	There are no maintenance or eligibility requirements.
1023	There are no maintenance or eligibility requirements.
1024	There are no maintenance or eligibility requirements.

	Y
1018	See Owner Notification Letter.
1019	See Owner Notification Letter.
1020	See Owner Notification Letter.
1021	Automobili Lamborghini S.p.A. will notify all owners of affected vehicles and will instruct them to arrange for an appointment with and authorized Lamborghini dealer. Dealers will upgrade the EVALP system free of charge Dealer Notification: February 17, 2017 Customer Notification: February 24, 2017
1022	Automobili Lamborghini S.p.A. will notify all owners of affected vehicles and will instruct them to arrange for an appointment with and authorized Lamborghini dealer. Dealers will upgrade the EVALP system free of charge Dealer Notification: February 17, 2017 Customer Notification: February 24, 2017
1023	Automobili Lamborghini S.p.A. will notify all owners of affected vehicles and will instruct them to arrange for an appointment with and authorized Lamborghini dealer. Dealers will upgrade the EVALP system free of charge Dealer Notification: February 17, 2017 Customer Notification: February 24, 2017
1024	Automobili Lamborghini S.p.A. will notify all owners of affected vehicles and will instruct them to arrange for an appointment with and authorized Lamborghini dealer. Dealers will upgrade the EVALP system free of charge Dealer Notification: February 17, 2017 Customer Notification: February 24, 2017

	Z
1018	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
1019	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
1020	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
1021	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
1022	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
1023	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
1024	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.

	AA
1018	No parts are required for this repair.
1019	No parts are required for this repair.
1020	No parts are required for this repair.
1021	Affected authorized Lamborghini dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1022	Affected authorized Lamborghini dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1023	Affected authorized Lamborghini dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1024	Affected authorized Lamborghini dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AB
1018	-The 5.4L Mustang is listed because it is part of test group BFMXV05.4VEK, but it is not affected by this issue or warranty extension.
1019	-The 5.4L Mustang is listed because it is part of test group BFMXV05.4VEK, but it is not affected by this issue or warranty extension.
1020	-The 5.4L Mustang is listed because it is part of test group BFMXV05.4VEK, but it is not affected by this issue or warranty extension.
1021	Forwarding Letter - CBI
1022	Forwarding Letter - CBI
1023	Forwarding Letter - CBI
1024	Forwarding Letter - CBI

	AC	AD	AE
1018	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6605
1019	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6605
1020	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6605
1021	Not applicable		6185
1022	Not applicable		6185
1023	Not applicable		6185
1024	Not applicable		6186

	AF	AG	AH	AI
1018		3	Y	Y
1019		3	Y	Y
1020		3	Y	Y
1021		3	Y	N
1022		3	Y	N
1023		3	Y	N
1024		3	Y	N

	AJ	AK	AL	AM
1018	N	N	276677	Ford engineering judgment indicates that the corrective action should not affect drivability.
1019	N	N	276677	Ford engineering judgment indicates that the corrective action should not affect drivability.
1020	N	N	276677	Ford engineering judgment indicates that the corrective action should not affect drivability.
1021	N	Y	256042	Not applicable
1022	N	Y	256042	Not applicable
1023	N	Y	256042	Not applicable
1024	N	Y	256050	Not applicable

	AN	AO	AP	AQ	AR
1018	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6350	0	1617
1019	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6350	0	1617
1020	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6350	0	1617
1021	NTHSA Safety Recall. EVAP system component faults could cause fuel vapors not treated properly. With not properly treated fuel vapor, particular maneuvers, as example engine over revving at idle, could imply contact between fuel vapor and hot gases. Especially if combined with a not approved after-market exhaust system, this could lead to a risk of fire.	N	5910	0	9999
1022	NTHSA Safety Recall. EVAP system component faults could cause fuel vapors not treated properly. With not properly treated fuel vapor, particular maneuvers, as example engine over revving at idle, could imply contact between fuel vapor and hot gases. Especially if combined with a not approved after-market exhaust system, this could lead to a risk of fire.	N	5910	0	9999
1023	NTHSA Safety Recall. EVAP system component faults could cause fuel vapors not treated properly. With not properly treated fuel vapor, particular maneuvers, as example engine over revving at idle, could imply contact between fuel vapor and hot gases. Especially if combined with a not approved after-market exhaust system, this could lead to a risk of fire.	N	5910	0	9999
1024	NTHSA Safety Recall. EVAP system component faults could cause fuel vapors not treated properly. With not properly treated fuel vapor, particular maneuvers, as example engine over revving at idle, could imply contact between fuel vapor and hot gases. Especially if combined with a not approved after-market exhaust system, this could lead to a risk of fire.	N	5911	0	9999

	AS	AT	AU
1018	Y		1
1019	Y		1
1020	Y		1
1021	Y	3/24/2017	1
1022	Y	3/24/2017	1
1023	Y	3/24/2017	1
1024	Y	3/24/2017	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1025	16017	3/24/2017	2013	NLX	NL-0001	Light-Duty Vehicles and Trucks	729	Y					Mr Leonard Kata	leonard.kata@vw.com	248-754-4204
1026	16017	3/24/2017	2012	NLX	NL-0001	Light-Duty Vehicles and Trucks	729	Y					Mr Leonard Kata	leonard.kata@vw.com	248-754-4204
1027	16878	12/13/2017	2014	PRX	PO-2017-12-13-1	Light-Duty Vehicles and Trucks	2299	Y					Mr Walter Lewis	walter.lewis@porsche.us	770-290-3627
1028	16878	12/13/2017	2015	PRX	PO-2017-12-13-1	Light-Duty Vehicles and Trucks	2299	Y					Mr Walter Lewis	walter.lewis@porsche.us	770-290-3627
1029	16878	12/13/2017	2016	PRX	PO-2017-12-13-1	Light-Duty Vehicles and Trucks	2299	Y					Mr Walter Lewis	walter.lewis@porsche.us	770-290-3627
1030	16574	9/11/2017	2017	CRX	T23	Light-Duty Vehicles and Trucks	415299	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
1031	16574	9/11/2017	2016	CRX	T23	Light-Duty Vehicles and Trucks	415299	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
1032	16579	9/15/2017	2014	VWX	VW-0021	Light-Duty Vehicles and Trucks	325658	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1033	16579	9/15/2017	2013	VWX	VW-0021	Light-Duty Vehicles and Trucks	325658	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1034	16579	9/15/2017	2012	VWX	VW-0021	Light-Duty Vehicles and Trucks	325658	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203

	P	Q	R	S	T
1025	n/a	Fuel Delivery Component	2/24/2017	2017	1
1026	n/a	Fuel Delivery Component	2/24/2017	2017	1
1027		Electrical, Mechanical and Cooling Systems	11/29/2017	2017	2
1028		Electrical, Mechanical and Cooling Systems	11/29/2017	2017	2
1029		Electrical, Mechanical and Cooling Systems	11/29/2017	2017	2
1030	mark.finsterwald@fcagroup.com	Exhaust Gas Recirculation (EGR) System	9/6/2017	2017	1723
1031	mark.finsterwald@fcagroup.com	Exhaust Gas Recirculation (EGR) System	9/6/2017	2017	1723
1032	N/A	Air Inlet/Intake System	8/18/2017	2017	21
1033	N/A	Air Inlet/Intake System	8/18/2017	2017	21
1034	N/A	Air Inlet/Intake System	8/18/2017	2017	21

	U
1025	In case of fuel tank heavily overfilled and in particular handling conditions, liquid fuel could reach the carbon canister. If purge valves are reached by fuel this could affect the functionality of the fuel EVAP system. This is worsened in case of winter fuel usage. Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed. List of Parts to be replaced: ECM Software - 470909049AL Combination Valve - 4S0201752 LDP Pump - 3C0906271A AKF Carbon Canister - 3D0201801F Valve FLW - 470201521D AKF Valve - 06H906517AB ECU Holder - 470927743C Bracket - 470121703D Bracket - 470201938 Bracket AKF - 470201898B Hose - 470201153C Hose - 470201384A Hose - 470201352A Hose - 470201817 Hose - 470201938 Breather Hose - 470121491C Ventilation Hose - 470201728B Ventilation Hose - 407201730B Ventilation Hose - 470201411A Grounding Plate - 400201211 Screw - N10430104
1026	In case of fuel tank heavily overfilled and in particular handling conditions, liquid fuel could reach the carbon canister. If purge valves are reached by fuel this could affect the functionality of the fuel EVAP system. This is worsened in case of winter fuel usage. Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed. List of Parts to be replaced: ECM Software - 470909049AL Combination Valve - 4S0201752 LDP Pump - 3C0906271A AKF Carbon Canister - 3D0201801F Valve FLW - 470201521D AKF Valve - 06H906517AB ECU Holder - 470927743C Bracket - 470121703D Bracket - 470201938 Bracket AKF - 470201898B Hose - 470201153C Hose - 470201384A Hose - 470201352A Hose - 470201817 Hose - 470201938 Breather Hose - 470121491C Ventilation Hose - 470201728B Ventilation Hose - 407201730B Ventilation Hose - 470201411A Grounding Plate - 400201211 Screw - N10430104
1027	Engines are being replaced in the field for illuminating the MIL, prompting immediate customer action. P030x "Misfire cylinder x" Potential engine failure due to finger follower wear issue.
1028	Engines are being replaced in the field for illuminating the MIL, prompting immediate customer action. P030x "Misfire cylinder x" Potential engine failure due to finger follower wear issue.
1029	Engines are being replaced in the field for illuminating the MIL, prompting immediate customer action. P030x "Misfire cylinder x" Potential engine failure due to finger follower wear issue.
1030	Some 2016-2017 MY Jeep® Grand Cherokee, Dodge Durango and 2017 Chrysler Pacifica vehicles, equipped with a 3.6L engine, may experience Exhaust Gas Recirculation (¿EGR¿) valves stuck in the closed position, illuminating the malfunction indicator lamp. Root cause was determined to be high stress on the EGR cam gear teeth, preventing the gear rotation. The high stress is caused by impacts associated with high seating velocities of the valve closure, as dictated by the software.
1031	Some 2016-2017 MY Jeep® Grand Cherokee, Dodge Durango and 2017 Chrysler Pacifica vehicles, equipped with a 3.6L engine, may experience Exhaust Gas Recirculation (¿EGR¿) valves stuck in the closed position, illuminating the malfunction indicator lamp. Root cause was determined to be high stress on the EGR cam gear teeth, preventing the gear rotation. The high stress is caused by impacts associated with high seating velocities of the valve closure, as dictated by the software.
1032	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The oxygen sensor will be checked and evaluated during service and be pro-actively replaced should measured degradation tolerances be met. Part numbers involved: Warranty Replacement Part Numbers: 3C0 129 594 A (Snow Flap) 03L 906 262 B (O2 Sensor) G 052172M2 (Special Anti-Friction Agent)
1033	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The oxygen sensor will be checked and evaluated during service and be pro-actively replaced should measured degradation tolerances be met. Part numbers involved: Warranty Replacement Part Numbers: 3C0 129 594 A (Snow Flap) 03L 906 262 B (O2 Sensor) G 052172M2 (Special Anti-Friction Agent)
1034	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The oxygen sensor will be checked and evaluated during service and be pro-actively replaced should measured degradation tolerances be met. Part numbers involved: Warranty Replacement Part Numbers: 3C0 129 594 A (Snow Flap) 03L 906 262 B (O2 Sensor) G 052172M2 (Special Anti-Friction Agent)

	V
1025	Automobili Lamborghini S.p.A. has initiated a Safety Recall to address the issue described above. All authorized Lamborghini dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
1026	Automobili Lamborghini S.p.A. has initiated a Safety Recall to address the issue described above. All authorized Lamborghini dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
1027	Vehicles will have the engines replaced.
1028	Vehicles will have the engines replaced.
1029	Vehicles will have the engines replaced.
1030	FCA US is conducting a Customer Satisfaction Notification (T23) on affected vehicles to reprogram the powertrain control module (PCM) software to decrease the EGR valve closure seating velocity and thereby reduce the stress on the EGR cam gear teeth sufficiently.
1031	FCA US is conducting a Customer Satisfaction Notification (T23) on affected vehicles to reprogram the powertrain control module (PCM) software to decrease the EGR valve closure seating velocity and thereby reduce the stress on the EGR cam gear teeth sufficiently.
1032	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017
1033	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017
1034	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017

	W
1025	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
1026	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
1027	PCNA will use internal customer databases to identify the current owners of the affected vehicles.
1028	PCNA will use internal customer databases to identify the current owners of the affected vehicles.
1029	PCNA will use internal customer databases to identify the current owners of the affected vehicles.
1030	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
1031	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
1032	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1033	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1034	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.

	X
1025	There are no maintenance or eligibility requirements.
1026	There are no maintenance or eligibility requirements.
1027	No special conditions of maintenance or use apply to this workshop campaign.
1028	No special conditions of maintenance or use apply to this workshop campaign.
1029	No special conditions of maintenance or use apply to this workshop campaign.
1030	None.
1031	None.
1032	There are no maintenance or eligibility requirements.
1033	There are no maintenance or eligibility requirements.
1034	There are no maintenance or eligibility requirements.

	Y
1025	Automobili Lamborghini S.p.A. will notify all owners of affected vehicles and will instruct them to arrange for an appointment with and authorized Lamborghini dealer. Dealers will upgrade the EVALP system free of charge Dealer Notification: February 17, 2017 Customer Notification: February 24, 2017
1026	Automobili Lamborghini S.p.A. will notify all owners of affected vehicles and will instruct them to arrange for an appointment with and authorized Lamborghini dealer. Dealers will upgrade the EVALP system free of charge Dealer Notification: February 17, 2017 Customer Notification: February 24, 2017
1027	The vehicle or engine owner will receive a certified letter with details of the defect. The vehicle or engine owner can then take their Porsche to any certified Porsche Dealership to have the repair performed free of charge.
1028	The vehicle or engine owner will receive a certified letter with details of the defect. The vehicle or engine owner can then take their Porsche to any certified Porsche Dealership to have the repair performed free of charge.
1029	The vehicle or engine owner will receive a certified letter with details of the defect. The vehicle or engine owner can then take their Porsche to any certified Porsche Dealership to have the repair performed free of charge.
1030	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
1031	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
1032	Authorized dealers will receive notification and detailed information about this program on or about August 11th, 2017. Affected owners will be mailed a notification of this action on or about August 18th, 2017 Enclosed are examples of Warranty Circulars and Customer Letters.
1033	Authorized dealers will receive notification and detailed information about this program on or about August 11th, 2017. Affected owners will be mailed a notification of this action on or about August 18th, 2017 Enclosed are examples of Warranty Circulars and Customer Letters.
1034	Authorized dealers will receive notification and detailed information about this program on or about August 11th, 2017. Affected owners will be mailed a notification of this action on or about August 18th, 2017 Enclosed are examples of Warranty Circulars and Customer Letters.

	Z
1025	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
1026	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
1027	The repairs will only be performed by authorized Porsche Dealers.
1028	The repairs will only be performed by authorized Porsche Dealers.
1029	The repairs will only be performed by authorized Porsche Dealers.
1030	None.
1031	None.
1032	It is anticipated that all affected vehicles will be remedied by authorized dealers.
1033	It is anticipated that all affected vehicles will be remedied by authorized dealers.
1034	It is anticipated that all affected vehicles will be remedied by authorized dealers.

	AA
1025	Affected authorized Lamborghini dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1026	Affected authorized Lamborghini dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1027	Parts will be replaced on customer complaint.
1028	Parts will be replaced on customer complaint.
1029	Parts will be replaced on customer complaint.
1030	FCA US will supply all dealers with the updated calibration and software required to reprogram the PCM.
1031	FCA US will supply all dealers with the updated calibration and software required to reprogram the PCM.
1032	Authorized dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1033	Authorized dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1034	Authorized dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AB
1025	Forwarding Letter - CBI
1026	Forwarding Letter - CBI
1027	
1028	
1029	
1030	Actual Number Identified and Affected reflect the number of vehicles in campaign T23.
1031	Actual Number Identified and Affected reflect the number of vehicles in campaign T23.
1032	Forwarding letter - CBI
1033	Forwarding letter - CBI
1034	Forwarding letter - CBI

	AC	AD	AE
1025	Not applicable		6186
1026	Not applicable		6186
1027	No impact.		6887
1028	No impact.		6887
1029	No impact.		6887
1030	None.		6625
1031	None.		6625
1032	Not applicable		6645
1033	Not applicable		6645
1034	Not applicable		6645

	AF	AG	AH	AI
1025		3	Y	N
1026		3	Y	N
1027		2	Y	N
1028		2	Y	N
1029		2	Y	N
1030		2	Y	N
1031		2	Y	N
1032		3	Y	N
1033		3	Y	N
1034		3	Y	N

	AJ	AK	AL	AM
1025	N	Y	256050	Not applicable
1026	N	Y	256050	Not applicable
1027	N	N	296418	Engine Misfire when running in full load.
1028	N	N	296418	Engine Misfire when running in full load.
1029	N	N	296418	Engine Misfire when running in full load.
1030	N	N	279826	None.
1031	N	N	279826	None.
1032	N	Y	280950	Not applicable
1033	N	Y	280950	Not applicable
1034	N	Y	280950	Not applicable

	AN	AO	AP	AQ	AR
1025	NTHSA Safety Recall. EVAP system component faults could cause fuel vapors not treated properly. With not properly treated fuel vapor, particular maneuvers, as example engine over revving at idle, could imply contact between fuel vapor and hot gases. Especially if combined with a not approved after-market exhaust system, this could lead to a risk of fire.	N	5911	0	9999
1026	NTHSA Safety Recall. EVAP system component faults could cause fuel vapors not treated properly. With not properly treated fuel vapor, particular maneuvers, as example engine over revving at idle, could imply contact between fuel vapor and hot gases. Especially if combined with a not approved after-market exhaust system, this could lead to a risk of fire.	N	5911	0	9999
1027	No impact.	Y	6632	0	0152
1028	No impact.	Y	6632	0	0152
1029	No impact.	Y	6632	0	0152
1030	None.	N	6370	0	1708
1031	None.	N	6370	0	1708
1032	Not applicable	N	6390	0	9999
1033	Not applicable	N	6390	0	9999
1034	Not applicable	N	6390	0	9999

	AS	AT	AU
1025	Y	3/24/2017	1
1026	Y	3/24/2017	1
1027	N	11/30/2017	1
1028	N	11/30/2017	1
1029	N	11/30/2017	1
1030	Y	9/7/2017	1
1031	Y	9/7/2017	1
1032	Y	8/21/2017	1
1033	Y	8/21/2017	1
1034	Y	8/21/2017	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1035	16579	9/15/2017	2011	VWX	VW-0021	Light-Duty Vehicles and Trucks	325658	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1036	16579	9/15/2017	2010	VWX	VW-0021	Light-Duty Vehicles and Trucks	325658	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1037	16579	9/15/2017	2009	VWX	VW-0021	Light-Duty Vehicles and Trucks	325658	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1038	16580	9/15/2017	2016	FMX	17E07	Light-Duty Vehicles and Trucks	15	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1039	16616	10/5/2017	2015	TYX	TOYOTA-VERR-20171005	Light-Duty Vehicles and Trucks	433200	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1040	16616	10/5/2017	2014	TYX	TOYOTA-VERR-20171005	Light-Duty Vehicles and Trucks	433200	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1041	16616	10/5/2017	2013	TYX	TOYOTA-VERR-20171005	Light-Duty Vehicles and Trucks	433200	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1042	15823	1/19/2017	2012	FMX	16S41	Light-Duty Vehicles and Trucks	327102	N					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1043	15823	1/19/2017	2011	FMX	16S41	Light-Duty Vehicles and Trucks	327102	N					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1044	15823	1/19/2017	2010	FMX	16S41	Light-Duty Vehicles and Trucks	327102	N					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1045	15824	1/19/2017	2016	FMX	16E04	Light-Duty Vehicles and Trucks	10731	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1046	15780	1/5/2017	2017	HNX	VERR-16-009	Light-Duty Vehicles and Trucks	1119	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
1047	15837	1/23/2017	2014	FJX	1701	Light-Duty Vehicles and Trucks	100021	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
1048	15837	1/23/2017	2013	FJX	1701	Light-Duty Vehicles and Trucks	100021	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
1049	15837	1/23/2017	2012	FJX	1701	Light-Duty Vehicles and Trucks	100021	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
1050	15837	1/23/2017	2011	FJX	1701	Light-Duty Vehicles and Trucks	100021	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
1051	15837	1/23/2017	2010	FJX	1701	Light-Duty Vehicles and Trucks	100021	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
1052	15837	1/23/2017	2009	FJX	1701	Light-Duty Vehicles and Trucks	100021	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
1053	15837	1/23/2017	2008	FJX	1701	Light-Duty Vehicles and Trucks	100021	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514
1054	15837	1/23/2017	2007	FJX	1701	Light-Duty Vehicles and Trucks	100021	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514

	P	Q	R	S	T
1035	N/A	Air Inlet/Intake System	8/18/2017	2017	21
1036	N/A	Air Inlet/Intake System	8/18/2017	2017	21
1037	N/A	Air Inlet/Intake System	8/18/2017	2017	21
1038		Exhaust Gas Recirculation (EGR) System	8/24/2017	2017	1707
1039	tom. beierschmitt@toyota.com, arvon.mitcham@toyota.com	Electrical, Mechanical and Cooling Systems	9/28/2017	2017	1709
1040	tom. beierschmitt@toyota.com, arvon.mitcham@toyota.com	Electrical, Mechanical and Cooling Systems	9/28/2017	2017	1709
1041	tom. beierschmitt@toyota.com, arvon.mitcham@toyota.com	Electrical, Mechanical and Cooling Systems	9/28/2017	2017	1709
1042		Fuel Delivery Component	12/23/2016	2016	1641
1043		Fuel Delivery Component	12/23/2016	2016	1641
1044		Fuel Delivery Component	12/23/2016	2016	1641
1045		Fuel Tank Component	1/23/2017	2017	1604
1046		On-Board Diagnostic (OBD) System	1/13/2017	2017	21
1047		Secondary Air System	12/16/2016	2016	1701
1048		Secondary Air System	12/16/2016	2016	1701
1049		Secondary Air System	12/16/2016	2016	1701
1050		Secondary Air System	12/16/2016	2016	1701
1051		Secondary Air System	12/16/2016	2016	1701
1052		Secondary Air System	12/16/2016	2016	1701
1053		Secondary Air System	12/16/2016	2016	1701
1054		Secondary Air System	12/16/2016	2016	1701

	U
1035	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The oxygen sensor will be checked and evaluated during service and be pro-actively replaced should measured degradation tolerances be met. Part numbers involved: Warranty Replacement Part Numbers: 3C0 129 594 A (Snow Flap) 03L 906 262 B (O2 Sensor) G 052172M2 (Special Anti-Friction Agent)
1036	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The oxygen sensor will be checked and evaluated during service and be pro-actively replaced should measured degradation tolerances be met. Part numbers involved: Warranty Replacement Part Numbers: 3C0 129 594 A (Snow Flap) 03L 906 262 B (O2 Sensor) G 052172M2 (Special Anti-Friction Agent)
1037	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The oxygen sensor will be checked and evaluated during service and be pro-actively replaced should measured degradation tolerances be met. Part numbers involved: Warranty Replacement Part Numbers: 3C0 129 594 A (Snow Flap) 03L 906 262 B (O2 Sensor) G 052172M2 (Special Anti-Friction Agent)
1038	Some 2016 MY 3.2L Transit Diesel vehicles were built with an incorrect EGR cooler.
1039	This program involves concerns regarding reports of a brief intermittent shudder during torque converter flex lock up. This shudder may be observed between approximately 25-50 mph.
1040	This program involves concerns regarding reports of a brief intermittent shudder during torque converter flex lock up. This shudder may be observed between approximately 25-50 mph.
1041	This program involves concerns regarding reports of a brief intermittent shudder during torque converter flex lock up. This shudder may be observed between approximately 25-50 mph.
1042	Some 2010-2011 MY Ford Escape FFV and Mercury Mariner FFV and some 2012 MY Escape FFV vehicles with 3.0L engines were built with a fuel delivery module (FDM) that may develop a crack over time at the FDM flange fuel supply port and result in a fuel leak.
1043	Some 2010-2011 MY Ford Escape FFV and Mercury Mariner FFV and some 2012 MY Escape FFV vehicles with 3.0L engines were built with a fuel delivery module (FDM) that may develop a crack over time at the FDM flange fuel supply port and result in a fuel leak.
1044	Some 2010-2011 MY Ford Escape FFV and Mercury Mariner FFV and some 2012 MY Escape FFV vehicles with 3.0L engines were built with a fuel delivery module (FDM) that may develop a crack over time at the FDM flange fuel supply port and result in a fuel leak.
1045	Some 2016 MY 1.6L GTDI and 2.5L gasoline-only Transit Connect vehicles were built with fuel filler pipes that incorrectly identified E85 as an acceptable fuel.
1046	Due to inappropriate calibration of the OBD system, the Three way catalytic converter (TWC) monitoring frequency may be insufficient to the standard for the In Use Performance Ratio (IUPR).
1047	Some 2007-2009 Subaru Legacy/Outback (Turbo), 2008-2014 Impreza WRX/STI (Turbo), and 2009-2013 Forester (Turbo) models may experience the contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and
1048	Some 2007-2009 Subaru Legacy/Outback (Turbo), 2008-2014 Impreza WRX/STI (Turbo), and 2009-2013 Forester (Turbo) models may experience the contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and
1049	Some 2007-2009 Subaru Legacy/Outback (Turbo), 2008-2014 Impreza WRX/STI (Turbo), and 2009-2013 Forester (Turbo) models may experience the contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and
1050	Some 2007-2009 Subaru Legacy/Outback (Turbo), 2008-2014 Impreza WRX/STI (Turbo), and 2009-2013 Forester (Turbo) models may experience the contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and
1051	Some 2007-2009 Subaru Legacy/Outback (Turbo), 2008-2014 Impreza WRX/STI (Turbo), and 2009-2013 Forester (Turbo) models may experience the contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and
1052	Some 2007-2009 Subaru Legacy/Outback (Turbo), 2008-2014 Impreza WRX/STI (Turbo), and 2009-2013 Forester (Turbo) models may experience the contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and
1053	Some 2007-2009 Subaru Legacy/Outback (Turbo), 2008-2014 Impreza WRX/STI (Turbo), and 2009-2013 Forester (Turbo) models may experience the contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and
1054	Some 2007-2009 Subaru Legacy/Outback (Turbo), 2008-2014 Impreza WRX/STI (Turbo), and 2009-2013 Forester (Turbo) models may experience the contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and

	V
1035	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017
1036	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017
1037	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017
1038	Dealers will replace the incorrect EGR cooler with the correct part.
1039	Owners of vehicles covered by this Warranty Enhancement Program will receive a notification letter by first class mail starting on September 28, 2017. Owners who experience torque converter shudder should contact their local authorized Toyota dealership for diagnosis and repair. If the condition is covered by the terms of this warranty enhancement program, the repair will be performed at NO CHARGE.
1040	Owners of vehicles covered by this Warranty Enhancement Program will receive a notification letter by first class mail starting on September 28, 2017. Owners who experience torque converter shudder should contact their local authorized Toyota dealership for diagnosis and repair. If the condition is covered by the terms of this warranty enhancement program, the repair will be performed at NO CHARGE.
1041	Owners of vehicles covered by this Warranty Enhancement Program will receive a notification letter by first class mail starting on September 28, 2017. Owners who experience torque converter shudder should contact their local authorized Toyota dealership for diagnosis and repair. If the condition is covered by the terms of this warranty enhancement program, the repair will be performed at NO CHARGE.
1042	Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles to dealers to receive a replacement fuel port flange assembly.
1043	Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles to dealers to receive a replacement fuel port flange assembly.
1044	Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles to dealers to receive a replacement fuel port flange assembly.
1045	Dealers will remove the reference to E85 as an acceptable fuel from the fuel filler pipe.
1046	The PCM will be updated with a correct programming by a Honda dealership.
1047	Subaru is replacing the secondary air injection pump relay under Subaru Safety Recall Product Campaign Bulletin WTM-73.
1048	Subaru is replacing the secondary air injection pump relay under Subaru Safety Recall Product Campaign Bulletin WTM-73.
1049	Subaru is replacing the secondary air injection pump relay under Subaru Safety Recall Product Campaign Bulletin WTM-73.
1050	Subaru is replacing the secondary air injection pump relay under Subaru Safety Recall Product Campaign Bulletin WTM-73.
1051	Subaru is replacing the secondary air injection pump relay under Subaru Safety Recall Product Campaign Bulletin WTM-73.
1052	Subaru is replacing the secondary air injection pump relay under Subaru Safety Recall Product Campaign Bulletin WTM-73.
1053	Subaru is replacing the secondary air injection pump relay under Subaru Safety Recall Product Campaign Bulletin WTM-73.
1054	Subaru is replacing the secondary air injection pump relay under Subaru Safety Recall Product Campaign Bulletin WTM-73.

	W
1035	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1036	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1037	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1038	Ford production records were used to identify the affected vehicles, and the owner names and addresses were obtained from Ford sales/service records.
1039	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning on September 28, 2017.
1040	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning on September 28, 2017.
1041	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning on September 28, 2017.
1042	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1043	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1044	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1045	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1046	American Honda will use a combination ofits new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
1047	Subaru used R.L. Polk vehicle owner database for identifying the affected 2007-2014 model year Subaru 2.5L turbo vehicles registered in 50-States. All owners were notified by first class mail starting on December 16, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Product Campaign Bulletin WTM-73
1048	Subaru used R.L. Polk vehicle owner database for identifying the affected 2007-2014 model year Subaru 2.5L turbo vehicles registered in 50-States. All owners were notified by first class mail starting on December 16, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Product Campaign Bulletin WTM-73
1049	Subaru used R.L. Polk vehicle owner database for identifying the affected 2007-2014 model year Subaru 2.5L turbo vehicles registered in 50-States. All owners were notified by first class mail starting on December 16, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Product Campaign Bulletin WTM-73
1050	Subaru used R.L. Polk vehicle owner database for identifying the affected 2007-2014 model year Subaru 2.5L turbo vehicles registered in 50-States. All owners were notified by first class mail starting on December 16, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Product Campaign Bulletin WTM-73
1051	Subaru used R.L. Polk vehicle owner database for identifying the affected 2007-2014 model year Subaru 2.5L turbo vehicles registered in 50-States. All owners were notified by first class mail starting on December 16, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Product Campaign Bulletin WTM-73
1052	Subaru used R.L. Polk vehicle owner database for identifying the affected 2007-2014 model year Subaru 2.5L turbo vehicles registered in 50-States. All owners were notified by first class mail starting on December 16, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Product Campaign Bulletin WTM-73
1053	Subaru used R.L. Polk vehicle owner database for identifying the affected 2007-2014 model year Subaru 2.5L turbo vehicles registered in 50-States. All owners were notified by first class mail starting on December 16, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Product Campaign Bulletin WTM-73
1054	Subaru used R.L. Polk vehicle owner database for identifying the affected 2007-2014 model year Subaru 2.5L turbo vehicles registered in 50-States. All owners were notified by first class mail starting on December 16, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Product Campaign Bulletin WTM-73

	X
1035	There are no maintenance or eligibility requirements.
1036	There are no maintenance or eligibility requirements.
1037	There are no maintenance or eligibility requirements.
1038	Eligibility for this program is not conditioned upon proper maintenance or use.
1039	No special conditions are required for eligibility of repair under this ZH1 program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to
1040	No special conditions are required for eligibility of repair under this ZH1 program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to
1041	No special conditions are required for eligibility of repair under this ZH1 program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to
1042	Eligibility for this program is not conditioned upon proper maintenance or use.
1043	Eligibility for this program is not conditioned upon proper maintenance or use.
1044	Eligibility for this program is not conditioned upon proper maintenance or use.
1045	Eligibility for this program is not conditioned upon proper maintenance or use.
1046	No pre-conditions exist. Repair will be made free-of-charge.
1047	None.
1048	None.
1049	None.
1050	None.
1051	None.
1052	None.
1053	None.
1054	None.

	Y
1035	Authorized dealers will receive notification and detailed information about this program on or about August 11th, 2017. Affected owners will be mailed a notification of this action on or about August 18th, 2017 Enclosed are examples of Warranty Circulars and Customer Letters.
1036	Authorized dealers will receive notification and detailed information about this program on or about August 11th, 2017. Affected owners will be mailed a notification of this action on or about August 18th, 2017 Enclosed are examples of Warranty Circulars and Customer Letters.
1037	Authorized dealers will receive notification and detailed information about this program on or about August 11th, 2017. Affected owners will be mailed a notification of this action on or about August 18th, 2017 Enclosed are examples of Warranty Circulars and Customer Letters.
1038	See Owner Notification Letter.
1039	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
1040	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
1041	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
1042	See Owner Notification Letter.
1043	See Owner Notification Letter.
1044	See Owner Notification Letter.
1045	See Owner Notification Letter.
1046	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
1047	Affected owners were requested by notification letter (see attached Subaru Safety Recall Product Campaign Bulletin WTM-73) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to replace the secondary air injection pump rel
1048	Affected owners were requested by notification letter (see attached Subaru Safety Recall Product Campaign Bulletin WTM-73) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to replace the secondary air injection pump rel
1049	Affected owners were requested by notification letter (see attached Subaru Safety Recall Product Campaign Bulletin WTM-73) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to replace the secondary air injection pump rel
1050	Affected owners were requested by notification letter (see attached Subaru Safety Recall Product Campaign Bulletin WTM-73) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to replace the secondary air injection pump rel
1051	Affected owners were requested by notification letter (see attached Subaru Safety Recall Product Campaign Bulletin WTM-73) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to replace the secondary air injection pump rel
1052	Affected owners were requested by notification letter (see attached Subaru Safety Recall Product Campaign Bulletin WTM-73) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to replace the secondary air injection pump rel
1053	Affected owners were requested by notification letter (see attached Subaru Safety Recall Product Campaign Bulletin WTM-73) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to replace the secondary air injection pump rel
1054	Affected owners were requested by notification letter (see attached Subaru Safety Recall Product Campaign Bulletin WTM-73) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to replace the secondary air injection pump rel

	Z
1035	It is anticipated that all affected vehicles will be remedied by authorized dealers.
1036	It is anticipated that all affected vehicles will be remedied by authorized dealers.
1037	It is anticipated that all affected vehicles will be remedied by authorized dealers.
1038	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1039	This software update and torque converter kit change will take approximately 1day. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
1040	This software update and torque converter kit change will take approximately 1day. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
1041	This software update and torque converter kit change will take approximately 1day. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
1042	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1043	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1044	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1045	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1046	Work can only be performed by an authorized Honda dealership.
1047	None.
1048	None.
1049	None.
1050	None.
1051	None.
1052	None.
1053	None.
1054	None.

	AA
1035	Authorized dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1036	Authorized dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1037	Authorized dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1038	Dealers are to obtain parts for this repair through the Special Service Support Center.
1039	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1040	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1041	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1042	Dealers are to obtain parts for this repair through the Special Service Support Center.
1043	Dealers are to obtain parts for this repair through the Special Service Support Center.
1044	Dealers are to obtain parts for this repair through the Special Service Support Center.
1045	No parts are required for this repair.
1046	Software update, no parts required.
1047	Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
1048	Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
1049	Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
1050	Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
1051	Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
1052	Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
1053	Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
1054	Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.

	AB
1035	Forwarding letter - CBI
1036	Forwarding letter - CBI
1037	Forwarding letter - CBI
1038	9999 was used as a defect report number since a defect report was not submitted for this topic. Fewer than 25 vehicles were affected, in which case a defect report was not required.
1039	Other: signed VERR letter
1040	Other: signed VERR letter
1041	Other: signed VERR letter
1042	The 2010-2011 MY vehicles were not included in EDIR 1616 since they exceeded the five year reporting requirements. Mazda Tribute FFV vehicles are not included in Field Service Action 16S41 but are listed in the Test Group / Engine Family Information because they were included in the test group. Repair instructions are currently not available but will be submitted when completed.
1043	The 2010-2011 MY vehicles were not included in EDIR 1616 since they exceeded the five year reporting requirements. Mazda Tribute FFV vehicles are not included in Field Service Action 16S41 but are listed in the Test Group / Engine Family Information because they were included in the test group. Repair instructions are currently not available but will be submitted when completed.
1044	The 2010-2011 MY vehicles were not included in EDIR 1616 since they exceeded the five year reporting requirements. Mazda Tribute FFV vehicles are not included in Field Service Action 16S41 but are listed in the Test Group / Engine Family Information because they were included in the test group. Repair instructions are currently not available but will be submitted when completed.
1045	
1046	Related Documents: Customer Notification (Draft) Honda Service Bulletin 17-004 (Draft)
1047	The revised version of Subaru Product Campaign Bulletin WTM-73, which contains dealer repair instructions and the owner notification letter, is being submitted to Verify system. Bulletin edits are highlighted in yellow.
1048	The revised version of Subaru Product Campaign Bulletin WTM-73, which contains dealer repair instructions and the owner notification letter, is being submitted to Verify system. Bulletin edits are highlighted in yellow.
1049	The revised version of Subaru Product Campaign Bulletin WTM-73, which contains dealer repair instructions and the owner notification letter, is being submitted to Verify system. Bulletin edits are highlighted in yellow.
1050	The revised version of Subaru Product Campaign Bulletin WTM-73, which contains dealer repair instructions and the owner notification letter, is being submitted to Verify system. Bulletin edits are highlighted in yellow.
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	AC	AD	AE
1035	Not applicable		6645
1036	Not applicable		6645
1037	Not applicable		6645
1038	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6646
1039	This repair will not affect fuel economy.		6705
1040	This repair will not affect fuel economy.		6705
1041	This repair will not affect fuel economy.		6705
1042	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5985
1043	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5985
1044	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5985
1045	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5986
1046	None		5926
1047	None.		6005
1048	None.		6005
1049	None.		6005
1050	None.		6005
1051	None.		6005
1052	None.		6005
1053	None.		6005
1054	None.		6005

	AF	AG	AH	AI
1035		3	Y	N
1036		3	Y	N
1037		3	Y	N
1038		3	Y	Y
1039		1	Y	N
1040		1	Y	N
1041		1	Y	N
1042		3	Y	Y
1043		3	Y	Y
1044		3	Y	Y
1045		3	Y	Y
1046		2	Y	N
1047		2	Y	N
1048		2	Y	N
1049		2	Y	N
1050		2	Y	N
1051		2	Y	N
1052		2	Y	N
1053		2	Y	N
1054		2	Y	N

	AJ	AK	AL	AM
1035	N	Y	280950	Not applicable
1036	N	Y	280950	Not applicable
1037	N	Y	280950	Not applicable
1038	N	N	281037	Ford engineering judgment indicates that the corrective action should not affect drivability.
1039	N	Y	284487	This repair will not affect driveability.
1040	N	Y	284487	This repair will not affect driveability.
1041	N	Y	284487	This repair will not affect driveability.
1042	N	N	248886	Ford engineering judgment indicates that the corrective action should not affect drivability.
1043	N	N	248886	Ford engineering judgment indicates that the corrective action should not affect drivability.
1044	N	N	248886	Ford engineering judgment indicates that the corrective action should not affect drivability.
1045	N	N	248903	Ford engineering judgment indicates that the corrective action should not affect drivability.
1046	N	N	247672	None
1047	N	N	249221	If the condition were to occur, extreme cases may result in damage to the secondary air injection pump and impact drivability.
1048	N	N	249221	If the condition were to occur, extreme cases may result in damage to the secondary air injection pump and impact drivability.
1049	N	N	249221	If the condition were to occur, extreme cases may result in damage to the secondary air injection pump and impact drivability.
1050	N	N	249221	If the condition were to occur, extreme cases may result in damage to the secondary air injection pump and impact drivability.
1051	N	N	249221	If the condition were to occur, extreme cases may result in damage to the secondary air injection pump and impact drivability.
1052	N	N	249221	If the condition were to occur, extreme cases may result in damage to the secondary air injection pump and impact drivability.
1053	N	N	249221	If the condition were to occur, extreme cases may result in damage to the secondary air injection pump and impact drivability.
1054	N	N	249221	If the condition were to occur, extreme cases may result in damage to the secondary air injection pump and impact drivability.

	AN	AO	AP	AQ	AR
1035	Not applicable	N	6390	0	9999
1036	Not applicable	N	6390	0	9999
1037	Not applicable	N	6390	0	9999
1038	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6391	0	9999
1039	This repair will not affect safety.	Y	6450	0	0048
1040	This repair will not affect safety.	Y	6450	0	0048
1041	This repair will not affect safety.	Y	6450	0	0048
1042	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	5750	0	1616
1043	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	5750	0	1616
1044	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	5750	0	1616
1045	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5751	0	1614
1046	None	Y	5711	0	0081
1047	If this condition were to occur, the Check Engine Light would illuminate and the secondary air injection pump may overheat and melt causing an odor and/or smoke to occur and possibly catching fire, which would be noticeable to the vehicle operator.	N	5770	0	1701
1048	If this condition were to occur, the Check Engine Light would illuminate and the secondary air injection pump may overheat and melt causing an odor and/or smoke to occur and possibly catching fire, which would be noticeable to the vehicle operator.	N	5770	0	1701
1049	If this condition were to occur, the Check Engine Light would illuminate and the secondary air injection pump may overheat and melt causing an odor and/or smoke to occur and possibly catching fire, which would be noticeable to the vehicle operator.	N	5770	0	1701
1050	If this condition were to occur, the Check Engine Light would illuminate and the secondary air injection pump may overheat and melt causing an odor and/or smoke to occur and possibly catching fire, which would be noticeable to the vehicle operator.	N	5770	0	1701
1051	If this condition were to occur, the Check Engine Light would illuminate and the secondary air injection pump may overheat and melt causing an odor and/or smoke to occur and possibly catching fire, which would be noticeable to the vehicle operator.	N	5770	0	1701
1052	If this condition were to occur, the Check Engine Light would illuminate and the secondary air injection pump may overheat and melt causing an odor and/or smoke to occur and possibly catching fire, which would be noticeable to the vehicle operator.	N	5770	0	1701
1053	If this condition were to occur, the Check Engine Light would illuminate and the secondary air injection pump may overheat and melt causing an odor and/or smoke to occur and possibly catching fire, which would be noticeable to the vehicle operator.	N	5770	0	1701
1054	If this condition were to occur, the Check Engine Light would illuminate and the secondary air injection pump may overheat and melt causing an odor and/or smoke to occur and possibly catching fire, which would be noticeable to the vehicle operator.	N	5770	0	1701

	AS	AT	AU
1035	Y	8/21/2017	1
1036	Y	8/21/2017	1
1037	Y	8/21/2017	1
1038	Y		1
1039	Y		1
1040	Y		1
1041	Y		1
1042	Y		1
1043	Y		1
1044	Y		1
1045	Y		1
1046	N	1/16/2017	1
1047	Y	12/17/2016	1
1048	Y	12/17/2016	1
1049	Y	12/17/2016	1
1050	Y	12/17/2016	1
1051	Y	12/17/2016	1
1052	Y	12/17/2016	1
1053	Y	12/17/2016	1
1054	Y	12/17/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1055	15878	1/30/2017	2013	BMX	15E-W06	Light-Duty Vehicles and Trucks	255321	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1056	15878	1/30/2017	2012	BMX	15E-W06	Light-Duty Vehicles and Trucks	255321	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1057	15878	1/30/2017	2014	BMX	15E-W06	Light-Duty Vehicles and Trucks	255321	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1058	15879	1/30/2017	2011	BMX	15E-W08	Light-Duty Vehicles and Trucks	10537	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1059	15880	1/30/2017	2012	BMX	15E-W07	Light-Duty Vehicles and Trucks	3089	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1060	15936	2/17/2017	2013	BMX	16E-A01	Light-Duty Vehicles and Trucks	5256	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1061	15936	2/17/2017	2012	BMX	16E-A01	Light-Duty Vehicles and Trucks	5256	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195

	P	Q	R	S	T
1055	Carlheinz.Bayer@bmwna.com	Evaporative Emissions Systems	1/26/2017	2017	1561
1056	Carlheinz.Bayer@bmwna.com	Evaporative Emissions Systems	1/26/2017	2017	1561
1057	Carlheinz.Bayer@bmwna.com	Evaporative Emissions Systems	1/26/2017	2017	1561
1058	Carlheinz.Bayer@bmwna.com	Selective Catalytic Reduction System	1/24/2017	2017	1581
1059	Carlheinz.Bayer@bmwna.com	Evaporative Emissions Systems	1/24/2017	2017	1571
1060	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	2/17/2017	2017	1601
1061	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	2/17/2017	2017	1601

	U
1055	The affected part numbers 16137274147, 16137333301, 16137333302 and 16137315813 relate to the Fuel Pressure Switch Leak Diagnostic / Diagnostic Module NVLD (Natural Vacuum Leak Detection), which is used in several Test Groups for specific 3-Series, 5-Series, 6-Series. 7-Series and X3 models. The diagnostic module NVLD (Natural Vacuum Leak Detection) is used to monitor the evaporative emissions system/tank system for leakages. Inside the diagnostic module NVLD a poppet valve with a lip seal is used to seal the evaporative system form-closed from environment. Analyses have shown that the component was replaced due to the following reason: Lowest sediments (from environment) could cause a leak at the sealing area. As a result, in about 100% of all cases a fault code could be stored including MIL illumination. BMW decides to voluntarily add further Test Groups to the in the following EDIRs mentioned Test Groups.
1056	The affected part numbers 16137274147, 16137333301, 16137333302 and 16137315813 relate to the Fuel Pressure Switch Leak Diagnostic / Diagnostic Module NVLD (Natural Vacuum Leak Detection), which is used in several Test Groups for specific 3-Series, 5-Series, 6-Series. 7-Series and X3 models. The diagnostic module NVLD (Natural Vacuum Leak Detection) is used to monitor the evaporative emissions system/tank system for leakages. Inside the diagnostic module NVLD a poppet valve with a lip seal is used to seal the evaporative system form-closed from environment. Analyses have shown that the component was replaced due to the following reason: Lowest sediments (from environment) could cause a leak at the sealing area. As a result, in about 100% of all cases a fault code could be stored including MIL illumination. BMW decides to voluntarily add further Test Groups to the in the following EDIRs mentioned Test Groups.
1057	The affected part numbers 16137274147, 16137333301, 16137333302 and 16137315813 relate to the Fuel Pressure Switch Leak Diagnostic / Diagnostic Module NVLD (Natural Vacuum Leak Detection), which is used in several Test Groups for specific 3-Series, 5-Series, 6-Series. 7-Series and X3 models. The diagnostic module NVLD (Natural Vacuum Leak Detection) is used to monitor the evaporative emissions system/tank system for leakages. Inside the diagnostic module NVLD a poppet valve with a lip seal is used to seal the evaporative system form-closed from environment. Analyses have shown that the component was replaced due to the following reason: Lowest sediments (from environment) could cause a leak at the sealing area. As a result, in about 100% of all cases a fault code could be stored including MIL illumination. BMW decides to voluntarily add further Test Groups to the in the following EDIRs mentioned Test Groups.
1058	The affected part number 16197244137 relates to the SCR Supply Module. Analyses have shown that in about 85% of all cases the component SCR Supply Module was replaced in service due to leakage. Failure Impact 1: Visible leakage of the SCR Supply Module (crystallization, leakage of the DEF (Diesel Exhaust Fluid)) Failure Impact 2: Internal leakages due to a too rough surface of the sealing face cause a stuck folk (internal component of the supply module). As a result the pressure build-up is not possible and the DEF cannot be transported anymore, which leads to a fault code storage and illumination of the MIL. In about 15% of all cases the component SCR Supply Module was replaced without having any malfunction (e.g. no fault code stored, no MIL or no leakages detected).
1059	Based on warranty claims and subsequent investigations, BMW determined that a safety- related problem exists on a certain number of various BMW models, the nature of which has been outlined in the enclosed Voluntary Emission Warranty Extension Plan.
1060	The affected part number 13538616079 relates to the Fuel Injector by supplier Continental Pisa. This part is used in production beginning with 02/2013. In addition component fuel injector with part number 13538616079 is used as replacement part in service in case fuel injector with part number 13537585261 original built in production by 02/2013 has to be replaced in service due to a malfunction. Component fuel injector with part number 13538616079 was/is working properly and had/has in general no malfunction. Analyses have shown that the original built fuel injector with part number 13537585261 was replaced in service by fuel injector with part number 13538616079 in about 85% due to a malfunction including storage of a corresponding fault code including MIL illumination. Main reason for replacement of fuel injectors in field are variations in the production process by the supplier, which could lead to following malfunctions of the fuel injector (including fault code storage and MIL activation): 1) Gelation of the compensator could occur after a dead time of 2 up to 3 years due to oxygen entered in the compensator oil of the fuel injector. 2) Leakages of the fuel injector at the tip of the injection needle (¿tip leak¿) due to cracked filter caused by particle inside the injector. In the other about 15% of all cases the component fuel injector was replaced without having a malfunction (no corresponding fault code storage and MIL illumination).
1061	The affected part number 13538616079 relates to the Fuel Injector by supplier Continental Pisa. This part is used in production beginning with 02/2013. In addition component fuel injector with part number 13538616079 is used as replacement part in service in case fuel injector with part number 13537585261 original built in production by 02/2013 has to be replaced in service due to a malfunction. Component fuel injector with part number 13538616079 was/is working properly and had/has in general no malfunction. Analyses have shown that the original built fuel injector with part number 13537585261 was replaced in service by fuel injector with part number 13538616079 in about 85% due to a malfunction including storage of a corresponding fault code including MIL illumination. Main reason for replacement of fuel injectors in field are variations in the production process by the supplier, which could lead to following malfunctions of the fuel injector (including fault code storage and MIL activation): 1) Gelation of the compensator could occur after a dead time of 2 up to 3 years due to oxygen entered in the compensator oil of the fuel injector. 2) Leakages of the fuel injector at the tip of the injection needle (¿tip leak¿) due to cracked filter caused by particle inside the injector. In the other about 15% of all cases the component fuel injector was replaced without having a malfunction (no corresponding fault code storage and MIL illumination).

	V
1055	The corrective measure consists of extending the emissions warranty for the affected NVLD module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BMW will also
1056	The corrective measure consists of extending the emissions warranty for the affected NVLD module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BMW will also
1057	The corrective measure consists of extending the emissions warranty for the affected NVLD module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BMW will also
1058	The corrective measure consists of extending the emissions warranty for the affected SCR Supply Module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
1059	The corrective measure consists of extending the emissions warranty for the affected Leak Detection Module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BMW
1060	BMW will conduct a voluntary emission recall for all affected X5 xDrive M and X6 xDrive M models listed in MY 2010 Test Group ABMXT04.4S63, MY 2011 Test Group BBMXT04.4S63, MY 2012 Test Group CBMXT04.4S63 and MY 2013 Test Group DBMXT04.4S63 (only up to production 02/2013) by robust hardware. Fuel injectors built a
1061	BMW will conduct a voluntary emission recall for all affected X5 xDrive M and X6 xDrive M models listed in MY 2010 Test Group ABMXT04.4S63, MY 2011 Test Group BBMXT04.4S63, MY 2012 Test Group CBMXT04.4S63 and MY 2013 Test Group DBMXT04.4S63 (only up to production 02/2013) by robust hardware. Fuel injectors built a

	W
1055	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1056	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1057	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1058	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1059	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1060	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1061	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.

	X
1055	not applicable
1056	not applicable
1057	not applicable
1058	not applicable
1059	not applicable
1060	Not applicable.
1061	Not applicable.

	Y
1055	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1056	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1057	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1058	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1059	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1060	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1061	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Z
1055	not applicable
1056	not applicable
1057	not applicable
1058	not applicable
1059	not applicable
1060	Not applicable.
1061	Not applicable.

	AA
1055	New parts are provided to all authorized BMW centers and MINI dealers via our service network.
1056	New parts are provided to all authorized BMW centers and MINI dealers via our service network.
1057	New parts are provided to all authorized BMW centers and MINI dealers via our service network.
1058	New parts are provided to all authorized BMW centers and MINI dealers via our service network.
1059	New parts are provided to all authorized BMW centers and MINI dealers via our service network.
1060	Fuel injectors (part#13538616079) are provided to all authorized BMW centers via our service network.
1061	Fuel injectors (part#13538616079) are provided to all authorized BMW centers via our service network.

	AB
1055	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1056	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1057	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1058	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1059	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1060	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1061	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.

	AC	AD	AE
1055	An impact on emission is possible.		6025
1056	An impact on emission is possible.		6025
1057	An impact on emission is possible.		6025
1058	This repair has no impact on emissions.		6026
1059	This repair has no impact on emissions.		6027
1060	This repair may impact emission/fuel economy.		6065
1061	This repair may impact emission/fuel economy.		6065

	AF	AG	AH	AI
1055		1	N	N
1056		1	N	N
1057		1	N	N
1058		1	N	N
1059		1	N	N
1060		1	N	N
1061		1	N	N

	AJ	AK	AL	AM
1055	N	N	250095	An impact on drivability is possible.
1056	N	N	250095	An impact on drivability is possible.
1057	N	N	250095	An impact on drivability is possible.
1058	N	N	250097	This repair has no impact on driveability.
1059	N	N	250098	This repair has no impact on driveability.
1060	N	N	252309	This repair has no adverse impact on driveability.
1061	N	N	252309	This repair has no adverse impact on driveability.

	AN	AO	AP	AQ	AR
1055	This repair has no impact on safety.	N	5790	1	0022,0102,0101,0112
1056	This repair has no impact on safety.	N	5790	1	0022,0102,0101,0112
1057	This repair has no impact on safety.	N	5790	1	0022,0102,0101,0112
1058	This repair has no impact on safety.	N	5791	1	0088
1059	This repair has no impact on safety.	N	5792	1	0089
1060	This repair has no adverse impact on safety.	N	5830	1	0116
1061	This repair has no adverse impact on safety.	N	5830	1	0116

	AS	AT	AU
1055	N		1
1056	N		1
1057	N		1
1058	N		1
1059	N		1
1060	N		1
1061	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1062	15936	2/17/2017	2011	BMX	16E-A01	Light-Duty Vehicles and Trucks	5256	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1063	15936	2/17/2017	2010	BMX	16E-A01	Light-Duty Vehicles and Trucks	5256	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1064	15965	2/27/2017	2013	HNX	WER-15-017-00	Light-Duty Vehicles and Trucks	13603	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
1065	15965	2/27/2017	2012	HNX	WER-15-017-00	Light-Duty Vehicles and Trucks	13603	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421
1066	15986	3/7/2017	2008	TYX	TOYOTA-VERR-20170307	Light-Duty Vehicles and Trucks	37300	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1067	15986	3/7/2017	2007	TYX	TOYOTA-VERR-20170307	Light-Duty Vehicles and Trucks	37300	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1068	15986	3/7/2017	2006	TYX	TOYOTA-VERR-20170307	Light-Duty Vehicles and Trucks	37300	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1069	16000	3/20/2017	2013	TYX	TOYOTA-VERR-20170320	Light-Duty Vehicles and Trucks	47300	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1070	16000	3/20/2017	2012	TYX	TOYOTA-VERR-20170320	Light-Duty Vehicles and Trucks	47300	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1071	16000	3/20/2017	2011	TYX	TOYOTA-VERR-20170320	Light-Duty Vehicles and Trucks	47300	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1072	16000	3/20/2017	2010	TYX	TOYOTA-VERR-20170320	Light-Duty Vehicles and Trucks	47300	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1073	16319	7/6/2017	2018	VGA	VG-0013	Light-Duty Vehicles and Trucks	561	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203
1074	16376	7/19/2017	2017	HNX	VERR-17-007	Light-Duty Vehicles and Trucks	24128	Y					Mr Matthew Hinsley	matthew_hinsley@ahm.honda.com	310 781-6397

	P	Q	R	S	T
1062	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	2/17/2017	2017	1601
1063	Carlheinz.Bayer@bmwna.com	Fuel Delivery Component	2/17/2017	2017	1601
1064		Ignition Component	3/7/2017	2017	19
1065		Ignition Component	3/7/2017	2017	19
1066	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Exhaust System	2/15/2017	2017	1701
1067	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Exhaust System	2/15/2017	2017	1701
1068	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Exhaust System	2/15/2017	2017	1701
1069	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	2/28/2017	2017	1702
1070	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	2/28/2017	2017	1702
1071	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	2/28/2017	2017	1702
1072	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Secondary Air System	2/28/2017	2017	1702
1073		Emission Control Information Label	8/1/2017	2017	13
1074		Fuel Delivery Component	8/21/2017	2017	25

	U
1062	The affected part number 13538616079 relates to the Fuel Injector by supplier Continental Pisa. This part is used in production beginning with 02/2013. In addition component fuel injector with part number 13538616079 is used as replacement part in service in case fuel injector with part number 13537585261 original built in production by 02/2013 has to be replaced in service due to a malfunction. Component fuel injector with part number 13538616079 was/is working properly and had/has in general no malfunction. Analyses have shown that the original built fuel injector with part number 13537585261 was replaced in service by fuel injector with part number 13538616079 in about 85% due to a malfunction including storage of a corresponding fault code including MIL illumination. Main reason for replacement of fuel injectors in field are variations in the production process by the supplier, which could lead to following malfunctions of the fuel injector (including fault code storage and MIL activation): 1) Gelation of the compensator could occur after a dead time of 2 up to 3 years due to oxygen entered in the compensator oil of the fuel injector. 2) Leakages of the fuel injector at the tip of the injection needle (¿tip leak¿) due to cracked filter caused by particle inside the injector. In the other about 15% of all cases the component fuel injector was replaced without having a malfunction (no corresponding fault code storage and MIL illumination).
1063	The affected part number 13538616079 relates to the Fuel Injector by supplier Continental Pisa. This part is used in production beginning with 02/2013. In addition component fuel injector with part number 13538616079 is used as replacement part in service in case fuel injector with part number 13537585261 original built in production by 02/2013 has to be replaced in service due to a malfunction. Component fuel injector with part number 13538616079 was/is working properly and had/has in general no malfunction. Analyses have shown that the original built fuel injector with part number 13537585261 was replaced in service by fuel injector with part number 13538616079 in about 85% due to a malfunction including storage of a corresponding fault code including MIL illumination. Main reason for replacement of fuel injectors in field are variations in the production process by the supplier, which could lead to following malfunctions of the fuel injector (including fault code storage and MIL activation): 1) Gelation of the compensator could occur after a dead time of 2 up to 3 years due to oxygen entered in the compensator oil of the fuel injector. 2) Leakages of the fuel injector at the tip of the injection needle (¿tip leak¿) due to cracked filter caused by particle inside the injector. In the other about 15% of all cases the component fuel injector was replaced without having a malfunction (no corresponding fault code storage and MIL illumination).
1064	Due to inappropriate specification of the piston oil ring, soot may intermittently deposit to oil ring which results in excessive consumption of the engine oil. The excess oil may foul the spark plug and result in pre-ignition which breaks the ground electrode. The broken ground electrode of the spark plug may be stuck in the exhaust
1065	Due to inappropriate specification of the piston oil ring, soot may intermittently deposit to oil ring which results in excessive consumption of the engine oil. The excess oil may foul the spark plug and result in pre-ignition which breaks the ground electrode. The broken ground electrode of the spark plug may be stuck in the exhaust
1066	Toyota has received reports that certain 2006 through 2008 Model Year RAV4 vehicles (equipped with a V6 (2GR) engine) operated in specific cold climate areas where high amounts of road salt are used (¿Cold Climate States¿) may exhibit more-than-normal corrosion to the vehicle¿s Center No.2 Exhaust Pipe sub-assembly (muff
1067	Toyota has received reports that certain 2006 through 2008 Model Year RAV4 vehicles (equipped with a V6 (2GR) engine) operated in specific cold climate areas where high amounts of road salt are used (¿Cold Climate States¿) may exhibit more-than-normal corrosion to the vehicle¿s Center No.2 Exhaust Pipe sub-assembly (muff
1068	Toyota has received reports that certain 2006 through 2008 Model Year RAV4 vehicles (equipped with a V6 (2GR) engine) operated in specific cold climate areas where high amounts of road salt are used (¿Cold Climate States¿) may exhibit more-than-normal corrosion to the vehicle¿s Center No.2 Exhaust Pipe sub-assembly (muff
1069	Under certain conditions, Lexus has received some reports of the illumination of the check engine light (Malfunction Indicator Lamp) due to moisture/water intrusion and/or debris from the air pump filter getting stuck in the Air Injection Pumps and Air Switching Valves. If this occurs, the vehicle Malfunction Indicator Lamp (MIL) may illuminate and Diagnostic Trouble Code (DTC) P0418, P2445, P2440 and P2442 may be set.
1070	Under certain conditions, Lexus has received some reports of the illumination of the check engine light (Malfunction Indicator Lamp) due to moisture/water intrusion and/or debris from the air pump filter getting stuck in the Air Injection Pumps and Air Switching Valves. If this occurs, the vehicle Malfunction Indicator Lamp (MIL) may illuminate and Diagnostic Trouble Code (DTC) P0418, P2445, P2440 and P2442 may be set.
1071	Under certain conditions, Lexus has received some reports of the illumination of the check engine light (Malfunction Indicator Lamp) due to moisture/water intrusion and/or debris from the air pump filter getting stuck in the Air Injection Pumps and Air Switching Valves. If this occurs, the vehicle Malfunction Indicator Lamp (MIL) may illuminate and Diagnostic Trouble Code (DTC) P0418, P2445, P2440 and P2442 may be set.
1072	Under certain conditions, Lexus has received some reports of the illumination of the check engine light (Malfunction Indicator Lamp) due to moisture/water intrusion and/or debris from the air pump filter getting stuck in the Air Injection Pumps and Air Switching Valves. If this occurs, the vehicle Malfunction Indicator Lamp (MIL) may illuminate and Diagnostic Trouble Code (DTC) P0418, P2445, P2440 and P2442 may be set.
1073	MY18 vehicles have been incorrectly labeled with MY 2017 Vehicle Emissions Control Information labels instead of the correct MY 2018 VECI. To correct this, a new label along with a new part number have been produced for MY 2018 vehicles. Production Part Number: 06M 010 533 Replacement Number: 06M 010 533 C
1074	Some vehicles were manufactured with fuel feed pipe which have incorrect bead shape. The incorrect bead shape lowers the holding force of the joint. The reduced holding force allows fuel pressure to separate the joint resulting in a fuel leak.

	V
1062	BMW will conduct a voluntary emission recall for all affected X5 xDrive M and X6 xDrive M models listed in MY 2010 Test Group ABMXT04.4S63, MY 2011 Test Group BBMXT04.4S63, MY 2012 Test Group CBMXT04.4S63 and MY 2013 Test Group DBMXT04.4S63 (only up to production 02/2013) by robust hardware. Fuel injectors built a
1063	BMW will conduct a voluntary emission recall for all affected X5 xDrive M and X6 xDrive M models listed in MY 2010 Test Group ABMXT04.4S63, MY 2011 Test Group BBMXT04.4S63, MY 2012 Test Group CBMXT04.4S63 and MY 2013 Test Group DBMXT04.4S63 (only up to production 02/2013) by robust hardware. Fuel injectors built a
1064	Dealers will conduct an engine oil consumption test, if determined necessary, replacement of all pistons, piston pins, rings and spark plugs.
1065	Dealers will conduct an engine oil consumption test, if determined necessary, replacement of all pistons, piston pins, rings and spark plugs.
1066	All known owners of affected vehicles will be notified via first class mail that there is a Special Service Campaign for inspection and repair of Exhaust Pipe Sub-Assembly(Muffler).
1067	All known owners of affected vehicles will be notified via first class mail that there is a Special Service Campaign for inspection and repair of Exhaust Pipe Sub-Assembly(Muffler).
1068	All known owners of affected vehicles will be notified via first class mail that there is a Special Service Campaign for inspection and repair of Exhaust Pipe Sub-Assembly(Muffler).
1069	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for repair of the Air Injection Pump and Air Switching Valves.
1070	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for repair of the Air Injection Pump and Air Switching Valves.
1071	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for repair of the Air Injection Pump and Air Switching Valves.
1072	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for repair of the Air Injection Pump and Air Switching Valves.
1073	Install applicable emissions labels via Service Action 50D3 with customer notification.
1074	The dealer will replace the fuel feed pipe with the correct bead shape, free of charge.

	W
1062	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1063	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1064	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
1065	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
1066	For owner name and address information Toyota utilizes IHS Markit Data as the primary source and supplements with Toyota Customer Central Data if IHS Markit Data is not available.
1067	For owner name and address information Toyota utilizes IHS Markit Data as the primary source and supplements with Toyota Customer Central Data if IHS Markit Data is not available.
1068	For owner name and address information Toyota utilizes IHS Markit Data as the primary source and supplements with Toyota Customer Central Data if IHS Markit Data is not available.
1069	For owner name and address information, Toyota utilizes IHS Markit Data as the primary source and supplements this with Toyota Customer Central Data, if IHS Markit Data is not available.
1070	For owner name and address information, Toyota utilizes IHS Markit Data as the primary source and supplements this with Toyota Customer Central Data, if IHS Markit Data is not available.
1071	For owner name and address information, Toyota utilizes IHS Markit Data as the primary source and supplements this with Toyota Customer Central Data, if IHS Markit Data is not available.
1072	For owner name and address information, Toyota utilizes IHS Markit Data as the primary source and supplements this with Toyota Customer Central Data, if IHS Markit Data is not available.
1073	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
1074	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.

	X
1062	Not applicable.
1063	Not applicable.
1064	The warranty extension is valid except for any vehicle that has ever been declared a total loss or sold for salvage by a financial institution or insurer, or has a branded, or similar title under any state's law.. Repair will be made free-of-charge.
1065	The warranty extension is valid except for any vehicle that has ever been declared a total loss or sold for salvage by a financial institution or insurer, or has a branded, or similar title under any state's law.. Repair will be made free-of-charge.
1066	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
1067	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
1068	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
1069	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
1070	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
1071	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
1072	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
1073	There are no maintenance or eligibility requirements.
1074	No preconditions exist for this repair.

	Y
1062	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1063	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1064	Owners will be notified by mail. Refer to attached owner notification letter. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
1065	Owners will be notified by mail. Refer to attached owner notification letter. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
1066	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
1067	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
1068	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
1069	The notification letter will include coverage of this warranty enhancement program.
1070	The notification letter will include coverage of this warranty enhancement program.
1071	The notification letter will include coverage of this warranty enhancement program.
1072	The notification letter will include coverage of this warranty enhancement program.
1073	Customers are asked to take their vehicle to an authorized dealer of the manufacturer to have them install the label as needed, with no additional cost. Affected Audi owners will be mailed a notification of recall on or about August XX, 2017. Enclosed are examples of Dealer Circulars and Customer Letters
1074	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.

	Z
1062	Not applicable.
1063	Not applicable.
1064	Work can only be performed by an authorized Honda dealership.
1065	Work can only be performed by an authorized Honda dealership.
1066	The repair will be performed at Toyota dealerships only, and will take approximately 1 and a half hour to inspection and repair the Muffler. However, depending upon the dealer¿s work schedule, the time spent in the dealership to complete the repair may be longer.
1067	The repair will be performed at Toyota dealerships only, and will take approximately 1 and a half hour to inspection and repair the Muffler. However, depending upon the dealer¿s work schedule, the time spent in the dealership to complete the repair may be longer.
1068	The repair will be performed at Toyota dealerships only, and will take approximately 1 and a half hour to inspection and repair the Muffler. However, depending upon the dealer¿s work schedule, the time spent in the dealership to complete the repair may be longer.
1069	The repair will be performed at Toyota or Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
1070	The repair will be performed at Toyota or Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
1071	The repair will be performed at Toyota or Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
1072	The repair will be performed at Toyota or Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
1073	It is anticipated that all affected vehicles repaired within this campaign will be remedied by authorized dealers of the manufacturer.
1074	Work can only be performed by an authorized Honda dealership

	AA
1062	Fuel injectors (part#13538616079) are provided to all authorized BMW centers via our service network.
1063	Fuel injectors (part#13538616079) are provided to all authorized BMW centers via our service network.
1064	Currently have a sufficient supply of replacement parts available.
1065	Currently have a sufficient supply of replacement parts available.
1066	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1067	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1068	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1069	There is sufficient inventory of the replacement parts to accommodate this recall.
1070	There is sufficient inventory of the replacement parts to accommodate this recall.
1071	There is sufficient inventory of the replacement parts to accommodate this recall.
1072	There is sufficient inventory of the replacement parts to accommodate this recall.
1073	A supply of labels will be sent to dealers with affected inventory prior to launch. Additional labels can be ordered through the Compliance Label Ordering Portal on vwhub.com.
1074	Parts will be in limited supply until the end of August and limited distribution. After the 4th week of August the repair parts supply is expected to be readily available

	AB
1062	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1063	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1064	Attachments: Customer Letter Honda Product Update TSB 16-101 Honda is submitting the enclosed Warranty Extension Report (WER) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
1065	Attachments: Customer Letter Honda Product Update TSB 16-101 Honda is submitting the enclosed Warranty Extension Report (WER) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
1066	Other: VERR signed letter
1067	Other: VERR signed letter
1068	Other: VERR signed letter
1069	Other: Signed VERR letter
1070	Other: Signed VERR letter
1071	Other: Signed VERR letter
1072	Other: Signed VERR letter
1073	Forwarding Letter - CBI
1074	Related Documents: Customer Notification Honda Service Bulletin 17-062

	AC	AD	AE
1062	This repair may impact emission/fuel economy.		6065
1063	This repair may impact emission/fuel economy.		6065
1064	None.		6105
1065	None.		6105
1066	This repair will not affect fuel consumption.		6145
1067	This repair will not affect fuel consumption.		6145
1068	This repair will not affect fuel consumption.		6145
1069	This repair will not affect fuel consumption.		6165
1070	This repair will not affect fuel consumption.		6165
1071	This repair will not affect fuel consumption.		6165
1072	This repair will not affect fuel consumption.		6165
1073	Not applicable		6425
1074	No impact on fuel economy.		6485

	AF	AG	AH	AI
1062		1	N	N
1063		1	N	N
1064		2	Y	N
1065		2	Y	N
1066		4	Y	Y
1067		4	Y	Y
1068		4	Y	Y
1069		4	Y	N
1070		4	Y	N
1071		4	Y	N
1072		4	Y	N
1073		2	Y	N
1074		2	Y	N

	AJ	AK	AL	AM
1062	N	N	252309	This repair has no adverse impact on driveability.
1063	N	N	252309	This repair has no adverse impact on driveability.
1064	N	N	253131	None.
1065	N	N	253131	None.
1066	N	Y	254016	This repair will not affect drivability.
1067	N	Y	254016	This repair will not affect drivability.
1068	N	Y	254016	This repair will not affect drivability.
1069	N	Y	255366	This repair will not affect driveability.
1070	N	Y	255366	This repair will not affect driveability.
1071	N	Y	255366	This repair will not affect driveability.
1072	N	Y	255366	This repair will not affect driveability.
1073	N	Y	268845	Not applicable
1074	N	N	270940	No impact on drivability.

	AN	AO	AP	AQ	AR
1062	This repair has no adverse impact on safety.	N	5830	1	0116
1063	This repair has no adverse impact on safety.	N	5830	1	0116
1064	None.	Y	5850	0	0068
1065	None.	Y	5850	0	0068
1066	This repair will not affect safety.	N	5870	0	0014
1067	This repair will not affect safety.	N	5870	0	0014
1068	This repair will not affect safety.	N	5870	0	0014
1069	This repair will not affect safety.	Y	5890	0	0004
1070	This repair will not affect safety.	Y	5890	0	0004
1071	This repair will not affect safety.	Y	5890	0	0004
1072	This repair will not affect safety.	Y	5890	0	0004
1073	Not applicable	N	6175	0	0025
1074	Reduced risk of fire by eliminating the potential for a fuel leak.	Y	6230	0	0094

	AS	AT	AU
1062	N		1
1063	N		1
1064	N	3/8/2017	1
1065	N	3/8/2017	1
1066	Y		1
1067	Y		1
1068	Y		1
1069	Y		1
1070	Y		1
1071	Y		1
1072	Y		1
1073	N	8/30/2017	1
1074	N	10/27/2017	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1075	16283	6/21/2017	2016	FMX	17E01	Light-Duty Vehicles and Trucks	43379	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1076	16283	6/21/2017	2017	FMX	17E01	Light-Duty Vehicles and Trucks	43379	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1077	16285	6/23/2017	2017	BMX	17E-A02	Light-Duty Vehicles and Trucks	447	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1078	16286	6/23/2017	2017	BMX	17E-A01	Light-Duty Vehicles and Trucks	1379	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1079	16286	6/23/2017	2016	BMX	17E-A01	Light-Duty Vehicles and Trucks	1379	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1080	16359	7/13/2017	2017	HNX	VERR-17-006	Light-Duty Vehicles and Trucks	193	Y					Mr Matthew Hinsley	matthew_hinsley@ahm.honda.com	310 781-6397
1081	16237	6/5/2017	2017	CRX	T15	Light-Duty Vehicles and Trucks	27018	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
1082	16237	6/5/2017	2016	CRX	T15	Light-Duty Vehicles and Trucks	27018	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469
1083	16956	1/11/2018	2015	TYX	TOYOTA-VERR-20180111	Light-Duty Vehicles and Trucks	39618	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1084	16956	1/11/2018	2014	TYX	TOYOTA-VERR-20180111	Light-Duty Vehicles and Trucks	39618	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1085	16956	1/11/2018	2013	TYX	TOYOTA-VERR-20180111	Light-Duty Vehicles and Trucks	39618	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1086	16956	1/11/2018	2012	TYX	TOYOTA-VERR-20180111	Light-Duty Vehicles and Trucks	39618	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1087	16962	1/16/2018	2016	GMX	1346	Light-Duty Vehicles and Trucks	554	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1088	16962	1/16/2018	2015	GMX	1346	Light-Duty Vehicles and Trucks	554	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1089	16962	1/16/2018	2014	GMX	1346	Light-Duty Vehicles and Trucks	554	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1090	16962	1/16/2018	2013	GMX	1346	Light-Duty Vehicles and Trucks	554	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1091	16962	1/16/2018	2012	GMX	1346	Light-Duty Vehicles and Trucks	554	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200

	P	Q	R	S	T
1075		On-Board Diagnostic (OBD) System	5/31/2017	2017	1701
1076		On-Board Diagnostic (OBD) System	5/31/2017	2017	1701
1077	Maria.V.Nizhegorodova@bmwnaext.com	Evaporative Emissions Systems	6/5/2017	2017	6
1078	Maria.V.Nizhegorodova@bmwnaext.com	Hybrid Vehicle Component/System	6/6/2017	2017	8
1079	Maria.V.Nizhegorodova@bmwnaext.com	Hybrid Vehicle Component/System	6/6/2017	2017	8
1080		Evaporative Emissions Systems	7/31/2017	2017	24
1081	dennis.rakicki@fcagroup.com	Fuel Delivery Component	6/1/2017	2017	1715
1082	dennis.rakicki@fcagroup.com	Fuel Delivery Component	6/1/2017	2017	1715
1083	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Hybrid Vehicle Component/System	1/4/2018	2018	1801
1084	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Hybrid Vehicle Component/System	1/4/2018	2018	1801
1085	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Hybrid Vehicle Component/System	1/4/2018	2018	1801
1086	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Hybrid Vehicle Component/System	1/4/2018	2018	1801
1087		Fuel Tank Component	1/10/2018	2018	1346
1088		Fuel Tank Component	1/10/2018	2018	1346
1089		Fuel Tank Component	1/10/2018	2018	1346
1090		Fuel Tank Component	1/10/2018	2018	1346
1091		Fuel Tank Component	1/10/2018	2018	1346

	U
1075	Some 2017 MY 2.7L F-150 gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range ambient air temperature (AAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or associated diagnostic trouble codes. Some 2016 MY 2.7L F-150 GTDI vehicles were also serviced with this calibration. Note: 2016 MY 2.7L F-150 GTDI vehicles were built with a calibration that is able to detect in-range AAT sensor faults (i.e., only serviced 2016 MY vehicles are affected).
1076	Some 2017 MY 2.7L F-150 gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range ambient air temperature (AAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or associated diagnostic trouble codes. Some 2016 MY 2.7L F-150 GTDI vehicles were also serviced with this calibration. Note: 2016 MY 2.7L F-150 GTDI vehicles were built with a calibration that is able to detect in-range AAT sensor faults (i.e., only serviced 2016 MY vehicles are affected).
1077	Because of a quality check problem within the supply chain, serious damaged charcoil canisters have been used in production from 02/03/2017 till 02/07/2017. Affected are models from model year 2017 test groups HBMXJ02.0N20 and HBMXT03.0N55 as listed below. OBD II system evaporative leak detection diagnosis has ident
1078	BMW has identified a problem within control module Standard Charging Electronic during charging process for models produced from 06/2016 till 12/2016. The failure could be described as follows: Within 10 seconds after ramp up charging power the charging process is stopped. A red signal light (corona) indicates this break and a fault code is stored. At next driving cycle the customer will have no electrical power as expected for driving. Conventional driving is still possible and recuperation is not affected by this failure. The failure occurs at random level and so is not persistently indicated. In such cases charging is possible.
1079	BMW has identified a problem within control module Standard Charging Electronic during charging process for models produced from 06/2016 till 12/2016. The failure could be described as follows: Within 10 seconds after ramp up charging power the charging process is stopped. A red signal light (corona) indicates this break and a fault code is stored. At next driving cycle the customer will have no electrical power as expected for driving. Conventional driving is still possible and recuperation is not affected by this failure. The failure occurs at random level and so is not persistently indicated. In such cases charging is possible.
1080	The engine fuel feed hose and fuel purge hose may have been misrouted during vehicle assembly. Due to engine vibration, misrouted hoses can become damaged and may cause a fuel leak.
1081	On some 2016 MY RAM 1500 vehicles equipped with a 5.7L engine (sales code EZH) and six speed automatic transmission (sales code DG1), and some 2016 MY RAM 2500 and RAM 3500 vehicles equipped with a 5.7L (sales codes EZH or EZC) or 6.4L engine (sales code ESA or ESB) with a six speed automatic transmission (sales code
1082	On some 2016 MY RAM 1500 vehicles equipped with a 5.7L engine (sales code EZH) and six speed automatic transmission (sales code DG1), and some 2016 MY RAM 2500 and RAM 3500 vehicles equipped with a 5.7L (sales codes EZH or EZC) or 6.4L engine (sales code ESA or ESB) with a six speed automatic transmission (sales code
1083	This recall involves the replacement of the Electronic Vehicle (EV) fuse with an improved one at no charge to the customer. The hybrid system on the involved vehicles contains an EV fuse which may malfunction if the vehicle is repeatedly operated by the electric motor under high-load driving conditions, such as during a long hill c
1084	This recall involves the replacement of the Electronic Vehicle (EV) fuse with an improved one at no charge to the customer. The hybrid system on the involved vehicles contains an EV fuse which may malfunction if the vehicle is repeatedly operated by the electric motor under high-load driving conditions, such as during a long hill c
1085	This recall involves the replacement of the Electronic Vehicle (EV) fuse with an improved one at no charge to the customer. The hybrid system on the involved vehicles contains an EV fuse which may malfunction if the vehicle is repeatedly operated by the electric motor under high-load driving conditions, such as during a long hill c
1086	This recall involves the replacement of the Electronic Vehicle (EV) fuse with an improved one at no charge to the customer. The hybrid system on the involved vehicles contains an EV fuse which may malfunction if the vehicle is repeatedly operated by the electric motor under high-load driving conditions, such as during a long hill c
1087	General Motors is submitting this VERR for these General Motors LPG fuel vehicles on behalf of the Emissions Certificate holder, Clean Fuel USA, a company the assets of which have been acquired by Agility Fuel Solutions. The LPG fuel pump located in the LPG fuel tank can become inoperative due to weld slag internal to the fuel tank being ingested in the LPG fuel pump resulting in excessive wear of internal fuel pump components
1088	General Motors is submitting this VERR for these General Motors LPG fuel vehicles on behalf of the Emissions Certificate holder, Clean Fuel USA, a company the assets of which have been acquired by Agility Fuel Solutions. The LPG fuel pump located in the LPG fuel tank can become inoperative due to weld slag internal to the fuel tank being ingested in the LPG fuel pump resulting in excessive wear of internal fuel pump components
1089	General Motors is submitting this VERR for these General Motors LPG fuel vehicles on behalf of the Emissions Certificate holder, Clean Fuel USA, a company the assets of which have been acquired by Agility Fuel Solutions. The LPG fuel pump located in the LPG fuel tank can become inoperative due to weld slag internal to the fuel tank being ingested in the LPG fuel pump resulting in excessive wear of internal fuel pump components
1090	General Motors is submitting this VERR for these General Motors LPG fuel vehicles on behalf of the Emissions Certificate holder, Clean Fuel USA, a company the assets of which have been acquired by Agility Fuel Solutions. The LPG fuel pump located in the LPG fuel tank can become inoperative due to weld slag internal to the fuel tank being ingested in the LPG fuel pump resulting in excessive wear of internal fuel pump components
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	V
1075	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
1076	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
1077	BMW stopped delivery of affected vehicles to replace the damaged charcoal canisters and will announce a voluntary emission recall to customers who purchased vehicles with damaged charcoal canisters.
1078	BMW will correct the problem by replacing the SCE module which causes the problem by a new and robust part.
1079	BMW will correct the problem by replacing the SCE module which causes the problem by a new and robust part.
1080	The dealer will inspect and, if necessary, replace the fuel feed hose and fuel purge hose.
1081	FCA US will conduct a Customer satisfaction notice (T15) on all affected vehicles in to replace the transmission solenoid.
1082	FCA US will conduct a Customer satisfaction notice (T15) on all affected vehicles in to replace the transmission solenoid.
1083	Toyota began notifying owners on January 4, 2018. Toyota makes significant effort to obtain current customer name and address information from each state through industry resources when mailing owner letters. In the event a dealership receives a notice for a vehicle that was sold prior to the Safety Recall announcement, it is
1084	Toyota began notifying owners on January 4, 2018. Toyota makes significant effort to obtain current customer name and address information from each state through industry resources when mailing owner letters. In the event a dealership receives a notice for a vehicle that was sold prior to the Safety Recall announcement, it is
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1087	General Motors will conduct a Voluntary Emissions Recall to replace the fuel pump module located in the LPG fuel tank with an improved part. The new fuel pump part has an intake strainer assembly with a finer mesh to reduce the amount of slag ingested by the pump and improved internal design that is robust to ingested slag
1088	General Motors will conduct a Voluntary Emissions Recall to replace the fuel pump module located in the LPG fuel tank with an improved part. The new fuel pump part has an intake strainer assembly with a finer mesh to reduce the amount of slag ingested by the pump and improved internal design that is robust to ingested slag
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	W
1075	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1076	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1077	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1078	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
1079	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
1080	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
1081	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
1082	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
1083	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
1084	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
1085	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
1086	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
1087	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
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	X
1075	Eligibility for this program is not conditioned upon proper maintenance or use.
1076	Eligibility for this program is not conditioned upon proper maintenance or use.
1077	Not applicable.
1078	Not applicable.
1079	Not applicable.
1080	No preconditions exist. The inspection and possible repair will be completed free of charge.
1081	None.
1082	None.
1083	No special conditions are required for eligibility of repair under this H0R program.
1084	No special conditions are required for eligibility of repair under this H0R program.
1085	No special conditions are required for eligibility of repair under this H0R program.
1086	No special conditions are required for eligibility of repair under this H0R program.
1087	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
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	Y
1075	See Owner Notification Letter.
1076	See Owner Notification Letter.
1077	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1078	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1079	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1080	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Acura dealer and make an appointment to have the vehicle repaired.
1081	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
1082	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
1083	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
1084	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
1085	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
1086	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
1087	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
1088	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
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	Z
1075	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1076	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1077	Not applicable.
1078	Not applicable.
1079	Not applicable.
1080	Work can only be performed by an authorized Acura dealership.
1081	None.
1082	None.
1083	The repair takes approximately one and a half hours. However, depending upon the dealerźs work schedule, it may be necessary to make the vehicle available for a longer period of time.
1084	The repair takes approximately one and a half hours. However, depending upon the dealerźs work schedule, it may be necessary to make the vehicle available for a longer period of time.
1085	The repair takes approximately one and a half hours. However, depending upon the dealerźs work schedule, it may be necessary to make the vehicle available for a longer period of time.
1086	The repair takes approximately one and a half hours. However, depending upon the dealerźs work schedule, it may be necessary to make the vehicle available for a longer period of time.
1087	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1088	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1089	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1090	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1091	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.

	AA
1075	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
1076	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
1077	The software update is provided to all authorized BMW centers via our service network.
1078	New SCE modules are provided to all authorized BMW centers via our service network.
1079	New SCE modules are provided to all authorized BMW centers via our service network.
1080	Currently have a sufficient supply of replacement fuel and purge hoses available.
1081	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
1082	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
1083	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1084	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1085	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1086	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1087	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
1088	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
1089	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
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1091	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.

	AB
1075	
1076	
1077	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at 201-571-5193.
1078	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1079	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1080	Related Documents: Customer Notification - Draft Acura Service Bulletin 17-029
1081	
1082	
1083	Other: Signed VERR letter
1084	Other: Signed VERR letter
1085	Other: Signed VERR letter
1086	Other: Signed VERR letter
1087	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
1088	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
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	AC	AD	AE
1075	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6386
1076	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6386
1077	This repair has no adverse impact on fuel economy.		6387
1078	This repair has no adverse impact on fuel economy.		6388
1079	This repair has no adverse impact on fuel economy.		6388
1080	None		6465
1081	None.		6345
1082	None.		6345
1083	This repair will not affect fuel economy.		6925
1084	This repair will not affect fuel economy.		6925
1085	This repair will not affect fuel economy.		6925
1086	This repair will not affect fuel economy.		6925
1087	The proposed changes have no impact on fuel economy.		6928
1088	The proposed changes have no impact on fuel economy.		6928
1089	The proposed changes have no impact on fuel economy.		6928
1090	The proposed changes have no impact on fuel economy.		6928
1091	The proposed changes have no impact on fuel economy.		6928

	AF	AG	AH	AI
1075		3	Y	Y
1076		3	Y	Y
1077		0	N	N
1078		0	N	N
1079		0	N	N
1080		2	Y	N
1081	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
1082	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
1083		2	Y	Y
1084		2	Y	Y
1085		2	Y	Y
1086		2	Y	Y
1087		1	N	N
1088		1	N	N
1089		1	N	N
1090		1	N	N
1091		1	N	N

	AJ	AK	AL	AM
1075	N	N	266866	Ford engineering judgment indicates that the corrective action should not affect drivability.
1076	N	N	266866	Ford engineering judgment indicates that the corrective action should not affect drivability.
1077	N	N	267341	This repair has no adverse impact on driveability.
1078	N	N	267343	This repair has no adverse impact on driveability.
1079	N	N	267343	This repair has no adverse impact on driveability.
1080	N	N	270204	None
1081	N	N	264893	None.
1082	N	N	264893	None.
1083	N	Y	301137	This repair will not affect driveability.
1084	N	Y	301137	This repair will not affect driveability.
1085	N	Y	301137	This repair will not affect driveability.
1086	N	Y	301137	This repair will not affect driveability.
1087	N	N	301448	The proposed changes have no impact on drivability.
1088	N	N	301448	The proposed changes have no impact on drivability.
1089	N	N	301448	The proposed changes have no impact on drivability.
1090	N	N	301448	The proposed changes have no impact on drivability.
1091	N	N	301448	The proposed changes have no impact on drivability.

	AN	AO	AP	AQ	AR
1075	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6131	0	1702
1076	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6131	0	1702
1077	This repair has no adverse impact on safety.	N	6132	0	0174
1078	This repair has no adverse impact on safety.	N	6133	0	0170
1079	This repair has no adverse impact on safety.	N	6133	0	0170
1080	Reduce the risk of a fire.	Y	6210	0	0093
1081	None.	N	6090	0	1622
1082	None.	N	6090	0	1622
1083	Safety is affected.	N	6670	0	1706
1084	Safety is affected.	N	6670	0	1706
1085	Safety is affected.	N	6670	0	1706
1086	Safety is affected.	N	6670	0	1706
1087	The proposed changes have no impact safety.	N	6673	0	1346
1088	The proposed changes have no impact safety.	N	6673	0	1346
1089	The proposed changes have no impact safety.	N	6673	0	1346
1090	The proposed changes have no impact safety.	N	6673	0	1346
1091	The proposed changes have no impact safety.	N	6673	0	1346

	AS	AT	AU
1075	Y		1
1076	Y		1
1077	N		1
1078	N		1
1079	N		1
1080	N		1
1081	Y	6/2/2017	1
1082	Y	6/2/2017	1
1083	Y		1
1084	Y		1
1085	Y		1
1086	Y		1
1087	Y		1
1088	Y		1
1089	Y		1
1090	Y		1
1091	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1092	16507	8/16/2017	2015	CEX	T05	Light-Duty Vehicles and Trucks	88419	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
1093	16507	8/16/2017	2014	CEX	T05	Light-Duty Vehicles and Trucks	88419	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
1094	16507	8/16/2017	2013	CEX	T05	Light-Duty Vehicles and Trucks	88419	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
1095	16737	11/6/2017	2018	GMX	1345	Light-Duty Vehicles and Trucks	119365	N					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1096	16737	11/6/2017	2017	GMX	1345	Light-Duty Vehicles and Trucks	119365	N					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1097	16739	11/6/2017	2016	TYX	TOYOTA-VERR-20171106	Light-Duty Vehicles and Trucks	6	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1098	16997	1/22/2018	2017	TYX	TOYOTA-VERR-20180122	Light-Duty Vehicles and Trucks	2544	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1099	16997	1/22/2018	2016	TYX	TOYOTA-VERR-20180122	Light-Duty Vehicles and Trucks	2544	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1100	16998	1/22/2018	2017	BMX	17E-A04	Light-Duty Vehicles and Trucks	1311	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1101	16999	1/22/2018	2014	BMX	17E-W02	Light-Duty Vehicles and Trucks	168752	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1102	16999	1/22/2018	2013	BMX	17E-W02	Light-Duty Vehicles and Trucks	168752	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1103	16999	1/22/2018	2012	BMX	17E-W02	Light-Duty Vehicles and Trucks	168752	N					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1104	17000	1/22/2018	2014	BMX	17E-W10	Light-Duty Vehicles and Trucks	17292	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1105	16086	4/14/2017	2017	TYX	TOYOTA-VERR-20170414	Light-Duty Vehicles and Trucks	1227	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1106	16086	4/14/2017	2016	TYX	TOYOTA-VERR-20170414	Light-Duty Vehicles and Trucks	1227	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1107	16816	11/29/2017	2011	ADX	AD-0020	Light-Duty Vehicles and Trucks	11088	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1108	16816	11/29/2017	2010	ADX	AD-0020	Light-Duty Vehicles and Trucks	11088	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203

	P	Q	R	S	T
1092		Selective Catalytic Reduction System	7/27/2017	2017	10
1093		Selective Catalytic Reduction System	7/27/2017	2017	10
1094		Selective Catalytic Reduction System	7/27/2017	2017	10
1095		On-Board Diagnostic (OBD) System	11/1/2017	2017	1345
1096		On-Board Diagnostic (OBD) System	11/1/2017	2017	1345
1097	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Hybrid Vehicle Component/System	10/18/2017	2017	1710
1098	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Computer Related (Other than OBD)	1/10/2018	2018	1802
1099	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Computer Related (Other than OBD)	1/10/2018	2018	1802
1100	Maria.V.Nizhegorodova@bmwnaext.com	Emission Control Information Label	12/5/2017	2017	27
1101	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	7/21/2017	2017	26
1102	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	7/21/2017	2017	26
1103	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	7/21/2017	2017	26
1104	Maria.V.Nizhegorodova@bmwnaext.com	Fuel Delivery Component	11/6/2017	2017	25
1105	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Computer Related (Other than OBD)	4/14/2017	2017	1704
1106	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Computer Related (Other than OBD)	4/14/2017	2017	1704
1107	N/A	Catalyst/Aftertreatment Component/System (non-diesel engine)	12/29/2017	2017	20
1108	N/A	Catalyst/Aftertreatment Component/System (non-diesel engine)	12/29/2017	2017	20

	U
1092	At high mileage some MY2013 through MY2015 Ram 3500 Pickup vehicles may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust
1093	At high mileage some MY2013 through MY2015 Ram 3500 Pickup vehicles may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust
1094	At high mileage some MY2013 through MY2015 Ram 3500 Pickup vehicles may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust
1095	The engine control module does not properly diagnose and illuminate the MIL for certain open or short circuit faults in the particulate matter sensor circuits.
1096	The engine control module does not properly diagnose and illuminate the MIL for certain open or short circuit faults in the particulate matter sensor circuits.
1097	The hybrid system in the involved vehicles contains an inverter assembly that may not have been properly assembled. This may cause components in the inverter assembly to become damaged during normal vehicle operation. Under certain conditions, this can lead to a hybrid system shut down. While power steering and brakin
1098	The subject vehicles are voluntarily equipped with an event data recorder (EDR). The EDR collects, stores, and allows retrieval of vehicle event data, including crash events. It DOES NOT control the operation of the vehicle or any crash safety systems. Due to a software error, the EDR data for ¿Accelerator Pedal, % Full¿ will show a
1099	The subject vehicles are voluntarily equipped with an event data recorder (EDR). The EDR collects, stores, and allows retrieval of vehicle event data, including crash events. It DOES NOT control the operation of the vehicle or any crash safety systems. Due to a software error, the EDR data for ¿Accelerator Pedal, % Full¿ will show a
1100	Due to a logistic failure the MY2018 Vehicle Emission Control Information (VECI) Label was inadvertently affixed to 1311 MY2017 X5 and X6 series models (about 102 X6 models and 1209 X5 models) produced between 6st and 24th of August 2017. That means the MY2018 VECI label was affixed instead of the correct MY2017 VECI L
1101	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
1102	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
1103	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
1104	Due to poor lubrication and resulting damage of the high pressure fuel pump resulted from a low grade fuel, swarf can be distributed throughout the entire fuel system of the vehicle. This in turn may lead to further consequential damage.
1105	Under unique driving conditions, such as if the accelerator pedal is depressed to the wide open throttle position after driving on a long descent while using cruise control, there is a possibility that a warning light will illuminate, a message will be displayed on the instrument panel, and the fuel cell system will stop running. If the fuel cell system stops running, electric power steering and the brakes will function normally. The fuel cell system can be restarted after the vehicle is stopped. Also, if the fuel cell system is turned on immediately after refueling, the fuel cell control module may improperly determine that the vehicle is still being refueled and turn off the fuel cell system, also disabling the electric power assisted steering. The vehicle can then be restarted after this occurs.
1106	Under unique driving conditions, such as if the accelerator pedal is depressed to the wide open throttle position after driving on a long descent while using cruise control, there is a possibility that a warning light will illuminate, a message will be displayed on the instrument panel, and the fuel cell system will stop running. If the fuel cell system stops running, electric power steering and the brakes will function normally. The fuel cell system can be restarted after the vehicle is stopped. Also, if the fuel cell system is turned on immediately after refueling, the fuel cell control module may improperly determine that the vehicle is still being refueled and turn off the fuel cell system, also disabling the electric power assisted steering. The vehicle can then be restarted after this occurs.
1107	During IUVP emissions testing, test group *ADXV04.2365 (MY 2008 - 2011) showed HC and NOx values over the standards. Analysis: Tested catalytic converters with precious metal loading of 80g /ft3 wash coat were showing phosphor film at the front zone area. At higher mileage, and in particular during a cold start and warm up phase, this may influence catalyst ¿light off¿ characteristics which may lead to increased HC and NOx levels in excess of standards. Oxygen storage capacity from the catalytic converter is not noticeably reduced. Component: Catalytic Converter Production Part Number (with 80g precious metal load): 2008, S5 - 8K0.254.250 M(X) & 200C(X) 2008, A6/A8 - 079.252.019 HX / 020HX 2009-10, S5 - 8K0.254.250 MX & 200CX 2009-10, A6 - 079.252.019 HX / 020HX 2011, A6 - 079.252.019 HX / 020HX Improved Part Numbers: 2008, A8 - 079.253.019 J & 079.253.020 J 2008-11, A6 - 079.253.019 J & 079.253.020 J 2008-10, S5 - 8K0.254.252 B & 8K0.254.200 L
1108	During IUVP emissions testing, test group *ADXV04.2365 (MY 2008 - 2011) showed HC and NOx values over the standards. Analysis: Tested catalytic converters with precious metal loading of 80g /ft3 wash coat were showing phosphor film at the front zone area. At higher mileage, and in particular during a cold start and warm up phase, this may influence catalyst ¿light off¿ characteristics which may lead to increased HC and NOx levels in excess of standards. Oxygen storage capacity from the catalytic converter is not noticeably reduced. Component: Catalytic Converter Production Part Number (with 80g precious metal load): 2008, S5 - 8K0.254.250 M(X) & 200C(X) 2008, A6/A8 - 079.252.019 HX / 020HX 2009-10, S5 - 8K0.254.250 MX & 200CX 2009-10, A6 - 079.252.019 HX / 020HX 2011, A6 - 079.252.019 HX / 020HX Improved Part Numbers: 2008, A8 - 079.253.019 J & 079.253.020 J 2008-11, A6 - 079.253.019 J & 079.253.020 J 2008-10, S5 - 8K0.254.252 B & 8K0.254.200 L

	V
1092	Cummins Inc. (¿Cummins¿) and FCA US LLC (¿FCA¿), will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
1093	Cummins Inc. (¿Cummins¿) and FCA US LLC (¿FCA¿), will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
1094	Cummins Inc. (¿Cummins¿) and FCA US LLC (¿FCA¿), will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
1095	General Motors will conduct a Voluntary Emissions Recall to program the ECM with software and calibrations that properly diagnose particulate matter sensor circuit faults. Additional vehicles models that were identified in EDIR 1345 will be added to this recall after the remedy software and calibration have been validated for
1096	General Motors will conduct a Voluntary Emissions Recall to program the ECM with software and calibrations that properly diagnose particulate matter sensor circuit faults. Additional vehicles models that were identified in EDIR 1345 will be added to this recall after the remedy software and calibration have been validated for
1097	The Toyota Customer Experience Center will call all vehicle owners to inform them that their vehicle is involved in this Safety Recall and to assist in scheduling an appointment at the dealer. Any owner whose vehicle has not been repaired by early December 2017 will be contacted via first class mail. Any authorized Toyota deale
1098	Toyota will send an owner notification by first class mail starting in mid-January 2018, advising owners to make an appointment with their authorized Toyota dealer to have the EV Control ECU software update performed at NO CHARGE.
1099	Toyota will send an owner notification by first class mail starting in mid-January 2018, advising owners to make an appointment with their authorized Toyota dealer to have the EV Control ECU software update performed at NO CHARGE.
1100	The corrective measure consists of replacing the originally affixed vehicle MY2018 emission control information label with the correct MY2017 label.
1101	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 11/2014. Furthermore, starting in 12/2015 thermostats with PPA housing have been introduced in production.
1102	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 11/2014. Furthermore, starting in 12/2015 thermostats with PPA housing have been introduced in production.
1103	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 11/2014. Furthermore, starting in 12/2015 thermostats with PPA housing have been introduced in production.
1104	The corrective measure consists of replacing the original build high pressure fuel pump with an improved version. Since January 2017 (N47x) and March 2017 (N57x), standard production installs high pressure pumps with increased robustness. In the event of a repair, these are available with immediate effect through the normal
1105	All known owners of affected vehicles will be notified via first class mail that there is a SSC and that they will have their vehicles ¿Reflashed¿ at a Toyota dealership under warranty.
1106	All known owners of affected vehicles will be notified via first class mail that there is a SSC and that they will have their vehicles ¿Reflashed¿ at a Toyota dealership under warranty.
1107	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26J2) to install a replacement Catalytic Converter on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1108	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26J2) to install a replacement Catalytic Converter on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.

	W
1092	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). Experi
1093	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). Experi
1094	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). Experi
1095	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
1096	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
1097	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
1098	Toyota uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
1099	Toyota uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
1100	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1101	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1102	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1103	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1104	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1105	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning on March 30, 2017 and will be completed in A
1106	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning on March 30, 2017 and will be completed in A
1107	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1108	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.

	X
1092	Not Applicable
1093	Not Applicable
1094	Not Applicable
1095	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
1096	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
1097	No special conditions are required for eligibility of repair under this H0U program.
1098	No special conditions are required for eligibility of repair under this H0X program.
1099	No special conditions are required for eligibility of repair under this H0X program.
1100	Not applicable.
1101	Not applicable.
1102	Not applicable.
1103	Not applicable.
1104	Not applicable.
1105	No special conditions are required for eligibility of repair under this H0E program.
1106	No special conditions are required for eligibility of repair under this H0E program.
1107	There are no maintenance or eligibility requirements.
1108	There are no maintenance or eligibility requirements.

	Y
1092	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 1 to 6 hours. The repair may be performed at any authorized FCA repair location.
1093	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 1 to 6 hours. The repair may be performed at any authorized FCA repair location.
1094	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 1 to 6 hours. The repair may be performed at any authorized FCA repair location.
1095	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
1096	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
1097	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
1098	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
1099	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
1100	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1101	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1102	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1103	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1104	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1105	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
1106	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
1107	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action (DATE: December 28th, 2017) Affected Audi S5 owners will be mailed a notification of this program on or about (DATE: December 29th, 2017) Affected Audi A6/A8 owners will be mailed a notification of this program on or about (DATE: February 19th, 2018) Enclosed are examples of Warranty Circulars and Customer Letters.
1108	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action (DATE: December 28th, 2017) Affected Audi S5 owners will be mailed a notification of this program on or about (DATE: December 29th, 2017) Affected Audi A6/A8 owners will be mailed a notification of this program on or about (DATE: February 19th, 2018) Enclosed are examples of Warranty Circulars and Customer Letters.

	Z
1092	Not applicable.
1093	Not applicable.
1094	Not applicable.
1095	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1096	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1097	This repair takes approximately three hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
1098	The repair takes approximately one hour. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
1099	The repair takes approximately one hour. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
1100	Not applicable.
1101	Not applicable.
1102	Not applicable.
1103	Not applicable.
1104	Not applicable.
1105	The repair will be performed at Toyota dealerships only, and it will take approximately 1.0 hour for repair. However, this period may be longer depending upon dealers work schedule.
1106	The repair will be performed at Toyota dealerships only, and it will take approximately 1.0 hour for repair. However, this period may be longer depending upon dealers work schedule.
1107	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
1108	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.

	AA
1092	The proposed schedule for implementing the recall (see Notes below) takes into account certain production capacity limitations for the replacement catalyst. In working with FCA,Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall in accorda
1093	The proposed schedule for implementing the recall (see Notes below) takes into account certain production capacity limitations for the replacement catalyst. In working with FCA,Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall in accorda
1094	The proposed schedule for implementing the recall (see Notes below) takes into account certain production capacity limitations for the replacement catalyst. In working with FCA,Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall in accorda
1095	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
1096	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
1097	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
1098	This special service campaign does not require replacement of any parts. EV Control ECU software update will be performed.
1099	This special service campaign does not require replacement of any parts. EV Control ECU software update will be performed.
1100	New parts are provided to all authorized BMW centers via our service network.
1101	New parts are provided to all authorized BMW centers via our service network.
1102	New parts are provided to all authorized BMW centers via our service network.
1103	New parts are provided to all authorized BMW centers via our service network.
1104	New parts are provided to all authorized BMW centers via our service network.
1105	There is sufficient inventory of the replacement parts to accommodate this SSC.
1106	There is sufficient inventory of the replacement parts to accommodate this SSC.
1107	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1108	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AB
1092	RECALL SCHEDULE: MY 2013 and 2014 RAM 3500 o Dealer Notification Date: July 17, 2017 o Customer Notification Date: July 31, 2017 MY 2015 RAM 3500 o Dealer Notification Date: September 16, 2017 o Customer Notification Date: September 30, 2017
1093	RECALL SCHEDULE: MY 2013 and 2014 RAM 3500 o Dealer Notification Date: July 17, 2017 o Customer Notification Date: July 31, 2017 MY 2015 RAM 3500 o Dealer Notification Date: September 16, 2017 o Customer Notification Date: September 30, 2017
1094	RECALL SCHEDULE: MY 2013 and 2014 RAM 3500 o Dealer Notification Date: July 17, 2017 o Customer Notification Date: July 31, 2017 MY 2015 RAM 3500 o Dealer Notification Date: September 16, 2017 o Customer Notification Date: September 30, 2017
1095	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
1096	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
1097	Other: Signed VERR letter
1098	Other: signed VERR letter
1099	Other: signed VERR letter
1100	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1101	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1102	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1103	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1104	Further EDIRs related to this warranty extension and not listed above: 0189, 0190, 0191, 0192, 0193, 0194, 0195, 0196, 0197, 0198, 0199, 0200, 0201, 0202, 0203, 0204, 0205. If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1105	Other: Signed VERR letter
1106	Other: Signed VERR letter
1107	Forwarding letter - CBI
1108	Forwarding letter - CBI

	AC	AD	AE
1092	The impact of the proposed repair of the new replacement catalyst will be negligible related to emissions and fuel economy.		6589
1093	The impact of the proposed repair of the new replacement catalyst will be negligible related to emissions and fuel economy.		6589
1094	The impact of the proposed repair of the new replacement catalyst will be negligible related to emissions and fuel economy.		6589
1095	The proposed changes have no impact on fuel economy.		6825
1096	The proposed changes have no impact on fuel economy.		6825
1097	This repair will not affect fuel economy.		6826
1098	This repair will not affect fuel economy.		6945
1099	This repair will not affect fuel economy.		6945
1100	This repair has no adverse impact on fuel economy.		6946
1101	This repair has no adverse impact on fuel economy.		6947
1102	This repair has no adverse impact on fuel economy.		6947
1103	This repair has no adverse impact on fuel economy.		6947
1104	This repair has no adverse impact on fuel economy.		6948
1105	This repair will not affect fuel economy.		6226
1106	This repair will not affect fuel economy.		6226
1107	Not applicable		6845
1108	Not applicable		6845

	AF	AG	AH	AI
1092		2	Y	N
1093		2	Y	N
1094		2	Y	N
1095		1	N	N
1096		1	N	N
1097		1	N	Y
1098		1	Y	Y
1099		1	Y	Y
1100		0	N	N
1101		0	N	N
1102		0	N	N
1103		0	N	N
1104		0	N	N
1105		2	Y	Y
1106		2	Y	Y
1107		4	Y	Y
1108		4	Y	Y

	AJ	AK	AL	AM
1092	N	N	276071	None.
1093	N	N	276071	None.
1094	N	N	276071	None.
1095	N	N	289883	The proposed changes have no impact on drivability.
1096	N	N	289883	The proposed changes have no impact on drivability.
1097	N	Y	289945	This repair will not affect driveability.
1098	N	Y	302219	This repair will not affect driveability.
1099	N	Y	302219	This repair will not affect driveability.
1100	N	N	302298	This repair has no adverse impact on drivability.
1101	N	N	302299	This repair has no adverse impact on drivability.
1102	N	N	302299	This repair has no adverse impact on drivability.
1103	N	N	302299	This repair has no adverse impact on drivability.
1104	N	N	302300	This repair has no adverse impact on drivability.
1105	N	Y	258536	This repair will not affect driveability.
1106	N	Y	258536	This repair will not affect driveability.
1107	N	Y	293720	Not applicable
1108	N	Y	293720	Not applicable

	AN	AO	AP	AQ	AR
1092	None.	N	6334	0	0020
1093	None.	N	6334	0	0020
1094	None.	N	6334	0	0020
1095	The proposed changes have no impact safety.	N	6570	0	1345
1096	The proposed changes have no impact safety.	N	6570	0	1345
1097	Safety is affected.	N	6571	0	1710
1098	This repair will not affect safety.	N	6690	0	1711
1099	This repair will not affect safety.	N	6690	0	1711
1100	This repair has no adverse impact on safety.	N	6691	0	0228
1101	This repair has no adverse impact on safety.	N	6692	0	0077
1102	This repair has no adverse impact on safety.	N	6692	0	0077
1103	This repair has no adverse impact on safety.	N	6692	0	0077
1104	This repair has no adverse impact on safety.	N	6693	0	0177,0178,0179,0180,0181,0182,0183,0184,0185,0186,0187,0188
1105	This repair will not affect safety.	N	5951	0	1702
1106	This repair will not affect safety.	N	5951	0	1702
1107	Not applicable	N	6590	0	0102
1108	Not applicable	N	6590	0	0102

	AS	AT	AU
1092	Y		1
1093	Y		1
1094	Y		1
1095	Y		1
1096	Y		1
1097	Y		1
1098	Y		1
1099	Y		1
1100	N		1
1101	N		1
1102	N		1
1103	N		1
1104	N		1
1105	Y		1
1106	Y		1
1107	Y	2/19/2018	1
1108	Y	2/19/2018	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1109	16816	11/29/2017	2009	ADX	AD-0020	Light-Duty Vehicles and Trucks	11088	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1110	16816	11/29/2017	2008	ADX	AD-0020	Light-Duty Vehicles and Trucks	11088	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1111	16817	11/29/2017	2012	FMX	16S41	Light-Duty Vehicles and Trucks	327102	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1112	16817	11/29/2017	2011	FMX	16S41	Light-Duty Vehicles and Trucks	327102	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1113	16817	11/29/2017	2010	FMX	16S41	Light-Duty Vehicles and Trucks	327102	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1114	16957	1/12/2018	2016	VGA	VG-0014	Light-Duty Vehicles and Trucks	5947	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203
1115	16957	1/12/2018	2015	VGA	VG-0014	Light-Duty Vehicles and Trucks	5947	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203
1116	16958	1/12/2018	2014	ADX	AD-0022	Light-Duty Vehicles and Trucks	19121	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1117	16958	1/12/2018	2013	ADX	AD-0022	Light-Duty Vehicles and Trucks	19121	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203

	P	Q	R	S	T
1109	N/A	Catalyst/Aftertreatment Component/System (non-diesel engine)	12/29/2017	2017	20
1110	N/A	Catalyst/Aftertreatment Component/System (non-diesel engine)	12/29/2017	2017	20
1111		Fuel Delivery Component	12/23/2016	2016	1641
1112		Fuel Delivery Component	12/23/2016	2016	1641
1113		Fuel Delivery Component	12/23/2016	2016	1641
1114		Selective Catalytic Reduction System	2/27/2018	2018	14
1115		Selective Catalytic Reduction System	2/27/2018	2018	14
1116		Selective Catalytic Reduction System	2/27/2018	2018	22
1117		Selective Catalytic Reduction System	2/27/2018	2018	22

	U
1109	During IUVP emissions testing, test group *ADXV04.2365 (MY 2008 - 2011) showed HC and NOx values over the standards. Analysis: Tested catalytic converters with precious metal loading of 80g /ft3 wash coat were showing phosphor film at the front zone area. At higher mileage, and in particular during a cold start and warm up phase, this may influence catalyst ¿light off¿ characteristics which may lead to increased HC and NOx levels in excess of standards. Oxygen storage capacity from the catalytic converter is not noticeably reduced. Component: Catalytic Converter Production Part Number (with 80g precious metal load): 2008, S5 - 8K0.254.250 M(X) & 200C(X) 2008, A6/A8 - 079.252.019 HX / 020HX 2009-10, S5 - 8K0.254.250 MX & 200CX 2009-10, A6 - 079.252.019 HX / 020HX 2011, A6 - 079.252.019 HX / 020HX Improved Part Numbers: 2008, A8 - 079.253.019 J & 079.253.020 J 2008-11, A6 - 079.253.019 J & 079.253.020 J 2008-10, S5 - 8K0.254.252 B & 8K0.254.200 L
1110	During IUVP emissions testing, test group *ADXV04.2365 (MY 2008 - 2011) showed HC and NOx values over the standards. Analysis: Tested catalytic converters with precious metal loading of 80g /ft3 wash coat were showing phosphor film at the front zone area. At higher mileage, and in particular during a cold start and warm up phase, this may influence catalyst ¿light off¿ characteristics which may lead to increased HC and NOx levels in excess of standards. Oxygen storage capacity from the catalytic converter is not noticeably reduced. Component: Catalytic Converter Production Part Number (with 80g precious metal load): 2008, S5 - 8K0.254.250 M(X) & 200C(X) 2008, A6/A8 - 079.252.019 HX / 020HX 2009-10, S5 - 8K0.254.250 MX & 200CX 2009-10, A6 - 079.252.019 HX / 020HX 2011, A6 - 079.252.019 HX / 020HX Improved Part Numbers: 2008, A8 - 079.253.019 J & 079.253.020 J 2008-11, A6 - 079.253.019 J & 079.253.020 J 2008-10, S5 - 8K0.254.252 B & 8K0.254.200 L
1111	Some 2010-2011 MY Ford Escape FFV and Mercury Mariner FFV and some 2012 MY Escape FFV vehicles with 3.0L engines were built with a fuel delivery module (FDM) that may develop a crack over time at the FDM flange fuel supply port and result in a fuel leak.
1112	Some 2010-2011 MY Ford Escape FFV and Mercury Mariner FFV and some 2012 MY Escape FFV vehicles with 3.0L engines were built with a fuel delivery module (FDM) that may develop a crack over time at the FDM flange fuel supply port and result in a fuel leak.
1113	Some 2010-2011 MY Ford Escape FFV and Mercury Mariner FFV and some 2012 MY Escape FFV vehicles with 3.0L engines were built with a fuel delivery module (FDM) that may develop a crack over time at the FDM flange fuel supply port and result in a fuel leak.
1114	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7P6 198 970 Replacement Part Number: 7P6 198 970 B
1115	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7P6 198 970 Replacement Part Number: 7P6 198 970 B
1116	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7L6 198 970 / 7P6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
1117	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7L6 198 970 / 7P6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)

	V
1109	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26J2) to install a replacement Catalytic Converter on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1110	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26J2) to install a replacement Catalytic Converter on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1111	Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles to dealers to receive a replacement fuel port flange assembly.
1112	Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles to dealers to receive a replacement fuel port flange assembly.
1113	Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles to dealers to receive a replacement fuel port flange assembly.
1114	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1115	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1116	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1117	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.

	W
1109	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1110	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1111	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1112	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1113	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1114	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1115	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1116	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1117	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.

	X
1109	There are no maintenance or eligibility requirements.
1110	There are no maintenance or eligibility requirements.
1111	Eligibility for this program is not conditioned upon proper maintenance or use.
1112	Eligibility for this program is not conditioned upon proper maintenance or use.
1113	Eligibility for this program is not conditioned upon proper maintenance or use.
1114	There are no maintenance or eligibility requirements.
1115	There are no maintenance or eligibility requirements.
1116	There are no maintenance or eligibility requirements.
1117	There are no maintenance or eligibility requirements.

	Y
1109	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action (DATE: December 28th, 2017) Affected Audi S5 owners will be mailed a notification of this program on or about (DATE: December 29th, 2017) Affected Audi A6/A8 owners will be mailed a notification of this program on or about (DATE: February 19th, 2018) Enclosed are examples of Warranty Circulars and Customer Letters.
1110	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action (DATE: December 28th, 2017) Affected Audi S5 owners will be mailed a notification of this program on or about (DATE: December 29th, 2017) Affected Audi A6/A8 owners will be mailed a notification of this program on or about (DATE: February 19th, 2018) Enclosed are examples of Warranty Circulars and Customer Letters.
1111	See Owner Notification Letter.
1112	See Owner Notification Letter.
1113	See Owner Notification Letter.
1114	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018). Enclosed are examples of Warranty Circulars and Customer Letters.
1115	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018). Enclosed are examples of Warranty Circulars and Customer Letters.
1116	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018). Enclosed are examples of Warranty Circulars and Customer Letters.
1117	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018). Enclosed are examples of Warranty Circulars and Customer Letters.

	Z
1109	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
1110	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
1111	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1112	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1113	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1114	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
1115	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
1116	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
1117	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.

	AA
1109	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1110	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1111	Dealers are to obtain parts for this repair through the Special Service Support Center.
1112	Dealers are to obtain parts for this repair through the Special Service Support Center.
1113	Dealers are to obtain parts for this repair through the Special Service Support Center.
1114	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1115	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1116	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1117	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AB
1109	Forwarding letter - CBI
1110	Forwarding letter - CBI
1111	The 2010-2011 MY vehicles were not included in EDIR 1616 since they exceeded the five year reporting requirements. Mazda Tribute FFV vehicles are not included in Field Service Action 16S41 but are listed in the Test Group / Engine Family Information because they were included in the test group.
1112	The 2010-2011 MY vehicles were not included in EDIR 1616 since they exceeded the five year reporting requirements. Mazda Tribute FFV vehicles are not included in Field Service Action 16S41 but are listed in the Test Group / Engine Family Information because they were included in the test group.
1113	The 2010-2011 MY vehicles were not included in EDIR 1616 since they exceeded the five year reporting requirements. Mazda Tribute FFV vehicles are not included in Field Service Action 16S41 but are listed in the Test Group / Engine Family Information because they were included in the test group.
1114	Forwarding letter - CBI
1115	Forwarding letter - CBI
1116	Forwarding letter - CBI
1117	Forwarding letter - CBI

	AC	AD	AE
1109	Not applicable		6845
1110	Not applicable		6845
1111	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6846
1112	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6846
1113	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6846
1114	Not applicable		6926
1115	Not applicable		6926
1116	Not applicable		6927
1117	Not applicable		6927

	AF	AG	AH	AI
1109		4	Y	Y
1110		4	Y	Y
1111	Repair instructions are available and included. Additionally, an owner notification final date was included.	3	Y	Y
1112	Repair instructions are available and included. Additionally, an owner notification final date was included.	3	Y	Y
1113	Repair instructions are available and included. Additionally, an owner notification final date was included.	3	Y	Y
1114		4	Y	Y
1115		4	Y	Y
1116		4	Y	Y
1117		4	Y	Y

	AJ	AK	AL	AM
1109	N	Y	293720	Not applicable
1110	N	Y	293720	Not applicable
1111	N	N	293784	Ford engineering judgment indicates that the corrective action should not affect drivability.
1112	N	N	293784	Ford engineering judgment indicates that the corrective action should not affect drivability.
1113	N	N	293784	Ford engineering judgment indicates that the corrective action should not affect drivability.
1114	N	Y	301280	Not applicable
1115	N	Y	301280	Not applicable
1116	N	Y	301287	Not applicable
1117	N	Y	301287	Not applicable

	AN	AO	AP	AQ	AR
1109	Not applicable	N	6590	0	0102
1110	Not applicable	N	6590	0	0102
1111	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	6591	1	1616
1112	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	6591	1	1616
1113	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	6591	1	1616
1114	Not applicable	N	6671	0	9999
1115	Not applicable	N	6671	0	9999
1116	Not applicable	N	6672	0	0083
1117	Not applicable	N	6672	0	0083

	AS	AT	AU
1109	Y	2/19/2018	1
1110	Y	2/19/2018	1
1111	Y	11/6/2017	1
1112	Y	11/6/2017	1
1113	Y	11/6/2017	1
1114	Y	2/28/2018	1
1115	Y	2/28/2018	1
1116	Y	2/28/2018	1
1117	Y	2/28/2018	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1118	16958	1/12/2018	2012	ADX	AD-0022	Light-Duty Vehicles and Trucks	19121	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1119	16958	1/12/2018	2011	ADX	AD-0022	Light-Duty Vehicles and Trucks	19121	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1120	16958	1/12/2018	2010	ADX	AD-0022	Light-Duty Vehicles and Trucks	19121	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1121	16958	1/12/2018	2009	ADX	AD-0022	Light-Duty Vehicles and Trucks	19121	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1122	17001	1/23/2018	2014	BMX	17E-W02	Light-Duty Vehicles and Trucks	168752	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1123	17001	1/23/2018	2013	BMX	17E-W02	Light-Duty Vehicles and Trucks	168752	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1124	17001	1/23/2018	2012	BMX	17E-W02	Light-Duty Vehicles and Trucks	168752	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1125	17002	1/22/2018	2017	BMX	17E-A04	Light-Duty Vehicles and Trucks	1311	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1126	16859	12/7/2017	2017	FMX	17E06	Heavy-Duty Highway Gas and Diesel Engines	37003	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1127	16859	12/7/2017	2016	FMX	17E06	Heavy-Duty Highway Gas and Diesel Engines	37003	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122
1128	17018	2/1/2018	2017	CEX	T42	Light-Duty Vehicles and Trucks	49	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504
1129	17019	2/2/2018	2016	PRX	PO-2017-12-20-1	Light-Duty Vehicles and Trucks	13987	Y					Mr Walter Lewis	walter.lewis@porsche.us	770-290-3631
1130	17019	2/2/2018	2015	PRX	PO-2017-12-20-1	Light-Duty Vehicles and Trucks	13987	Y					Mr Walter Lewis	walter.lewis@porsche.us	770-290-3631
1131	17019	2/2/2018	2014	PRX	PO-2017-12-20-1	Light-Duty Vehicles and Trucks	13987	Y					Mr Walter Lewis	walter.lewis@porsche.us	770-290-3631
1132	17019	2/2/2018	2013	PRX	PO-2017-12-20-1	Light-Duty Vehicles and Trucks	13987	Y					Mr Walter Lewis	walter.lewis@porsche.us	770-290-3631
1133	15781	1/6/2017	2013	BMX	16E-A02	Light-Duty Vehicles and Trucks	1136	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1134	15781	1/6/2017	2012	BMX	16E-A02	Light-Duty Vehicles and Trucks	1136	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195

	P	Q	R	S	T
1118		Selective Catalytic Reduction System	2/27/2018	2018	22
1119		Selective Catalytic Reduction System	2/27/2018	2018	22
1120		Selective Catalytic Reduction System	2/27/2018	2018	22
1121		Selective Catalytic Reduction System	2/27/2018	2018	22
1122	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	7/21/2017	2017	26
1123	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	7/21/2017	2017	26
1124	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	7/21/2017	2017	26
1125	Maria.V.Nizhegorodova@bmwnaext.com	Emission Control Information Label	12/5/2017	2017	27
1126		Crankcase Ventilation Component/System	10/20/2017	2017	1706
1127		Crankcase Ventilation Component/System	10/20/2017	2017	1706
1128		Electrical, Mechanical and Cooling Systems	1/22/2018	2018	13
1129		Selective Catalytic Reduction System	2/2/2018	2018	3
1130		Selective Catalytic Reduction System	2/2/2018	2018	3
1131		Selective Catalytic Reduction System	2/2/2018	2018	3
1132		Selective Catalytic Reduction System	2/2/2018	2018	3
1133	Carlheinz.Bayer@bmwna.com	On-Board Diagnostic (OBD) System	1/3/2017	2017	1602
1134	Carlheinz.Bayer@bmwna.com	On-Board Diagnostic (OBD) System	1/3/2017	2017	1602

	U
1118	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7L6 198 970 / 7P6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
1119	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7L6 198 970 / 7P6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
1120	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7L6 198 970 / 7P6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
1121	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7L6 198 970 / 7P6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
1122	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
1123	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
1124	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
1125	Due to a logistic failure the MY2018 Vehicle Emission Control Information (VECI) Label was inadvertently affixed to 1311 MY2017 X5 and X6 series models (about 102 X6 models and 1209 X5 models) produced between 6st and 24th of August 2017. That means the MY2018 VECI label was affixed instead of the correct MY2017 VECI L
1126	Over time on certain 2016-2017 model year engine-certified 6.7L Diesel products, the crankcase ventilation (CCV) oil separator filter restriction may rise such that oil may by-pass the filter and directly enter the engine intake. Having entered the intake, the oil may foul the compressor side of the turbocharger, thereby decreasing
1127	Over time on certain 2016-2017 model year engine-certified 6.7L Diesel products, the crankcase ventilation (CCV) oil separator filter restriction may rise such that oil may by-pass the filter and directly enter the engine intake. Having entered the intake, the oil may foul the compressor side of the turbocharger, thereby decreasing
1128	Some MY2017 RAM 3500 pickup trucks equipped with 6.7L Cummins engines and AISIN transmissions may have a defective clutch reaction sleeve. The reaction sleeve in the AISIN automatic transmission may rotate and block an oil hole when loaded under cold ambient temperature below -20 C (-4 F). In this condition the vehicle
1129	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7P6 198 970 / 7L6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
1130	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7P6 198 970 / 7L6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
1131	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7P6 198 970 / 7L6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
1132	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7P6 198 970 / 7L6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
1133	In case of a software-flash in BMW Services on models 335Ci M and 335Ci Convertible M (production period MY11 through MY13) between 03/2014 and 03/2015 (means after production), a faulty software was used. Due to a malfunction in the used software the diagnostics for rear oxygen sensor and catalyst monitoring could not
1134	In case of a software-flash in BMW Services on models 335Ci M and 335Ci Convertible M (production period MY11 through MY13) between 03/2014 and 03/2015 (means after production), a faulty software was used. Due to a malfunction in the used software the diagnostics for rear oxygen sensor and catalyst monitoring could not

	V
1118	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1119	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1120	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1121	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1122	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 11/2014. Furthermore, starting in 12/2015 thermostats with PPA housing have been introduced in production.
1123	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 11/2014. Furthermore, starting in 12/2015 thermostats with PPA housing have been introduced in production.
1124	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 11/2014. Furthermore, starting in 12/2015 thermostats with PPA housing have been introduced in production.
1125	The corrective measure consists of replacing the originally affixed vehicle MY2018 emission control information label with the correct MY2017 label.
1126	Dealers will replace the CCV oil separator assembly with an updated component.
1127	Dealers will replace the CCV oil separator assembly with an updated component.
1128	FCA US LLC will conduct a recall to replace the transmission for the affected vehicles.
1129	Porsche Cars North America, Inc. will initiate an Emissions Service Action with Customer Notification (WH70) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1130	Porsche Cars North America, Inc. will initiate an Emissions Service Action with Customer Notification (WH70) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1131	Porsche Cars North America, Inc. will initiate an Emissions Service Action with Customer Notification (WH70) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1132	Porsche Cars North America, Inc. will initiate an Emissions Service Action with Customer Notification (WH70) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
1133	BMW has decided to conduct an emission recall to flash a modified software without the described malfunctions on all affected models 335Ci M and 335Ci Convertible M.
1134	BMW has decided to conduct an emission recall to flash a modified software without the described malfunctions on all affected models 335Ci M and 335Ci Convertible M.

	W
1118	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1119	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1120	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1121	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1122	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1123	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1124	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1125	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1126	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1127	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
1128	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to IHS for the latest customer name and address information. IHS searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). IHS sends this in
1129	PCNA will use internal customer databases to identify the current owners of the affected vehicles.
1130	PCNA will use internal customer databases to identify the current owners of the affected vehicles.
1131	PCNA will use internal customer databases to identify the current owners of the affected vehicles.
1132	PCNA will use internal customer databases to identify the current owners of the affected vehicles.
1133	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1134	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.

	X
1118	There are no maintenance or eligibility requirements.
1119	There are no maintenance or eligibility requirements.
1120	There are no maintenance or eligibility requirements.
1121	There are no maintenance or eligibility requirements.
1122	Not applicable.
1123	Not applicable.
1124	Not applicable.
1125	Not applicable.
1126	Eligibility for this program is not conditioned upon proper maintenance or use.
1127	Eligibility for this program is not conditioned upon proper maintenance or use.
1128	Not applicable.
1129	There are no maintenance or eligibility requirements.
1130	There are no maintenance or eligibility requirements.
1131	There are no maintenance or eligibility requirements.
1132	There are no maintenance or eligibility requirements.
1133	Not applicable.
1134	Not applicable.

	Y
1118	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018). Enclosed are examples of Warranty Circulars and Customer Letters.
1119	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018). Enclosed are examples of Warranty Circulars and Customer Letters.
1120	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018). Enclosed are examples of Warranty Circulars and Customer Letters.
1121	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018). Enclosed are examples of Warranty Circulars and Customer Letters.
1122	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1123	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1124	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1125	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1126	See Owner Notification Letter.
1127	See Owner Notification Letter.
1128	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the transmission replaced.
1129	Authorized Porsche dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Porsche owners will be mailed a notification of this program on or about (February 2018).
1130	Authorized Porsche dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Porsche owners will be mailed a notification of this program on or about (February 2018).
1131	Authorized Porsche dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Porsche owners will be mailed a notification of this program on or about (February 2018).
1132	Authorized Porsche dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Porsche owners will be mailed a notification of this program on or about (February 2018).
1133	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1134	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Z
1118	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
1119	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
1120	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
1121	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
1122	Not applicable.
1123	Not applicable.
1124	Not applicable.
1125	Not applicable.
1126	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1127	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
1128	Not applicable.
1129	It is anticipated that all affected vehicles will be remedied by authorized Porsche dealers.
1130	It is anticipated that all affected vehicles will be remedied by authorized Porsche dealers.
1131	It is anticipated that all affected vehicles will be remedied by authorized Porsche dealers.
1132	It is anticipated that all affected vehicles will be remedied by authorized Porsche dealers.
1133	Not applicable.
1134	Not applicable.

	AA
1118	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1119	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1120	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1121	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
1122	New parts are provided to all authorized BMW centers via our service network.
1123	New parts are provided to all authorized BMW centers via our service network.
1124	New parts are provided to all authorized BMW centers via our service network.
1125	New parts are provided to all authorized BMW centers via our service network.
1126	Dealers are to obtain parts for this repair through the Special Service Support Center.
1127	Dealers are to obtain parts for this repair through the Special Service Support Center.
1128	FCA US LLC will supply its dealers with the required parts to complete the repair.
1129	Authorized Porsche dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Porsche Cars North America parts system.
1130	Authorized Porsche dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Porsche Cars North America parts system.
1131	Authorized Porsche dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Porsche Cars North America parts system.
1132	Authorized Porsche dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Porsche Cars North America parts system.
1133	The software update is provided to all authorized BMW centers via our service network.
1134	The software update is provided to all authorized BMW centers via our service network.

	AB
1118	Forwarding letter - CBI
1119	Forwarding letter - CBI
1120	Forwarding letter - CBI
1121	Forwarding letter - CBI
1122	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1123	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1124	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1125	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1126	
1127	
1128	
1129	Applicable documents, such as customer letter and Service Bulletin will be uploaded as soon as available.
1130	Applicable documents, such as customer letter and Service Bulletin will be uploaded as soon as available.
1131	Applicable documents, such as customer letter and Service Bulletin will be uploaded as soon as available.
1132	Applicable documents, such as customer letter and Service Bulletin will be uploaded as soon as available.
1133	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1134	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.

	AC	AD	AE
1118	Not applicable		6927
1119	Not applicable		6927
1120	Not applicable		6927
1121	Not applicable		6927
1122	This repair has no adverse impact on fuel economy.		6949
1123	This repair has no adverse impact on fuel economy.		6949
1124	This repair has no adverse impact on fuel economy.		6949
1125	This repair has no adverse impact on fuel economy.		6950
1126	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6866
1127	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6866
1128	The impact of the proposed repair of the new replacement transmission will be negligible related to emissions, fuel economy, drivability, performance, or safety.		6985
1129	Not applicable		6986
1130	Not applicable		6986
1131	Not applicable		6986
1132	Not applicable		6986
1133	This repair has no adverse impact on fuel economy.		5945
1134	This repair has no adverse impact on fuel economy.		5945

	AF	AG	AH	AI
1118		4	Y	Y
1119		4	Y	Y
1120		4	Y	Y
1121		4	Y	Y
1122		0	N	N
1123		0	N	N
1124		0	N	N
1125		0	N	N
1126		3	Y	Y
1127		3	Y	Y
1128		2	Y	N
1129		1	N	N
1130		1	N	N
1131		1	N	N
1132		1	N	N
1133		1	Y	N
1134		1	Y	N

	AJ	AK	AL	AM
1118	N	Y	301287	Not applicable
1119	N	Y	301287	Not applicable
1120	N	Y	301287	Not applicable
1121	N	Y	301287	Not applicable
1122	N	N	302335	This repair has no adverse impact on drivability.
1123	N	N	302335	This repair has no adverse impact on drivability.
1124	N	N	302335	This repair has no adverse impact on drivability.
1125	N	N	302336	This repair has no adverse impact on drivability.
1126	N	N	295135	Ford engineering judgment indicates that the corrective action should not affect drivability.
1127	N	N	295135	Ford engineering judgment indicates that the corrective action should not affect drivability.
1128	N	N	303529	The impact ofthe proposed repair ofthe new replacement transmission will be negligible related to emissions, fuel economy, drivability, performance, or safety.
1129	N	N	303671	Not applicable
1130	N	N	303671	Not applicable
1131	N	N	303671	Not applicable
1132	N	N	303671	Not applicable
1133	N	Y	247715	This repair has no adverse impact on driveability.
1134	N	Y	247715	This repair has no adverse impact on driveability.

	AN	AO	AP	AQ	AR
1118	Not applicable	N	6672	0	0083
1119	Not applicable	N	6672	0	0083
1120	Not applicable	N	6672	0	0083
1121	Not applicable	N	6672	0	0083
1122	This repair has no adverse impact on safety.	N	6694	0	0077
1123	This repair has no adverse impact on safety.	N	6694	0	0077
1124	This repair has no adverse impact on safety.	N	6694	0	0077
1125	This repair has no adverse impact on safety.	N	6695	0	0228
1126	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6611	0	1708
1127	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6611	0	1708
1128	The impact of the proposed repair of the new replacement transmission will be negligible related to emissions, fuel economy, drivability, performance, or safety.	N	6730	0	0080
1129	Not applicable	N	6731	0	0100
1130	Not applicable	N	6731	0	0100
1131	Not applicable	N	6731	0	0100
1132	Not applicable	N	6731	0	0100
1133	This repair has no adverse impact on safety.	Y	5712	1	0114
1134	This repair has no adverse impact on safety.	Y	5712	1	0114

	AS	AT	AU
1118	Y	2/28/2018	1
1119	Y	2/28/2018	1
1120	Y	2/28/2018	1
1121	Y	2/28/2018	1
1122	N		1
1123	N		1
1124	N		1
1125	N		1
1126	Y		1
1127	Y		1
1128	Y		1
1129	N	2/16/2018	1
1130	N	2/16/2018	1
1131	N	2/16/2018	1
1132	N	2/16/2018	1
1133	N		1
1134	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1135	15781	1/6/2017	2011	BMX	16E-A02	Light-Duty Vehicles and Trucks	1136	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1136	15782	1/6/2017	2014	BMX	16E-A05	Light-Duty Vehicles and Trucks	24782	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1137	17006	1/29/2018	2018	GMX	1345	Light-Duty Vehicles and Trucks	160890	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1138	17006	1/29/2018	2017	GMX	1345	Light-Duty Vehicles and Trucks	160890	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1139	17006	1/29/2018	2016	GMX	1345	Light-Duty Vehicles and Trucks	160890	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1140	16177	5/23/2017	2015	VPT	2016-4;Recall EC016	Heavy-Duty Highway Gas and Diesel Engines	1048	N					Mr Carl B Beck	carl.beck@volvo.com	3017905492
1141	16178	5/23/2017	2015	VPT	2016-4;Recall EC016	Heavy-Duty Highway Gas and Diesel Engines	0	Y					Mr Carl B Beck	carl.beck@volvo.com	3017905492
1142	16180	5/23/2017	2013	BMX	16E-W11	Light-Duty Vehicles and Trucks	34274	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1143	16521	8/24/2017	2012	NSX	FOI_NSX_VER_0028_BD_	Light-Duty Vehicles and Trucks	116479	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
1144	16521	8/24/2017	2011	NSX	FOI_NSX_VER_0028_BD_	Light-Duty Vehicles and Trucks	116479	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
1145	16521	8/24/2017	2010	NSX	FOI_NSX_VER_0028_BD_	Light-Duty Vehicles and Trucks	116479	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
1146	17083	2/20/2018	2018	KMX	18-HK-VERR-10	Light-Duty Vehicles and Trucks	368	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
1147	17084	2/20/2018	2017	KMX	16-HK-VERR-11	Light-Duty Vehicles and Trucks	22421	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
1148	17084	2/20/2018	2016	KMX	16-HK-VERR-11	Light-Duty Vehicles and Trucks	22421	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
1149	17084	2/20/2018	2015	KMX	16-HK-VERR-11	Light-Duty Vehicles and Trucks	22421	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027
1150	17088	2/26/2018	2018	CRX	U02	Light-Duty Vehicles and Trucks	1242	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
1151	17176	3/9/2018	2017	CRX	U01	Light-Duty Vehicles and Trucks	153780	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468
1152	17237	3/26/2018	2018	TYX	TOYOTA-VERR-20180326	Light-Duty Vehicles and Trucks	9830	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1153	17237	3/26/2018	2017	TYX	TOYOTA-VERR-20180326	Light-Duty Vehicles and Trucks	9830	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1154	17237	3/26/2018	2016	TYX	TOYOTA-VERR-20180326	Light-Duty Vehicles and Trucks	9830	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162
1155	17237	3/26/2018	2015	TYX	TOYOTA-VERR-20180326	Light-Duty Vehicles and Trucks	9830	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162

	P	Q	R	S	T
1135	Carlheinz.Bayer@bmwna.com	On-Board Diagnostic (OBD) System	1/3/2017	2017	1602
1136	Carlheinz.Bayer@bmwna.com	Turbocharger/Supercharger	1/3/2016	2016	1605
1137		On-Board Diagnostic (OBD) System	11/1/2017	2017	1345
1138		On-Board Diagnostic (OBD) System	11/1/2017	2017	1345
1139		On-Board Diagnostic (OBD) System	11/1/2017	2017	1345
1140		Selective Catalytic Reduction System	7/31/2017	2017	3
1141		Selective Catalytic Reduction System	7/31/2017	2017	3
1142	Maria.V.Nizhegorodova@bmwnaext.com	Evaporative Emissions Systems	5/22/2017	2017	5
1143		Catalyst/Aftertreatment Component/System (non-diesel engine)	10/2/2017	2017	28
1144		Catalyst/Aftertreatment Component/System (non-diesel engine)	10/2/2017	2017	28
1145		Catalyst/Aftertreatment Component/System (non-diesel engine)	10/2/2017	2017	28
1146	rbabcock@hatci.com	On-Board Diagnostic (OBD) System	2/20/2018	2018	26
1147	rbabcock@hatci.com	On-Board Diagnostic (OBD) System	2/20/2018	2018	27
1148	rbabcock@hatci.com	On-Board Diagnostic (OBD) System	2/20/2018	2018	27
1149	rbabcock@hatci.com	On-Board Diagnostic (OBD) System	2/20/2018	2018	27
1150	mark.finsterwald@fcagroup.com	Fuel Tank Component	2/23/2018	2018	1802
1151	mark.finsterwald@fcagroup.com	Electrical, Mechanical and Cooling Systems	3/7/2018	2018	1801
1152	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Delivery System	4/2/2018	2018	1805
1153	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Delivery System	4/2/2018	2018	1805
1154	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Delivery System	4/2/2018	2018	1805
1155	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com	Fuel Delivery System	4/2/2018	2018	1805

	U
1135	In case of a software-flash in BMW Services on models 335Ci M and 335Ci Convertible M (production period MY11 through MY13) between 03/2014 and 03/2015 (means after production), a faulty software was used. Due to a malfunction in the used software the diagnostics for rear oxygen sensor and catalyst monitoring could not
1136	Due to coking and sooting within exhaust gas turbocharger, the density system of the turbo charger regarding exhaust gas doesn´t work proper any more. Analysis have shown that after long shut down intervals oil accumulates within turbo charger turbine. This oil, gets because of the coking of the gasket ring, on the turbine wheel and burns after cold start, generating "white smoke". To solve this problem an oil pipe with a non-return valve has been developed. This problem "white smoke" is only possible in conjunction with the hardware configuration injector/oil pipe without non-return valver built between 03/2012 and 04/2013 in production for models with N26 engine.
1137	The engine control module does not properly diagnose and illuminate the MIL for certain open or short circuit faults in the particulate matter sensor circuits.
1138	The engine control module does not properly diagnose and illuminate the MIL for certain open or short circuit faults in the particulate matter sensor circuits.
1139	The engine control module does not properly diagnose and illuminate the MIL for certain open or short circuit faults in the particulate matter sensor circuits.
1140	Volvo has identified that modifications to the functionality associated with the SCR inducements for tampering on an isolated number of ratings of its 13L engine families for model year 2015 are such that the inducement algorithm will fail to detect a tampering event.
1141	Volvo has identified that modifications to the functionality associated with the SCR inducements for tampering on an isolated number of ratings of its 13L engine families for model year 2015 are such that the inducement algorithm will fail to detect a tampering event.
1142	The affected part number 13907624542 relates to component purge valve. Analysis have shown that in about 95% of all cases component has been replaced due to component error stuck open/closed (caused e.g. by emitted particles from activated carbon filter or other pollution within fuel system). This error triggers a fault cod
1143	During IUVP testing, some high mileage 2010-2012 California specification Altima SULEV vehicles have shown increased NMOG exhaust emissions. Nissan has investigated and found that, in some cases, higher than expected exhaust gas temperatures may occur due to ignition retard conditions, affecting under-floor catalyst per
1144	During IUVP testing, some high mileage 2010-2012 California specification Altima SULEV vehicles have shown increased NMOG exhaust emissions. Nissan has investigated and found that, in some cases, higher than expected exhaust gas temperatures may occur due to ignition retard conditions, affecting under-floor catalyst per
1145	During IUVP testing, some high mileage 2010-2012 California specification Altima SULEV vehicles have shown increased NMOG exhaust emissions. Nissan has investigated and found that, in some cases, higher than expected exhaust gas temperatures may occur due to ignition retard conditions, affecting under-floor catalyst per
1146	Kia has become aware that a typographical error exists on the Vehicle Emission Control Information Label for the 2018 MY Kia Stinger 2.0 Turbo. The catalytic converter information was listed as WU-TWC/TWC, when it should have been WU-TWC. To correct this problem, Kia will change the VECI label.
1147	Kia has become aware that a typographical error exists on the Vehicle Emission Control Information Label for the 2015~2017 MY Kia Optima Hybrid. The U.S EPA's OBD and Fuel were listed as N/A, when it should have been CA II and Gasoline. To correct this problem, Kia will change the VECI label.
1148	Kia has become aware that a typographical error exists on the Vehicle Emission Control Information Label for the 2015~2017 MY Kia Optima Hybrid. The U.S EPA's OBD and Fuel were listed as N/A, when it should have been CA II and Gasoline. To correct this problem, Kia will change the VECI label.
1149	Kia has become aware that a typographical error exists on the Vehicle Emission Control Information Label for the 2015~2017 MY Kia Optima Hybrid. The U.S EPA's OBD and Fuel were listed as N/A, when it should have been CA II and Gasoline. To correct this problem, Kia will change the VECI label.
1150	Some Jeep® Grand Cherokee Trackhawk (¿WK¿) vehicles equipped with the 6.2L Supercharged Engine (Sales Code ESD) may experience a fuel line separation, which could result in an engine stall and/or a potential engine compartment fire. Either of these consequences could increase the likelihood of occupant injury, and an engine stall could result in a crash without warning. Root cause: Garage shifts were re-calibrated for 5.7L L-Body MY17 V1 as a shift quality improvement. The Dodge Challenger calibration was split away from the Dodge Charger and Chrysler 300 to allow more flexibility in garage shift calibration/comfort. Transmission valve body vent gradients on Challenger were not adequately calibrated to compensate for transmissions in which C-clutch has high learned values. In ¿green¿ transmissions that exhibit this, C-clutch takes longer than 1.25s to vent and the P1DDD fault code is set.
1151	Some 2017MY Chrysler Pacifica (¿RU¿) non-hybrid vehicles equipped with a 3.6L engine (ERF or ERC sales code) may experience engine stalling without warning, without lighting a Malfunction Indicator Lamp (¿MIL¿) and without setting any Diagnostic Trouble Codes (¿DTC¿). Engine stalling results in a loss of motive power, which may result in a crash without warning. Root cause: Garage shifts were re-calibrated for 5.7L L-Body MY17 V1 as a shift quality improvement. The Dodge Challenger calibration was split away from the Dodge Charger and Chrysler 300 to allow more flexibility in garage shift calibration/comfort. Transmission valve body vent gradients on Challenger were not adequately calibrated to compensate for transmissions in which C-clutch has high learned values. In ¿green¿ transmissions that exhibit this, C-clutch takes longer than 1.25s to vent and the P1DDD fault code is set.
1152	The involved vehicles are equipped with two high pressure fuel pumps. There is a possibility that the cover of one of these pumps could become damaged over time and lead to a fuel leak. A fuel leak in the presence of an ignition source can increase the risk of a fire. This concern was reported to the National Highway Traffic Safety
1153	The involved vehicles are equipped with two high pressure fuel pumps. There is a possibility that the cover of one of these pumps could become damaged over time and lead to a fuel leak. A fuel leak in the presence of an ignition source can increase the risk of a fire. This concern was reported to the National Highway Traffic Safety
1154	The involved vehicles are equipped with two high pressure fuel pumps. There is a possibility that the cover of one of these pumps could become damaged over time and lead to a fuel leak. A fuel leak in the presence of an ignition source can increase the risk of a fire. This concern was reported to the National Highway Traffic Safety
1155	The involved vehicles are equipped with two high pressure fuel pumps. There is a possibility that the cover of one of these pumps could become damaged over time and lead to a fuel leak. A fuel leak in the presence of an ignition source can increase the risk of a fire. This concern was reported to the National Highway Traffic Safety

	V
1135	BMW has decided to conduct an emission recall to flash a modified software without the described malfunctions on all affected models 335Ci M and 335Ci Convertible M.
1136	BMW will replace assembled oil pipe with the new oil pipe equiped with non-return valve. In case the turbocharger should be alreday pre-damaged, the turbocharger will be replaced as well.
1137	General Motors will conduct a Voluntary Emissions Recall to program the ECM with software and calibrations that properly diagnose particulate matter sensor circuit faults.
1138	General Motors will conduct a Voluntary Emissions Recall to program the ECM with software and calibrations that properly diagnose particulate matter sensor circuit faults.
1139	General Motors will conduct a Voluntary Emissions Recall to program the ECM with software and calibrations that properly diagnose particulate matter sensor circuit faults.
1140	Modifications to the functionality associated with the SCR inducements for tampering on MY 2015 13 liter engine (i.e. 2015 Engine Family FVPTH12.8G01) are such that the inducement algorithm will fail to detect a tampering event. This issue will be addressed by reprogramming the engine control module (¿ECM¿) to ensure correct operation of the inducement algorithm
1141	Modifications to the functionality associated with the SCR inducements for tampering on MY 2015 13 liter engine (i.e. 2015 Engine Family FVPTH12.8G01) are such that the inducement algorithm will fail to detect a tampering event. This issue will be addressed by reprogramming the engine control module (¿ECM¿) to ensure correct operation of the inducement algorithm
1142	BMW will replace the purge valve and grant an emission warranty extension for component purge valve assembled in test group DBMXV01.6N18 of model year 2013 to 10 years / 120,000 miles full useful life.
1143	The ECM of affected vehicles will be reprogrammed to improve in-use emission performance. To improve this performance, the cold fast-idle ignition timing will be retarded to quickly warm up the catalyst and reduce the cold enrichment rate.
1144	The ECM of affected vehicles will be reprogrammed to improve in-use emission performance. To improve this performance, the cold fast-idle ignition timing will be retarded to quickly warm up the catalyst and reduce the cold enrichment rate.
1145	The ECM of affected vehicles will be reprogrammed to improve in-use emission performance. To improve this performance, the cold fast-idle ignition timing will be retarded to quickly warm up the catalyst and reduce the cold enrichment rate.
1146	To improve this condition, Kia will change the emission label.
1147	To correct this problem, Kia will change the VECI label.
1148	To correct this problem, Kia will change the VECI label.
1149	To correct this problem, Kia will change the VECI label.
1150	FCA US will perform an emissions-related voluntary safety recall (U02) on affected vehicles to inspect the fuel line and replace it as needed.
1151	FCA US will perform an emissions-related voluntary safety recall (U01) on affected vehicles to reprogram the powertrain control module with new software, to improve recovery from a loss of crankshaft position synchronization.
1152	Notifications to owners of the affected vehicles will occur by Early April 2018. A sample of the owner notification letter has been included for your reference.
1153	Notifications to owners of the affected vehicles will occur by Early April 2018. A sample of the owner notification letter has been included for your reference.
1154	Notifications to owners of the affected vehicles will occur by Early April 2018. A sample of the owner notification letter has been included for your reference.
1155	Notifications to owners of the affected vehicles will occur by Early April 2018. A sample of the owner notification letter has been included for your reference.

	W
1135	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1136	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
1137	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
1138	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
1139	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
1140	Vehicle warranty registration information and/or state vehicle registration records will be used to identify the names and addresses of vehicle owners.
1141	Vehicle warranty registration information and/or state vehicle registration records will be used to identify the names and addresses of vehicle owners.
1142	BMW will obtain names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
1143	RL Polk and/or internal records
1144	RL Polk and/or internal records
1145	RL Polk and/or internal records
1146	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
1147	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
1148	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
1149	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
1150	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
1151	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
1152	Lexus uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Lexus will use internal company sales lists to notify owners of affected vehicles.
1153	Lexus uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Lexus will use internal company sales lists to notify owners of affected vehicles.
1154	Lexus uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Lexus will use internal company sales lists to notify owners of affected vehicles.
1155	Lexus uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Lexus will use internal company sales lists to notify owners of affected vehicles.

	X
1135	Not applicable.
1136	Not applicable.
1137	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
1138	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
1139	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
1140	All of the affected engines will be addressed according to this plan.
1141	All of the affected engines will be addressed according to this plan.
1142	Not applicable.
1143	None required
1144	None required
1145	None required
1146	There are no restrictions on eligibility.
1147	There are no restrictions on eligibility.
1148	There are no restrictions on eligibility.
1149	There are no restrictions on eligibility.
1150	None.
1151	None.
1152	Any authorized Lexus dealer will replace high pressure fuel pumps with improved ones at NO CHARGE.
1153	Any authorized Lexus dealer will replace high pressure fuel pumps with improved ones at NO CHARGE.
1154	Any authorized Lexus dealer will replace high pressure fuel pumps with improved ones at NO CHARGE.
1155	Any authorized Lexus dealer will replace high pressure fuel pumps with improved ones at NO CHARGE.

	Y
1135	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1136	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1137	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
1138	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
1139	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
1140	The repair will require reprogramming the Engine Control Module (ECM) with new parameters for the monitors identified.
1141	The repair will require reprogramming the Engine Control Module (ECM) with new parameters for the monitors identified.
1142	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer.
1143	Vehicle owners will be asked to make an appointment with their Nissan dealer.
1144	Vehicle owners will be asked to make an appointment with their Nissan dealer.
1145	Vehicle owners will be asked to make an appointment with their Nissan dealer.
1146	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
1147	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
1148	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
1149	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
1150	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
1151	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
1152	Lexus will send an owner notification by first class mail starting in early April 2018, advising owners to make an appointment with their authorized Lexus dealer to have the high pressure fuel pumps replaced with improved ones at NO CHARGE.
1153	Lexus will send an owner notification by first class mail starting in early April 2018, advising owners to make an appointment with their authorized Lexus dealer to have the high pressure fuel pumps replaced with improved ones at NO CHARGE.
1154	Lexus will send an owner notification by first class mail starting in early April 2018, advising owners to make an appointment with their authorized Lexus dealer to have the high pressure fuel pumps replaced with improved ones at NO CHARGE.
1155	Lexus will send an owner notification by first class mail starting in early April 2018, advising owners to make an appointment with their authorized Lexus dealer to have the high pressure fuel pumps replaced with improved ones at NO CHARGE.

	Z
1135	Not applicable.
1136	Not applicable.
1137	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1138	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1139	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1140	Only dealers and authorized agents will perform the required repairs.
1141	Only dealers and authorized agents will perform the required repairs.
1142	Not applicable.
1143	Only Nissan service technicians will be authorized to perform this remedy.
1144	Only Nissan service technicians will be authorized to perform this remedy.
1145	Only Nissan service technicians will be authorized to perform this remedy.
1146	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
1147	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
1148	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
1149	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
1150	None.
1151	None.
1152	The remedy will take approximately two hours. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time. If you experience a fuel odor, please contact your local authorized Toyota dealer who will arrange for vehicle pickup.
1153	The remedy will take approximately two hours. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time. If you experience a fuel odor, please contact your local authorized Toyota dealer who will arrange for vehicle pickup.
1154	The remedy will take approximately two hours. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time. If you experience a fuel odor, please contact your local authorized Toyota dealer who will arrange for vehicle pickup.
1155	The remedy will take approximately two hours. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time. If you experience a fuel odor, please contact your local authorized Toyota dealer who will arrange for vehicle pickup.

	AA
1135	The software update is provided to all authorized BMW centers via our service network.
1136	New oil pipes and turbochargers are provided to all authorized BMW centers via our service network.
1137	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
1138	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
1139	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
1140	Parts are not required. The repair requires programming only.
1141	Parts are not required. The repair requires programming only.
1142	New purge valves are provided to all authorized BMW centers and MINI dealers via our service network.
1143	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.
1144	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.
1145	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.
1146	To improve this condition, Kia will change the emission label. A TSB will be published to notify the dealers and the repairs will be done as a service campaign.
1147	To improve this condition, Kia will change the emission label. A TSB will be published to notify the dealers and the repairs will be done as a service campaign.
1148	To improve this condition, Kia will change the emission label. A TSB will be published to notify the dealers and the repairs will be done as a service campaign.
1149	To improve this condition, Kia will change the emission label. A TSB will be published to notify the dealers and the repairs will be done as a service campaign.
1150	FCA US will have a minimum of 100 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
1151	FCA will supply all dealers with the updated software required to reprogram the Powertrain Control Module.
1152	There are sufficient parts for this program.
1153	There are sufficient parts for this program.
1154	There are sufficient parts for this program.
1155	There are sufficient parts for this program.

	AB
1135	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1136	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1137	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
1138	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
1139	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
1140	Voluntary Recall Report, EDIR 2016-4; Recall EC016 letter contains additional information, recall label location, Proof of Correction form
1141	Voluntary Recall Report, EDIR 2016-4; Recall EC016 letter contains additional information, recall label location, Proof of Correction form
1142	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at 201-571-5193.
1143	
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1152	Other: Signed VERR letter with Dealer Letter, Owner Letter and Tech Instructions, EDIR Mfr#TOYOTA-DIR-20180226
1153	Other: Signed VERR letter with Dealer Letter, Owner Letter and Tech Instructions, EDIR Mfr#TOYOTA-DIR-20180226
1154	Other: Signed VERR letter with Dealer Letter, Owner Letter and Tech Instructions, EDIR Mfr#TOYOTA-DIR-20180226
1155	Other: Signed VERR letter with Dealer Letter, Owner Letter and Tech Instructions, EDIR Mfr#TOYOTA-DIR-20180226

	AC	AD	AE
1135	This repair has no adverse impact on fuel economy.		5945
1136	This repair has no adverse impact on fuel economy.		5946
1137	The proposed changes have no impact on fuel economy.		6966
1138	The proposed changes have no impact on fuel economy.		6966
1139	The proposed changes have no impact on fuel economy.		6966
1140	There is no impact to fuel economy, drivability, performance or safety of the engines associated with the proposed repairs.		6326
1141	There is no impact to fuel economy, drivability, performance or safety of the engines associated with the proposed repairs.		6327
1142	This repair has no adverse impact on fuel economy.		6328
1143	Fuel economy will not be affected by this reprogramming.		6606
1144	Fuel economy will not be affected by this reprogramming.		6606
1145	Fuel economy will not be affected by this reprogramming.		6606
1146	This repair will not affect fuel consumption of these vehicles.		7025
1147	This repair will not affect fuel consumption of these vehicles.		7026
1148	This repair will not affect fuel consumption of these vehicles.		7026
1149	This repair will not affect fuel consumption of these vehicles.		7026
1150	None.		7046
1151	None.		7085
1152	This repair will not affect fuel economy.		7126
1153	This repair will not affect fuel economy.		7126
1154	This repair will not affect fuel economy.		7126
1155	This repair will not affect fuel economy.		7126

	AF	AG	AH	AI
1135		1	Y	N
1136		1	N	N
1137	Additional VINs have been added to this recall. The remedy software is now available for all vehicles identified with the defect and all of these vehicles are now included in this recall.	1	N	N
1138	Additional VINs have been added to this recall. The remedy software is now available for all vehicles identified with the defect and all of these vehicles are now included in this recall.	1	N	N
1139	Additional VINs have been added to this recall. The remedy software is now available for all vehicles identified with the defect and all of these vehicles are now included in this recall.	1	N	N
1140		3	Y	Y
1141		3	Y	Y
1142		0	N	N
1143	Revised the description of specific modifications.	0	N	N
1144	Revised the description of specific modifications.	0	N	N
1145	Revised the description of specific modifications.	0	N	N
1146		1	Y	N
1147		1	Y	N
1148		1	Y	N
1149		1	Y	N
1150	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
1151	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
1152		1	Y	Y
1153		1	Y	Y
1154		1	Y	Y
1155		1	Y	Y

	AJ	AK	AL	AM
1135	N	Y	247715	This repair has no adverse impact on driveability.
1136	N	N	247725	This repair has no adverse impact on driveability.
1137	N	N	302953	The proposed changes have no impact on drivability.
1138	N	N	302953	The proposed changes have no impact on drivability.
1139	N	N	302953	The proposed changes have no impact on drivability.
1140	N	Y	263215	There is no impact to fuel economy, drivability, performance or safety of the engines associated with the proposed repairs.
1141	N	Y	263228	There is no impact to fuel economy, drivability, performance or safety of the engines associated with the proposed repairs.
1142	N	N	263318	This repair has no adverse impact on driveability.
1143	N	N	277235	Drivability will not be affected by this reprogramming.
1144	N	N	277235	Drivability will not be affected by this reprogramming.
1145	N	N	277235	Drivability will not be affected by this reprogramming.
1146	N	N	305865	There is no impact on dirvability.
1147	N	N	305866	There is no impact on dirvability.
1148	N	N	305866	There is no impact on dirvability.
1149	N	N	305866	There is no impact on dirvability.
1150	N	N	306476	None.
1151	N	N	307742	None.
1152	N	Y	309554	This repair will not affect driveability.
1153	N	Y	309554	This repair will not affect driveability.
1154	N	Y	309554	This repair will not affect driveability.
1155	N	Y	309554	This repair will not affect driveability.

	AN	AO	AP	AQ	AR
1135	This repair has no adverse impact on safety.	Y	5712	1	0114
1136	This repair has no adverse impact on safety.	N	5713	0	0136
1137	The proposed changes have no impact safety.	N	6711	1	1345
1138	The proposed changes have no impact safety.	N	6711	1	1345
1139	The proposed changes have no impact safety.	N	6711	1	1345
1140	There is no impact to fuel economy, drivability, performance or safety of the engines associated with the proposed repairs.	N	6070	0	0036
1141	There is no impact to fuel economy, drivability, performance or safety of the engines associated with the proposed repairs.	N	6071	0	0036
1142	This repair has no adverse impact on safety.	N	6072	0	0163
1143	Vehicle Safety will not be affected by this reprogramming.	N	6351	0	0080
1144	Vehicle Safety will not be affected by this reprogramming.	N	6351	0	0080
1145	Vehicle Safety will not be affected by this reprogramming.	N	6351	0	0080
1146	This repair will not affect the safety of these vehicles.	Y	6770	0	0162
1147	This repair will not affect the safety of these vehicles.	Y	6771	1	0089
1148	This repair will not affect the safety of these vehicles.	Y	6771	1	0089
1149	This repair will not affect the safety of these vehicles.	Y	6771	1	0089
1150	None.	N	6791	0	1802
1151	None.	N	6830	0	1801
1152	This repair will not affect safety.	N	6871	0	1803
1153	This repair will not affect safety.	N	6871	0	1803
1154	This repair will not affect safety.	N	6871	0	1803
1155	This repair will not affect safety.	N	6871	0	1803

	AS	AT	AU
1135	N		1
1136	N		1
1137	Y		1
1138	Y		1
1139	Y		1
1140	N		1
1141	N		1
1142	N		1
1143	N	10/3/2017	1
1144	N	10/3/2017	1
1145	N	10/3/2017	1
1146	N	12/31/2018	1
1147	N	12/31/2018	1
1148	N	12/31/2018	1
1149	N	12/31/2018	1
1150	Y	2/24/2018	1
1151	Y	3/8/2018	1
1152	Y		1
1153	Y		1
1154	Y		1
1155	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1156	17239	3/26/2018	2014	ADX	AD-0023	Light-Duty Vehicles and Trucks	2443	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203
1157	17265	4/3/2018	2014	BMX	17E-W14	Light-Duty Vehicles and Trucks	25195	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195
1158	17205	3/16/2018	2012	NSX	FOI_NSX_VER_0002_BD_	Light-Duty Vehicles and Trucks	49385	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
1159	17205	3/16/2018	2011	NSX	FOI_NSX_VER_0002_BD_	Light-Duty Vehicles and Trucks	49385	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498
1160	17284	4/16/2018	2012	GMX	1358	Light-Duty Vehicles and Trucks	4757	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200
1161	17284	4/16/2018	2011	GMX	1358	Light-Duty Vehicles and Trucks	4757	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200

	P	Q	R	S	T
1156		Selective Catalytic Reduction System	4/18/2018	2018	23
1157	Maria.V.Nizhegorodova@bmwnaext.com	Electrical, Mechanical and Cooling Systems	2/9/2018	2018	29
1158		Fuel Delivery System	4/24/2018	2018	2
1159		Fuel Delivery System	4/24/2018	2018	2
1160		Computer Related (Other than OBD)	4/12/2018	2018	1358
1161		Computer Related (Other than OBD)	4/12/2018	2018	1358

	U
1156	During vehicle production, a non-U.S. specification selective catalytic reduction (SCR) catalyst may have been installed in some vehicles. Installation of this SCR catalyst is not compliant with U.S. emissions/regulatory requirements, and may impact vehicle tailpipe emissions under certain conditions. Euro Part Number: 4G0 254 400 A US Part Number: 4G0 254 400 B or BX VWGoA will launch this campaign on or about April 18 as a required vehicle updated (inspect and replace) followed by a formal mail out on or about July 2018.
1157	Due to moisture entering the thermostat housing, the heating element pin is subject to corrosion leading to an increased electrical resistance of the connecting pin. This increased resistance is detected by the OBD system and results in fault code storage and MIL illumination.
1158	On a small number of affected vehicles, the fuel pressure sensor may not have been tightened properly when the remedy for the associated safety recall (NHTSA #12V-069) was performed. As a result, the fuel pressure sensor may loosen gradually due to heat and vibration. If this occurs, over time, a small amount of fuel may leak
1159	On a small number of affected vehicles, the fuel pressure sensor may not have been tightened properly when the remedy for the associated safety recall (NHTSA #12V-069) was performed. As a result, the fuel pressure sensor may loosen gradually due to heat and vibration. If this occurs, over time, a small amount of fuel may leak
1160	The fuel control system for certain 2011-2012 Colorado/Canyon vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected emission performance under conditions represented on the FTP emissions test.
1161	The fuel control system for certain 2011-2012 Colorado/Canyon vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected emission performance under conditions represented on the FTP emissions test.

	V
1156	Volkswagen Group of America, Inc. will initiate campaign (26K6) to inspect and install a replacement Selective Catalytic Converter on affected vehicles .
1157	To eliminate this problem, Dow-Corning sealant will be used on the thermostat pins to prevent corrosion.
1158	For vehicles previously remedied using the original method for NHTSA #12V-069, Nissan dealers will re-tighten the fuel pressure sensor to the proper torque specification using the new safety recall remedy procedure. The manufacturing process was previously improved for this issue and current vehicle production is not affecte
1159	For vehicles previously remedied using the original method for NHTSA #12V-069, Nissan dealers will re-tighten the fuel pressure sensor to the proper torque specification using the new safety recall remedy procedure. The manufacturing process was previously improved for this issue and current vehicle production is not affecte
1160	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for certain 2011-2012 Colorado/Canyon with 5.3L engines.
1161	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for certain 2011-2012 Colorado/Canyon with 5.3L engines.

	W
1156	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
1157	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
1158	RL Polk and/or internal records
1159	RL Polk and/or internal records
1160	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
1161	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own

	X
1156	Upon inspection, the dealer will evaluate the part number of the SCR Catalyst and replace the European specification part with the correct U.S. specification part.
1157	Not applicable.
1158	None required
1159	None required
1160	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
1161	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.

	Y
1156	Authorized Audi dealers will receive notification and detailed information on this campaign on or about, April 18, 2018. Due to initial parts constraints, affected vehicles are addressed when Approved Emissions Modifications (AEM) repairs or other warranty work is performed. Audi owners will receive notification by mail of this program on or about (July 2018). Enclosed are examples of Warranty Circulars and Customer Letters.
1157	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
1158	Owners will receive a letter instructing them to schedule an appointment with a dealer to have the new remedy procedure performed.
1159	Owners will receive a letter instructing them to schedule an appointment with a dealer to have the new remedy procedure performed.
1160	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
1161	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names

	Z
1156	It is anticipated based on inspection, that all affected vehicles will be remedied by authorized Audi dealers.
1157	Not applicable.
1158	Only Nissan dealers will be authorized to perform this remedy.
1159	Only Nissan dealers will be authorized to perform this remedy.
1160	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
1161	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.

	AA
1156	Based on analysis, Audi anticipates a low number of affected vehicles. Due to initial limited parts volumes, Audi dealers will inspect and replace the SCR on affected vehicles arriving at the workshop for AEM or other warranty work. Sufficient part quantities to address remaining affected vehicles within the VIN range will follow i
1157	New parts are provided to all authorized BMW centers via our service network.
1158	No replacement parts are anticipated to be used for this remedy, however, parts are available if needed. Any resultant part usage will be monitored.
1159	No replacement parts are anticipated to be used for this remedy, however, parts are available if needed. Any resultant part usage will be monitored.
1160	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
1161	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.

	AB
1156	Forwarding Letter is CBI
1157	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
1158	The subject of this EDIR is a remedy update for MY2001-2012 Juke vehicles previously remedied under the ongoing Fuel Pressure Sensor Recall (NHTSA #12V-069). Nissan has submitted a new defect report to NHTSA informing them of the remedy update to the recall. This information is also being reported to the California Air Resources Board. Other document: NHTSA Defect Information Report
1159	The subject of this EDIR is a remedy update for MY2001-2012 Juke vehicles previously remedied under the ongoing Fuel Pressure Sensor Recall (NHTSA #12V-069). Nissan has submitted a new defect report to NHTSA informing them of the remedy update to the recall. This information is also being reported to the California Air Resources Board. Other document: NHTSA Defect Information Report
1160	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
1161	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.

	AC	AD	AE
1156	No impact with this SCR Catalyst replacement.		7127
1157	This repair has no adverse impact on fuel economy.		7165
1158	There is no anticipated impact on fuel economy for this repair.		7106
1159	There is no anticipated impact on fuel economy for this repair.		7106
1160	The proposed changes have no impact on fuel economy.		7205
1161	The proposed changes have no impact on fuel economy.		7205

	AF	AG	AH	AI
1156		3	Y	N
1157		0	N	N
1158	Safety Recall Campaign has been revised	1	N	N
1159	Safety Recall Campaign has been revised	1	N	N
1160		1	N	N
1161		1	N	N

	AJ	AK	AL	AM
1156	N	Y	309571	Not applicable
1157	Y	N	310409	This repair has no adverse impact on drivability.
1158	N	Y	308591	There is no anticipated impact on drivability for this repair.
1159	N	Y	308591	There is no anticipated impact on drivability for this repair.
1160	N	N	311588	The proposed changes have no impact on drivability.
1161	N	N	311588	The proposed changes have no impact on drivability.

	AN	AO	AP	AQ	AR
1156	Not applicable	N	6872	0	0112
1157	This repair has no adverse impact on safety.	N	6910	0	0222
1158	Re-tightening of the fuel pressure sensor to the proper torque will reduce the potential for a small fuel leak to develop over time.	N	6851	1	0010
1159	Re-tightening of the fuel pressure sensor to the proper torque will reduce the potential for a small fuel leak to develop over time.	N	6851	1	0010
1160	The proposed changes have no impact safety.	N	6970	0	1358
1161	The proposed changes have no impact safety.	N	6970	0	1358

	AS	AT	AU
1156	Y	4/19/2018	1
1157	N		1
1158	N	4/25/2018	1
1159	N	4/25/2018	1
1160	Y		1
1161	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M
3		Column Labels											
4		2009		2010		2011		2012		2013		2014	
5	Row Labels	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL
6	ADX							3	13106	3	284799	4	279384
7	BMX					1	58008	3	20349	1	181	1	367
8	CEX											1	127483
9	CRX			1	65184			6	323544	7	474175	6	261266
10	EPA					1	1						
11	FJX							1	168810	1	102077		
12	FMX					2	4632	5	220613	4	663211	6	1143213
13	FPX												
14	GMX					3	62859	3	139346	3	98101	4	101940
15	HNX									4	80290	2	971247
16	HYX											1	62586
17	JLX											1	115510
18	KMX											1	26864
19	LRX					1	5158						
20	LTX									1	5476		
21	MAX												
22	MBX												
23	NLX												
24	NSX					2	88870	9	328172	2	402	3	79428
25	PRX												
26	RII					1	155						
27	SKX												
28	TKX							1	3144			4	150627
29	TYX	1	496223	6	4033598	5	784762	2	44174	4	20227512	6	5487623
30	VGA									1	31983		
31	VWX					1	159935	1	167	2	445298	4	198735
32	**Grand Total**	**1**	**496223**	**7**	**4098782**	**17**	**1164380**	**34**	**1261425**	**33**	**22413505**	**44**	**9006273**

	N	O	P	Q	R	S	T	U	V	W
3										
4	2015		2016		2017		2018		Total Distinct Count of VERR_ID	Total Sum of TOTAL_COVERED_BY_RECALL
5	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL	Distinct Count of VERR_ID	Sum of TOTAL_COVERED_BY_RECALL		
6	3	280552	2	19121	1	11088	3	24804	19	912854
7	9	401536	2	25322	27	1441759	3	143975	47	2091497
8	1	33677	1	135824	1	88419	1	49	5	385452
9	12	697181	11	644218	12	653494	4	194473	59	3313535
10									1	1
11			4	148847					6	419734
12	11	1095357	6	1673457	9	248183	1	72635	44	5121301
13	1	10458	1	12930					2	23388
14	9	762691	5	201689	6	250935	3	5393	36	1622954
15	6	88318	4	991456	6	232665			22	2363976
16			2	79905	1	260792			4	403283
17	1	19269	1	1934					3	136713
18			4	146961	1	61023	2	22789	8	257637
19									1	5158
20									1	5476
21			1	23479					1	23479
22			1	73696					1	73696
23					1	729			1	729
24	3	87076	4	329461	4	504376	1	49385	28	1467170
25					1	2299	1	13987	2	16286
26									1	155
27	1	19250							1	19250
28	2	86064	4	315810	1	69447			12	625092
29	1	170172	8	996401	11	694351	5	150792	49	33085608
30			3	57330	2	1298	2	6991	8	97602
31	4	439980	1	91442	2	417097			15	1752654
32	**64**	**4191581**	**65**	**5969283**	**86**	**4937955**	**26**	**685273**	**377**	**54224680**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	VERR_ID	DOC_PUB_DT	MFR_CODE	MFR_VERR_NUMBER	Industry Category	TOTAL_COVERED_BY_RECALL	ACTIVE_YN	SUBMITTER_NAME	SUBMITTER_EMAIL	SUBMITTER_PHONE	SUBMITTER_ADDTNL_EMAIL	CONTACT_NAME	CONTACT_EMAIL	CONTACT_PHONE	CONTACT_ADDTNL_EMAIL
2	1747	2/28/2011	EPA	1234ABC	Light-Duty Vehicles and Trucks	1	Y					Mr. Mike Heese	heese.michael@epa.gov	3014296506	heese.michael@epa.gov
3	1828	6/20/2011	RII	Roush_2011_0003	Light-Duty Vehicles and Trucks	155	Y					Mr. Rocco Bellino	rocco.bellino@roush.com	7347797868	rocco.bellino@roush.com
4	1951	7/25/2011	LRX	Q131_VERR	Light-Duty Vehicles and Trucks	5158	Y					Mr. James Fisher	jfish143@jaguarlandrover.com	2018188355	
5	2034	8/4/2011	FMX	11E02	Light-Duty Vehicles and Trucks	1688	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404	
6	2047	8/16/2011	GMX	1102	Light-Duty Vehicles and Trucks	58394	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641	
7	2117	9/7/2011	FMX	11S20	Light-Duty Vehicles and Trucks	2944	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404	
8	2350	10/25/2011	GMX	1106	Light-Duty Vehicles and Trucks	1455	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641	
9	2400	11/17/2011	NSX	FOI_NSX_VER_0001_BD_	Light-Duty Vehicles and Trucks	396	Y					John Gibbons	john.gibbons@nissan-usa.com	615-725-6394	
10	2415	12/1/2011	GMX	1105	Light-Duty Vehicles and Trucks	3010	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641	
11	2441	12/22/2011	VWX	VW-2011-12-15-1	Light-Duty Vehicles and Trucks	159935	Y					Mr. Gregory McReynolds None	gregory.mcreynolds@vw.com	2487544203	
12	2480	1/13/2012	TKX	1001	Light-Duty Vehicles and Trucks	3144	Y					Mr. David Robertson	DRobertson@mazdausa.com	3135947778	
13	2486	1/13/2012	BMX	11E-W02	Light-Duty Vehicles and Trucks	58008	Y					Stephen Sinkez	Stephen.Sinkez@bmwna.com	201-571-5069	stephen.sinkez@bmwna.com
14	2526	2/14/2012	FMX	11E03	Light-Duty Vehicles and Trucks	7446	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404	
15	2527	2/14/2012	FMX	11E04	Light-Duty Vehicles and Trucks	7417	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404	
16	2528	2/15/2012	CRX	L41	Light-Duty Vehicles and Trucks	185497	Y					Mr. Keith Fillmore	krf2@chrysler.com	2485765466	dwr1@chrysler.com
17	2612	2/27/2012	NSX	FOI_NSX_VER_0003_BD_	Light-Duty Vehicles and Trucks	25693	Y					John Gibbons	john.gibbons@nissan-usa.com	615-725-6394	
18	2615	2/29/2012	GMX	1201	Light-Duty Vehicles and Trucks	507	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641	
19	2619	3/1/2012	NSX	FOI_NSX_VER_0005_BD_	Light-Duty Vehicles and Trucks	23531	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415	
20	2622	3/9/2012	NSX	FOI_NSX_VER_0004_BD_	Light-Duty Vehicles and Trucks	225254	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415	
21	2725	3/28/2012	CRX	M03	Light-Duty Vehicles and Trucks	15441	Y					Mr. Dennis Rakicki	dwr1@chrysler.com	2485765468	krf1@chrysler.com
22	2735	3/30/2012	NSX	FOI_NSX_VER_0008_BD_	Light-Duty Vehicles and Trucks	26633	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415	
23	2736	3/30/2012	NSX	FOI_NSX_VER_0006_BD_	Light-Duty Vehicles and Trucks	80993	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415	
24	2737	3/30/2012	NSX	FOI_NSX_VER_0007_BD_	Light-Duty Vehicles and Trucks	7877	Y					Mr. John Pommer	john.pommer@nissan-usa.com	6157250415	
25	2821	4/17/2012	GMX	1107	Light-Duty Vehicles and Trucks	138717	Y					Ms. Kimber L Sinacola	kimber.l.sinacola@gm.com	2486855641	
26	2885	5/4/2012	FMX	12B33	Light-Duty Vehicles and Trucks	139790	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404	
27	2887	5/4/2012	FMX	12B34	Light-Duty Vehicles and Trucks	56634	Y					Mrs. Marie Wilson	mwilso18@ford.com	3132482404	
28	2987	5/22/2012	VWX	VW-2012-05-22-1	Light-Duty Vehicles and Trucks	167	Y					Mr. Gregory McReynolds None	gregory.mcreynolds@vw.com	2487544203	n/a
29	3006	5/25/2012	CRX	M11	Light-Duty Vehicles and Trucks	1739	Y					Mr. Keith Fillmore	krf2@chrysler.com	2485765466	dwr1@chrysler.com

	P	Q	R	S
1	**PROBLEM_CATEGORY**	**OWNER_NOTIF_START_DATE**	**Owner notification start dt year**	**VERR_NUMBER**
2	Diesel Particulate Filter System	3/14/2011	2011	1
3	Fuel Delivery System	5/23/2011	2011	3
4	Computer Related (Other than OBD)	4/18/2011	2011	1
5	On-Board Diagnostic (OBD) System	7/15/2011	2011	1
6	Electrical, Mechanical and Cooling Systems	8/29/2011	2011	1102
7	Fuel Tank Component	8/16/2011	2011	2
8	Fuel Tank Component	11/4/2011	2011	1106
9	Computer Related (Other than OBD)	2/6/2012	2012	1
10	Catalyst/Aftertreatment Component/System (non-diesel engine)	12/20/2011	2011	1105
11	Fuel Delivery Component	11/9/2011	2011	1
12	Computer Related (Other than OBD)	1/16/2012	2012	1001
13	Evaporative Emissions Systems	12/16/2011	2011	1
14	On-Board Diagnostic (OBD) System	1/25/2012	2012	1103
15	On-Board Diagnostic (OBD) System	1/24/2012	2012	1104
16	Computer Related (Other than OBD)	2/15/2012	2012	1141
17	Fuel Delivery System	3/19/2012	2012	3
18	Computer Related (Other than OBD)	2/29/2012	2012	1201
19	Fuel Delivery Component	4/2/2012	2012	5
20	Exhaust System	4/16/2012	2012	4
21	On-Board Diagnostic (OBD) System	3/16/2012	2012	1203
22	Electrical, Mechanical and Cooling Systems	3/30/2012	2012	8
23	Electrical, Mechanical and Cooling Systems	5/13/2011	2011	6
24	Electrical, Mechanical and Cooling Systems	5/13/2011	2011	7
25	Ignition Component	5/8/2012	2012	1107
26	NOx Sensor	4/23/2012	2012	1233
27	Turbocharger/Supercharger	5/29/2012	2012	1234
28	Fuel Delivery Component	4/24/2012	2012	2
29	Fuel Tank Component	5/21/2012	2012	1211

	T
1	**DESCRIPTION_OF_DEFECT**
2	This is a defect description
3	The valve installed in the fuel rail service port of the ROUSH Liquid Propane Autogas Fuel System (???Kit???) may be out of specification. This could result in insufficient compression on the o-ring and possible leakage of propane autogas
4	IUVP/IUCP testing of test group 7LRXT04.2001 indicated excessive NOx levels in the 4.4L naturally aspirated version of engines in this test group. Further investigation revealed an ECM calibration anomaly where certain driving conditions (e.g., excessive stop and go traffic) cause the calibration to adapt to an out-of-spec state. A
5	Some 2011 model year Ford Superduty trucks with 6.7L Diesel Engines may have an inoperative Zero Fuel Calibration (ZFC) feature and associated On Board Diagnostic (OBD) monitor. Only vehicles with Revision 22 level calibrations may be affected. The ZFC feature was designed to initiate when certain conditions are all true. An
6	The camshaft position actuator system is controlled by the engine control module (ECM). The ECM sends a signal to the camshaft position actuator solenoids (intake and exhaust) in order to control the amount of engine oil flow to a cam actuator passage. Certain vehicles built from February 17, 2011 through June 3, 2011, were b
7	Some 2007 Ford 500, Freestyle and Mercury Montego vehicle may have evaporative leaks at the fuel tank filler spud due to inconsistencies in the fuel tank molding process.
8	The clamp that connects the fuel fill hose to the fuel tank Inlet Check Valve (ICV) may have been inaccurately installed on certain Chevrolet Sonics, built at the General Motors Lake Orion assembly plant. An inaccurately installed clamp may result in an inadequate seal between the fill hose and ICV.
9	Incorrect CVN number in 40 prototype ECM's that have been isolated to a population of 396 US vehicles built between January 17, 2011 and April 1, 2011.
10	The affected component is the catalytic converter on certain 2007 Hummer H2 equipped with a 6.0L engine. For start of production in 2007model year, the H2 used two catalytic converters that utilized a 2-brick design. . Exhaust system vibration may result in the shorter front brick ???rocking??? back and forth in the support ma
11	In US specific applications of the 2.0L TDI common rail diesel engine / Clean Diesel engine (engine codes CJAA and CBEA; emissions related de-NOx and de-SOx regeneration cycles) the fuel injection system pulses could coincide with the natural frequency of the injector line #2 in specific load and RPM conditions. This resonance cr
12	On certain 2012MY Mazda3 2.0L DI (direct injection engine) equipped with a Variable Valve Timing (VVT) system the intake cam angle may be detected improperly due to a software error in the Powertrain Control Module (PCM). As a result, the internal gear of the intake VVT actuator may stick at the full retarded position, causing
13	EDIR-07-N52-0001: The affected part number 16137193479 relates to the leak diagnostic pump. In less than 20% of all cases an electrical defect (e.g. short to ground) of the leak diagnostic pump was the reason for replacement. However, the main reason for unnecessary leak diagnostic pump changes in the field are detected leakages caused e.g. by a fuel filler cap not completely tightened. EDIR-07-N12-0002: The affected part number 16137193479 relates to the Leak Diagnostic Pump. In about 55% of all cases a malfunction of the leak diagnostic pump (e.g. electrical defect: short to ground) was the reason for replacement. However, in about 45% the leak diagnostic pump was changed unnecessarily in the field (e.g. due to detected leakages caused by a fuel filler cap not completely tightened). EDIR-08-N52-0003: The affected part number 16137193479 relates to the leak diagnostic pump. In about 80% of all cases a malfunction of the leak diagnostic pump (e.g. electrical defect: short to ground) was the reason for replacement. However, in about 20% the leak diagnostic pump was changed unnecessarily in the field (e.g. due to leakages detected by the leak diagnostic pump).
14	Due to an error in the calibration, these vehicles lack a functioning .02 inch leak monitor, P0456.
15	Affected vehicles will not light the Malfunction indicator Lamp if the Engine Control Module (ECM)loses vehicle speed input. (Diagnostic trouble code P1934)
16	A software issue may allow the Oxygen Sensor heater driver to stay on for a few seconds after the key is turned to the ???Off??? position and damage the Oxygen Sensor heater circuit sense resistor. A single sense resistor is used to determine the temperature of all Oxygen Sensors one at a time. Therefore, if the circuit is damage
17	The fuel rail pressure sensor on certain vehicles might be tightened insufficiently to the fuel rail of the direct inject type engine. It may loosen gradually by the heat and vibration of the engine during driving. If the vehicle continues to be driven in this condition, in an extreme case, there may be a fuel odor or leak.
18	Certain vehicles were serviced with an incorrect engine calibration between Sept. 2011 and Dec. 2011. This incorrect service calibration had some knock detection calibration values altered from intended values. Vehicles that received the incorrect engine calibration may experience a small reduction in engine power when op
19	On 2011-2MY Quests manufactured through February 21, 2012 the fuel pump control module control program is incorrect. The incorrect program reduces fuel pump voltage at low engine speeds which may result in the fuel pump not having enough capability to supply fuel to the engine while driving at slow speeds or idling on a d
20	Nissan IUVP testing has indicated higher than expected exhaust emissions from the 2007 and 2008MY California specification Altima PZEV SULEV emission vehicles. ARB also conducted 2008MY surveillance testing based upon Nissan's IUVP test results. These higher than expected exhaust emissions were eventually determined to be due to higher than expected exhaust temperatures that resulted from timing retard due to a due to a false knock determination during valve closure.
21	Some 2012 Fiat 500 vehicles may have been built with a cover on the Diagnostic Link Connector (DLC) which was not approved by CARB.
22	On some 2011MY Titan and Armada vehicles, below normal A/C performance has resulted from poor supplier equipment set-up instructions that led to locator holes being drilled in the wrong location.
23	On some 2009-11MY titan and 2010-11MY Armada vehicles, the A/C door motor performance has been poor leading to customers potentially running the A/C systems at a higher setting to get the desired cooling effects.
24	On some 2010MY Infiniti vehicles, the A/C door motor performance has been poor leading to customers potentially running the A/C systems at a higher setting to get the desired cooling effects.
25	The component that failed is the ignition coil assembly. The failure mode is a breakdown of the dielectric seal between the spark plug boots, that are an integral part of the coil assembly, and the spark plug ceramic insulator. The dielectric seal is formed by a silicone boot stretched over the spark plug ceramic insulator. If this di
26	Some 2011 and 2012 F-Series, Superduty trucks with 6.7L Diesel may experience damaged NOx sensors due to the strategy programing of the NOx module. NOx sensors may be damaged by exhaust condensate contamination of the oxygen diffusion cell at cold start resulting in improper oxygen sensor reading or by water deposit
27	Some 2011 and 2012 F-Series, Superduty trucks with 6.7L Diesel (Dynomometer Certified) engines may experience high cycle fatigue damage to the turbocharger blades. Such damage may occur if the turbine blades reach resonance due to excessive turbine speed and turbine expansion ratios. Additonally, these vehicles may ex
28	Small number of fuel filter elements became wet during transport from one plant to another plant. The new plant dried the material in a way that the sealing surface of the filter insert could have been deformed, and these parts were used for the complete filter assembly. Part numbers involved: Diesel Fuel Filter Element 7N0 127 177
29	Some 2012 Jeep Compass/Patriot vehicles may have been built with a fuel tank assembly containing a roll-over valve (ROV) that may have been damaged during assembly, which could result in fuel leakage in the event of an impact or rollover event. A kinked vacuum line in the helium leak tester allowed fuel tanks to distort durin

	U
1	**CHANGES_TO_VEHICLES_OR_ENGINES**
2	Describe the specific&null;modifications.
3	The remedy for this condition will consist of removing the existing valve from the fuel rail service port and replacing it with a new properly-machined valve.
4	Update affected vehicles with revised engine management system calibration. For additional&null;details, please refer to the related Technical Bulletin No. Q131.
5	The transmission control module and the engine control module will be reprogrammed to the Revision 23 (or higher) calibration where the flag indicating that the TCM has requested a locked torque converter has been re-enabled.
6	A voluntary emission recall will be conducted on affected vehicles to install a revised ECM calibration, that raises the directed pulse width modulation frequency for the solenoids, to avoid premature bearing wear. Additionally, for any sold vehicles, new solenoids will be installed.
7	Affected vehicles will have the fuel tank replaced.
8	A Voluntary Emission Recall will be initiated, to inspect the hose fitting to the ICV and reinstall the clamp, as needed.
9	Reprogram ECM
10	A voluntary emission recall will be conducted for any identified vehicles that have the 2-brick design converter. The converter assembly will be replaced with a single brick converter.
11	On vehicles produced during December 2008, January-February 2009, October 2009, March-April 2010 and September-December 2010, the #2 fuel injector line will be replaced. In addition, on all 4 fuel injector lines a vibration damper will be installed as a precautionary measure.&null;- All vehicles produced in other production
12	The PCM will be reprogrammed with modified software.&null;And, if necessary, when vehicles are brought to dealers, Mazda will replace the VVT system if the VVT does not return from the most retarded angle position.
13	BMW will extend the emissions warranty of the affected Leak Diagnostic Pumps to 10 years / 120,000 miles.
14	Affected vehicles registered in Section 177 states will be updated with a calibration including a functioning .02 inch leak detection monitor, P0456.
15	Affected vehicles will be updated with a calibration the includes a functioning P1934 code that will light the MIL if the ECM loses vehicle speed input.
16	Chrysler will perform a customer satisfaction notification (L41) to update the powertrain control module software and replace any PCMs that have faults for the Oxygen Sensor heater circuit.
17	The tightening torque process of the fuel rail pressure sensor has been improved in production. Infiniti will conduct a voluntary safety recall campaign on vehicles in the filed.
18	A voluntary emissions recall has been conducted on affected vehicles to reprogram the Engine Control Module with the correct system calibration, correcting the knock detection values.
19	ECM reprogramming will occur to increase the voltage to the fuel pump control module, thereby eliminating the potential for fuel starvation.
20	ECM reprogramming will occur to eliminate the false knock detection on the 4th cylinder. Based upon significant investigation, manifold catalysts on vehicles with greater than 50K mileage will also be replaced. Any cracked manifold catalyst or front exhaust tube with catalyst will be replaced regardless of vehicle mileage.
21	Chrysler will perform a voluntary emissions recall (M03) to have the DLC cover removed.
22	Nissan launched a voluntary service campaign to notify customers to seek service to remedy the situation. The receiver/dryer tank and the expansion valve are being replaced as required.
23	Nissan launched a voluntary service campaign to notify customers to seek service to remedy the situation. The A/C door motors are being replaced.
24	Infiniti launched a voluntary service campaign to notify customers to seek service to remedy the situation. The A/C door motors are being replaced.
25	New boots, that are 3.1mm longer, have been designed and released for use in service. Additionally, new spark plugs, with a reduced gap of 0.9mm, have been released for use in service. General Motors will conduct a Voluntary Emission Recall, to install the new boots on the ignition coil and replace the 1.1mm gap spark plugs with the new 0.9mm spark plugs.
26	Vehicles will receive updated NOx module calibrations which slowly preheats the NOx sensor preventing migration of the exhaust condensate to the diffusion cell and evaporating condensation which may cause thermal shock. Vehicles will also receive updates to the Powertrain Control Module (PCM) and the Transmission Con
27	Vehicles will receive updated Powertrain Control Module (PCM) calibrations that will limit the opportunity for high cycle turbo fatigue caused by resonance. These vehicles will also receive updated NOx module calibrations which slowly preheats the NOx sensor preventing migration of the exhaust condensate to the diffusion ce
28	Dealers will replace the diesel fuel filter element in affected vehicles.
29	Chrysler will conduct a voluntary safety recall (M11) on all affected vehicles to replace the fuel tank assembly.

	V
1	**METHOD_TO_DETERMINE_OWNERS**
2	Describe the method used to&null;determine the names and&null;addresses of the vehicle or engine&null;owners
3	Roush has determined the names and addresses of the fleet customers that own affected vehicles from Roush Clean Tech Authorized Installation Centers that installed the Kit on the affected vehicles.
4	Land Rover has determined the affected VINs, and has contracted R. L. Polk & Co to&null;compile owner information and conduct mailings to owners on the basis of these VINs.
5	Ford production and service records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
6	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
7	Ford production and service records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
8	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
9	RL Polk
10	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
11	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
12	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
13	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
14	Ford production and service records was utilized to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
15	Ford production and service records was utilized to identify the affected vehicle. R.L. Polk was used to identify the owner names and addresses.
16	Chrysler will notify vehicle owners by first class mail, based on R. L. Polk State Registration records and Chrysler owner records.
17	RL Polk
18	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
19	RL Polk
20	RL Polk
21	Chrysler will notify vehicle owners by first class mail, based on R. L. Polk State Registration records and Chrysler owner records.
22	RL Polk
23	RL Polk
24	RL Polk
25	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
26	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
27	Ford production and service records were utilized to identify the affeced vehicles. R.L. Polk was used to identify the owner names and addresses.
28	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
29	Chrysler provides the US VIN list for the specific recall to R.L. Polk (soon to be Experian) for the latest customer name and address information. R.L. Polk searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). R.L. Polk sends this information to Chrysler to

	W
1	**MAINT_FOR_REPAIR_ELIGIBILITY**
2	Describe the conditions, proper&null;maintenance, or use upon which&null;the manufacturer determines&null;eligibility for repair
3	VIN's have been identified that are involved in this repair procedure, customers and service centers have been contacted directly for notification and direction on repair procedure and all replacement parts have been sent out for the repair.
4	There are no eligibility conditions for maintenance or use.
5	Eligibility for this program is not conditioned upon proper maintenance or use.
6	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
7	Eligibility for this program is not conditioned upon proper maintenance or use.
8	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
9	None required
10	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
11	There are no maintenance or eligibility requirements.
12	There will be no restrictions on eligibility.
13	Not applicable
14	Eligibility for the program is not conditioned upon proper maintenance or use.
15	Eligibility for the program is not conditioned upon proper maintenance or use.
16	None.
17	None required
18	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
19	None required
20	None required
21	None.
22	None required
23	None required
24	None required
25	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
26	Eligibility for the program is not conditioned upon proper maintenance or use.
27	Eligibility for the program is not conditioned upon proper maintenance or use.
28	There are no maintenance or eligibility requirements.
29	None.

	X
1	**PROCEDURE_TO_GET_CORRECTION**
2	Describe the procedure for the&null;vehicle or engine owners to correct&null;the nonconformity
3	Customer to take vehicle to designated authorized service center.
4	Vehicle owners are requested to contact their local dealer and arrange an appointment&null;to have their vehicles serviced.
5	See Owner Notification Letter attached.
6	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
7	See Owner Notification Letter attached.
8	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
9	Schedule an appointment after a date to be determined, probably in the January/February 2012 timeframe.
10	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
11	Affected authorized Volkswagen dealers have received notification and detailed repair instructions on or about November 11, 2011. Enclosed are examples of Dealers Circular.
12	As all Mazda dealers will be provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in January 2012, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealer.
13	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer.
14	See Owner Notification Letter.
15	See owner notification Letter.
16	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
17	Schedule an appointment after receiving the owner letter.
18	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
19	Schedule an appointment after receiving the owner letter.
20	Schedule an appointment after receiving the owner letter.
21	Owners are requested to remove the DLC cover or make arrangements for the Dealer to do so.
22	Schedule an appointment after receiving the owner letter.
23	Schedule an appointment after receiving the owner letter.
24	Schedule an appointment after receiving the owner letter.
25	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
26	See Owner Notification Letter.
27	See Owner Notification Letter.
28	Affected authorized Volkswagen dealers have received notification and detailed repair instructions on or about April 18, 2012. Enclosed are examples of Dealer's Circular.
29	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.

	Y
1	**NON_DEALERS_WHO_WILL_REMEDY**
2	Describe any authorized warranty&null;agents or persons other than&null;dealers who will remedy the&null;defect
3	Only the designated authorized service centers.
4	All required service will be performed by Land Rover dealers.
5	Only Ford Authorized dealers are authorized to perform the corrective action for this recall.
6	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
7	Only Ford Authorized dealers are authorized to perform the corrective action for this recall.
8	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
9	Only Infiniti dealers
10	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
11	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
12	Repair work will be performed only by authorized Mazda dealers.
13	Not applicable
14	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
15	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
16	None.
17	Only Infiniti dealers
18	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
19	Only Nissan dealers
20	Only Nissan dealers
21	None.
22	Only Nissan dealers
23	Only Nissan dealers
24	Only Infiniti dealers
25	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
26	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
27	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
28	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
29	None.

	Z
1	**PARTS_SUPPLY_ASSURANCE_SYSTEM**
2	Describe the system used to assure&null;an adequate supply of parts will be&null;available to perform the repair
3	All parts have been sent to customers to cover 100% of the necessary repairs.
4	There are no parts required for this service.
5	No parts are required for this action. The required ECM and TCM calibration information is currently available at Ford Authorized dealers.
6	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales.
7	Parts for this repair are available to dealers through the normal service part distribution system.
8	No parts are needed. The dealers will be instructed on how to reinstall the original clamp, if needed.
9	No parts required
10	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales.
11	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to replace as needed, through the normal Volkswagen Group of America parts system.&null; &null;
12	The necessary number of repair parts / software will be available at any authorized Mazda dealer.
13	New leak diagnostic pumps are provided to all authorized BMW centers and MINI dealers via our service network.
14	No parts are required for this action. The required Engine Control Module (ECM) calibrations information is currently available at Ford authorized dealers.
15	No parts are required for this action. The required Engine Control Module (ECM) calibrations information is currently available at Ford authorized dealers.
16	Chrysler will supply all dealers with a calibration reflash with the latest update.
17	If there is evidence of fuel seepage, the gasket will be replaced wit a new one. Part usage will monitored.
18	There are no parts involved in this campaign. ECM calibrations have been made available electronically through General Motors Customer Care and Aftersales.
19	No parts required - ECM reprogramming only
20	Nissan will roll out the campaign in 3 stages to help ensure an adequate supply of manifold catalysts. Nissan has been working with the supplier and will monitor to ensure sufficient part supply. Launch of the 2nd and 3rd stages can be moved forward or back as part supply dictates. Current timing estimates: 2010MY - 4/16/2012 2009MY - 10/8/2012 2008MY and 2007MY - 4/8/2013
21	No parts are required to perform the DLC cover removal
22	An adequate parts supply was determined prior to launch. Nissan continues to monitor part supply.
23	An adequate supply was determined prior to launch. Nissan continues to monitor part supply.
24	An adequate supply was determined prior to launch. Infiniti continues to monitor part supply.
25	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
26	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
27	No parts are required for this action . The required PCM, TCM and NOx module calibrations are currently available at Ford authorized dealers.
28	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to replace the diesel fuel filter element in the involved vehicles, through the normal Volkswagen Group of America parts system.
29	A minimum of 35% of the parts necessary to repair all of the vehicles are in Mopar inventories before the campaign is launched. Additional parts are ordered by Mopar to meet demand.

	AA
1	**NOTES**
2	These are notes
3	NTHSA RECALL
4	This Verify submitted Q131_VERR is related to the Q131_VERR previously submitted to the EPA on 28-Apr-11. &null;&null;The content of this Verify Q131_VERR submission and the 28-Apr-11 Q131_VERR submission, including related documents, are in agreement. &null;
5	
6	
7	
8	
9	Volumes on the next page reflect vehicles manufactured between January 17, 2011 and April 1, 2011.
10	
11	
12	Mazda assigned a recall number #6511K on this service action.
13	
14	
15	
16	
17	Volumes on the next page reflect Infiniti QX vehicles manufactured between through December 24, 2011 and Infiniti M56 vehicles manufactured through December 16, 2011.
18	
19	Volumes are for production through February 21, 2012.
20	Volumes on the next page are for vehicle production through August 2, 2010.
21	The Owner and Dealer Notifications are being submitted as one combined document (VERR M03 Owner & Dealer Notifications.pdf).
22	VERR is being submitted for previously launched A/C efficiency related service campaign in order to support Nissan application for retroactive GHG credits. This case was discussed with Joel Ball.
23	VERR is being submitted for previously launched A/C efficiency related service campaign in order to support Nissan application for retroactive GHG credits. This case was discussed with Joel Ball.
24	VERR is being submitted for previously launched A/C efficiency related service campaign in order to support Nissan/Infiniti application for retroactive GHG credits. This case was discussed with Joel Ball.
25	
26	This VER corrects chassis certified vehicles included in EDIR 0012. The dynomometer certified vehicles included in EDIR 0012 will receive correction via VER1234 (Ford # 12B34)
27	Owner Notification Date is estimated.
28	Forwarding Letter - CBI
29	Only AWD vehicles are affected. There have not been any field failures to date.

	AB	AC	AD
1	**IMPACT_ON_FUEL_ECONOMY**	**VERR_TYPE**	**VERR_STATUS_HISTORY_ID**
2	Describe the impact of the&null;proposed changes on fuel&null;economy		771
3	NONE		1018
4	There is no impact on fuel economy.		1014
5	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		1016
6	The proposed changes have no impact on fuel economy.		1012
7	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		891
8	The proposed changes have no impact on fuel economy.		1011
9	In the rare event that a misfire DTC sets the MIL, "fail-safe" operation may also be triggered limiting vehicle performance and suspending hybrid operation, thereby possibly affecting short-term fuel economy.		1031
10	The proposed changes have no impact on fuel economy.		1032
11	Not applicable		1052
12	There is no impact on fuel economy.		1072
13	This repair has no adverse impact on fuel economy.		1075
14	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1114
15	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1115
16	None.		1116
17	No impact on fuel economy because it will be detected quickly and worst case is a very small amount of fuel seepage.		1117
18	The proposed changes have no impact on fuel economy.		1119
19	Negligible impact on fuel economy.		1120
20	Fuel economy will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.		1121
21	None.		1162
22	Negligible impact on fuel economy.		1181
23	Negligible impact on fuel economy.		1182
24	Negligible impact on fuel economy.		1183
25	The proposed changes have no impact on fuel economy.		1221
26	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1241
27	Ford Engineering judgment indicates that the correction action should not affect fuel economy.		1243
28	Not applicable		1282
29	None.		1301

	AE	AF	AG	AH
1	REASON_FOR_UPDATE	VERR_NUMBER_OF_RELATED_DOCS	OWNER_NOTIF_DOC_IN_DOC_MOD	REPAIR_INST_IN_DOC_MOD
2		0	N	N
3		1	N	N
4		3	Y	N
5		2	Y	Y
6		1	Y	N
7		2	Y	N
8		1	Y	N
9		1	Y	N
10		1	Y	N
11		2	Y	N
12		4	Y	Y
13		4	Y	N
14		3	Y	N
15		3	Y	N
16		2	Y	N
17		0	N	N
18		1	Y	N
19		0	N	N
20		0	N	N
21		1	Y	N
22		0	N	N
23		0	N	N
24		0	N	N
25		1	Y	N
26		2	Y	N
27		2	Y	N
28		4	Y	Y
29		2	Y	N

	AI	AJ	AK	AL
1	**SAMPLE_LABEL_IN_DOC_MOD**	**OTHER_DOCS_IN_DOC_MOD**	**DOC_META_DATA_ID**	**IMPACT_ON_DRIVABILITY**
2	N	N	59121	Describe the impact of the proposed changes on drivability
3	N	Y	64561	NONE
4	Y	N	66271	There is no impact on driveability.
5	N	N	66938	Ford engineering judgment indicates that the corrective action should not affect driveability or performance.
6	N	N	67542	The proposed changes have no impact on drivability.
7	N	N	68718	Ford engineering judgment indicates that the corrective action should not affect driveability or performance.
8	N	N	71830	The proposed changes have no impact on drivability.
9	N	N	74160	In the rare event that a misfire DTC sets the MIL, "fail-safe" operation may also be triggered limiting vehicle performance and suspending hybrid operation.
10	N	N	75443	The proposed changes have no impact on drivability.
11	N	N	78338	Not applicable
12	Y	N	79957	There is no impact on drivability.
13	N	N	80035	This repair has no adverse impact on driveability.
14	N	N	82646	Ford Engineering judgment indicates that the correction action should not affect driveability.
15	N	N	82647	Ford Engineering judgment indicates that the correction action should not affect drivability.
16	N	N	82659	None.
17	N	N	83192	No impact on drivability.
18	N	N	83309	The proposed changes have no impact on driveability.
19	N	N	83398	Drivability will be improved in low fuel situations.
20	N	N	83969	Drivability will be slightly improved in some driving conditions by eliminating the 4th cylinder knock detection that could possibly lead to timing retard.
21	N	N	84950	None.
22	N	N	85122	Negligible impact on drivability.
23	N	N	85120	Negligible impact on drivability.
24	N	N	85121	Negligible impact on drivability.
25	N	N	86023	The proposed changes have no impact on drivability.
26	N	N	86945	Ford Engineering judgment indicates that the correction action should not affect drivability.
27	N	N	86948	Ford Engineering judgment indicates that the correction action should not affect drivability.
28	N	Y	87988	Not applicable
29	N	N	88113	None.

	AM	AN	AO	AP	AQ
1	**IMPACT_ON_SAFETY**	**TECH_SERV_BULL_IN_DOC_MOD**	**VERR_PROCESS_LOG_ID**	**VERSION**	**RELATED_DR_NUMBERS**
2	Describe the impact of the proposed changes on safety	Y	457	2	0001
3	ELIMINATES ANY FUEL LEAKAGE	N	479	0	0003
4	There is no impact on safety.	Y	498	0	0001
5	Ford engineering judgment indicates that the corrective action should not affect safety.	N	540	0	0002
6	The proposed changes have no impact safety.	N	557	1	1102
7	This is a safety recall.	N	577	0	0005
8	The proposed changes have no impact safety.	N	637	1	1106
9	None	N	677	0	0007
10	The proposed changes have no impact safety.	N	678	1	1105
11	NHTSA Safety Recall	N	698	0	0004
12	There is no impact on safety.	N	718	0	0004
13	This repair has no adverse impact on safety.	Y	721	0	0001,0002,0003
14	Ford Engineering judgment indicates that the correction action should not affect safety.	N	760	0	0009
15	Ford Engineering judgment indicates that the correction action should not affect safety.	N	761	0	0008
16	None.	N	762	0	1107
17	Safety will be improved with the improved torque tightening process.	N	763	0	0010
18	The proposed changes have no impact safety.	N	765	0	1201
19	Safety will be improved by eliminating the possibility of fuel starvation.	N	766	0	0009
20	No impact on safety.	N	767	0	0005
21	None.	N	808	0	1108
22	No impact on safety.	N	827	0	0016
23	No impact on safety.	N	828	0	0015
24	No impact on safety.	N	829	0	0015
25	The proposed changes have no impact safety.	N	867	1	1107
26	Ford Engineering judgment indicates that the correction action should not affect safety.	N	887	0	0012
27	Ford Engineering judgment indicates that the correction action should not affect safety.	N	889	0	0011,0012
28	Not applicable	N	928	0	9999
29	The repairs are required to correct a potential safety defect in the event of a vehicle rollover.	N	947	0	1204

	AR	AS	AT
1	DEALER_NOTIF_DOC_IN_DOC_MOD	OWNER_NOTIF_FINAL_DATE	VERR_NOTIFICATION_STATUS
2	N	3/29/2011	1
3	N	5/24/2011	1
4	N	4/19/2011	1
5	Y		1
6	Y		1
7	Y		1
8	Y		1
9	N	2/7/2012	1
10	Y		1
11	Y	11/11/2011	1
12	Y	1/17/2012	1
13	N		1
14	Y		1
15	Y		1
16	Y	2/17/2012	1
17	N	3/20/2012	1
18	Y	3/2/2012	1
19	N	4/3/2012	1
20	N	4/8/2013	1
21	Y	3/19/2012	1
22	N	5/21/2012	1
23	N	5/16/2011	1
24	N	5/16/2011	1
25	Y		1
26	Y		1
27	Y		1
28	Y	4/25/2012	1
29	Y	5/25/2012	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
30	3008	5/29/2012	CRX	K04	Light-Duty Vehicles and Trucks	65184	Y					Mr. Keith Fillmore	krf2@chrysler.com	2485765466	dwr1@chrysler.com
31	3308	8/10/2012	NSX	FOI_NSX_VER_0009_BD_	Light-Duty Vehicles and Trucks	884	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415	
32	3350	8/15/2012	NSX	FOI_NSX_VER_0010_BD_	Light-Duty Vehicles and Trucks	7842	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415	
33	3448	8/28/2012	FMX	12B41	Light-Duty Vehicles and Trucks	9326	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404	
34	3468	8/30/2012	GMX	1207	Light-Duty Vehicles and Trucks	122	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
35	3549	9/17/2012	CRX	M32	Light-Duty Vehicles and Trucks	2428	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
36	3571	5/16/2012	ADX	AD-2012-05-16-1	Light-Duty Vehicles and Trucks	9802	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	
37	3572	9/21/2012	ADX	AD-2012-09-21-1	Light-Duty Vehicles and Trucks	1314	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	n/a
38	3575	9/26/2012	NSX	FOI_NSX_VER_0011_BD_	Light-Duty Vehicles and Trucks	16490	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415	
39	3590	9/27/2012	BMX	12E-A02	Light-Duty Vehicles and Trucks	288	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	stephen.sinkez@bmwna.com

	P	Q	R	S
30	Electrical, Mechanical and Cooling Systems	6/4/2010	2010	1004
31	On-Board Diagnostic (OBD) System	9/17/2012	2012	9
32	Fuel Delivery Component	9/4/2012	2012	10
33	Electrical, Mechanical and Cooling Systems	8/14/2012	2012	1241
34	Computer Related (Other than OBD)	8/30/2012	2012	1207
35	Computer Related (Other than OBD)	9/14/2012	2012	1232
36	Emission Control Information Label	5/15/2012	2012	1
37	Monitoring/Measuring Sensor/System	9/11/2012	2012	3
38	Computer Related (Other than OBD)	10/29/2012	2012	11
39	Emission Control Information Label	9/7/2012	2012	21

	T
30	On some 2009 and early 2010MY Dodge Grand Caravan and Chrysler Town & Country minivans, the air conditioning (A/C) discharge hose may crack and leak refrigerant. The original hose design was too short to adequately compensate for engine roll, and this is exacerbated by cold ambient temperatures (especially below fr
31	On some 2012MY Infiniti M35 Hybrid vehicles, the vehicle's Lithium-Ion Battery Controller (LBC) may incorrectly diagnosis that a battery is deteriorated when in fact it is not. The calculation algorithm of the deterioration diagnosis is not robust and can incorrectly diagnosis with cold ambients as the battery warms.
32	On 2013MY Infiniti JX's manufactured through June 22, 2012 the fuel transfer tube may be mis-routed inside of the gas tank due a supplier process issue.
33	Some 2012 Focus vehicles may have inoperative Active Grill Shutters (AGS) due to a loose fitting electrical connection. The AGS system may become inoperative if the electrical connection is lost during vehicle operation.
34	Certain vehicles were serviced with an incorrect engine calibration between Sept. 2010 and June 2012. This incorrect service calibration had PID data location errors such that ten PID fields will not communicate with I/M OBD test equipment. There are no other effects on the vehicles.
35	Vehicles equipped with a 1.4L turbocharged engine have a measured horsepower that is below the advertised rating, which could result in customer dissatisfaction. Root cause has been determined to be that the powertrain control module (PCM) software was released with a modified spark advance table that affected horsepower at engine speeds above 4,700 rpm.
36	Emissions Control Information label has incorrect test group configuration. Test Group 1: - Correct Test Group: 9ADXV03.23LC - Text Group on label installed in production: 9ADXT03.23LC Test Group 2: - Correct Test Group: 9ADXV03.1374 - Text Group on label installed in production: 9ADXT03.1374
37	ECM programming for the pre-catalyst O2 sensors may cause an O2 sensor to become damaged over time, resulting in a MIL-on condition. If the MIL is on because of this issue, the vehicle may not pass an IM (emissions) inspection. Part numbers involved: 4F1 910 552 G ??? 0040 (production SW part number ??? level) 4E0 910 552 D ??? 0030 (production SW part number ??? level) 4F1 910 562 A ??? 0010 (upgrade SW part number ??? level) 4E0 910 552 K ??? 0040 (upgrade SW part number ??? level)
38	On some 2013MY Infiniti JX vehicles a P2097 and/or P2099 diagnostic trouble code (DTC) is appearing in the field for post-catalyst fuel trim. The DTC is due to an A/F sensor over-current condition. Under certain conditions, the A/F sensor heater circuit stays charged to 12V while Engine Off Natural Vacuum (EONV) evaporative emis
39	EDIR-0D-N55-002: Due to a logistic failure the MY2013 Vehicle Emission Control Information (VECI) Label was not applied to 288 vehicles (models X5 xDrive 35i and X6 xDrive 35i) produced between 03rd March and 30th March 2012.

	U
30	Chrysler conducted a Customer Satisfaction Notification (K04) to replace the discharge hose in cold weather states.
31	Reprogram Lithium-Ion Battery Controller (LBC)
32	The fuel transfer tube will be inspected for proper routing and, if necessary, the fuel transfer tube will be rerouted using the correct service procedure.
33	Dealers are instructed to replace the AGS wire harness on all affected vehicles at no charge to the customer.
34	A voluntary emissions recall is being conducted on affected vehicles to reprogram the Engine Control Module with the correct system calibration, correcting the PID values.
35	Chrysler will perform a customer satisfaction notification (M32) to update the PCM software with the correct spark advance table.
36	Replace all involved labels via Service Action with customer notification.
37	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected vehicles.
38	Reprogram Engine Control Module (ECM) and replace any damaged A/F sensors.
39	BMW will conduct a voluntary emissions recall to apply the missing MY2013 VECI Label on the 288 affected vehicles.

	V
30	Chrysler provides the US VIN list for the specific recall to R.L. Polk for the latest customer name and address information. R.L. Polk searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). R.L. Polk sends this information to Chrysler to be used for recall ma
31	RL Polk
32	RL Polk
33	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
34	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
35	Chrysler provides the US VIN list for the specific recall to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). Experian sends this information to Chrysler to be used for recall n
36	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
37	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
38	RL Polk
39	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.

	W
30	None.
31	None required
32	None required
33	Eligibility for the program is not conditioned upon proper maintenance or use.
34	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
35	None.
36	There are no maintenance or eligibility requirements.
37	There are no maintenance or eligibility requirements.
38	None required
39	Not applicable

	X
30	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
31	Schedule an appointment after owner notification.
32	Schedule an appointment after receiving the owner letter.
33	See Owner Notification Letter.
34	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
35	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
36	Affected authorized Audi dealers have received notification and detailed repair instructions on or about May 15, 2012. Enclosed are examples of Dealer's Circular.
37	All authorized Audi dealers will be notified of this campaign, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue on or about September 11, 2012.
38	Schedule an appointment after owner notification.
39	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Y
30	None.
31	Only Infiniti dealers
32	Only Infiniti dealers
33	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
34	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
35	None.
36	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
37	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
38	Only Infiniti dealers
39	Not applicable

	Z
30	A minimum of 35% of the parts necessary to repair all of the vehicles are in Mopar inventories before the campaign is launched. Additional parts are ordered by Mopar to meet demand.
31	No parts required
32	Fuel sender o-rings will be available at the time of campaign launch.
33	Parts for this repair are available to dealers through the normal service part distribution system.
34	There are no parts involved in this campaign. ECM calibrations have been made available electronically through General Motors Customer Care and Aftersales.
35	Chrysler will supply all dealers with a calibration reflash with the latest update.
36	Affected authorized Audi dealers will be supplied with a sufficient quantity of labels to be installed in the involved vehicles, through the normal Volkswagen Group of America parts system.
37	This action is a software update only, therefore there are no parts allocation.
38	A/F sensor part usage will be monitored.
39	New VECI labels are provided to all authorized BMW centers via our service network.

	AA
30	This recall report is being filed per new GHG regulations for A/C components even though the campaign was launched in June, 2010. This recall will not be included on the quarterly completion reports since the time period for reporting is past. K04 completion as of the end of the first quarter of 2012 was 92.7%.
31	
32	Volumes are for production through June 22, 2012. This will be launched as a voluntary safety recall campaign.
33	
34	
35	
36	Forwarding Letter - CBI
37	Forwarding Letter - CBI
38	
39	If you have any further questions, please contact Mr. Stephen Sinkez of BMW North America at 201-571-5069.

	AB	AC	AD
30	None.		1322
31	There will be no significant impact on fuel economy.		1382
32	Negligible impact on fuel economy.		1422
33	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		1442
34	The proposed changes have no impact on fuel economy.		1462
35	None.		1482
36	Not applicable		1502
37	Not applicable		1503
38	There will be no significant impact on fuel economy.		1504
39	This repair has no adverse impact on fuel economy.		1523

	AE	AF	AG	AH
30		2	Y	N
31		1	Y	N
32		0	N	N
33		2	Y	N
34		1	Y	N
35		2	Y	N
36	When originally submitted, the VERR file name was FOI_ADX_VER_0002_BD_R00. The "EPA VERR Number*, appearing above in this form template was 0001 instead of the intended value 0002 (as the original intent was to have the file name and EPA VERR number match). To clarify and document this error, the form is being resubm	4	Y	Y
37		5	Y	Y
38		1	Y	N
39		2	Y	N

	AI	AJ	AK	AL
30	N	N	88196	Loss of refrigerant can adversely affect the performance of the air conditioning system.
31	N	N	92198	Drivability may be impacted with a temporary decline in performance.
32	N	N	92391	Drivability will be improved in low fuel situations.
33	N	N	93200	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
34	N	N	93301	The proposed changes have no impact on driveability.
35	N	N	94315	Slight loss of power above 4700 RPM.
36	N	Y	94810	Not applicable
37	N	Y	94825	Not applicable
38	N	N	95147	Drivability may, in rare circumstances, be impacted with a temporary decline in performance.
39	N	N	95337	This repair has no adverse impact on driveability.

	AM	AN	AO	AP	AQ
30	None.	N	948	0	1210
31	None	N	1008	0	0023
32	Safety will be improved by eliminating the possibility of fuel starvation.	N	1028	0	0024
33	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1048	0	1205
34	The proposed changes have no impact safety.	N	1068	0	1207
35	None.	N	1088	0	1213
36	Not applicable	N	1108	1	0014
37	Not applicable	N	1109	0	9998
38	None	N	1110	0	0020
39	This repair has no adverse impact on safety.	Y	1129	1	0021

	AR	AS	AT
30	Y	8/20/2010	1
31	N	9/18/2012	1
32	N	9/5/2012	1
33	Y		1
34	Y	8/31/2012	1
35	Y	9/15/2012	1
36	Y	5/16/2012	1
37	Y	9/12/2012	1
38	N	10/30/2012	1
39	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
40	3603	10/11/2012	CRX	M33	Light-Duty Vehicles and Trucks	46387	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	krf2@chrysler.com
41	3623	10/19/2012	CRX	M30	Light-Duty Vehicles and Trucks	72052	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
42	3680	10/30/2012	NSX	FOI_NSX_VER_0012_BD_	Light-Duty Vehicles and Trucks	1449	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415	
43	3703	11/9/2012	BMX	12E-A01	Light-Duty Vehicles and Trucks	4100	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	stephen.sinkez@bmwna.com
44	3779	11/20/2012	FJX	1205	Light-Duty Vehicles and Trucks	168810	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514	
45	3827	11/19/2012	ADX	AD-2012-11-19-1	Light-Duty Vehicles and Trucks	1990	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	n/a
46	3919	12/17/2012	GMX	1213	Light-Duty Vehicles and Trucks	57428	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
47	4220	1/31/2013	FJX	1201	Light-Duty Vehicles and Trucks	102077	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514	
48	4340	2/11/2013	NSX	FOI_NSX_VER_0013_BD_	Light-Duty Vehicles and Trucks	9	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415	
49	4360	2/13/2013	BMX	12E-W01	Light-Duty Vehicles and Trucks	15961	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	stephen.sinkez@bmwna.com
50	4420	2/18/2013	CRX	M38	Light-Duty Vehicles and Trucks	436947	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
51	4560	2/27/2013	FMX	12E06	Light-Duty Vehicles and Trucks	29924	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404	
52	4640	2/28/2013	VWX	VW-0003	Light-Duty Vehicles and Trucks	201308	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	n/a
53	4700	3/4/2013	CRX	N09	Light-Duty Vehicles and Trucks	549	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	krf2@chrysler.com

	P	Q	R	S
40	On-Board Diagnostic (OBD) System	10/5/2012	2012	1233
41	On-Board Diagnostic (OBD) System	10/19/2012	2012	1230
42	On-Board Diagnostic (OBD) System	12/3/2012	2012	12
43	On-Board Diagnostic (OBD) System	10/19/2012	2012	17
44	On-Board Diagnostic (OBD) System	10/31/2012	2012	1205
45	Monitoring/Measuring Sensor/System	7/31/2012	2012	4
46	Electrical, Mechanical and Cooling Systems	1/3/2013	2013	1213
47	Exhaust System	1/14/2013	2013	1201
48	Emission Control Information Label	3/11/2013	2013	13
49	Evaporative Emissions Systems	12/28/2012	2012	14
50	Computer Related (Other than OBD)	2/8/2013	2013	1238
51	On-Board Diagnostic (OBD) System	2/20/2013	2013	1206
52	Exhaust Gas Recirculation (EGR) System	3/1/2013	2013	3
53	Computer Related (Other than OBD)	3/1/2013	2013	1309

	T
40	The Powertrain Control Module (PCM) may have been inadvertently programmed with software that could initiate an intrusive purge monitor check while at a low idle. This can result in an overly rich vapor condition and cause the engine to stall while the vehicle is stopped.
41	On vehicles equipped with a ZF 8 speed automatic transmission, the internal temperature too high diagnostic may permanently set a P0634 fault and permanently illuminate the MIL. The TCM internal temperature too high diagnostic is intended to shut down the TCM to prevent damage when transmission oil temperature exceeds 145C, resulting in 6th gear limp-in. A software error results in the MIL remaining on indefinitely after the fault code (P0634) is stored regardless of whether the fault code and MIL clearing conditions are met on subsequent trips. The failure condition and limp-in are recoverable, but the MIL is not and will remain illuminated forever (the fault cannot be cleared with a scan tool, but requires reprogramming or replacement of the TCM). In addition, a change to a stiffer spring on the Park Solenoid Valve (PS-V) caused the test pressure calibration for the Position Valve (POS-V) stuck diagnostic to be insufficient as reported in VERR L40-C. This error prevents detection of a failure and illumination of the MIL, in violation of the OBD regulations. Normal transmission operation was not adversely affected by the spring change, just diagnostics. This issue affected only the first 2,180 vehicles built.
42	On 2013MY Nissan GTR vehicles, the misfire monitoring during the first 1000 revolutions is not as sensitive as is required by 13 CCR 1968.2 (e)(3). The ECM can in fact detect a malfunction with 2.08% misfire, and the resulting emissions were found to be low enough not to trigger additional action beyond an emission service camp
43	Due to a data error in the Engine Control Unit (ECU) software, the primary oxygen sensor delay diagnostics are permanently inactive (no DTC storage and no MIL illumination in case of a malfunction). As a further result the readiness status for the exhaust gas sensor system always indicates "not complete." The ECU software including the data error was implemented in all MY12 X5 xDrive 50i and X6 xDrive 50i models produced between 10/11 and the middle of 02/12.
44	ARB MSCD determined an OBDII System Thermostat Monitoring Deficiency for 2011-2012 model lines and 2013 model year Subaru BRZ (including branded 2013 model year Toyota Scion FR-S). Our thermostat (P0128) strategy uses the same malfunction criteria and monitoring conditions for both passing and failing decisions. As a
45	MIL can be activated and DTCs are stored in the ECM. Ghost misfires are detected in a certain engine speed range (bank 2 only). If the MIL is on because of this issue, the vehicle may not pass an IM (emissions) inspection. Part numbers involved: Production Software / Level: 420 910 552 K / 0020 420 910 552 Q / 0010 420 910 560 P / 0010 New Software / Level: 424 910 552 G & 420 907 552 B / 0010 424 910 552 H & 420 907 552 B / 0010 420 910 560 T & 420 907 560 C / 0010
46	On certain 2013 Malibus, built prior to November 12, 2012, the electrical wiring to the two knock sensors are reversed.
47	During February/March 2012, the California Air Resources Board performed confirmatory in-use testing on our 2008 model year PZEV certified test group 8FJXB02.5NVD and determined marginal NMHC and NOx non-compliance. Exhaust system welding spatter had dislodged and abraded the front catalyst substrate. The OE front
48	Off-line hood latch rework has resulted in nine 2013MY Sentra vehicles that may contain incorrect or missing underhood labels, including the Emission Control Information label.
49	The affected part number 16137193479 relates to the leak diagnostic pump. In about 82% of all cases a malfunction of the leak diagnostic pump (e.g. electrical defect: short to ground) was the reason for replacement. However, in about 18% the leak diagnostic pump was changed unnecessarily in the field (e.g. due to leakages detected by the leak diagnostic pump).
50	Minivans with 3.6L engines, built between the beginning of the 2011 model year and early 2013 model year, may have one of two problems, as follows: All 2011MY and 2012MY vehicles built through January 31, 2012 have a shift quality issue that causes harsh 1-3 upshifts in the Fuel Economy (ECO) mode. A change was made in production (on January 31, 2012) to improve the shift quality and shift schedule, but caused a second issue. Vehicles built from January 31, 2012 through September 25, 2012 may have an error in the transmission torque management software that causes approximately 33% of the upshifts that should use torque management to skip torque management and apply more pressure to the clutch than intended. (In other words, not all upshifts use torque management, but the error affects approximately 33% of those that do.) Vehicles with this software pass all durability testing, but at a lower margin of safety.
51	Some 2013 Mustang Vehicles with 3.7L engines may have an Electronic Throttle Control (ETC) Failure Mode Effects Management (FMEM) system strategy that, when activated, may disrupt On-Board Diagnostic (OBD) function.
52	Part description: Exhaust Flap Part numbers involved: 1K0 253 691 B / C / D The following complaints were observed: MIL on The following DTCs were observed: - P0401 (Exhaust Gas Recirc. Flow Insufficient Detected) - P047F (valve stuck in open position) - P0477 (Exhaust Pressure Control Valve Low) - P048A (valve stuck in closed position) - P048B (signal range check low) - P048C (position sensor signal in desired range during closed position learning) Analysis of sample parts shows exhaust flap sticking in open / closed position caused by corrosion on the shaft. Parts analysis reflects 1K0 253 691 B / C/ D part numbers.
53	Some 2013 MY 1.4L gasoline engine Fiat 500 models with a manual transmission and a 3.43 final drive ratio (FDR) may have a PCM inadvertently calibrated for a 3.73 FDR. The customer may be unable to set cruise control in 5th gear.

	U
40	Chrysler will perform a customer satisfaction notification (M33) updating the PCM software to initiate a purge monitor check at a higher idle speed.
41	Chrysler will perform a voluntary emissions recall (M30) to update the transmission control module software.
42	Reprogram Engine Control Module (ECM).
43	BMW will correct the problem by flashing improved ECU software including activated primary oxygen sensor delay diagnostics on all affected MY11 and MY12 vehicles.
44	Subaru voluntary Service Program WQC-39 repair will consist of ECM reprogramming of the thermostat software logic on affected 2011-2013 model year in-use vehicles.
45	Volkswagen Group of America, Inc. initiated a Customer Satisfaction campaign with Customer Notification to upgrade ECM software levels on the affected vehicles, and as applicable, installation of engine wiring harness overlay.
46	General Motors will conduct a Voluntary Emission Recall, to correct the knock sensor wiring on all affected vehicles. It is anticipated that most affected vehicles will be corrected at the dealerships, prior to sale to the ultimate purchaser.
47	CARB approved Subaru's voluntary remedial plan on December 18, 2012. The modification consists of front catalyst replacement/attachment hardware kit and ECM software reprogramming on 2008-2009 California PZEV certified models.
48	Verify underhood labels and install replacement labels, if required.
49	The corrective measure consists of extending the emissions warranty of the leak diagnostic pump on all affected vehicles to 10 years or 120,000 miles, whichever comes first, and replacing the leak diagnostic pump with an improved version if the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
50	Chrysler will perform a customer satisfaction notification (M38) to update the PCM software that corrects both issues.
51	Affected vehicles will be updated with a calibration including an ETC FMEM strategy that does not disrupt OBD function.
52	Volkswagen Group of America, Inc. will initiate a Extended Warranty Program for 10 years / 120,000 miles regarding to Exhaust Flap replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain deficiencies affecting the engine exhaust flap could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate due to the presence of specific fault codes caused by a faulty engine exhaust flap. All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
53	Chrysler will perform a Voluntary Emissions Recall (N09) updating the PCM software to assure the correct calibration is matched with the final drive ratio.

	V
40	Chrysler provides the US VIN list for the specific recall to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). Experian sends this information to Chrysler to be used for recall n
41	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
42	RL Polk
43	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
44	Subaru used R. L. Polk and our vehicle owner database records for newer model year vehicles. Owners were notified by first class mail starting on October 31, 2012. Subaru dealers received the enclosed Service Program Bulletin WQC-39 instructions electronically prior to the scheduled owner notification mailing.
45	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
46	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
47	Subaru used R.L. Polk vehicle owner database for identifying the affected 2008-2009 model year Subaru vehicles registered in California and the affected S177 states. California owners were notified by first class mail starting on January 14, 2013. Affected S177 state owner notification will be phased-in starting late first quarter 2
48	RL Polk
49	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
50	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
51	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
52	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
53	Chrysler provides the US VIN list for the specific recall to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). Experian sends this information to Chrysler to be used for recall n

	W
40	None.
41	None.
42	None required
43	Not applicable
44	None.
45	There are no maintenance or eligibility requirements.
46	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
47	None.
48	None required
49	Not applicable
50	None.
51	Eligibility for this program is not conditioned upon proper maintenance or use
52	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen and Audi dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.
53	None

	X
40	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
41	The vehicle should be returned to the dealer, who will reprogram the TCM with the latest update. Owners may obtain the repair service any time after receipt of the notification.
42	Schedule an appointment after owner notification.
43	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
44	Affected owners were requested by notification letter to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to complete this repair (reprogramming of the ECM software) is approximately thirty (30) minutes. Owners of 2011/201
45	All authorized Audi dealers have been notified of this campaign, and owners of affected vehicles were mailed a final notification letter that includes all needed information regarding this issue..
46	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
47	Affected owners were requested by notification letter to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to complete this repair (front catalyst replacement and reprogramming of the ECM software) is approximately one hour
48	Labels and instructions will be mailed to owners. They can either apply themselves or schedule an appointment after receiving the owner notification letter.
49	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
50	The vehicle should be returned to the dealer, who will reprogram the PCM with the latest update. Owners may obtain the repair service any time after receipt of the notification.
51	See Owner Notification Letter.
52	All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
53	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.

	Y
40	None.
41	None.
42	Only certified Nissan GTR dealers.
43	Not applicable
44	None.
45	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
46	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
47	None.
48	Only owners or Nissan dealers
49	Not applicable
50	None.
51	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
52	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
53	None.

	Z
40	Chrysler will supply all dealers with a calibration reflash with the latest update.
41	Chrysler will supply all dealers with a calibration reflash with the latest update.
42	None required.
43	New software is provided to all authorized BMW centers via our service network.
44	The corrective repair consists of ECM software reprogramming.
45	Affected authorized Audi dealers have been supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system. Parts allocation is not required regarding software update.
46	There are no service parts involved in this campaign.
47	The corrective repair consists of front catalyst replacement and ECM software reprogramming. Due to replacement part production limitation of 5000 converters per month, CARB accepted Subaru's plan to phase-in owner notification in groups when 100% of the required parts (front catalyst and applicable ECM reprogramming P
48	The parts have been identified and are available.
49	New leak diagnostic pumps are provided to all authorized BMW centers via our service network.
50	Chrysler will supply all dealers with a calibration reflash with the latest update.
51	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
52	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
53	Chrysler will supply all dealers with a calibration reflash with the latest update.

	AA
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41	
42	The owner notification letter is under development.
43	If you have any further questions, please contact Mr. Stephen Sinkez of BMW North America at 201-571-5069.
44	Note: Subaru???s initial Service Program Bulletin WQC-39 provided to our dealers contained (1) VIN range errors and (2) affected 2013 model year vehicles owner notification originally planned for February 2013 will now start in early December 2012. The corrected/final WQC-39 bulletin will be submitted to Verify during the wee
45	Forwarding Letter - CBI
46	
47	Subaru Service Program Bulletin WQD-40 contains dealer repair instructions and the owner notification letter.
48	
49	If you have any further questions, please contact Mr. Stephen Sinkez of BMW North America at 201-571-5069.
50	
51	
52	Forwarding Letter - CBI
53	

	AB	AC	AD
40	None.		1543
41	None.		1563
42	There will be no impact on fuel economy.		1583
43	This repair has no adverse impact on fuel economy.		1603
44	None.		1623
45	Not applicable		1643
46	The proposed changes have no impact on fuel economy.		1683
47	None.		1703
48	None		1723
49	This repair has no adverse impact on fuel economy.		1743
50	None.		1763
51	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		1783
52	Not applicable		1803
53	None.		1823

	AE	AF	AG	AH
40		2	Y	N
41		2	Y	N
42		0	N	N
43		2	Y	N
44		1	Y	N
45		4	Y	Y
46		1	Y	N
47		2	Y	N
48		1	Y	N
49		2	Y	N
50		2	Y	N
51		2	Y	N
52		5	Y	N
53		2	Y	N

	AI	AJ	AK	AL
40	N	N	96232	None
41	N	N	97095	None.
42	N	N	97884	There will be no impact on drivability.
43	N	N	98837	This repair has no adverse impact on driveability.
44	N	N	99629	None.
45	N	Y	100329	Not applicable
46	N	N	102895	The proposed changes have no impact on driveability.
47	N	N	106605	None.
48	N	N	107317	None
49	N	N	107533	This repair has no adverse impact on driveability.
50	N	N	107963	Customers may notice an improvement in transmission shift quality.
51	N	N	108640	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
52	N	Y	108861	Not applicable
53	N	N	108963	This change will assure that the customer will have the ability to set cruise control in 5th gear.

	AM	AN	AO	AP	AQ
40	None.	N	1149	0	1214
41	None.	N	1169	0	1205,1109
42	There will be no impact on safety.	N	1189	0	0027
43	This repair has no adverse impact on safety.	Y	1209	0	0017
44	None.	N	1229	0	1205
45	Not applicable	N	1249	0	0026
46	The proposed changes have no impact safety.	N	1289	1	1213
47	None.	N	1309	0	1201
48	None	N	1329	0	0030
49	This repair has no adverse impact on safety.	Y	1349	0	0014
50	None.	N	1369	0	1301
51	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1389	0	1207
52	Not applicable	N	1409	0	0010
53	None.	N	1429	0	1302

	AR	AS	AT
40	Y	10/8/2012	1
41	Y	10/20/2012	1
42	N	12/4/2012	1
43	N		1
44	Y	12/17/2012	1
45	Y	11/20/2012	1
46	Y		1
47	Y	8/13/2014	1
48	N	3/12/2013	1
49	N		1
50	Y	2/15/2013	1
51	Y		1
52	Y	3/2/2013	1
53	Y	3/4/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
54	4721	3/5/2013	NSX	FOI_NSX_VER_0014_BD_	Light-Duty Vehicles and Trucks	393	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415	
55	4840	3/11/2013	VWX	VW-0004	Light-Duty Vehicles and Trucks	243990	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943	n/a
56	5160	4/4/2013	HNX	ESRN-13-006 (S86)	Light-Duty Vehicles and Trucks	76253	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418	
57	5261	4/12/2013	CRX	N02	Light-Duty Vehicles and Trucks	1789	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
58	5440	4/18/2013	GMX	1215	Light-Duty Vehicles and Trucks	39738	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
59	5480	4/19/2013	HNX	PUDR-13-001 (S92)	Light-Duty Vehicles and Trucks	3471	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418	
60	6000	5/29/2013	HNX	PUDR-13-009 (S94)	Light-Duty Vehicles and Trucks	75	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418	
61	6040	5/30/2013	LTX	2012/02R	Light-Duty Vehicles and Trucks	5476	Y					Mr Ian G Cawdron	icawdron@lotuscars.com	011 44 1953 608297	
62	6240	6/6/2013	ADX	AD-0005	Light-Duty Vehicles and Trucks	26325	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	n/a
63	6640	7/23/2013	CRX	N32	Light-Duty Vehicles and Trucks	12907	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	krf2@chrysler.com
64	6741	7/31/2013	ADX	AD-0006	Light-Duty Vehicles and Trucks	165712	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	N/A
65	6780	8/5/2013	CRX	N17	Light-Duty Vehicles and Trucks	20538	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
66	6960	8/22/2013	FMX	13S04	Light-Duty Vehicles and Trucks	391906	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404	
67	7200	9/11/2013	FMX	13N01	Light-Duty Vehicles and Trucks	203952	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404	
68	7502	10/4/2013	GMX	1226	Light-Duty Vehicles and Trucks	935	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
69	7740	10/30/2013	FMX	13E03	Light-Duty Vehicles and Trucks	37429	Y					Ms Marie Wilson	mwilso18@ford.com	313-248-2404	
70	7880	11/11/2013	CRX	N54	Light-Duty Vehicles and Trucks	775	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
71	8220	12/3/2013	CRX	N11	Light-Duty Vehicles and Trucks	670	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
72	8321	12/10/2013	HNX	PUDR-13-021 (JC6)	Light-Duty Vehicles and Trucks	491	Y					Mr Brian Tinkler	brian_tinkler@ahm.honda.com	310-783-3418	
73	8580	1/8/2014	GMX	1230	Light-Duty Vehicles and Trucks	18587	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
74	8842	2/10/2014	TKX	1002	Light-Duty Vehicles and Trucks	84836	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859	
75	9020	2/20/2014	ADX	AD-0008	Light-Duty Vehicles and Trucks	4279	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	n/a

	P	Q	R	S
54	Fuel Delivery Component	3/18/2013	2013	14
55	Monitoring/Measuring Sensor/System	3/15/2013	2013	4
56	Computer Related (Other than OBD)	4/1/2013	2013	2
57	Fuel Tank Component	4/5/2013	2013	1302
58	Emission Control Information Label	5/3/2013	2013	1215
59	Fuel Delivery Component	5/2/2013	2013	3
60	Hybrid Vehicle Component/System	5/21/2013	2013	4
61	Computer Related (Other than OBD)	1/9/2013	2013	1301
62	Monitoring/Measuring Sensor/System	7/1/2013	2013	5
63	Computer Related (Other than OBD)	7/19/2013	2013	1332
64	Secondary Air System	8/13/2013	2013	6
65	Air Inlet/Intake System	7/19/2013	2013	1317
66	Fuel Delivery Component	7/19/2013	2013	1304
67	Fuel Delivery Component	8/21/2013	2013	1301
68	Oxygen Sensor	10/16/2013	2013	1226
69	On-Board Diagnostic (OBD) System	10/10/2013	2013	1303
70	Computer Related (Other than OBD)	11/1/2013	2013	1354
71	On-Board Diagnostic (OBD) System	11/11/2013	2013	1311
72	Computer Related (Other than OBD)	11/29/2013	2013	6
73	Fuel Delivery Component	1/15/2014	2014	1230
74	Computer Related (Other than OBD)	2/14/2014	2014	1002
75	Monitoring/Measuring Sensor/System	3/17/2014	2014	8

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54	On some 2013MY Nissan Sentra vehicles manufactured between September 11, 2012 and October 9, 2012 a manufacturing production process variation at the fuel tank supplier has led to some fuel tank assemblies being manufactured out of specification which may exhibit small fuel leaks at the fuel tank seam. During the mold
55	Part description: Secondary Air Pressure Sensor Part numbers involved: 07C 906 051 The following complaints were observed: MIL on The following DTCs were observed: - P2431 (Sec. Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance) - P2432 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low) - P2433 (Secondary Air Injection System Air Flow/Pressure Sensor Circuit High) Analysis of sample parts shows sensors with electrical malfunctions. Parts analysis reflects 07C 906 051 part number.
56	In areas where road salts are used, moisture and chemicals may penetrate into the PCM causing a corrosion of the circuit board around CPU. This may prevent the vehicle from starting or cause the vehicle to stall.
57	Some vehicles may experience fuel leakage during a vehicle roll-over, fuel spilling out of the evaporative canister during refueling, or engine stall at idle due to broken control valve installed in the fuel tank. Evidence was found in the fuel tank supplier's assembly plant of 16 broken control valves out of a population of 1,934 suspe
58	Certain 2013 Chevrolet Sonics equipped with 1.4 or 1.8L engines were built with Vehicle Emission Control Information Labels that incorrectly indicate the vehicles conform to "2013 FFV" regulations. They should indicate the vehicles conform to "2013" regulations. The labels also incorrectly identify the fuel usage to be "gasoline,
59	The Parflange on the vehicles fuel fill pipe was manufactured out of spec resulting in uneven seating of the NGV1 refueling receptacle onto the vehicles fuel fill pipe. This can lead to an early failure of the fuel fill pipe to NGV1 receptacle connection which could lead to CNG leakage during refueling of the vehicle.
60	When PCU Coolant Water Temperature Sensor fails, the battery limit mode unnecessarily forces engine to run during what would have been EV mode.
61	The electronically stored VIN (Vehicle Identification Number) may be erased during re-programming of the vehicles ECM (Engine Control Module). This can occur on any USA market 2005 to 2007 model year (inclusive) Lotus Elise or Exige vehicle. The absence of the electronically stored VIN could, at a later date, affect Inspection and Maintenance (I&M) testing if current I&M procedures alter and affected vehicles are mandatorily required to correctly report VIN identification from the ECM.
62	Part numbers involved: Improved Exhaust Differential Pressure Sensor: 059 906 051 AImproved Software Part Numbers: MY 2009 - MY 20124L0 910 401 Q0100 & 7L0 907 401 K 0100 4L0 910 401 G 0100 & 7L0 907 401 T 0090 4L2 910 401 0004 & 7P0 907 401 J 0004 4L2.910.401 0005 & 7P0 907 401 J 0005 ECM
63	Some 2013 Dodge Dart vehicles equipped with a 1.4L MultiAir turbo engine and dual dry clutch transmission may experience an engine stall when the ambient temperature is approximately 20 degrees F or colder.
64	Audi has determined that, under certain driving conditions, carbon buildup can occur in the engine cylinder head secondary air ports. Due to the presence of specific fault codes caused by this carbon buildup, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate.- DTC P0491 Secondary Air System, Insuffic
65	4WD Jeep Compass and Patriot vehicles use a saddle style fuel tank that includes a transfer tube to move fuel from the secondary side to the primary side where it is then delivered to the engine. After a material change to the transfer tube (from Nylon 12 to Nylon 6-12) the forming temperature was not increased to compensate
66	Some 2013 Ford Explorer, Taurus, Flex, Fusion and Lincoln MKS, MKZ and MKT vehicles may have Fuel Delivery Modules (FDM) that can develop cracks near the FDM outlet port. This condition may be caused by an incompatibility of the outlet port design, material and gasoline. The propensity of this material to crack when in cont
67	Some 2008-2010 model year Ford Explorer and Mercury Mountaineer trucks with 'Easy Fuel', capless fuel systems may exhibit illumination of the Malfunction Indicator Lamp (MIL) or fuel odor due to damaged fuel filler tubes. The door in these tube assemblies may become damaged when customers fail to fully insert the fuel nozz
68	An incorrect heated oxygen sensor was mistakenly released for use in 935 vehicles.
69	Some 2013 Ford F150 trucks with 3.5L engines and R23 level calibrations may have Powertrain Control Module (PCM) software that does not allow the Catalyst Monitor Sensor (CMS) On-Board Diagnostic (OBD) test to complete. A portion of the software pertaining to the CMS diagnostic was inadvertently omitted from the final rel
70	Some RAM 1500 trucks were built at the end of 2013MY with development Powertrain Control Module (PCM) software. The PCM part numbers were released for pilot vehicle builds, cancelled, and then reused for a running change at the end of the model year. Although new calibrations were sent to the assembly plant, the flash station files were inadvertently not updated, so the development software was retained. As such, trucks were built with the correct PCM part number, but incorrect software was flashed into them.
71	Target Linear Coefficients (TLC) are required to enable the Misfire Monitor. TLC are used to determine the true position of the camshaft and crankshaft and compensate for tolerance variations of the timing sensors and targets. On the 1.4L turbo, the TLC must be learned during in-plant operation. An error in the in-plant mode so
72	The E-VTC software in the engine control unit allows the camshaft gear to impact the stopper at excessively high speeds, leading to deformation of the sprocket gear and potentially reduced engine output. The MIL illuminates for "Variable Valve Timing Control (VTC) System Malfunction".
73	Up to 543 2014 Chevrolet Silverado and GMC Sierra trucks, built at the General Motors Silao assembly plant, from May 6, 2013 through June 14, 2013, may have been built with an incorrect fuel pump assembly. The suspect fuel pumps were built by the supplier with an incorrect fuel pressure regulator. Although the incorrect fuel
74	On certain 2007-2012MY CX-7 2.3L, when the vehicle is operated with excessive throttle perturbations, the completion of the evaporation learning step may be delayed. Since the control system does not enable the high purge mode until the evaporation learning step is completed, this delay may result in less purging of the evap
75	Component: Engine Control Module SoftwareRough engine running during catalyst heating period and or harsh engine speed limitation at about 7,200 rpm.MIL can be activated and DTCs are stored in the ECM for two different events:Random cylinder misfires (DTCs P0300 and/or P0301-P0308)Warm-up catalyst phase (DTCs P0421

	U
54	The fuel tank will be inspected and, if necessary, the fuel tank will be replaced.
55	Volkswagen Group of America, Inc. will initiate an Extended Warranty program for 10 years / 120,000 miles regarding to Secondary Air pressure sensor replacements on the affected vehicles. Volkswagen has determined that under specific conditions, certain electrical malfunction affecting the secondary air pressure sensor of some 2.5L equipped vehicles could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster will illuminate due to the presence of specific fault codes caused by a faulty secondary air pressure sensor.
56	The plastic cover will be installed on the PCM and, if necessary, replace the PCM.
57	Chrysler will perform a safety recall (N02) to inspect the fuel tank and replace the fuel tank and evaporative canister if the control valve is broken.
58	Corrected labels will be produced, which indicate the vehicles conform to "2013" regulations and that the fuel usage is "gasoline". Since a new label can be easily installed, and to reduce customer inconvenience, corrected labels will be sent with installation instructions directly to customers of record. However, if the customer
59	The fuel fill pipe will be replaced by a Honda dealership.
60	The MCM will be updated with a correct programming by a Honda dealership.
61	Owner???s have been advised to contact their Lotus Dealer to arrange to have the necessary reprogramming of their vehicles ECM carried out. This will ensure that the vehicles VIN will be permanently stored within the ECM.
62	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels and to replace Exhaust Differential pressure sensor on the affected vehicles.
63	Chrysler will conduct a Voluntary Safety Recall (N32) to reprogram the powertrain control module on all affected vehicles.
64	Audi of America will initiate an Extended Warranty program to cover cleaning of the engine cylinder head secondary air ports to remove carbon buildup under specific conditions up to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date.
65	Chrysler will perform a safety recall (N17) to replace the transfer tube on affected vehicles.
66	Affected vehicles will be updated with an improved Fuel Delivery Module.
67	Affected vehicles will receive warranty coverage for single repair when a damaged flapper door results in illumination of the MIL. Coverage is extended to 15 years or 150,000 miles. Additionally vehicles that have already accumulated more than 150,000 miles, may receive coverage for this repair until February 28 , 2014.
68	The incorrect oxygen sensor will be replaced with the correct oxygen sensor.
69	Affected vehicles will be updated with an updated calibration that completes the full CMS diagnostic.
70	Chrysler will perform a voluntary emissions recall (N54) to reprogram the PCM with the correct software on affected vehicles.
71	Chrysler will perform a voluntary emissions recall (N11) to reprogram the Powertrain Control Module (PCM) with the correct software and perform the in-field TLC learn procedure on affected vehicles.
72	The PCM will be updated with a correct programming, and if necessary, replace the E-VTC actuator by a Honda dealership.
73	General Motors will conduct a Voluntary Emission Recall to inspect all suspect trucks in dealer inventory prior to sale and replace any fuel pump module assemblies that have an incorrect fuel pressure regulator. Additionally, any suspect trucks that have been previously sold will be monitored through the General Motors On Sta
74	The PCM will be reprogrammed with the modified software .
75	Volkswagen Group of America, Inc. will proactively initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected vehicles.

	V
54	RL Polk
55	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
56	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
57	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
58	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
59	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
60	American Honda will use its new vehicle purchase records.
61	Lotus has an ongoing safety recall campaign (NHTSA ref: 11V-510) affecting similar vehicles. The same owners list was used for this campaign. It is currently planned to run these in parallel to improve the ???hit-rate??? and minimise customer inconvenience.
62	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
63	Chrysler provides the US VIN list for the specific recall to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from specific state databases (Department of Motor Vehicles). Experian sends this information to Chrysler to be used for recall n
64	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
65	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler which is then used to m
66	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
67	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
68	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
69	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
70	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (i.e. Department of Motor Vehicles). Experian sends this updated information to Chrysler which is then used to mail letters to vehicle owners.
71	Chrysler provides the US VIN list for a specific service action to Experian for the latestcustomer name and address information. Experian searches its internal database, whichis updated with information from state databases (i.e. Department of Motor Vehicles).Experian sends this information to Chrysler, which is then used to ma
72	American Honda will use its new vehicle purchase records.
73	The suspect unsold dealer inventory vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. For the specific General Motors Vehicle Identification Numbers that are determined to have incorrect fue
74	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
75	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.

	W
54	None required
55	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen dealers to determine if the customer???s vehicle meets the parameters of the subject warranty extension program.
56	No pre-conditions exist. Repair will be made free-of-charge.
57	None.
58	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
59	No pre-conditions exist. Repair will be made free-of-charge.
60	No pre-conditions exist. Repair will be made free-of-charge.
61	All Test Groups listed are affected
62	There are no maintenance or eligibility requirements.
63	None
64	Audi of America warranty records will be reviewed by the servicing Audi dealer to determine if the customer's vehicle meets the parameters of the subject warranty extension program described.
65	None.
66	Eligibility for this program is not conditioned upon proper maintenance or use
67	Eligibility for this program is not conditioned on proper maintenance or use.
68	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
69	Eligibility for this program is not conditioned upon proper maintenance or use.
70	None.
71	None.
72	No pre-conditions exist. Repair will be made free-of-charge.
73	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
74	There will be no restrictions on eligibility.
75	There are no maintenance or eligibility requirements.

	X
54	Schedule an appointment after receiving the owner letter.
55	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
56	Call any authorized Acura dealer and make an appointment to have your vehicle repaired.
57	The vehicle should be returned to the dealer, who will inspect the fuel tank control valve and replace the fuel tank if required. Owners may obtain the repair service any time after receipt of the notification.
58	An owner notification letter with a correct label will be sent to all customers of record. The letter will provide easy instructions to the owner on how to affix the label. The owner will be given the option of having a dealer affix the label at no charge. Since the new label can be easily installed, and doing so will reduce customer inc
59	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
60	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
61	Owners have been advised to contact their dealer to effect repair.
62	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this Emissions Service Action on or about July 1, 2013. Affected Volkswagen & Audi owners will be mailed a notification of campaign on or about July 1, 2013.
63	The vehicle should be returned to the dealer, who will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
64	All authorized Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
65	The vehicle should be returned to the dealer, who will replace the fuel tank transfer tube. Owners may obtain the repair service any time after receipt of the notification.
66	See Owner Notification Letter.
67	See Owner Notification Letter.
68	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
69	See Owner Notification Letter.
70	The vehicle should be returned to the dealer, which will perform the repairs. Owners may obtain the repair service any time after receipt of the notification.
71	The vehicle should be returned to the dealer, who will perform the repairs. Owners mayobtain the repair service any time after receipt of the notification.
72	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
73	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
74	As all Mazda dealers will be provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in February 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
75	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action on or about March 17, 2014. Affected Audi owners will be mailed a notification of campaign on or about March 17, 2014.

	Y
54	Only Nissan dealers
55	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
56	Work can only be performed by an authorized Acura dealership.
57	None.
58	Only GM dealers and in-shop fleet warranty accounts are authorized to install a correct label, if the customer chooses not to install the label.
59	Work can only be performed by an authorized Honda dealership.
60	Work can only be performed by an authorized Honda dealership.
61	None
62	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
63	None.
64	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers
65	None.
66	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
67	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
68	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
69	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
70	None.
71	None.
72	Work can only be performed by an authorized Honda dealership.
73	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
74	Repair work will be performed only by authorized Mazda dealers.
75	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.

	Z
54	According to supplier records, Nissan believes that approximately 28 vehicles are affected. There is an adequate supply of fuel tanks available to support the safety recall campaign.
55	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
56	Over 90% of the replacement parts to repair all vehicles in this campaign will be available to Acura dealers in conjunction with the issuance of the customer notification letter. The remaining 10% will follow shortly.
57	40 fuel tanks were added to Mopar stock to cover this campaign.
58	A correct label will be sent to all customers of record with the owner notification letter. Dealers can also obtain correct labels, if necessary, through General Motors Customer Care and Aftersales (GMCC&A) service organization. GMCC&A has computer managed label production equipment, such that no stock of labels
59	An adequate supply of replacement parts to repair all vehicles in this campaign is currently in stock and available for Honda dealers to order.
60	Software update, no parts required.
61	Parts are ordered by dealers through Lotus Cars USA
62	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
63	Chrysler will deliver updated PCM software/calibrations to dealers via the internet.
64	Affected authorized Audi dealers will be supplied a sufficient quantity of parts (if applicable) to repair the involved vehicles, through the normal Volkswagen Group parts system
65	Chrysler will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
66	Dealers are to obtain parts for this repair through the Special Service Support Center.
67	Dealers are to obtain parts for this repair through standard ordering procedures.
68	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
69	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
70	Chrysler will supply all dealers with the updated calibration and software required to reprogram the PCM.
71	Chrysler will supply all dealers with the updated calibration and software required toreprogram the PCM.
72	Software update, no parts required.E-VTC gear replacement may be required for some vehicles, there is an adequate supply of gears in stock and on order the handle anticipated demand.
73	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
74	The necessary modified software for repair will be available at any authorized Mazda dealers.
75	This action is a software update only, therefore there are no parts allocation.

	AA
54	This will be launched as a voluntary safety recall campaign.
55	Forwarding Letter - CBI
56	Attachments: Acura Safety Recall TBS 13-014 Honda is submitting the enclosed EPA Safety Recall Notification (ESRN) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
57	
58	
59	Attachments: Honda Product Update TBS 13-037 Honda is submitting the enclosed Product Up Date Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
60	Attachments:Honda Product Update TBS 13-039 issued May 23, 2013Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for subm
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62	Forwarding Letter - CBI
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64	Forwarding letter - CBI
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66	
67	This program is a warranty extension and not a proactive recall repair. Quarterly Reports do not apply.
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72	Attachments:Honda Product Update TBS 13-102 issued November 26, 2013Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for
73	
74	Mazda assigned a recall number #7113L on this service action.The number covered by recall in each test group is fewer than the total production volume reported in EDIR #0007, because approximately the 30% of total vehicles produced have been repaired with aservice program to reprogram the PCM with the modified software
75	Forwarding Letter - CBI

	AB	AC	AD
54	Negligible impact on fuel economy.		1843
55	Not applicable		1883
56	None.		1903
57	None.		1923
58	There is no impact on fuel economy. General Motors does not anticipate that the incorrect label would lead an owner to misfuel a vehicle with E85 because the vehicle does not have an E85 gas cap or an E85 label at the fuel fill inlet.		1983
59	None.		2023
60	The repair will restore normal EV only mode operation.		2143
61	None		2183
62	Not applicable		2223
63	None.		2263
64	Not applicable		2283
65	None.		2303
66	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		2323
67	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		2343
68	The proposed changes have no impact on fuel economy.		2423
69	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		2483
70	Unknown since the pilot calibrations were never tested.		2523
71	None.		2563
72	None.		2583
73	The proposed changes have no impact on fuel economy.		2603
74	There is no impact on fuel economy.		2643
75	Not applicable		2683

	AE	AF	AG	AH
54		0	N	N
55		3	Y	N
56		1	N	N
57		2	Y	N
58		1	Y	N
59		1	N	N
60		1	N	N
61		2	Y	N
62		4	Y	N
63		2	Y	N
64		3	Y	N
65		2	Y	N
66		5	Y	N
67		2	Y	N
68		1	Y	N
69		2	Y	N
70		2	Y	N
71		2	Y	N
72	To update notes and add related document.	1	N	N
73		1	Y	N
74		4	Y	Y
75		4	Y	Y

	AI	AJ	AK	AL
54	N	N	109061	No impact on drivability.
55	N	Y	109480	Not applicable
56	N	N	111019	None.
57	N	N	111816	None.
58	N	N	112235	There is no impact on drivability. General Motors does not anticipate that the incorrect label would lead an owner to misfuel a vehicle with E85 because the vehicle does not have an E85 gas cap or an E85 label at the fuel fill inlet.
59	N	N	112436	None.
60	N	N	115374	The repair will restore normal EV only mode operation.
61	N	N	115484	None
62	N	Y	116126	Not applicable
63	N	N	118924	None
64	N	Y	119654	Not applicable
65	N	N	119852	None.
66	N	N	121539	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
67	N	N	123048	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
68	N	N	125096	The proposed changes have no impact on drivability.
69	N	N	127212	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
70	N	N	128345	Unknown since the pilot calibrations were never tested.
71	N	N	131134	None.
72	N	N	132256	None.
73	N	N	135674	The proposed changes have no impact on drivability.
74	Y	N	138173	There is no impact on drivability.
75	N	Y	139349	Rough engine running during catalyst heating period and or harsh engine speed limitation at approximately 7,200 rpm (manual transmission only).

	AM	AN	AO	AP	AQ
54	Safety will be improved by eliminating the possibility of fuel leakage.	N	1449	0	0031
55	Not applicable	N	1489	0	0009
56	Safety will be improved. Repair will prevent potential vehicle stall or failure to start.	Y	1509	0	0024
57	The recall eliminates the potential for fuel leakage or for the engine to stall.	N	1529	0	1303
58	There is no impact on safety.	N	1589	1	1215
59	None.	Y	1629	0	0019
60	None.	Y	1749	0	0027
61	None	Y	1789	1	1301
62	Not applicable	N	1829	0	0024
63	None.	N	1869	0	1309
64	Not applicable	N	1889	0	0037
65	None.	N	1909	0	1304
66	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1929	0	1313
67	Ford engineering judgement indicates that the corrective action should not affect safety.	N	1949	0	1106
68	The proposed changes have no impact safety.	N	2029	1	1226
69	Ford engineering judgement indicates that the corrective action should not affect safety.	N	2089	0	1315
70	None.	N	2129	0	1312
71	None.	N	2169	0	1212
72	None.	Y	2189	1	0039
73	The proposed changes have no impact safety.	N	2209	1	1230
74	There is no impact on safety.	N	2249	0	0007
75	Not applicable	N	2309	0	0040

	AR	AS	AT
54	N	3/19/2013	1
55	Y	3/16/2013	1
56	N	4/2/2013	1
57	Y	4/6/2013	1
58	Y		1
59	N	5/3/2013	1
60	N	5/31/2013	1
61	N	1/10/2013	1
62	Y	7/2/2013	1
63	Y	7/20/2013	1
64	Y	8/14/2013	1
65	Y	7/20/2013	1
66	Y		1
67	Y		1
68	Y		1
69	Y		1
70	Y	11/2/2013	1
71	Y	11/12/2013	1
72	N	11/30/2013	1
73	Y		1
74	Y	2/15/2014	1
75	Y	3/18/2014	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
76	9600	4/8/2014	CRX	N65	Light-Duty Vehicles and Trucks	4316	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
77	9601	4/8/2014	CRX	P05	Light-Duty Vehicles and Trucks	17201	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	dwr1@chrysler.com
78	9640	4/10/2014	GMX	1233	Light-Duty Vehicles and Trucks	4923	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
79	9800	4/24/2014	FMX	13E04	Light-Duty Vehicles and Trucks	12185	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
80	9883	4/30/2014	KMX	14-HK-VERR-02	Light-Duty Vehicles and Trucks	26864	Y					Ms Christine Ueno	cueno@hatci.com	734-337-3191	adambrosi@hatci.com
81	10080	5/16/2014	TKX	1003	Light-Duty Vehicles and Trucks	41498	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859	
82	10220	5/30/2014	TKX	1004	Light-Duty Vehicles and Trucks	5701	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859	
83	10221	5/30/2014	TKX	1005	Light-Duty Vehicles and Trucks	18592	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2482957859	
84	10520	6/13/2014	VWX	VW-0007	Light-Duty Vehicles and Trucks	58375	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943	n/a
85	10600	6/18/2014	FMX	13B17	Light-Duty Vehicles and Trucks	963581	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
86	10680	6/30/2014	ADX	AD-0009	Light-Duty Vehicles and Trucks	101583	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	n/a
87	11020	7/1/2014	HNX	VERR-14-001	Light-Duty Vehicles and Trucks	885963	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864	
88	11100	8/5/2014	ADX	AD-0010	Light-Duty Vehicles and Trucks	1090	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	n/a
89	11301	8/18/2014	GMX	1236	Light-Duty Vehicles and Trucks	73042	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
90	11302	8/18/2014	GMX	1237	Light-Duty Vehicles and Trucks	5388	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	

	P	Q	R	S
76	Electrical, Mechanical and Cooling Systems	3/27/2014	2014	1365
77	Monitoring/Measuring Sensor/System	4/7/2014	2014	1405
78	Computer Related (Other than OBD)	4/17/2014	2014	1233
79	On-Board Diagnostic (OBD) System	4/7/2014	2014	1344
80	Computer Related (Other than OBD)	5/27/2014	2014	2
81	Computer Related (Other than OBD)	4/30/2014	2014	1003
82	Computer Related (Other than OBD)	5/19/2014	2014	1004
83	Fuel Tank Component	5/19/2014	2014	1005
84	Turbocharger/Supercharger	7/11/2014	2014	7
85	Air Inlet/Intake System	5/23/2014	2014	1317
86	Turbocharger/Supercharger	6/2/2014	2014	9
87	Fuel Delivery Component	6/16/2014	2014	7
88	Monitoring/Measuring Sensor/System	8/29/2014	2014	10
89	Crankcase Ventilation Component/System	8/27/2014	2014	1236
90	Computer Related (Other than OBD)	8/27/2014	2014	1237

	T
76	Some Dodge Charger, Chrysler 300, and RAM 1500 vehicles, equipped with an all-wheel drive (AWD) 8-speed automatic transmission, may experience a fracture of the transmission output shaft, resulting in the loss of motive power.
77	Some 2012 MY-2013 MY Jeep Grand Cherokee and Dodge Durango vehicles may experience a hard brake pedal feel during certain braking events. Root cause analysis determined that the "hard brake" pedal feel was caused by a reduced flow capability within the Traction Control Isolation (TC ISO) Valves during Ready Alert Braking (RAB) events.
78	An incorrect Engine Control Module (ECM) calibration was installed in certain 2014 Camaros equipped with a 3.6L engine, an automatic six speed transmission and a 2.92 axle ratio. Production installation of the correct calibration began as of January 15, 2014.
79	Some 2011 Ford Edge, Explorer and Lincoln MKX vehicles may experience a P160A Diagnostic Trouble Code after receiving a Powertrain Control Module (PCM) calibration update in service. This code may be the result of a mis-positioned Vehicle Identification Number (VIN) in the PCM. When the PCM attempts to reconcile its' mi
80	Carbon monoxide (CO) variation is more significant than expected due to A/F deviation caused by injector dispersion during warm-up period. This could result in vehicles exceeding the applicable CO standard.
81	On certain Mazda6 vehicles, a certain type of spider may intrude into the canister and weave a web in the evaporative canister vent line and this may cause a restriction in the line. If this occurs, the fuel tank pressure may become excessively negative when the emission control system works to purge the vapors from the caniste
82	On certain Mazda3 and Mazda6 vehicles equipped with the regenerative engine braking system, the Power Control Module (PCM) may incorrectly determine that there is a failure of the system energy storage capacitor when the vehicle is operating under heavy rain or through deep puddles. Under such operation the generator b
83	On certain Mazda6 vehicles, it is possible that they can be refueled beyond the rated fuel tank capacity. If it occurs, followed by a large temperature change, the fuel volume may expand beyond the remaining the vapor space in the fuel tank. Under this condition, fuel may potentially flow into the charcoal canister which is design
84	Part description: Turbocharger Volkswagen has determined that, under specific conditions, the turbocharger could malfunction and may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. Additionally, you may hear noise coming from the turbocharger. This condition may also lead to reduced engine performance if the MIL On issue is not addressed. Part numbers: 03L 253 056 EX / E (Production and warranty replacement part numbers) Parts analysis shows broken shaft and impeller damage issues. Analysis is based on part numbers 03L 253 056 EX / E. MIL On - P0299 (Turbocharger under boost fault)
85	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
86	Part description: Turbocharger Part numbers involved: Production Part Number: 06H 145 702 G/L/Q/S Warranty replacement Part Number: 06H 145 702 S Under certain driving conditions the linkage for the waste gate actuation can encounter excessive wear which leads to play at the waste gate flap, this may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component.
87	Under certain conditions, the flange of fuel pump may slightly crack due to repeated exposure to excessive stress and intervention of acid in the atmosphere or detergent for car washing.
88	Component: Engine Control Module Software New SW level available for some MY 2008 Audi S5 with 4.2L engine to address rough engine running during catalyst heating period and or harsh engine speed limitation at about 7,200 rpm. Initial SW level flashed under 24AM campaign required updating to correct unforeseen interference with oil level sensor adaptation. MIL can be activated and DTCs are stored in the ECM for two different events: Random cylinder misfires (DTCs P0300 and/or P0301-P0308) Warm-up catalyst phase (DTCs P0421 and/or P0431)- Manual transmission only Production Software / Level: MY 2008: 8T0 907 560 A / 0001, 0002 & 8T0 907 560 G / 0003, 0005, 0006 (Manual transmission) 8T0 907 560 A & K / 0003 New Improved Software / Level: MY 2008 8T0 907 560 G / 0009 (Manual transmission) If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection.
89	On certain vehicles, the PCV may develop excessive wear on the pintle and orifice. The excessive wear can result in higher than intended flow rate and customer complaints of high oil consumption. Because the spark plug from cylinder number four is closer to the PCV passage, spark plug number four may be contaminated with c
90	Certain 2014 Cadillac ATS vehicles were built with an engine wire harness that may have some wire crimps, for the accelerator pedal position circuits in the engine side of the connector, that do not meet the crimp height specification. An issue with the supplier's automatic crimping machine was identified from July 1 - July 6, 201

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76	The dealer will test the transmission output shaft. If the transmission output shaft breaks during the test, the transmission assembly must be replaced.
77	Chrysler will conduct an emission related voluntary safety recall (P05) on all affected vehicles, updating the Anti-lock Brake System (ABS) module software to modify the pre-fill strategy and relieve the hard brake pedal feel.
78	A Voluntary Emission Recall will be conducted to install the correct ECM calibration in all affected sold vehicles.
79	Affected vehicles will be updated with an updated calibration reflash 'learn' command that will correct the VIN mismatch error between the two modules.
80	Engine (ECU) calibration will be changed which reduces possible A/F deviation caused by injector dispersion during the warm up period.
81	The canister vent line will be cleaned and when there is a web in the canister vent line, the fuel tank and the check valve on the canister vent line will be replaced with new one and the Powertrain Control Module will be reprogrammed with modified software to minimize negative pressure of the fuel tank.
82	The PCM will be reprogrammed with modified software to decide precisely whether a capacitor is on failure or not.
83	An adopter will be added on the shut-off-valve in the fuel tank in order to reduce the refueling amount when the fuel nozzle auto shut off operates while refueling. The canister will be inspected and, if the weight of the canister exceeds the threshold, it will be replaced. In addition, an addendum to the owner¿s manual will be prov
84	Volkswagen Group of America, Inc. will initiate an Extended Warranty Program for 10 years / 120,000 miles regarding to Turbocharger replacements on the affected vehicles. Warranty replacement part numbers: 03L 253 056 QX / Q All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
85	Ford will contact affected owners of vehicles suspected to contain this issue to bring their vehicles in to Dealers for a re-flash of the PCM calibration and software strategy to address the loss of vehicle power in the resultant FMEM.
86	Volkswagen Group of America, Inc. initiated an Extended Warranty program for 7 years / 70,000 miles to cover the cost of replacement of turbochargers and installation of a clip on the affected vehicles.
87	The fuel filter set will be replaced by a Honda dealership.
88	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification to upgrade ECM software levels on the affected MY 2008 Audi S5 vehicles.
89	The PCV pintle and orifice material has been changed from plastic to steel, for improved durability. The revised PCV valve has the same performance and functional characteristic as the original PCV valve. General Motors will conduct a Voluntary Emissions Recall to replace the PCV valves on all affected vehicles. Additionally, the
90	Vehicles that may have been built with the suspect wire crimps have been identified. Those vehicles will be included in a Voluntary Emission Recall. Dealers will be instructed to inspect and repair the wire harness as necessary.

	V
76	Chrysler provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to Chrysler, which is then used to mail letters to vehicle owners.
77	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to Chrysler, which i
78	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
79	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
80	All model year 2011 and 2012 MY Sedona 3.5L vehicles built prior to implementation of a specific running change which updated the ECU calibration. Customer lists will be created by VIN (through R.L. Polk) based on build calibration.
81	The name and address of the affected owner are identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner???s name and address.
82	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
83	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
84	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
85	Ford production records were used to identify the affected vehicles. R.L. Polk was used to identify the owner names and addresses.
86	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
87	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
88	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
89	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
90	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own

	W
76	None.
77	None.
78	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
79	Eligibility for this program is not conditioned upon proper maintenance or use.
80	Eligibility will be based on vehicle build calibration.
81	There will be no restrictions on eligibility.
82	There will be no restrictions on eligibility.
83	There will be no restrictions on eligibility.
84	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen dealers to determine if the customer¿s vehicle meets the parameters of the subject warranty extension program.
85	Eligibility for this program is not conditioned upon proper maintenance or use.
86	There are no maintenance or eligibility requirements.
87	No pre-conditions exist. Repair will be made free-of-charge.
88	There are no maintenance or eligibility requirements.
89	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
90	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.

	X
76	The vehicle should be returned to the dealer, which will perform the repairs. Owners may obtain the repair service any time after receipt of the notification.
77	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
78	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
79	See Owner Notification Letter.
80	Make an appointment with their local dealer to have the vehicle reflashed with the new calibration.
81	As all Mazda dealers were provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in April 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
82	As all Mazda dealers were provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in May 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
83	As all Mazda dealers were provided with instructions and necessary materials for repair prior to sending the owner notification letter scheduled in May 2014, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
84	All authorized Volkswagen dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about July 11, 2014 Customer Notification: On or about July 11, 2014
85	See Owner Notification Letter.
86	Affected authorized Audi dealers received notification and detailed information about this Extended Warranty Program on June 2nd 2014. Affected Audi owners were mailed a notification letter on June 2nd 2014.
87	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
88	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action on or about August 29, 2014. Affected Audi owners will be mailed a notification of campaign on or about August 29, 2014.
89	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
90	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name

	Y
76	None.
77	None.
78	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
79	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
80	None.
81	Repair work is performed only by authorized Mazda dealers.
82	Repair work is performed only by authorized Mazda dealers.
83	Repair work is performed only by authorized Mazda dealers.
84	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
85	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
86	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
87	Work can only be performed by an authorized Honda dealership.
88	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
89	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
90	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.

	Z
76	The transmission test requires that the PCM be flashed unique with test software that disables torque management in order to apply sufficient torque to evaluate whether an output shaft is defective. Once the test is performed, the PCM will be reflashed with production software. If the transmission fails during testing, the transmission will be replaced. Chrysler has an adequate supply of transmissions in stock to cover the expected failure rate. Both versions of software are available to all dealers.
77	Chrysler will supply all dealers with the updated calibration and software required to reprogram the ABS Module.
78	There are no parts involved in this campaign. ECM calibrations have been made available electronically through General Motors Customer Care and Aftersales.
79	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
80	As this change involves a new ECU calibration, the software will be available to all dealers immediately.
81	The necessary modified software and parts for repair are available at any authorized Mazda dealers.
82	The necessary modified software are available at any authorized Mazda dealers.
83	The necessary modified parts for repair are available at any authorized Mazda dealers.
84	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
85	Dealers are to obtain parts for this repair through the Special Service Support Center.
86	Affected authorized Audi dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
87	An initial supply of parts needed to complete this repair is scheduled to arrive on June 15, 2014. Additional parts supply will arrive on August 15, 2014 and September 15, 2014.
88	This action is a software update only, therefore there are no parts allocation.
89	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
90	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.

	AA
76	
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78	
79	
80	2012 MY involves only California and Section 177 state vehicles 2011 MY involves all 50 state vehicles
81	
82	
83	
84	Forwarding Letter - CBI
85	
86	Forwarding Letter - CBI
87	Related Documents: Customer Notification Honda Service Bulletin 14-032 (Replaces 14-015, Safety Recall: Odyssey Fuel Smell or Leak) Previously submitted: Initial Customer Notification Honda Safety Recall TSB 14-015
88	Forwarding Letter - CBI
89	
90	

	AB	AC	AD
76	None.		2963
77	None.		2964
78	The proposed changes have no known impact on fuel economy.		2983
79	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3043
80	None expected.		3066
81	There is no impact on fuel economy.		3203
82	There is no impact on fuel economy.		3263
83	There is no impact on fuel economy.		3264
84	Not applicable		3303
85	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3323
86	Not applicable		3343
87	None		3363
88	Not applicable		3383
89	The proposed changes have no impact on fuel economy.		3403
90	The proposed changes have no impact on fuel economy.		3404

	AE	AF	AG	AH
76		2	Y	N
77		2	Y	N
78		1	N	N
79		3	Y	N
80		2	Y	N
81		4	Y	Y
82		4	Y	Y
83		4	Y	Y
84		3	Y	N
85		3	Y	Y
86		3	Y	N
87	To update related documents and Notes.	2	Y	N
88		4	Y	Y
89		1	N	N
90		1	N	N

	AI	AJ	AK	AL
76	N	N	142249	None.
77	N	N	142258	None.
78	N	N	142373	The proposed changes have no known impact on driveability.
79	N	N	143278	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
80	N	N	143686	None expected.
81	Y	N	144820	There is no impact on drivability.
82	Y	N	145686	Reprograming PCM software is able to correct failure decision of capacitor, resulting in no impact on driveability.
83	Y	N	145691	There is no impact on driveability.
84	N	Y	146689	Under specific conditions, noise from turbocharger and reduced engine performance may occur if the MIL On issue is not addressed.
85	N	N	146958	Ford engineering judgment indicates that the corrective aciton should not affect driveability or performance.
86	N	Y	147621	Excessive play in the waste gate actuator rod will not achieve maximum boost pressure. When maximum boost pressure is not reached, the vehicle may not develop maximum performance during hard acceleration.
87	N	N	149673	None
88	N	Y	150301	Rough engine running during catalyst heating period and or harsh engine speed limitation at approximately 7,200 rpm (manual transmission only).
89	N	N	151452	The proposed changes have no impact on drivability.
90	N	N	151454	The proposed changes have no impact on drivability.

	AM	AN	AO	AP	AQ
76	None.	N	2629	0	1314
77	None.	N	2630	0	1405
78	The proposed changes have no impact safety.	N	2649	1	1233
79	Ford engineering judgement indicates that the corrective action should not affect safety.	N	2749	1	1312
80	None expected.	Y	2772	1	0036
81	Reprograming PCM software is able to eliminate a risk to safety, which is fuel leakage due to a crack of fuel tank.	N	2909	0	0024
82	Reprograming PCM software is able to correct failure decision of capacitor, resulting in no impact on safety.	N	2989	0	0027
83	Attaching adopter to shut-off-valve in the fuel tank is able to prevent fuel leakage of the external vent of the canister, resulting in no impact on safety.	N	2990	0	0028
84	Not applicable	N	3029	0	0024
85	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3049	0	1405
86	Not applicable	N	3069	0	0029
87	It will reduce the risk of a fire.	Y	3089	1	0040
88	Not applicable	N	3109	0	0040
89	The proposed changes have no impact safety.	N	3129	1	1236
90	The proposed changes have no impact safety.	N	3130	1	1237

	AR	AS	AT
76	Y	3/28/2014	1
77	Y	4/8/2014	1
78	Y		1
79	Y		1
80	N	6/30/2014	1
81	Y	5/1/2014	1
82	Y	5/20/2014	1
83	Y	5/20/2014	1
84	Y	7/12/2014	1
85	Y		1
86	Y	6/3/2014	1
87	N	9/30/2014	1
88	Y	8/30/2014	1
89	Y		1
90	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
91	11520	9/5/2014	NSX	FOI_NSX_VER_0015_BD_	Light-Duty Vehicles and Trucks	67037	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
92	11540	9/5/2014	FMX	14E01	Light-Duty Vehicles and Trucks	10	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
93	11880	9/22/2014	VWX	VW-0008	Light-Duty Vehicles and Trucks	9073	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	n/a
94	11900	9/25/2014	FMX	14S12	Light-Duty Vehicles and Trucks	175	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
95	11981	9/29/2014	HYX	14-HK-VERR-01	Light-Duty Vehicles and Trucks	62586	Y					Ms Christine Ueno	cueno@hatci.com	734-337-3191	ADAmbrosi@hatci.com
96	12080	10/3/2014	NSX	FOI_NSX_VER_0016_BD_	Light-Duty Vehicles and Trucks	5829	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
97	12120	10/8/2014	FMX	14B05	Light-Duty Vehicles and Trucks	55204	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
98	12200	10/16/2014	VWX	VW-0005-01	Light-Duty Vehicles and Trucks	39748	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943	N/A
99	12220	10/16/2014	ADX	AD-0007-01	Light-Duty Vehicles and Trucks	172432	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	N/A
100	12221	10/16/2014	NSX	FOI_NSX_VER_0017_BD_	Light-Duty Vehicles and Trucks	6562	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
101	12424	11/5/2014	CRX	P56	Light-Duty Vehicles and Trucks	72046	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	krf2@chrysler.com
102	12520	11/14/2014	JLX	P039_VERR	Light-Duty Vehicles and Trucks	115510	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139	
103	12561	11/21/2014	CRX	P26	Light-Duty Vehicles and Trucks	42874	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	krf2@chrysler.com

	P	Q	R	S
91	Catalyst/Aftertreatment Component/System (non-diesel engine)	9/22/2014	2014	15
92	Catalyst/Aftertreatment Component/System (non-diesel engine)	8/12/2014	2014	1401
93	Monitoring/Measuring Sensor/System	10/21/2014	2014	8
94	Fuel Tank Component	8/12/2014	2014	1412
95	Computer Related (Other than OBD)	9/10/2014	2014	1
96	Crankcase Ventilation Component/System	11/3/2014	2014	16
97	Catalyst/Aftertreatment Component/System (non-diesel engine)	9/22/2014	2014	1405
98	Air Inlet/Intake System	11/6/2014	2014	5
99	Air Inlet/Intake System	11/6/2014	2014	7
100	Computer Related (Other than OBD)	11/3/2014	2014	17
101	Monitoring/Measuring Sensor/System	10/28/2014	2014	1456
102	Fuel Delivery Component	11/11/2014	2014	3
103	Monitoring/Measuring Sensor/System	11/20/2014	2014	1426

	T
91	During IUVP testing, some high mileage 2008, 2009 and 2010 California specification Rogue SULEV vehicles have shown increased NMOG exhaust emissions. These increased exhaust emissions have been determined to be due to higher than expected exhaust gas temperatures affecting under-floor catalyst performance.
92	Some 2014 and 2015 model year Explorer, Taurus, Flex, Police Interceptor Sedan, Police Interceptor Utility, and Lincoln MKS vehicles were built and sold with prototype catalysts installed on the vehicles, due to a supplier error.
93	Part description: Glow Plug Control Module Volkswagen has determined that, if the engine is started during the initial glow plug glow phase, the engine control module (ECM) may receive an incorrect reading from the glow plug control module which may cause the vehicle¿s Malfunction Indicator Light (MIL) to come on. Part number: 03L 907 281 MIL On P06C5 (check glow plug type #1) P06C6 (check glow plug type #2) P06C7 (check glow plug type #3) P06C8 (check glow plug type #4)
94	Some 2014 model year Fiesta vehicles contain a fuel tank that was manufactured with an adhesive layer missing. Without this layer, fuel could leak from a seam in the fuel tank.
95	During an initial cold start, unexpected injector build variation can cause abnormally high injector flow rates that would exceed the capacity of the original calibration adaption correction factor ¿map¿ to adjust the air fuel ratio adequately. Such limitation of the adjustment in the air-fuel ratio would result in an overly rich excur
96	On some 2015 4-cylinder Nissan Altima vehicles, there may be defective PCV inlet ports contained in the Intake Manifolds. The defective PCV ports are plugged due to a broken die being used during casting of the manifolds (injection molding) and may not fully allow blow-by gasses to exit the crankcase.
97	Some 2013-2014 MY police and livery vehicles are experiencing catalyst replacements in the field with P0420 and/or P0430 codes present in memory. An interaction of the catalyst geometry and the engine calibration behavior during certain drive maneuvers - unique to police and livery fleet drivers - can cause thermal non-unifo
98	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000 miles to cover the cost of replacement intake manifolds and / or fuel injectors under the following specific conditions, for the affected vehicles: a) A faulty intake manifold may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Intake Manifold: 06J 133 201 AS b) A faulty fuel injector may cause minor misfire conditions and in turn, cause the Malfunction Indicator Lamp (MIL) to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Fuel Injector: 06H 906 036 G
99	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000 miles to cover the cost of replacement intake manifolds and / or fuel injectors under the following specific conditions, for the affected vehicles: a) A faulty intake manifold may cause the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Intake Manifold: 06J 133 201 AS b) A faulty fuel injector may cause minor misfire conditions and in turn, cause the Malfunction Indicator Lamp (MIL) to illuminate due to the presence of specific fault codes caused by the malfunction of this component. Part number involved (Improved replacement part): Fuel Injector: 06H 906 036 G
100	In the subject vehicles, the Engine Control Module (ECM) is designed to go into fail-safe mode and partially close the electronic throttle chamber regardless of throttle position if it detects a signal interruption from either one of the two Throttle Position Sensors (TPS). Due to a programming error unique to the subject vehicles, if t
101	Some 2015 MY Jeep Cherokee and Chrysler 200 vehicles equipped with a 9-speed transmission, the Transmission Control Module (TCM) software may not allow the transaxle to shift into gear. Fluid from the torque converter may slowly drain back into the transaxle after the vehicle has been sitting for several days. After a restart, a few seconds is required for fluid to fill the torque converter. The current diagnostic calibration incorrectly interprets the torque converter drain-back condition. This drain-back condition may cause the TCM to set a Diagnostic Trouble Code (DTC), illuminate the Malfunction Indicator Lamp (MIL) and not allow the transaxle to shift into gear until the ignition is cycled off for 20 to 30 seconds.
102	Over a period of time, the sealing disc in an injector "laps" itself to its sealing face thereby increasing the time required to open the injector. Although this is considered normal wear of the injector, the current calibration¿s injector pulse width is insufficient to assure proper fuel delivery under certain circumstances, which can result in misfire. This problem only occurs during the first 1000 revolutions following engine start during catalyst warming where injector pulse width strategy is different from the rest of the ignition cycle.
103	Some 2013-2014 RAM vehicles may experience an intermittent loss of the speedometer, Electronic Stability Control (ESC), and the Anti-Lock Brake System (ABS), and illumination of the Malfunction indicator Lamp (MIL). Root cause was determined to be as follows: if the key is turned to restart the engine exactly 5 minutes after the engine was shut-off, the ESC system software disables CAN communications resulting in the interruption of the ESC, ABS, and speedometer functions.

	U
91	The ECM of affected vehicles will be reprogrammed to improve in-use emission performance. To improve this performance, the cold fast-idle ignition timing will be retarded to quickly warm up the catalyst and reduce the cold enrichment rate.
92	Affected vehicles will have the catalyst sub-assembly part numbers inspected, and the catalyst(s) replaced if the vehicle is found to have been built with the incorrect prototype catalysts.
93	Volkswagen Group of America, Inc. will pro-actively initiate an Emissions Service Action with Customer Notification to inspect and repair Glow Plug control module in the affected vehicles. All authorized Volkswagen dealers will be notified of this action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
94	Affected vehicles will have the fuel tank replaced.
95	Engine (ECU) calibration will be changed to optimize the fuel adaption correction factors to allow proper air fuel adaptation for higher fuel injector flow rates during the cold-start catalyst warm-up period
96	The intake manifold PCV inlet ports of potentially affected vehicles will be inspected and replaced with a new intake manifold if necessary.
97	Affected vehicles will have the catalyst sub-assembly part numbers inspected, and the catalyst(s) replaced if the vehicle is found to have been built with the incorrect prototype catalysts.
98	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000, whichever occurs first, from the vehicle's original in-service date, to cover the cost of replacement of intake manifolds and / or fuel injectors under the specified conditions.
99	Volkswagen Group of America, Inc. will revise previous Extended Warranty program for 10 years / 120,000, whichever occurs first, from the vehicle's original in-service date, to cover the cost of replacement of intake manifolds and / or fuel injectors under the specified conditions.
100	Nissan dealers will reprogram the Engine Control Module (ECM).
101	Chrysler will conduct an emission related Customer Satisfaction Notification (P56) on all affected vehicles, updating the Transmission Control Module (TCM) software to correct the diagnostic calibration.
102	Update affected vehicles with revised engine management system calibration. For additional details, please refer to the related Technical Bulletin No. P039.
103	Chrysler will conduct an emission related Customer Satisfaction Notification (P26) on all affected vehicles, updating the ABS module software to correct this issue.

	V
91	RL Polk
92	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
93	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
94	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
95	All model year 2011 SULEV Sonata 2.4L vehicles built prior to implementation of a specific running change which updated the ECU calibration. Customer lists will be created by VIN (through R.L. Polk) based on build calibration.
96	RL Polk
97	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
98	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer names and address information.
99	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
100	RL Polk
101	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to Chrysler, which is
102	Jaguar Land Rover North America has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis ofthese VINs.
103	Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to Chrysler, which is

	W
91	None required
92	Eligibility for this program is not conditioned upon proper maintenance or use.
93	There are no maintenance or eligibility requirements.
94	Eligibility for this program is not conditioned upon proper maintenance or use.
95	Eligibility will be based on vehicle build calibration.
96	None required
97	Eligibility for this program is not conditioned upon proper maintenance or use.
98	Volkswagen Group of America, Inc. warranty records will be reviewed by the servicing dealers to determine if the customer's vehicle meets the parameters of the subject revised warranty extension program.
99	Volkswagen Group of America, Inc. warranty records will be reviewed by the servicing dealers to determine if the customer's vehicle meets the parameters of the subject revised warranty extension program.
100	None required
101	None.
102	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
103	None.

	X
91	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
92	See Owner Notification Letter.
93	Affected authorized Volkswagen dealers will receive notification and detailed information about this service action on or about October 21, 2014. Affected Volkswagen owners will be mailed a notification regarding this service action on or about October 21, 2014. Enclosed are examples of Service Circulars and Customer Letters
94	See Owner Notification Letter.
95	Make an appointment with their local dealer to have the vehicle reflashed with the new calibration.
96	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
97	See Owner Notification Letter.
98	All authorized Volkswagen dealers will be notified of this revised program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
99	All authorized Audi & Volkswagen dealers will be notified of this revised program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
100	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification letter.
101	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
102	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
103	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.

	Y
91	Only Nissan dealers will be authorized to perform this service.
92	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
93	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
94	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
95	None
96	Only Nissan dealers will be authorized to perform this service.
97	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
98	It is anticipated that all affected vehicles will be remedied by authorized VW dealers.
99	It is anticipated that all affected vehicles will be remedied by authorized Audi and VW dealers.
100	Only Nissan dealers will be authorized to perform this service.
101	None.
102	All required repairs will be performed by Land Rover dealers.
103	None.

	Z
91	N/A - no hard parts required for this campaign. Nissan has tested the updated ECM program and will make the software available to Nissan dealers upon the launch of the campaign.
92	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
93	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
94	Dealers are to obtain parts for this repair through the Special Service Support Center.
95	As this change involves a new ECU calibration, the software will be available to all dealers immediately.
96	Approximately 1,475 replacement intake manifolds will be available to dealers immediately upon campaign announcement. There are approximately 305 additional replacement manifolds on order from the supplier with the ability to order and receive more in a timely manner. Since not all of the affected vehicle population is
97	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
98	Affected authorized VW dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
99	Affected authorized Audi and VW dealers will be supplied a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group parts system.
100	N/A - no hard parts required for this campaign. Nissan has tested the updated ECM program and will make the software available to Nissan dealers upon the launch of the campaign.
101	Chrysler will supply all dealers with the updated calibration and software required to reprogram the Transmission Control Module.
102	There are no parts required for this repair.
103	Chrysler will supply all dealers with the updated calibration and software required to reprogram the Anti-Lock Brake System Module.

	AA
91	
92	
93	Forwarding Letter - CBI
94	
95	Defect description and specific modifications have been updated to be more descriptive of the issue
96	
97	
98	Forwarding letter - CBI
99	Forwarding letter - CBI
100	
101	
102	The manufacturer's campaign number for this recall is P039.
103	

	AB	AC	AD
91	Fuel economy will not be affected by this reprogramming.		3443
92	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3463
93	Not applicable		3523
94	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3543
95	None.		3603
96	Fuel economy will not be affected by this inspection or repair.		3623
97	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3643
98	Not applicable		3663
99	Not applicable		3683
100	Fuel economy will not be affected by this reprogramming.		3684
101	None.		3703
102	There is no impact on fuel economy.		3723
103	None.		3743

	AE	AF	AG	AH
91	Revised the description of specific modifications.	0	N	N
92		3	Y	Y
93		3	Y	N
94		3	Y	Y
95		1	Y	N
96		0	N	N
97		3	Y	Y
98	Warranty Extension Program Revision to include some MY 2012 VW 2.0L TFSI vehicles	4	Y	N
99	Warranty Extension Program Revision to include some MY 2011/2012 VW & Audi - 2.0L TFSI vehicles	4	Y	N
100		0	N	N
101		2	Y	N
102	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
103		2	Y	N

	AI	AJ	AK	AL
91	N	N	153054	Drivability will not be affected by this reprogramming.
92	N	N	153064	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
93	N	Y	154418	Not applicable
94	N	N	154572	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
95	N	N	155029	None.
96	N	N	155304	Drivability will not be affected by this reprogramming, however customers may notice a slightly low or unusual engine idle.
97	N	N	155611	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
98	N	Y	156133	Not applicable
99	N	Y	156149	Not applicable
100	N	N	156152	Drivability will not be affected by this reprogramming.
101	N	N	157964	None.
102	Y	N	159358	There is no impact on driveability.
103	N	N	160316	None.

	AM	AN	AO	AP	AQ
91	Vehicle Safety will not be affected by this reprogramming.	N	3149	1	0047
92	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3169	0	1414
93	Not applicable	N	3249	0	9999
94	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	3269	0	1413
95	None.	N	3329	2	0034
96	No impact on safety.	N	3349	0	0048
97	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3369	0	1403
98	Not applicable	N	3389	1	0017,0016,0032,0033
99	Not applicable	N	3409	1	0027,0002,0009,0010,0034,0055,0058
100	No impact on safety.	N	3410	0	0049
101	None.	N	3449	0	1415
102	There is no impact safety.	Y	3469	0	0022
103	None.	N	3489	0	1408

	AR	AS	AT
91	N	9/23/2014	1
92	Y		1
93	Y	10/22/2014	1
94	Y		1
95	N	9/11/2014	1
96	N	11/4/2014	1
97	Y		1
98	Y	11/7/2014	1
99	Y	11/7/2014	1
100	N	11/4/2014	1
101	Y	10/29/2014	1
102	N		1
103	Y	11/21/2014	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
104	12640	12/15/2014	VWX	VW-0009	Light-Duty Vehicles and Trucks	91539	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943	n/a
105	12645	12/15/2014	BMX	14E-A01	Light-Duty Vehicles and Trucks	367	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
106	12648	12/17/2014	FMX	14E02	Light-Duty Vehicles and Trucks	112058	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
107	12749	1/20/2015	BMX	13E-A01	Light-Duty Vehicles and Trucks	181	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
108	12751	1/20/2015	HNX	PUDR-14-004	Light-Duty Vehicles and Trucks	85284	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864	
109	12781	1/22/2015	CRX	P66	Light-Duty Vehicles and Trucks	3591	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
110	12783	1/23/2015	CEX	CDR-2015-01	Light-Duty Vehicles and Trucks	33677	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504	
111	12784	1/23/2015	CEX	CDR-2015-02	Light-Duty Vehicles and Trucks	127483	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504	
112	12842	1/30/2015	BMX	14E-W01	Light-Duty Vehicles and Trucks	1723	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com

	P	Q	R	S
104	Monitoring/Measuring Sensor/System	12/15/2014	2014	9
105	Emission Control Information Label	10/1/2014	2014	1401
106	On-Board Diagnostic (OBD) System	11/25/2014	2014	1402
107	Evaporative Emissions Systems	9/30/2013	2013	1301
108	Hybrid Vehicle Component/System	11/18/2014	2014	8
109	Emission Control Information Label	1/21/2015	2015	1466
110	Monitoring/Measuring Sensor/System	2/2/2015	2015	4
111	On-Board Diagnostic (OBD) System	11/20/2014	2014	5
112	Electrical, Mechanical and Cooling Systems	2/16/2015	2015	1411

	T
104	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with Customer notification to upgrade ECM Software levels on the affected vehicles. Volkswagen has determined that, under specific conditions: - The turbo charger bearing might experience high friction due to insufficient lubrication after engine cold start caused by high oil viscosity and low oil supply at cold ambient conditions. The boost pressure is limited for the engine warm-up phase. This ensures a reduction of forces on the bearing until lubrication of the turbocharger bearing is sufficient. - Improvements have been made with regard to the PM filter loading / regeneration model. The updated software incorporates the latest engineering experiences to enhance the accuracy of the PM filter model. The implemented changes do not have a negative impact on the KI-factor determination or influence the on road performance of the vehicle. - Improvements have been made ensuring a higher Ammonia filling level of the SCR catalyst. This ensures that the SCR catalyst is more robust against NOx-peaks caused by dynamic and transient speed / load changes. The new software incorporates the latest engineering experiences to enhance the efficiency of the SCR system. Part numbers involved (Improved SW part numbers / levels): 03L 906 012 DE / 8401 03L 906 012 DD / 8400 03L 906 012 BP / 7445 03L 906 012 / 7444
105	Due to a logistic failure the MY2015 Vehicle Emission Control Information (VECI) Label was inadvertently affixed to 367 MY2014 models X5 xDrive 35d produced between 13th March and 21st April 2014 instead of the correct MY2014 VECI Label. BMW will conduct a voluntary emissions recall to replace the incorrect VECI Label on t
106	Some hybrid-electric and plug-in hybrid electric Fusion, MKZ, and C-Max vehicles have the diagnostic trouble code P24BC (evaporative leak control module pressure sensor circuit intermittent) incorrectly set to non-MIL. This code when set will inhibit certain evaporative monitor required MIL diagnostic trouble codes: P144B, P04
107	BMW and Rolls Royce have determined that a small number of vehicles were produced with a Software error in the ECM (Engine Control Module). As a result, the tank ventilation system does not function properly and can cause an accumulation of vapor in the Carbon Canister. A reprogramming of the ECM is necessary to address
108	Due to the memory effect of the IMA battery and inappropriate calibration of the MCM, under certain conditions, the OBD system may detect a malfunction of the "Range Check (Capacity Deterioration Check) [Hybrid Battery Pack Deterioration]" of the IMA battery module even if the capacity is normal condition.
109	Some 2015 model year Jeep Compass and Patriot vehicles equipped with a 2.4L engine, 6 speed automatic transmission, and all-wheel drive were built with a Vehicle Emission Control Information (VECI) label that incorrectly identifies the emissions test group.
110	Some MY 2013 Ram pickup trucks were built with incorrectly routed circuits for the Diesel Particulate Filter (DPF) inlet and outlet temperature sensors in the transmission harness. The root cause of the wire routing issue was determined to be an error in the wiring schematic from the transmission harness supplier. This issue on
111	Some 2013-2014 RAM vehicles may experience an intermittent loss of the speedometer, Electronic Stability Control (ESC), and the Anti-Lock Brake System (ABS), and illumination of the Malfunction indicator lamp (MIL). Root cause was determined to be as follows: if the key turned to restart the engine exactly 5 minutes after the engine was shut-off, the ESC system software disables CAN communication resulting in the interruption of the ESC, ABS and the speedometer functions.
112	The affected part number 11717804384 relates to the Throttle Body. In about 99% of all cases the component throttle body was replaced due to a short circuit caused by oxidation at the throttle body actuator or due to a stuck throttle body due to internal corrosion of the shaft bearing. In case one of these malfunctions is detected, a fault code is stored including MIL illumination.

	U
104	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with customer satisfaction to update ECM software on the affected vehicles. Affected authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action on or about December 15th, 2014. Affected Volkswagen owners will be mailed a notification of this action on or about December 16th, 2014. Enclosed are examples of Service Circular and Customer Letters.
105	BMW will replace the incorrect labels with the correct model year 2014 emissions labels.
106	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will update P24BC to be a MIL diagnostic.
107	A reprogramming of the ECM will address the situation.
108	The MCM will be updated with a correct programming by a Honda dealership.
109	Chrysler will perform a voluntary emissions recall (P66) to replace the VECI label.
110	Re-connect the DPF temperature sensors connectors to correct body wire harness connectors.
111	The ABS module must be reprogrammed with new software.
112	The corrective measure consists of extending the emissions warranty of the affected throttle bodies on all of the affected vehicles. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.

	V
104	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
105	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
106	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
107	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
108	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
109	Chrysler provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to Chrysler,
110	In conducting a recall, Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler v
111	In conducting a recall, Chrysler provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (Department of Motor Vehicles). Experian sends this information to Chrysler w
112	BMW will use an external customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.

	W
104	Not applicable.
105	Not applicable.
106	Eligibility for this program is not conditioned upon proper maintenance or use.
107	Not applicable.
108	No pre-conditions exist. Repair will be made free-of-charge.
109	None.
110	None
111	None
112	Not applicable.

	X
104	All authorized Volkswagen dealers will be notified of this action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about December 15th, 2014 Customer Notification: On or about December 16th, 2014
105	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
106	See Owner Notification Letter.
107	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
108	Owners can call any authorized Honda dealer and make an appointment to have your vehicle repaired.
109	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any Chrysler dealer who will install it for them free of charge.
110	The vehicle should be returned to the dealer, which will re-connect the DPF temperature sensors connectors to correct body wire harness connectors. Owners may obtain the repair service any time after receipt of the notification.
111	The vehicle should be returned to the dealer, for the ABS module software to be updated to allow proper operation. Owners may obtain the repair service any time after receipt of the notification.
112	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Y
104	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
105	Not applicable.
106	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
107	Not applicable.
108	Work can only be performed by an authorized Honda dealership.
109	None.
110	None
111	None
112	Not applicable.

	Z
104	This action contains a software update only, therefore there are no parts allocation.
105	New VECI labels are provided to all authorized BMW centers via our service network.
106	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
107	Not applicable.
108	Software update only.
109	Chrysler will supply a VECI label with each owner letter. Additional labels will be available from Chrysler parts depots as required.
110	Chrysler will supply all of its dealers with this required parts to complete the repair.
111	Chrysler will supply all of its dealers with this required parts to complete the repair.
112	Not applicable.

	AA
104	Forwarding Letter - CBI
105	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
106	
107	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
108	Attachments: Honda Product Update TSB 14-064 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
109	
110	
111	
112	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).

	AB	AC	AD
104	The change in the after-treatment strategy has no negative impact on the fuel consumption and urea refill intervals for the majority of customers.		3783
105	This repair has no adverse impact on fuel economy.		3784
106	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3803
107	This repair has no adverse impact on fuel economy.		3843
108	None.		3844
109	None.		3863
110	None		3864
111	None		3865
112	An emissions increase is possible, and may exceed the threshold.		3903

	AE	AF	AG	AH
104		3	Y	Y
105		1	Y	N
106		3	Y	Y
107		1	N	N
108		1	Y	N
109		2	Y	N
110		2	Y	Y
111		2	Y	Y
112		1	N	N

	AI	AJ	AK	AL
104	N	Y	163080	Under specific conditions, noise from turbocharger and reduced engine performance may occur if the MIL On issue is not addressed.
105	N	Y	163394	This repair has no adverse impact on driveability.
106	N	N	163782	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
107	N	Y	166927	This repair has no adverse impact on driveability.
108	N	N	166956	None.
109	N	N	167172	None.
110	N	N	167209	None
111	N	N	167212	None
112	N	N	167880	This repair has no adverse impact on driveability

	AM	AN	AO	AP	AQ
104	Not applicable	N	3529	0	0024
105	This repair has no adverse impact on safety.	Y	3530	1	0073
106	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3549	0	1410
107	This repair has no adverse impact on safety.	N	3589	1	0001,0046,0043
108	None.	Y	3590	0	0043
109	None.	N	3609	0	1501
110	None	N	3610	0	0017
111	None	N	3611	0	1048
112	This repair has no adverse impact on safety.	N	3649	1	0074

	AR	AS	AT
104	N	12/16/2014	1
105	N		1
106	Y		1
107	N		1
108	N	11/19/2014	1
109	Y	1/22/2015	1
110	Y		1
111	Y		1
112	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
113	12843	1/30/2015	BMX	14E-W02	Light-Duty Vehicles and Trucks	5476	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
114	12844	1/30/2015	BMX	14E-W03	Light-Duty Vehicles and Trucks	22563	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
115	12880	2/4/2015	FMX	14E04	Light-Duty Vehicles and Trucks	40574	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
116	12923	2/11/2015	FMX	14E07	Light-Duty Vehicles and Trucks	1025	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
117	12943	2/16/2015	CRX	P74	Light-Duty Vehicles and Trucks	11668	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
118	12954	2/19/2015	GMX	1252	Light-Duty Vehicles and Trucks	14633	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
119	12960	2/19/2015	FMX	14E03	Light-Duty Vehicles and Trucks	461977	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
120	12966	2/20/2015	GMX	1257	Light-Duty Vehicles and Trucks	328	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
121	12967	2/20/2015	CRX	R01	Light-Duty Vehicles and Trucks	195871	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	krf2@chrysler.com
122	13024	3/3/2015	GMX	1255	Light-Duty Vehicles and Trucks	142232	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
123	13061	3/11/2015	FMX	14E09	Light-Duty Vehicles and Trucks	4707	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
124	13080	3/12/2015	ADX	AD-0012	Light-Duty Vehicles and Trucks	25766	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	n/a
125	13081	3/12/2015	CRX	P72	Light-Duty Vehicles and Trucks	48113	Y					Mr Keith Fillmore	krf2@chrysler.com	248-576-5466	dwr1@chrysler.com
126	13082	3/12/2015	VWX	VW-0010	Light-Duty Vehicles and Trucks	201	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943	n/a
127	13083	3/12/2015	VWX	VW-0012	Light-Duty Vehicles and Trucks	299790	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943	n/a
128	13145	3/26/2015	FMX	14E08	Light-Duty Vehicles and Trucks	67802	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	

	P	Q	R	S
113	Fuel Delivery Component	2/16/2015	2015	1421
114	Crankcase Ventilation Component/System	2/16/2015	2015	1431
115	Computer Related (Other than OBD)	1/15/2015	2015	1404
116	Catalyst/Aftertreatment Component/System (non-diesel engine)	1/21/2015	2015	1407
117	On-Board Diagnostic (OBD) System	12/15/2014	2014	1474
118	Evaporative Emissions Systems	2/18/2015	2015	1252
119	Computer Related (Other than OBD)	1/30/2015	2015	1403
120	Fuel Delivery Component	2/19/2015	2015	1257
121	Computer Related (Other than OBD)	2/19/2015	2015	1501
122	Computer Related (Other than OBD)	3/3/2015	2015	1255
123	On-Board Diagnostic (OBD) System	2/20/2015	2015	1409
124	Fuel Delivery System	3/17/2015	2015	12
125	On-Board Diagnostic (OBD) System	3/20/2015	2015	1472
126	Fuel Delivery System	3/17/2015	2015	10
127	Monitoring/Measuring Sensor/System	4/7/2015	2015	12
128	On-Board Diagnostic (OBD) System	3/13/2015	2015	1408

	T
113	An affected engine¿s Vacuum Pump may leak engine crankcase oil or malfunction.
114	The affected parts relate to the Ventilation Hose Connecting Live (PCV). In more than 50% of all cases, this part was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200C for material PA6) are the main rea
115	Some 2008 model year LEV 2 / SULEV certified Ford Taurus and Taurus X and Mercury Sable vehicles exceeded the FTP NMOG exhaust emissions standard when tested at the Automotive Testing and Development Services laboratory in Ontario, California as part of a CAP 2000 In-Use Confirmatory Program. Calibration changes that
116	Some catalytic converters on the 2015 model year V8 5.0L Mustang were built incorrectly, with the inlet and outlet ends of the converter welded into the exhaust assembly in a reverse orientation, due to a supplier manufacturing error.
117	On some 2015 model year Dodge Challenger vehicles, the instrument cluster software could cause the cluster to go into a ¿reset¿ condition and fail to perform a ¿bulb check¿ on safety warning lamps and the Malfunction Indicator Lamp during vehicle start-up. This condition fails to conform to the requirements of Federal Motor Vehicle Safety Standard (FMVSS) No. 101, ¿Controls and Displays¿.
118	Certain vehicles may have been built with an out-of-position ¿anti-siphon¿ grid within the fuel fill pipe.
119	The software for the 2011-2014 F-250, F-350, F-450 and F-550 Super Duty trucks with 6.7L diesel engines exhibits a defect in workmanship (calibration error) enabling drivers to go faster than intended if they enter into the low Diesel Exhaust Fluid (DEF) final inducement step. Per Agency guidance, the vehicle should be speed-limit
120	Engine-mounted high-pressure fuel pump leak-checks were not performed correctly at the supplier, and pump components were not manufactured correctly.
121	On some 2014-2015 MY KL/UF equipped with 2.4L/3.2L engines and 948TE transmission, the transmission C-clutch snap ring may become unseated. Root cause was determined to be as follows: A Transmission Control Module (TCM) software change was implemented May, 2014 for 2014 KL 2.4L/3.2L, and the equivalent software calibration was installed on the 2015 KL 2.4L/3.2L and UF 2.4L. This change inadvertently allows the above condition to occur on some vehicles during unique 3-2 shifts and tip-in maneuvers.
122	The design of the fuel control system for these 2010 Equinox / Terrain vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected emission performance under conditions represented on the FTP and US06 tests.
123	Some 2015 model year hybrid and plug-in hybrid Fusion and hybrid MKZ vehicles have Ambient Air Temperature (AAT) sensor diagnostics that were incorrectly set to be non-MIL and in the event of a sensor failure, inhibit required evaporative monitor diagnostics without illuminating the MIL.
124	It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system due to production tolerance issues and vehicle vibration during dynamic driving conditions. Additionally, some vehicles may benefit from having the thermostat and/or the crankcase pressure valve proactively updated. Repairs to these other components are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection. Part numbers involved (Audi vehicles): 06E 198 201 - Fuel rail kit 06E 998 907 E - Repair kit Improved Thermostat: 06E 121 111 AL Improved Crankcase Pressure regulating valve: 06E 103 547 H
125	On some 2015MY Jeep Wrangler vehicles, the Downstream Oxygen Sensor Response and Downstream Oxygen Sensor Stuck Rich diagnostics do not run to completion, and cannot detect a failed component. This prevents the Oxygen Sensor Readiness from clearing and indicating that the monitor is "ready". In addition, some perm
126	It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system due to production tolerance issues and vehicle vibration during dynamic driving conditions. Additionally, some vehicles may benefit from having the thermostat proactively updated. Repairs to this other component are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of this issue, the vehicle may not pass an I/M (emissions) inspection. Part numbers involved: 06E 198 201 - Fuel rail kit 06E 998 907 E - Repair kit Improved Thermostat: 06E 121 111 AL
127	These changes will assist in reducing MIL illumination for DTC P0401 & P2463, thus reducing the frequency of unnecessary replacement of after treatment system components. In addition, the vehicle¿s engine management software strategy has been modified to optimize the PM filter loading and regeneration model under extreme driving conditions. Improved Part numbers / SW levels: 03L 906 019 JS / 8183 03L 906 019 JT / 8184 03L 906 019 KA / 8185 03L 906 019 KB / 8186 03L 906 019 KD / 8182 03L 906 019 KC / 8181 03L 906 019 CT, CM, CL, DB, DA / 9971 03L 906 022 KB, PB, SQ / 9971 03L 906 019 EJ / 8186 03L 906 019 EE / 8177 03L 906 019 HG / 8178 03L 906 019 EH / 8179 03L 906 019 HH / 8180 03L 906 019 HD / 8175 03L 906 019 HB / 8169 03L 906 019 HC / 8170 03L 906 019 AN / 8171 03L 906 019 AP / 8172 03L 906 019 HN / 8173 03L 906 019 HE / 8174
128	Some 2013 model year 1.6L Fiesta vehicles did not pass the required CARB in-use monitor performance ratio (IUMPR) for the evaporative monitor when tested in-use. The measured IUMPR was 0.126, which is below the minimum acceptable CARB EVAP ratio of 0.260.

	U
113	The corrective measure consists of extending the emissions warranty for the affected vacuum pump on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the vacuum pump with an improved version of the original fails during this extended warranty peri
114	The corrective action consists of extending the emissions warranty for the PCV Ventilation Hose on all affected vehicles to 10 years or 120,000 miles, whichever comes first, and replacing the Hose with an improved version if the original fails during this extended warranty period. BMW will also reimburse owners who have alread
115	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will provide the correct amount of fuel for cold starts.
116	Dealers will inspect the catalytic converters and replace the ones that were assembled incorrectly.
117	FCA US will conduct a Safety Recall (P74) to reprogram the instrument cluster with updated software on all affected vehicles.
118	General Motors will initiate a voluntary emission recall to replace the fuel tank fill pipe on the 2014 Chevrolet Corvette vehicles. If the grid has become dislodged and entered the fuel tank, dealers will remove the piece from the tank.
119	Dealers will update the affected vehicles with the latest appropriate powertrain calibration. This calibration update will correct the final inducement for low DEF to limit vehicle speed to 5 mph.
120	General Motors will conduct a voluntary emissions recall to install new high pressure fuel pump assemblies and related parts.
121	FCA US LLC will conduct an emission related Customer Satisfaction Notification (R01) on all affected vehicles, to flash the updated Transmission Control Module (TCM) and Powertrain Control Module (PCM) software/calibration to correct this issue.
122	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for all 2010 Equinox / Terrain vehicles with 2.4L engines.
123	Dealers will update the affected vehicles with the latest appropriate powertrain calibration.
124	Volkswagen Group of America, Inc. has initiated a Safety Recall to address a combination of production tolerance issues and vehicle vibration during dynamic driving conditions. It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system. Additionally, some vehicles may benefit from having the thermostat and/or the crankcase pressure valve proactively updated. Repairs to these other components are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of these issues, the vehicle may not pass an I/M (emissions) inspection. Dealer Notification: January 21, 2015 Customer Notification: On or about March 17, 2015
125	FCA US will perform a voluntary emissions recall (P72) to reprogram the powertrain control module (PCM) with updated software.
126	Volkswagen Group of America, Inc. has initiated a Safety Recall to address a combination of production tolerance issues and vehicle vibration during dynamic driving conditions. It is possible that, in rare cases, a fuel leak may occur in the vehicle's fuel injection system. Additionally, some vehicles may benefit from having the thermostat proactively updated. Repairs to this other component are not related to the safety recall, but can be easily performed at the same time as recall repair. If the MIL is on because of this issue, the vehicle may not pass an I/M (emissions) inspection. Dealer Notification: January 21, 2015 Customer Notification: On or about March 17, 2015
127	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action with Customer notification to upgrade ECM Software levels on the affected vehicles. These changes will assist in reducing MIL illumination for DTC P0401 & P2463, thus reducing the frequency of unnecessary replacement of after treatment system components. In addition, the vehicle¿s engine management software strategy has been modified to optimize the PM filter loading and regeneration model under extreme driving conditions. Dealer Notification: On or about April 7th, 2015 Customer Notification: On or about April 7th, 2015
128	Dealers will update the affected vehicles with the latest appropriate powertrain calibration.

	V
113	BMW will use an external customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
114	BMW will use an external customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
115	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
116	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
117	FCA US provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to FCA US, wh
118	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
119	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
120	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
121	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
122	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
123	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
124	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
125	FCA US provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to FCA US, wh
126	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
127	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
128	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.

	W
113	Not applicable.
114	Not applicable.
115	Eligibility for this program is not conditioned upon proper maintenance or use.
116	Eligibility for this program is not conditioned upon proper maintenance or use.
117	None.
118	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
119	Eligibility for this program is not conditioned upon proper maintenance or use.
120	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
121	None.
122	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
123	Eligibility for this program is not conditioned upon proper maintenance or use.
124	There are no maintenance or eligibility requirements.
125	None.
126	There are no maintenance or eligibility requirements.
127	There are no maintenance or eligibility requirements.
128	Eligibility for this program is not conditioned upon proper maintenance or use.

	X
113	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
114	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
115	See Owner Notification Letter.
116	See Owner Notification Letter.
117	The vehicle should be returned to the dealer, which will perform the repairs. Owners may obtain the repair service any time after receipt of the notification.
118	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
119	See Owner Notification Letter.
120	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
121	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
122	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
123	See Owner Notification Letter.
124	Affected authorized Audi dealers have received notification and detailed information about this Safety Recall on January 21, 2015. Affected Audi owners will be mailed a notification of recall on or about March 17, 2015. Enclosed are examples of Dealer Circulars and Customer Letters
125	The vehicle should be returned to the dealer, who will perform the repairs. Owners may obtain the repair service any time after receipt of the notification.
126	Affected authorized Volkswagen dealers have received notification and detailed information about this Safety Recall on January 21, 2015. Affected Volkswagen owners will be mailed a notification of recall on or about March 17, 2015. Enclosed are examples of Dealer Circulars and Customer Letters
127	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this service action on or about April 7th, 2015. Affected Volkswagen & Audi owners will be mailed a notification regarding this service action on or about April 7th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
128	See Owner Notification Letter.

	Y
113	Not applicable.
114	Not applicable.
115	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
116	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
117	None.
118	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
119	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
120	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
121	None.
122	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
123	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
124	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
125	None.
126	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
127	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
128	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.

	Z
113	Not applicable.
114	Not applicable.
115	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
116	Dealers are to obtain parts for this repair through the Special Service Support Center.
117	FCA US will supply all dealers with the updated software required to reprogram the instrument cluster.
118	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
119	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
120	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
121	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM and PCM.
122	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
123	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
124	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
125	FCA US will supply all dealers with the updated calibration and software required to reprogram the PCM.
126	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
127	This action contains a software update only, therefore there are no parts allocation.
128	No parts are required for this action. The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.

	AA
113	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).
114	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents Included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin).
115	
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121	
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123	
124	Forwarding Letter - CBI
125	
126	Forwarding Letter - CBI
127	Forwarding Letter - CBI
128	

	AB	AC	AD
113	This repair has no adverse impact on fuel economy.		3904
114	An emissions increase is possible, and may exceed the threshold.		3905
115	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3923
116	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		3964
117	None.		3983
118	The proposed changes have no impact on fuel economy.		4004
119	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4006
120	The proposed changes have no impact on fuel economy.		4007
121	None.		4008
122	The proposed changes have no impact on fuel economy.		4023
123	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4043
124	Not applicable		4063
125	None.		4064
126	Not applicable		4065
127	This issue poses no impact on fuel economy.		4066
128	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4083

	AE	AF	AG	AH
113		1	N	N
114		1	N	N
115		3	Y	Y
116		3	Y	Y
117		2	Y	N
118		1	N	N
119		3	Y	Y
120		1	N	N
121		2	Y	N
122		1	N	N
123		3	Y	Y
124		4	Y	N
125		2	Y	N
126		4	Y	N
127		5	Y	N
128		3	Y	Y

	AI	AJ	AK	AL
113	N	Y	167884	This repair has no adverse impact on driveability
114	N	Y	167886	This repair has no adverse impact on driveability
115	N	N	168231	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
116	N	N	168901	Ford engineering judgment indicates that the corrective action should not affect drivability or performance.
117	N	N	169391	None.
118	N	N	169594	The proposed changes have no impact on drivability.
119	N	N	169659	Ford engineering judgment indicates that the corrective action contains drivability enhancements for the affected customers.
120	N	N	169688	The proposed changes have no impact on drivability.
121	N	N	169690	None.
122	N	N	170413	The proposed changes have no impact on drivability.
123	N	N	170960	Ford engineering judgment indicates that the corrective action should not affect drivability.
124	N	Y	171025	Not applicable
125	N	N	171051	None.
126	N	Y	171087	Not applicable
127	N	Y	171101	This issue poses no known drivability impact.
128	N	N	171947	Ford engineering judgment indicates that the corrective action should not affect drivability.

	AM	AN	AO	AP	AQ
113	This repair has no adverse impact on safety.	N	3650	1	0042
114	This repair has no adverse impact on safety.	N	3651	1	0039
115	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3669	0	1411
116	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3709	0	1417
117	None.	N	3729	0	1502
118	The proposed changes have no impact safety.	N	3750	1	1252
119	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3752	0	1401
120	The proposed changes have no impact safety.	N	3753	1	1257
121	None.	N	3754	0	1504
122	The proposed changes have no impact safety.	N	3769	1	1255
123	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3789	0	1415
124	Not applicable	N	3809	0	9999
125	None.	N	3810	0	1416
126	Not applicable	N	3811	0	9999
127	Not applicable	N	3812	0	0041
128	Ford engineering judgement indicates that the corrective action should not affect safety.	N	3829	0	1416

	AR	AS	AT
113	N		1
114	N		1
115	Y		1
116	Y		1
117	Y	12/16/2014	1
118	Y		1
119	Y	1/31/2015	1
120	Y		1
121	Y	2/20/2015	1
122	Y		1
123	Y		1
124	Y	3/18/2015	1
125	Y	3/21/2015	1
126	Y	3/18/2015	1
127	Y	4/8/2015	1
128	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
129	13203	4/13/2015	BMX	15E-A01	Light-Duty Vehicles and Trucks	2573	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
130	13205	4/14/2015	BMX	15E-W01	Light-Duty Vehicles and Trucks	51117	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
131	13210	4/16/2015	GMX	1250	Light-Duty Vehicles and Trucks	428480	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
132	13221	4/20/2015	GMX	1242	Light-Duty Vehicles and Trucks	12564	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
133	13261	4/24/2015	CRX	2015-07	Light-Duty Vehicles and Trucks	1925	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
134	13340	5/15/2015	GMX	1261	Light-Duty Vehicles and Trucks	89088	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
135	13364	5/26/2015	BMX	14E-W05	Light-Duty Vehicles and Trucks	112043	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
136	13381	5/28/2015	SKX	VG01	Light-Duty Vehicles and Trucks	19250	Y					Mr Robert Alsip	balsip@suz.com	714-996-7040 xt2315	balsip@suz.com
137	13400	6/1/2015	CRX	2015-15	Light-Duty Vehicles and Trucks	5638	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
138	13436	6/15/2015	CRX	R04	Light-Duty Vehicles and Trucks	2471	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
139	13499	6/22/2015	CRX	2015-20	Light-Duty Vehicles and Trucks	3831	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
140	13526	6/30/2015	BMX	15E-W02	Light-Duty Vehicles and Trucks	47733	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com

	P	Q	R	S
129	Diesel Particulate Filter System	6/1/2015	2015	1501
130	Fuel Delivery Component	6/1/2015	2015	1511
131	Computer Related (Other than OBD)	3/20/2015	2015	1250
132	Catalyst/Aftertreatment Component/System (non-diesel engine)	4/27/2015	2015	1242
133	Fuel Delivery Component	4/23/2015	2015	1507
134	Computer Related (Other than OBD)	5/11/2015	2015	1261
135	Computer Related (Other than OBD)	7/1/2015	2015	1451
136	Evaporative Emissions Systems	6/1/2015	2015	1
137	Electrical, Mechanical and Cooling Systems	5/21/2015	2015	1515
138	Exhaust System	6/11/2015	2015	1504
139	Electrical, Mechanical and Cooling Systems	6/19/2015	2015	1520
140	Fuel Delivery Component	8/1/2015	2015	1521

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129	Due to a logistic failure the MY2015 Vehicle Emission Control Information (VECI) Label was inadvertently affixed to 1,357 MY2014 i3 REx and i8 models produced between November 1st and December 22nd 2014 instead of the correct MY2014 VECI Label.
130	Based on warranty claims and subsequent investigations, BMW determined that a safety-related problem exists on a certain number various BMW models, the nature of which has been outlined in the enclosed Voluntary Emissions Warranty Extension Plan.
131	The design of the fuel control system for these 2011-2013 Cruze vehicles did not sufficiently comprehend the adverse emissions effects of component protection, which resulted in higher than expected emission performance under conditions represented on the US06 test.
132	The design of the catalytic converter and fuel control system for these 2008 and 2009 Corvette vehicles did not comprehend certain aspects of in use operation, which resulted in higher than expected emission performance.
133	Some 2015 MY Dodge Challenger SRT and Dodge Charger SRT vehicles equipped with the 6.2L Supercharged Engine may have a damaged fuel injector rail crossover hose which could leak. Root cause was determined to be as follows: Damage was determined to have occurred on the hose installation fixture during the tier 2 fuel rail supplier¿s manufacturing process.
134	The design of the fuel control system for certain 2008 Silverado/Sierra/Suburban/Avalanche/Tahoe/Yukon vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected emission performance under conditions represented on the FTP emissions test during Air Resource Board confirmatory
135	The affected part number 11537633476 related to the Thermostat (including a map controlled heating element). Analyses have shown that in 90% of all cases, the thermostat was replaced due to a disconnected pin of the heating element caused by corrosion due to moisture ingress in the thermostat housing. The corrosion lea
136	The vehicle¿s evaporative emissions canister¿s air vent line becomes restricted. If this occurs, air flow through the evaporative emissions system may be impacted in that excessive negative pressure is created in the fuel tank. This can cause deformation of the fuel tank, which can lead to fuel tank cracks. If the fuel tank becom
137	The Electric Vehicle Control Unit (EVCU) on some 2013 MY - 2015 MY Fiat 500e vehicles may contain software that is incompatible with the Battery Pack Control Module (BPCM) software. The incompatible software between the two modules may cause a high voltage electrical system shutdown and thereby a loss of motor power.
138	On some 2014MY - 2015 MY 3.0L diesel RAM 1500 4X2 vehicles, the exhaust high-frequency decoupler (HFD), located between the turbocharger and the diesel oxidation catalyst (DOC) and diesel particulate filter (DPF) assembly may develop a fatigue fracture from engine resonance.
139	The Electric Vehicle Control Unit (EVCU) on some 2013 MY - 2015 MY Fiat 500e vehicles may contain software that can result in an unintended shift to neutral condition.
140	The affected part number 13517592429 relates to the High Pressure Fuel Pump. In about 90% of all cases the high pressure fuel pump was replaced due to a corresponding fault code storage including MIL illumination. One reason for the high pressure fuel pump malfunctions are oil losses caused by a cracked coupling or shaft sp

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129	BMW will replace the incorrect labels with the correct model year 2014 emissions labels.
130	The corrective measure consists of extending the emissions warranty for the affected Fuel Pump Unit on all of the vehicles listed above to 10 years (without mileage limitation), and replacing the Fuel Pump Unit with an improved version of the original fails during this extended warranty period.
131	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for all 2011-2013 Cruze vehicles with 1.4L turbocharged engines and automatic transmissions.
132	General Motors will conduct a Voluntary Emission Recall to replace the catalytic converters with a more robust system and install a revised calibration file in the Engine Control Module.
133	FCA US LLC will conduct an emission related Voluntary Safety Recall (R07) on all affected vehicles, to replace the engine fuel injector rail, fuel injectors, and the crossover hose.
134	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for certain 2008 Silverado/Sierra/Suburban/Avalanche/Tahoe/Yukon vehicles with 4.8L and 5.3L engines.
135	The corrective measure consists of extending the emissions warranty for the affected Thermostat on all of the vehicles listed to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the Thermostat with an improved version if the original fails during the extended warranty period.
136	Suzuki will replace the canister air vent line on all affected vehicles with a redesigned part that contains a plastic filter to prevent a spider from entering the air vent line and weaving a web. As part of the repair, the customer¿s original vent line will be inspected to see if a spider web is present within the vent line. If evidence of a spider web is found, the vehicle¿s fuel tank will be replaced in addition to the new canister air vent line as a precautionary measure.
137	FCA US LLC will conduct an emission related Voluntary Safety Recall (R15) on all affected vehicles, to update the EVCU software.
138	FCA US LLC will conduct a Voluntary Emission Recall (R04) on all affected vehicles to replace the HFD with a solid pipe and an isolated rear exhaust bracket.
139	FCA US will conduct an emission related Voluntary Safety Recall (R20) on all affected vehicles, to update the EVCU software.
140	The corrective measure consists of extending the emissions warranty for the affected High Pressure Fuel Pump on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BN

	V
129	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
130	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
131	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
132	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
133	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
134	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
135	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
136	Vehicle owners will be identified using DMV registration records supplied by R.L. Polk, or Suzuki sales records. Owners of affected vehicles will be sent a notification by first class mail, informing them how to obtain the recall service
137	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
138	FCA US LLC provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which i
139	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
140	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.

	W
129	Not applicable.
130	Not applicable.
131	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
132	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
133	None,
134	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
135	Not applicable.
136	Suzuki has not established any conditions that could potentially exclude a vehicle from receiving warranty repair. Suzuki Service Providers are to perform the recall service on all affected vehicles regardless of age, mileage, or usage.
137	None,
138	None.
139	None,
140	Not applicable.

	X
129	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
130	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
131	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
132	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
133	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
134	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
135	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
136	The procedure to be followed by owners to obtain the recall service is described in the owner notification letter. Owners are being instructed to contact a Suzuki Service Provider to make an appointment for the recall service
137	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
138	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
139	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
140	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Y
129	Not applicable.
130	Not applicable.
131	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
132	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
133	None.
134	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
135	Not applicable.
136	Suzuki no longer has automotive dealers in the United States. Suzuki Service Providers are the only authorized agents empowered to perform this recall.
137	None.
138	None.
139	None.
140	Not applicable.

	Z
129	New VECI labels are provided to all authorized BMW centers via our service network.
130	New Fuel Pump Units are provided to all authorized BMW centers via our service network.
131	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
132	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
133	Chrysler will have a minimum of 20 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
134	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
135	Not applicable.
136	Sufficient parts are currently available to fulfill this recall.
137	FCA US will supply all dealers with the updated calibration and software required to reprogram the EVCU software.
138	FCA US LLC will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
139	FCA US will supply all dealers with the updated calibration and software required to reprogram the EVCU software.
140	New Pumps are provided to all authorized BMW centers via our service network.

	AA
129	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
130	This VERR report version 2 (R01) is a supplement to the original VERR submitted. There are 32 Test Group involved in this campaign, but only 20 are allowed per PDF form.
131	
132	
133	
134	
135	Recall Plan (including Customer Letter and Service Bulletin) to be submitted next.
136	1. "Other" document is dealer notification bulletin. 2. This action is being taken as a follow-up to a safety recall that was implemented in August, 2014 for this issue. Suzuki was contacted by CARB and requested to perform an emissions recall in California for this issue. To maintain consistency, Suzuki has decided to conduct a voluntary emissions recall nationwide.
137	
138	
139	
140	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193. Other documents included: - Recall Plan (includes Customer Notification Letter and Technical Service Bulletin)

	AB	AC	AD
129	This repair has no adverse impact on fuel economy.		4123
130	This repair has a potential impact on fuel economy.		4125
131	The proposed changes have no impact on fuel economy.		4143
132	The proposed changes have no impact on fuel economy.		4145
133	None.		4163
134	The proposed changes have no impact on fuel economy.		4183
135	An emissions increase is possible, and may exceed the threshold.		4203
136	None.		4223
137	None.		4243
138	None.		4265
139	None.		4326
140	An emissions impact is possible.		4328

	AE	AF	AG	AH
129		1	Y	N
130	Additional Test Groups - This campaign involves 32 Test Groups, while the PDF form only allows for up to 20.	1	Y	N
131		1	N	N
132		1	N	N
133		2	Y	N
134		1	N	N
135	Expansion of Warranty Expansion campaign to include 2013 & 2014 models, in addition to 2012.	1	N	N
136		2	N	N
137		2	Y	N
138		2	Y	N
139		2	Y	N
140		1	Y	N

	AI	AJ	AK	AL
129	N	Y	173165	This repair has no adverse impact on driveability.
130	N	Y	173237	This repair has no adverse impact on driveability.
131	N	N	173386	The proposed changes have no impact on drivability.
132	N	N	173592	The proposed changes have no impact on drivability.
133	N	N	173884	None.
134	N	N	175506	The proposed changes have no impact on drivability.
135	N	Y	176180	This repair has no adverse impact on drivability.
136	Y	Y	176447	None.
137	N	N	176578	None.
138	N	N	177530	None.
139	N	N	178015	None.
140	N	Y	178713	Drivablity might be affected.

	AM	AN	AO	AP	AQ
129	This repair has no adverse impact on safety.	Y	3869	1	0086
130	This repair has a potential impact on safety.	Y	3871	2	0079
131	The proposed changes have no impact safety.	N	3889	1	1250
132	The proposed changes have no impact safety.	N	3891	1	1242
133	None.	N	3909	0	1508
134	The proposed changes have no impact safety.	N	3929	1	1261
135	This repair has no adverse impact on safety.	N	3949	2	0087
136	None.	N	3969	1	0001
137	None.	N	3989	0	1506
138	None.	N	4030	0	1428
139	None.	N	4072	0	1511
140	This repair has no impact on safety.	Y	4074	1	0045,0070

	AR	AS	AT
129	N		1
130	N		1
131	Y		1
132	Y		1
133	Y	4/24/2015	1
134	Y		1
135	N		1
136	Y		1
137	Y	5/22/2015	1
138	Y	6/12/2015	1
139	Y	6/20/2015	1
140	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
141	13527	7/1/2015	CRX	R21	Light-Duty Vehicles and Trucks	2278	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	Mark.finsterwald@fcagroup.com
142	13530	7/6/2015	VWX	VW-0013	Light-Duty Vehicles and Trucks	99380	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943	n/a
143	13531	7/6/2015	BMX	15E-W04	Light-Duty Vehicles and Trucks	3655	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
144	13538	7/9/2015	CRX	R02	Light-Duty Vehicles and Trucks	4613	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
145	13556	7/13/2015	BMX	15E-A02	Light-Duty Vehicles and Trucks	154653	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
146	13619	8/4/2015	FMX	15E02	Light-Duty Vehicles and Trucks	1902	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
147	13778	8/24/2015	HNX	VERR-15-010	Light-Duty Vehicles and Trucks	11972	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864	
148	13802	8/27/2015	TKX	1006	Light-Duty Vehicles and Trucks	71658	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093	
149	13839	9/18/2015	HNX	VERR-15-011	Light-Duty Vehicles and Trucks	17796	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864	
150	13856	9/22/2015	HNX	PUDR-15-001	Light-Duty Vehicles and Trucks	15211	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864	

	P	Q	R	S
141	Emission Control Information Label	6/30/2015	2015	1521
142	Exhaust Gas Recirculation (EGR) System	8/3/2015	2015	13
143	Electrical, Mechanical and Cooling Systems	8/1/2015	2015	1541
144	Emission Control Information Label	7/9/2015	2015	1502
145	Electrical, Mechanical and Cooling Systems	8/1/2015	2015	1502
146	On-Board Diagnostic (OBD) System	7/15/2015	2015	1502
147	Emission Control Information Label	9/18/2015	2015	11
148	Computer Related (Other than OBD)	8/25/2015	2015	1006
149	Emission Control Information Label	10/6/2015	2015	13
150	On-Board Diagnostic (OBD) System	9/25/2015	2015	9

	T
141	Some 2015 model year 2.4L Jeep Cherokee gasoline vehicles were built with an incorrect Vehicle Emissions Control Information (VECI) label, having an FFV label applied.
142	Part description: Exhaust Flap Part numbers involved: 1K0 253 691 E / F parts are being replaced with improved parts with suffix ¿G¿ & ¿J¿. The following complaints were observed: MIL on The following DTCs were observed: - P0401 (Exhaust Gas Recirc. Flow Insufficient Detected) - P047F (valve stuck in open position) - P0477 (Exhaust Pressure Control Valve Low) - P048A (valve stuck in closed position) - P048B (signal range check low) - P048C (position sensor signal in desired range during closed position learning) Analysis of sample parts shows exhaust flap sticking in open / closed position caused by corrosion on the shaft.
143	The affected part number 13417838024 relates to the Idle Control Device. The reason for idle control device replacements is silicone contamination of the carbon brushes and the collectors. The silicone might lead to ¿brush-fires¿ between the collector and the carbon brushes which can cause an isolating silicone oxide film. Th
144	Some 2014 model year RAM ProMaster vehicles were built with an incorrect Vehicle Emissions Control Information (VECI) label. Three issues were discovered, as follows: ¿ ProMaster complete vehicles equipped with a 3.0L engine were certified and built with California Onboard Diagnostics (OBD), but the VECI label incorrectly stated not applicable. ¿ ProMaster incomplete (aka cab chassis) vehicles equipped with a 3.6L Pentastar engine were built with a VECI label for a complete vehicle. ¿ Third issue: some 2014-2015 ProMaster incomplete vehicles, both 3.0L diesel and 3.6L gasoline engines, were built with an incorrect maximum curb weight.
145	The affected part numbers 11367583207 and 11367583208 relate to the VANOS VVT Adjustment Unit Intake. In about 95% of all cases, the component VANOS VVT Adjustment Unit Intake was replaced in service due to a failure (broken screw head near the screw shaft) at one or more of the overall four screws necessary to adjust t
146	Some 2013 model year 1.6L Fusion vehicles equipped with the Auto Start/Stop feature have the circuit diagnostics for the vapor blocking valve (VBV) circuit incorrectly disabled. Subsequently, it was discovered that a small number of vehicles may have been built at the assembly plant without the VBV installed.
147	Some vehicles were produced either missing the Vehicle Emission Control Information label or with the incorrect label. Air Conditioner Information labels are also missing from production vehicles.
148	In order to optimize the exhaust conversion efficiency, the sub feedback fuel control learns the A/F value and adjusts the A/F based on the sub feedback learning value. However, on certain 2010-2011MY Mazda3 equipped with 2.0L displacement engine, during acceleration and deceleration in high speed and high load conditions
149	The noise suppression capacitor's coil winding wire in the ignition coil may be broken off. This may result in the engine misfire and/or engine stall and/or elimination of the OBD fault code.
150	Due to inappropriate calibration of the PCM, the OBD system cannot judge pass condition for the clutch pressure control solenoid B of the 8 Speed Dual Clutch Transmission under reverse gear shift.

	U
141	FCA US will perform a voluntary emissions recall (R21) to replace the VECI label.
142	Volkswagen Group of America, Inc. will expand an Extended Warranty program for 10 years / 120,000 miles regarding to Exhaust Flap replacements on some additional MY 2012 & 2013 2.0L TDI vehicles as described above. Volkswagen has determined that under specific conditions, certain deficiencies affecting the engine exhaust flap could make this component susceptible to degraded performance. If this happens, the Malfunction Indicator Lamp (MIL) on the instrument cluster may illuminate due to the presence of specific fault codes caused by a faulty engine exhaust flap. All authorized Volkswagen dealers will be notified of this campaign, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
143	BMW is proposing to extend the emissions warranty for Model Year 2013 Test Group DBMXV04.0S65 to full useful life (10 years/120,000mls).
144	FCA US will perform a voluntary emissions recall (R02) to replace the VECI label.
145	BMW will replace the Gear Bolts with the replacement parts.
146	Dealers will reprogram the powertrain control module (PCM) to the latest calibration. If malfunction indicator lamp (MIL) becomes illuminated after the PCM reprogram and VBV related diagnostic trouble codes are present, dealers will diagnose and repair the vehicle following normal Workshop Manual procedures as required.
147	Vehicles will be inspected for correct installation of the Vehicle Emission Control Information and Air Conditioner Information Label. If necessary they will be installed or replaced by a Honda dealership.
148	Upon repair, the Power Control Module will be reprogrammed with modified software.
149	The ignition coil will be replaced by a Honda dealership.
150	The PCM will be updated with a correct programming by a Acura dealership.

	V
141	FCA US provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to FCA US LLC
142	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
143	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
144	FCA US provides the U.S. VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this updated information to FCA US whi
145	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
146	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
147	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
148	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
149	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
150	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.

	W
141	None.
142	Volkswagen Group of America warranty records will be reviewed by the servicing Volkswagen and Audi dealers to determine if the customer¿s vehicle meets the parameters of the subject warranty extension program.
143	Not applicable.
144	None.
145	Not applicable.
146	Eligibility for this program is not conditioned upon proper maintenance or use.
147	No pre-conditions exist. Repair will be made free-of-charge.
148	There will be no restrictions on eligibility.
149	No pre-conditions exist. Repair will be made free-of-charge.
150	No pre-conditions exist. Repair will be made free-of-charge.

	X
141	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.
142	All authorized Volkswagen and Audi dealers will be notified of this program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue.
143	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
144	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.
145	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
146	See Owner Notification Letter.
147	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
148	As all Mazda dealers were provided with instructions and necessary software for repair prior to sending the owner notification letter scheduled on August 25, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
149	Call any authorized Honda dealer and make an appointment to have your vehicle repaired.
150	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Acura dealer and make an appointment to have the vehicle repaired.

	Y
141	None.
142	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
143	Not applicable.
144	None.
145	Not applicable.
146	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
147	Work can only be performed by an authorized Honda dealership.
148	Repair work will be performed only by authorized Mazda dealers.
149	Work can only be performed by an authorized Honda dealership.
150	Work can only be performed by an authorized Acura dealership.

	Z
141	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.
142	Affected authorized Volkswagen and Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
143	New parts are provided to all authorized BMW centers via our service network.
144	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.
145	New parts are provided to all authorized BMW centers via our service network.
146	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers. Dealers are to obtain parts for this repair through the Special Service Support Center.
147	A supply of parts needed to complete the repair will be ordered. Emission labels are controlled and will be available to dealers upon call in and VIN confirmation. An initial quantity of Air Conditioner Information labels will be provided to dealers with additional labels available through dealer order.
148	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
149	A supply of parts needed to complete the repair will be ordered.
150	Software update, no parts required.

	AA
141	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.
142	Forwarding Letter - CBI
143	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193. Other documents included: - Recall Plan (includes Customer Notification Letter and Technical Service Bulletin)
144	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.
145	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)
146	
147	Related Documents: Customer Notification Honda Technical Service Bulletin 15-053
148	
149	Related Documents: Customer Notification Honda Service Bulletin 15-060
150	Attachments: Acura Product Update TBS 15-024 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.

	AB	AC	AD
141	None.		4329
142	Not applicable		4330
143	Emissions impact possible.		4331
144	None.		4332
145	Emissions may exceed the standard.		4333
146	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4345
147	None.		4405
148	There is no impact on fuel economy.		4426
149	N/A		4465
150	None		4485

	AE	AF	AG	AH
141		2	Y	N
142		3	Y	N
143		1	Y	N
144		2	Y	N
145		1	Y	N
146		3	Y	Y
147		2	Y	N
148		4	Y	Y
149		2	Y	N
150		1	Y	N

	AI	AJ	AK	AL
141	N	N	178838	None.
142	N	Y	179152	Not applicable
143	N	Y	179186	Drivablity might be affected.
144	N	N	179457	None.
145	N	Y	179835	Driveability may be affected.
146	N	N	181941	Ford engineering judgment indicates that the corrective action should not affect drivability.
147	N	N	184150	None.
148	Y	N	184505	There is no impact on driveability.
149	N	N	186426	N/A
150	N	N	186608	None

	AM	AN	AO	AP	AQ
141	None.	N	4075	0	1509
142	Not applicable	N	4076	0	0010
143	Safety is not affected.	Y	4077	1	0093
144	None.	N	4078	0	1505
145	This repair has no adverse impact on safety.	Y	4079	1	0066
146	Ford engineering judgement indicates that the corrective action should not affect safety.	N	4090	0	1407
147	The correct Air Conditioner Information label will have the correct information needed for appropriate and safe vehicle maintenance.	Y	4150	0	0061
148	There is no impact on safety.	N	4171	0	0232
149	N/A	Y	4210	0	0062
150	None	Y	4230	0	0052

	AR	AS	AT
141	Y	7/1/2015	1
142	Y	8/4/2015	1
143	N		1
144	Y	7/10/2015	1
145	N		1
146	Y		1
147	N	9/21/2015	1
148	Y	8/26/2015	1
149	N	11/2/2015	1
150	N	9/28/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
151	13859	9/23/2015	HNX	PUDR-15-003	Light-Duty Vehicles and Trucks	7733	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864	
152	13860	9/25/2015	FMX	15E03	Light-Duty Vehicles and Trucks	74072	Y					Mr Eric Hunsanger	ehunsang@ford.com	313-399-3858	
153	13861	9/25/2015	GMX	1278	Light-Duty Vehicles and Trucks	3970	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
154	13862	9/28/2015	NSX	FOI_NSX_VER_0019_BD_	Light-Duty Vehicles and Trucks	5458	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
155	13876	10/2/2015	HNX	VERR-15-014	Light-Duty Vehicles and Trucks	200	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864	
156	13890	10/12/2015	GMX	1284	Light-Duty Vehicles and Trucks	71193	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
157	13891	10/13/2015	ADX	AD-0013	Light-Duty Vehicles and Trucks	174537	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202	n/a
158	13894	10/15/2015	GMX	1283	Light-Duty Vehicles and Trucks	203	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2486856046	
159	13937	10/27/2015	CRX	R24	Light-Duty Vehicles and Trucks	78799	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
160	13975	11/6/2015	VWX	VW-0014	Light-Duty Vehicles and Trucks	40609	Y					Mr Eric Guenther	eric.guenther@vw.com	248-754-5943	n/a
161	13977	11/6/2015	ADX	AD-0011	Light-Duty Vehicles and Trucks	80249	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202	n/a
162	13991	11/8/2015	TKX	1007	Light-Duty Vehicles and Trucks	14406	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093	

	P	Q	R	S
151	On-Board Diagnostic (OBD) System	9/18/2015	2015	10
152	Computer Related (Other than OBD)	9/3/2015	2015	1503
153	Fuel Tank Component	9/30/2015	2015	1278
154	Fuel Tank Component	9/28/2015	2015	19
155	Emission Control Information Label	11/6/2015	2015	14
156	Computer Related (Other than OBD)	10/12/2015	2015	1284
157	Crankcase Ventilation Component/System	10/19/2015	2015	13
158	Fuel Tank Component	10/15/2015	2015	1283
159	Electrical, Mechanical and Cooling Systems	10/21/2015	2015	1524
160	Fuel Delivery System	11/11/2015	2015	14
161	Fuel Delivery System	11/11/2015	2015	11
162	Evaporative Emissions Systems	10/20/2015	2015	1007

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151	Under idling stop conditions, the OBD system may falsely detect a malfunction of the "Functional Failure of the Pressure Regulator Output Stages in the TCU".
152	On certain hybrid and plug-in hybrid vehicles that have received a reflash in service, a specific driving pattern of greater than 3500 RPM and low torque requests (such as a tip-out after merging onto a highway) can result in Keep-Alive Memory (KAM) being cleared as a table in memory is over-written. No vehicles were built with th
153	A molding defect in the outlet port of the fuel tank pump module results in a locally thin wall section. This surface may crack as a result of severe durability exposure.
154	NHTSA preformed an NCAP test on a MY16 Maxima and after the crash test was conducted, NHTSA observed a fuel leak after the vehicle was rotated 90 degrees. NHTSA informed Nissan and Nissan immediately began an investigation into the issue. Nissan has determined that certain MY16 Maxima and Altima V6 vehicles might contain fuel tanks with an out-of-specification dimension at the opening for the fuel sending unit. As a result, if this condition is present, the H-seal between the sending unit and fuel tank can possibly displace during a severe frontal crash. This can increase the potential risk of a fuel leak in the event of a crash. Fuel and/or vapor leak has only been seen after a significant delta V incident in which the fuel sending unit is displaced - such an impact would damage the vehicle to the point of being inoperable. Nissan is continuing to investigate the number of potentially affected Altima 3.5 vehicles and whether this issue possibly affects other Nissan vehicles equipped with similar fuel tank designs. Once information is available, Nissan will provide further updates in a timely manner, as needed.
155	Some vehicles were produced with the incorrect Vehicle Emission Control Information label.
156	The design of the fuel control system for certain 2009-2011 Buick Lucerne vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected tail pipe emission performance under conditions represented on the FTP emissions test during surveillance and in use testing.
157	Part description: Crankcase pressure regulating valve (PCV) Part numbers involved: 06H 103 495 E / J / K / N (Production part numbers) 06H 103 495 AE (Production and warranty replacement part number) 06H 198 542 A (Warranty replacement improved kit part number) On certain Audi vehicles with 2.0L TFSI engine, the diaphragm of the crankcase pressure regulating valve may have been either cracked or torn. This damage can be a result of poor fuel quality that can damage the diaphragm material.
158	General Motors has identified a potential defect on some Chevrolet Trax / Chevrolet Tracker vehicles where the mounting ring for the fuel pump module may be improperly molded into the plastic fuel tank shell. Vehicles built with this defect have the potential to develop small liquid fuel leaks or fuel vapor leaks at the top of the
159	Some 2015 MY Chrysler 200 vehicles may have been produced with spread terminals within the C4 Connector relating to the Power Distribution Center, which may result in a stall (Pin 18) or neutral event (Pin 15), illuminating the Malfunction Indicator Light.
160	Low Bank 1¿ will be stored in the ECM. A vehicle with this condition will not pass an IM (emissions) inspection. Improved SW part number / levels (Service Action): 06J997028J 1495 06J997028K 1496 06J997028N 1499 06J997028P 1500 06J997029R 1521 06J997029N 1518 06J997029P 1519 06J997029M 1517 1K0907115AS 0040 1K0907115AT 0040 06J997029D 1509 06J997029E 1510 06J997029B 1507 06J997029C 1508 06J997029J 1514 06J997029K 1515 06J997029L 1516 06J997029F 1511 06J997029H 1513 06J997029G 1512 06J997028Q 1501 06J997028R 1502 06J997028S 1503
161	Low Bank 1¿ will be stored in the ECM. A vehicle with this condition will not pass an IM (emissions) inspection. Improved SW part number / levels (Service Action): 06J997028J 1495 06J997028K 1496 06J997028N 1499 06J997028P 1500 06J997029R 1521 06J997029N 1518 06J997029P 1519 06J997029M 1517 1K0907115AS 0040 1K0907115AT 0040 8P0907115BB 0020 8P0907115BC 0020 06J997029D 1509 06J997029E 1510 06J997029B 1507 06J997029C 1508 06J997029J 1514 06J997029K 1515 06J997029L 1516 06J997029F 1511 06J997029H 1513 06J997029G 1512 06J997028Q 1501
162	Sealing performance of some shut-off-valves in the fuel tank may be insufficient due to improper installation of the cap on the shut-off-valve body. Under the condition, while refilling the fuel tank or by the fuel movement when driving, fuel may be able to flow through the shut-off-valve into the evaporative breather pipe and into t

	U
151	The PCM and/or TCU will be updated with a correct programming by a Acura dealership.
152	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
153	General Motors will initiate a voluntary emission recall to replace the fuel tank pump module on the 2012 - 2013 Chevrolet Caprice police vehicles. General Motors will install an improved service part that has improved wall thickness. All owners of record will be notified in writing about the Voluntary Emissions Recall.
154	Nissan will begin remedying the subject vehicles by installing a retainer ring in the sending unit/tank interface to help the H-seal to seat properly between the fuel tank and the fuel sending unit. This will prevent potential H-seal movement in a crash.
155	The Vehicle Emission Control Information Label will be inspected, and if necessary, replaced by a Acura dealership.
156	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for certain 2009-2011 Buick Lucerne vehicles with 3.9L engines.
157	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to inspect and, if necessary, install a repair kit for the crankcase pressure regulating valve.
158	General Motors will initiate a voluntary emission recall to replace the fuel tank assembly on the affected 2015 Chevrolet Trax vehicles. All owners of record will be notified in writing about the Voluntary Emissions Recall.
159	FCA US will conduct an emission related voluntary Safety Recall (R24) on all affected vehicles, to either replace the C4 connector using a 12 wire splice kit for vehicles equipped with a 3.6L engines or replace the transmission wiring harness on vehicles equipped with a 2.4L engine.
160	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to update ECM Software levels in the affected vehicles. An Extended Warranty program (10years / 120,000miles) will be released for replacement of the Injection Pump. All authorized Volkswagen dealers will be notified of this Service Action and Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about November 11th, 2015 Customer Notification: On or about November 11th, 2015
161	Volkswagen Group of America, Inc. will pro-actively release an Emissions Service Action (with customer notification) to update ECM Software levels in the affected vehicles. An Extended Warranty program (10years / 120,000miles) will be released for replacement of the Injection Pump. All authorized Volkswagen and Audi dealers will be notified of this Service Action and Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about November 11th, 2015 Customer Notification: On or about November 11th, 2015
162	Mazda inspects the shut off valve and replace the charcoal canister and fuel tank component with the good ones.

	V
151	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
152	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
153	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
154	RL Polk
155	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
156	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
157	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
158	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
159	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
160	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
161	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
162	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.

	W
151	No pre-conditions exist. Repair will be made free-of-charge.
152	Eligibility for this program is not conditioned upon proper maintenance or use.
153	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
154	None required
155	No pre-conditions exist. Repair will be made free-of-charge.
156	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
157	There are no maintenance or eligibility requirements.
158	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
159	None.
160	Not applicable.
161	Not applicable.
162	There will be no restrictions on eligibility.

	X
151	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Acura dealer and make an appointment to have the vehicle repaired.
152	See Owner Notification Letter.
153	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
154	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the safety recall owner notification letter.
155	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Acura dealer and make an appointment to have the vehicle repaired.
156	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
157	All authorized Audi dealers will be notified of this Service Action, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 20th, 2015 Customer Notification: On or about October 20th, 2015
158	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
159	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
160	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action and Extended Warranty program on or about November 1th, 2015. Affected Volkswagen owners will be mailed a notification of this action on or about November 11th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
161	Affected authorized Volkswagen and Audi dealers will receive notification and detailed information about this Service Action and Extended Warranty program on or about November 11th, 2015. Affected Volkswagen owners will be mailed a notification of this action on or about November 11th, 2015. Enclosed are examples of Service Circulars and Customer Letters.
162	As all Mazda dealers was provided with instructions prior to sending the owner notification letter. Owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealers.

	Y
151	Work can only be performed by an authorized Acura dealership.
152	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
153	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
154	Only Nissan dealers will be authorized to perform this service.
155	Work can only be performed by an authorized Acura dealership.
156	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
157	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
158	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
159	None.
160	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
161	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
162	Repair work will be performed only by authorized Mazda dealers.

	Z
151	Software update, no parts required.
152	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
153	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
154	The supplier of the retainer ring will ramp up production to help meet demand based on the corrective action. Nissan will continue to closely monitor part supply usage.
155	The parts for this campaign are controlled and are currently available.
156	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
157	Affected authorized Audi dealers will be supplied a sufficient quantity of parts to repair the involved vehicles if needed, through the normal Volkswagen Group parts system.
158	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
159	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
160	This Emissions Service Action contains a software update only, therefore there are no parts allocation. In addition, Volkswagen Group of America will assure a sufficient quantity of parts will be available to replace, as needed, the subject ¿Injection Pump¿ under the Extended Warranty program, through the normal dealer parts system.
161	This Emissions Service Action contains a software update only, therefore there are no parts allocation. In addition, Volkswagen Group of America will assure a sufficient quantity of parts will be available to replace, as needed, the subject ¿Injection Pump¿ under the Extended Warranty program, through the normal dealer parts system.
162	The necessary modified parts for repair are available at any authorized Mazda dealers.

	AA
151	Attachments: Acura Product Update TBS 15-034 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
152	
153	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
154	1. Updated DIR to NHTSA since this is being launched as a voluntary safety recall campaign. 2. Updated Owner Notification Letter (approved by NHTSA on 9/21/2015) - Altima Owner Notification Letter to be approved/sent at a later date Number covered by recall: 5458 Maxima + TBD (Altima V6) Number in dealer inventory: 2803 Maxima (of the 5458 above)
155	Related Documents: Customer Notification Acura Service Bulletin 15-047
156	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
157	Forwarding Letter - CBI
158	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
159	
160	Forwarding Letter - CBI
161	Forwarding Letter - CBI
162	

	AB	AC	AD
151	None		4486
152	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4487
153	The proposed changes have no impact on fuel economy.		4488
154	Fuel economy will not be impacted.		4489
155	None		4505
156	The proposed changes have no impact on fuel economy.		4525
157	Not applicable.		4526
158	The proposed changes have no impact on fuel economy.		4545
159	None.		4566
160	No impact on fuel consumption.		4585
161	No impact on fuel consumption.		4586
162	Mazda judges that the fuel economy will be adversely affected because, in the worst case, fuel may potentially leak from the external vent of the charcoal canister.		4588

	AE	AF	AG	AH
151		1	Y	N
152		3	Y	Y
153		1	N	N
154		2	N	N
155		2	Y	N
156		1	N	N
157		3	Y	N
158		1	N	N
159		2	Y	N
160		4	Y	Y
161		4	Y	Y
162		4	Y	Y

	AI	AJ	AK	AL
151	N	N	186744	None
152	N	N	186991	Ford engineering judgment indicates that the corrective action should not affect drivability.
153	N	N	187086	The proposed changes have no impact on drivability.
154	N	Y	187191	Drivability will not be impacted.
155	N	N	187738	None
156	N	N	188462	The proposed changes have no impact on drivability.
157	N	Y	188695	Not applicable.
158	N	N	188865	The proposed changes have no impact on drivability.
159	N	N	190579	None.
160	N	Y	192163	Possible reduced engine power.
161	N	Y	192170	Possible reduced engine power.
162	Y	N	192342	Mazda judges that the drivability will be adversely affected when this condition is present due to rough idle and/or engine stall.

	AM	AN	AO	AP	AQ
151	None	Y	4231	0	0054
152	Ford engineering judgement indicates that the corrective action should not affect safety.	N	4232	0	1507
153	The proposed changes have no impact safety.	N	4233	1	1278
154	This is being conducted as a voluntary safety recall campaign to improve customer safety in the rare event of a crash.	N	4234	2	0053
155	None	Y	4250	0	0065
156	The proposed changes have no impact safety.	N	4270	1	1284
157	Not applicable.	N	4271	0	0047,0073,0079
158	The proposed changes have no impact safety.	N	4290	1	1283
159	None.	N	4311	0	1515
160	Not applicable.	N	4330	0	0027
161	Not applicable.	N	4331	0	0043
162	Mazda judges that the safety will be adversely affected when this condition is present due to engine stall and/or fuel leakage.	N	4333	0	0233

	AR	AS	AT
151	N	9/21/2015	1
152	Y	9/4/2015	1
153	Y		1
154	N	9/29/2015	1
155	N	11/9/2015	1
156	Y		1
157	Y	10/20/2015	1
158	Y		1
159	Y	10/22/2015	1
160	N	11/12/2015	1
161	Y	11/12/2015	1
162	Y	10/21/2015	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
163	13992	11/11/2015	HNX	VERR-15-015	Light-Duty Vehicles and Trucks	35406	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864	
164	14016	11/11/2015	TYX	TYX-VERR-20151111-4	Light-Duty Vehicles and Trucks	17801	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
165	14017	11/11/2015	TYX	TYX-VERR-20151111-7	Light-Duty Vehicles and Trucks	10748	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
166	14018	11/11/2015	TYX	TYX-VERR-20151111-10	Light-Duty Vehicles and Trucks	52780	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
167	14019	11/11/2015	TYX	TYX-VERR-20151111-12	Light-Duty Vehicles and Trucks	2488	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
168	14020	11/11/2015	TYX	TYX-VERR-20151111-15	Light-Duty Vehicles and Trucks	101582	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
169	14021	11/11/2015	TYX	TYX-VERR-20151111-16	Light-Duty Vehicles and Trucks	3795	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com

	P	Q	R	S
163	Computer Related (Other than OBD)	11/27/2015	2015	15
164	Evaporative Emissions Systems	6/25/2010	2010	12
165	Electrical, Mechanical and Cooling Systems	10/12/2010	2010	13
166	Computer Related (Other than OBD)	10/27/2011	2011	14
167	Monitoring/Measuring Sensor/System	2/16/2012	2012	15
168	Electrical, Mechanical and Cooling Systems	9/3/2013	2013	18
169	Electrical, Mechanical and Cooling Systems	11/7/2013	2013	19

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163	When the system experiences an FCAN BUS OFF, the system indicators on the gauge cluster do not turn on and the gauge needles do not return to home position.
164	After having been struck from the rear at a speed of 50 miles per hour in a test under the provisions of FMVSS No. 301, a 2010 Model Year Lexus HS 250h vehicle leaked more fuel than allowed by the standard when it was rotated on its driver¿s side. This occurred because interaction with a body panel edge during the test caused deformation of the fuel cap. If the vehicle is involved in a rear end collision where the fuel cap is damaged and the vehicle rolls over, fuel spillage may occur. Fuel spillage in the presence of an ignition source may lead to a vehicle fire.
165	On certain 2010 model year Corolla and Corolla Matrix vehicles equipped with the 2ZR-FE engine, that were assembled in North America, the Engine Accessory Belt might have been improperly manufactured. On a small number of these vehicles, there is a possibility that the belt may prematurely deteriorate and detach from the pulleys. This condition will cause abnormal noises from the engine compartment, as well as illumination of the Malfunction Indicator Light (MIL) and/or charging (battery) system warning light. If the vehicle is continually operated under this condition, the engine might overheat.
166	On certain 2008 ¿ 2009 model year Scion xB vehicles, there is a possibility that under high temperature conditions a crack may develop at certain solder points which secure capacitors to the circuit board of the ignition coil. If a crack occurs at these certain solder points, the check engine light (MIL) could be illuminated, rough idling and a reduction in engine power may result. If this condition occurs one or more of Diagnostic Trouble Codes (DTCs) P0351, P0352, P0353, and P0354 will be recorded.
167	This Customer Satisfaction Campaign (CSC) has been launched on certain 2013 model year GS 350 vehicles to reflash the Engine Control Module (ECM) calibration. The reflash will eliminate a momentary sensation that some drivers may consider unusual following the upshift into 3rd gear while in the Economy (¿ECO¿) mode.
168	The engines in the subject vehicles are equipped with a Variable-Valve Timing (VVT) system which controls the camshafts to provide optimal valve timing under certain driving conditions. The bolts used to secure the housing and sprocket of the intake-side VVT gear assembly could become loose due to abnormal impacts generated within the gear assembly immediately after a cold start-up. If this occurs, the VVT gear will not control the intake valves correctly. In certain cases, the VVT gear housing and sprocket could separate and result in the engine stopping while the vehicle is being driven, increasing the risk of a crash.
169	The engines in the involved vehicles contain valve springs which could have been produced with corrosive pitting on the surface of the spring, due to improper maintenance of manufacturing equipment by one of two suppliers. The corrosive pitting could lead to fatigue cracks, which could result in breakage of the valve spring over time. If this occurs, the driver could notice an abnormal noise and rough engine performance. In some cases, the engine could fail and stop while the vehicle is being driven, increasing the risk of a crash.

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163	The software in the gauge control module will be updated by a Honda dealership.
164	Lexus dealers are requested to install a newly designed fuel cap/inlet protector at no charge to the vehicle owner.
165	Toyota dealers are requested to inspect the Engine Accessory Belt and if applicable replace it at no charge to the customer.
166	Toyota dealers are requested to replace the ignition coils at no charge to the customer.
167	Lexus dealers are requested to reflash the Engine Control Module (ECM) at no charge to the vehicle owner.
168	Lexus dealers will replace the intake VVT actuator gears at no charge to the vehicle owner. For additional information on the repair procedures, please refer to TIS.
169	Authorized Toyota dealers will replace the engine valve springs at no charge to the vehicle owner.

	V
163	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
164	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
165	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
166	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
167	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
168	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
169	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	W
163	No pre-conditions exist. Repair will be made free-of-charge.
164	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
165	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
166	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
167	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
168	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
169	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.

	X
163	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
164	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
165	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
166	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
167	All known owners of affected vehicles have been notified via first class mail that there is a special service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
168	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
169	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.

	Y
163	Work can only be performed by an authorized Honda dealership.
164	Any authorized Lexus dealership.
165	Any authorized Toyota dealership.
166	Any authorized Toyota dealership.
167	Any authorized Lexus dealership.
168	Any authorized Lexus dealership.
169	Any authorized Toyota dealership.

	Z
163	This is a software update for the combination meter. No parts are required. The software is ready and available.
164	Parts are available for this campaign
165	Parts are available for this campaign
166	Parts are available for this campaign
167	There is no part replacement since this is a software update.
168	Parts are available for this campaign.
169	Parts are available for this campaign.

	AA
163	Related Documents: Customer Notification Honda Service Bulletin 15-073
164	Toyota VERR letter 'TYX-VERR-20151111-4' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
165	Toyota VERR letter 'TYX-VERR-20151111-7' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
166	Toyota VERR letter 'TYX-VERR-20151111-10' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
167	Toyota VERR letter 'TYX-VERR-20151111-12' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
168	Toyota VERR letter 'TYX-VERR-20151111-15' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
169	Toyota VERR letter 'TYX-VERR-20151111-16' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AB	AC	AD
163	None		4589
164	No impact on fuel consumption.		4625
165	No impact on fuel consumption.		4626
166	No impact on fuel consumption.		4627
167	No impact on fuel consumption.		4628
168	No impact on fuel consumption.		4629
169	No impact on fuel consumption.		4630

	AE	AF	AG	AH
163		2	Y	N
164		1	N	N
165		1	N	N
166		1	N	N
167		1	N	N
168		1	N	N
169		1	N	N

	AI	AJ	AK	AL
163	N	N	192742	None
164	N	Y	193352	No impact on driveability.
165	N	Y	193388	No impact on driveability.
166	N	Y	193399	No impact on driveability.
167	N	Y	193411	No impact on driveability.
168	N	Y	193413	No impact on driveability.
169	N	Y	193415	No impact on driveability.

	AM	AN	AO	AP	AQ
163	None	Y	4350	0	0066
164	No impact on safety.	N	4373	0	0011
165	No impact on safety.	N	4374	0	0014
166	No impact on safety.	N	4375	0	0025
167	No impact on safety.	N	4376	0	0017
168	No impact on safety.	N	4377	0	0019
169	No impact on safety.	N	4378	0	0022

	AR	AS	AT
163	N	11/30/2015	1
164	N	7/25/2010	1
165	N	11/12/2010	1
166	N	11/27/2011	1
167	N	3/16/2012	1
168	N	10/3/2013	1
169	N	12/7/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
170	14023	11/11/2015	TYX	TYX-VERR-20151111-20	Light-Duty Vehicles and Trucks	794725	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
171	14024	11/11/2015	TYX	TYX-VERR-20151111-21	Light-Duty Vehicles and Trucks	916758	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
172	14025	11/11/2015	TYX	TYX-VERR-20151111-22	Light-Duty Vehicles and Trucks	983696	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
173	14026	11/11/2015	TYX	TYX-VERR-20151111-8	Light-Duty Vehicles and Trucks	378296	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
174	14027	11/11/2015	TYX	TYX-VERR-20151111-9	Light-Duty Vehicles and Trucks	2774	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
175	14029	11/17/2015	FPX	0005	Light-Duty Vehicles and Trucks	10458	Y					Ms Suzanne Stuber	suzanne.stuber@cnhind.com	6304812832	brandonbaumgartner@cnhind.com
176	14030	11/11/2015	TYX	TYX-VERR-20151111-13	Light-Duty Vehicles and Trucks	41686	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com

	P	Q	R	S
170	Electrical, Mechanical and Cooling Systems	10/2/2014	2014	20
171	Electrical, Mechanical and Cooling Systems	8/1/2014	2014	21
172	Electrical, Mechanical and Cooling Systems	10/30/2014	2014	22
173	Electrical, Mechanical and Cooling Systems	11/22/2010	2010	25
174	Electrical, Mechanical and Cooling Systems	9/29/2011	2011	26
175	Crankcase Ventilation Component/System	11/23/2015	2015	5
176	Electrical, Mechanical and Cooling Systems	4/24/2012	2012	16

	T
170	The subject vehicles may exhibit a brief intermittent shudder during torque converter flex lock up. This shudder may be observed while driving under light throttle conditions between approximately 25 ¿ 50 mph. Toyota has developed new Engine Control software logic to help prevent this condition from occurring.
171	In these vehicles, Toyota/Lexus has received some reports where vehicles can experience an oil leak or seep from the Engine Oil Cooler Pipe.
172	In these vehicles, Toyota has received some reports where vehicles may exhibit a brief intermittent shudder during torque converter flex lock up. This shudder may be observed while driving under light throttle conditions between approximately 25 ¿ 50 mph.
173	On 2004 through certain 2007 model year Prius vehicles, there is a possibility that the coil wire of the electric motor installed in the Water Pump for the Hybrid System might have been scratched during the coiling manufacturing process at the supplier. In this condition, the coil wire might corrode at the scratched portion and in some cases break. If this occurred, the water pump could stop, leading to the illumination of various warning lights in the instrument panel. There is also the potential that a short circuit could occur between adjacent coil wires, resulting in an open fuse for the electric power supply circuit. If the fuse is open, the hybrid system would stop while the vehicle was being driven, which may increase the risk of a crash.
174	On certain 2011 model year CT200h vehicles, the engine and hybrid system may have been filled with an improper mixture of coolant (Super Long Life Coolant). Effects of incorrect coolant could include: Poor thermal absorption (Poor cooling/heating performance); cooling system durability could decrease or system corrosion may occur.
175	Investigation as to the number of confirmed PCV filter failed have shown the following failure modes: ¿ Clogging of filter itself ¿ Freezing of condensed water ¿ Filter cover misalignment In most cases this would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs). In some cases the PCV filter would be replaced simply because of evidence of oil presence into intake or exhaust line that can be considered normal within certain limits.
176	There is a possibility that the exhaust gas control actuator may develop a coolant leak. If a coolant leak occurs, the Water Temp Indicator Lamp and Check Engine Lamp will illuminate. If the above warning lamps illuminate, the driver should pull over, and contact an authorized Lexus or Toyota dealer for diagnosis and repair. Continued operation of the vehicle with insufficient levels of coolant will cause the engine to overheat.

	U
170	Authorized Toyota dealerships are requested to perform a software update at no charge to the vehicle¿s owner.
171	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to a leaking or seeping Engine Oil Cooler Pipe. If the condition is verified, the vehicle will be repaired with a new Engine Oil Cooler Pipe under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until January 31, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
172	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for repairs related to Torque Converter Shudder. If the condition is verified, the vehicle will be repaired with a new torque converter, additional transmission pan magnets, and updated engine control software under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until April 30, 2016 with no mileage limitation. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 8 years from the date of first use or 150,000 miles, whichever occurs first. Note: Owners of vehicles also covered by Limited Service Campaign (LSC) E03 for U760E Torque Converter Shudder must have the LSC performed prior to application of this Warranty Enhancement Program. Please see your local Toyota dealer for details.
173	Toyota dealers are requested to replace the HV Water Pump at no charge to the customer.
174	Lexus dealers are requested to drain the engine/hybrid system coolant and replace it with the proper mixture Super Long Life Coolant at no charge to the customer.
175	On each affected vehicle, an improved cold weather kit (CWK) will be installed and the PCV filter will be replaced. If the vehicle already has a cold weather kit installed, it will be updated with improved components PCV system components including a PCV cover heating element, a cross over tube heating element and a cross over
176	Dealers are requested to replace the exhaust gas control actuator at no charge to the customer.

	V
170	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
171	R.L. POLK and Lexus and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
172	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
173	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
174	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
175	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notofication will be sent via First Class mail.
176	R.L. POLK and Toyota and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	W
170	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
171	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
172	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
173	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
174	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
175	No specific restrictions to prevent eligibility for this remedial action.
176	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.

	X
170	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
171	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus and Toyota dealer for the repair in accordance with the published Lexus and Toyota Campaign Procedure
172	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
173	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
174	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
175	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
176	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota and Lexus dealer for the repair in accordance with the published Toyota and Lexus Campaign Procedure.

	Y
170	Any authorized Toyota dealership.
171	Any authorized Lexus and Toyota dealership.
172	Any authorized Toyota dealership.
173	Any authorized Toyota dealership.
174	Any authorized Lexus dealership.
175	None other than Mitsubishi Fuso Authorized Dealers or their agents.
176	Any authorized Toyota or Lexus dealership.

	Z
170	There is no part replacement since this is a software update.
171	Parts are available to address this campaign.
172	Parts are available to address this campaign.
173	Parts are available for this campaign
174	Parts are available to address this campaign
175	As of the date of this submission, Mitsubishi Fuso has in stock approximately 30% of the parts necessary for the cold weather kit recall and has placed orders for an additional 40% of the necessary parts. Each dealer will receive an initial shipment of parts to cover 20% of the dealer¿s affected vehicles and will receive automatic s
176	Parts are available for this campaign.

	AA
170	Toyota VERR letter 'TYX-VERR-20151111-20' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
171	Toyota VERR letter 'TYX-VERR-20151111-21' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
172	Toyota VERR letter 'TYX-VERR-20151111-22' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
173	Toyota VERR letter 'TYX-VERR-20151111-8' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
174	Toyota VERR letter 'TYX-VERR-20151111-9' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
175	
176	Toyota VERR letter 'TYX-VERR-20151111-13' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AB	AC	AD
170	No impact on fuel consumption.		4631
171	No impact on fuel consumption.		4632
172	No impact on fuel consumption.		4633
173	No impact on fuel consumption.		4634
174	No impact on fuel consumption.		4635
175	There are no expected impacts to fuel economy.		4637
176	No impact on fuel consumption.		4639

	AE	AF	AG	AH
170		1	N	N
171		1	N	N
172		1	N	N
173		1	N	N
174		1	N	N
175		7	Y	Y
176		1	N	N

	AI	AJ	AK	AL
170	N	Y	193582	No impact on driveability.
171	N	Y	193838	No impact on driveability.
172	N	Y	193899	No impact on driveability.
173	N	Y	193901	No impact on driveability.
174	N	Y	193903	No impact on driveability.
175	Y	N	193907	There are no expected impacts to drivability.
176	N	Y	194066	No impact on driveability.

	AM	AN	AO	AP	AQ
170	No impact on safety.	N	4379	0	0026
171	No impact on safety.	N	4380	0	0020
172	No impact on safety.	N	4381	0	0027
173	No impact on safety.	N	4382	0	0021
174	No impact on safety.	N	4383	0	0015
175	There are no expected impacts to safety.	N	4385	0	0011
176	No impact on safety.	N	4387	0	0018

	AR	AS	AT
170	N	11/2/2014	1
171	N	9/1/2014	1
172	N	11/30/2014	1
173	N	12/22/2010	1
174	N	10/29/2011	1
175	Y		1
176	N	5/24/2012	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
177	14032	11/11/2015	TYX	TYX-VERR-20151111-23	Light-Duty Vehicles and Trucks	1940401	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
178	14034	11/11/2015	TYX	TYX-VERR-20151111-19	Light-Duty Vehicles and Trucks	143043	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
179	14035	11/19/2015	TYX	Toyota-VERR-20151120	Light-Duty Vehicles and Trucks	170172	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
180	14041	11/20/2015	NSX	FOI_NSX_VER_0020_BD_	Light-Duty Vehicles and Trucks	5650	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
181	14058	11/24/2015	CRX	R57	Light-Duty Vehicles and Trucks	75458	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
182	14060	11/11/2015	TYX	TYX-VERR-20151111-6	Light-Duty Vehicles and Trucks	60178	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
183	14061	11/11/2015	TYX	TYX-VERR-20151111-5	Light-Duty Vehicles and Trucks	138874	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
184	14062	11/11/2015	TYX	TYX-VERR-20151111-11	Light-Duty Vehicles and Trucks	170785	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
185	14078	11/11/2015	TYX	TYX-VERR-20151111-17	Light-Duty Vehicles and Trucks	3202094	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com

	P	Q	R	S
177	Electrical, Mechanical and Cooling Systems	12/16/2014	2014	23
178	Electrical, Mechanical and Cooling Systems	8/8/2014	2014	27
179	Catalyst/Aftertreatment Component/System (non-diesel engine)	11/9/2015	2015	28
180	Emission Control Information Label	11/16/2015	2015	20
181	Electrical, Mechanical and Cooling Systems	11/23/2015	2015	1557
182	Fuel Delivery System	10/21/2010	2010	29
183	Ignition Component	7/6/2010	2010	30
184	Computer Related (Other than OBD)	3/16/2011	2011	31
185	Computer Related (Other than OBD)	8/1/2013	2013	32

	T
177	Toyota, Scion and Lexus have received some reports where vehicles may exhibit excessive engine oil consumption.
178	On certain vehicles equipped with a 2GR-FE (V6) engine, the rubber portion of the oil supply hose for the VVT-i actuator may degrade over time. This condition may cause oil to leak from the VVT-i oil hose producing abnormal engine noise and the oil pressure light to illuminate. This is an extension of the original 90K/9LH LSC for vehicles that were not previously completed prior to the expiration date.
179	Under certain conditions the catalyst mat that retains the catalyst substrate in place within the catalyst shell provides insufficient retention and allows the substrate to move within the catalyst shell. As the substrate moves within the shell, it may rattle against the shell causing a loud noise and/or catalyst damage. The M.I.L.
180	Nissan has determined that some MY16 Maxima vehicles might contain Warranty Information Booklets that are missing certain information related to the Long-Term Emission System Defects Warranty Parts List in the California Vehicle Emission Control Warranties section. Nissan dealers' ability to correctly apply emission warranty during service/repair has not been affected.
181	Some 2015 model year 2.4L Jeep Cherokee vehicles may have an A/C suction hose that could be misrouted, coming in contact with exhaust heat shield, and, in some cases, cause the hose to melt and leak refrigerant.
182	Toyota initiated a Limited Service Campaign (LSC) to install the newly designed Smart Stop Technology on 2008 through certain 2010 model year Sequoia vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedals at certain speeds and driving conditions. The braking s
183	Toyota initiated a Safety Recall on certain 2006-2008 MY Lexus IS350, GS350, GS450H, GS460, LS460 and LS600h vehicles. On certain Lexus GS, IS, and LS vehicles there is a possibility that the engine valve springs might break. If one of the springs in the engine breaks, abnormal noise and rough engine performance will be noticed. In the worst case, the engine could fail and stop suddenly while the vehicle is in motion, increasing the risk of a crash.
184	Toyota initiated an extended warranty campaign on certain 2005MY Toyota Sienna vehicles. When accessing the Vehicle Identification Number (VIN) stored in the ECM memory on certain 2005 model year Sienna vehicles, the first two digits may be missing or incorrect. Not all vehicles in this range will exhibit this condition. In addition, the VIN stored in the ECM is used only in certain select operations, for example during vehicle emissions testing in specific states. To minimize customer inconvenience while assuring customer satisfaction, Toyota offered this Emission Control Warranty Extension to correct the stored VIN as needed.
185	Toyota initiated a Limited Service Campaign on certain 2003 - 2010 MY Toyota and Lexus vehicles. As part of the MDL settlement (Class Action Settlement for Unintended Acceleration), Toyota/Lexus will install Smart Stop Technology on the listed model and model year vehicles. This feature will cut engine power in case of simultaneous application of both the accelerator and brake pedal at certain speeds and in certain driving conditions.

	U
177	This Warranty Enhancement Program provides a Primary and Secondary coverage extension to the vehicle¿s ¿New Vehicle Limited Warranty¿ for part replacement related to Excessive Engine Oil Consumption. If the condition is verified, necessary parts will be replaced in accordance with the applicable Technical Service Bulletin under the terms of this Warranty Enhancement Program. ¿ The Primary Coverage offers warranty enhancement until October 31, 2016, regardless of mileage. ¿ After the Primary Coverage period ends, the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
178	Authorized dealerships are requested to replace the VVTi Oil Hose at NO CHARGE to the vehicle¿s owner.
179	All known owners of affected vehicles will be notified via first class mail that there is a special service campaign for replacement of the exhaust pipe with catalytic converters.
180	Nissan will mail a Warranty Information Booklet supplement card to California and Section 177 State customers of the affected vehicles. This supplement card will contain the proper warranty information related to the Long-Term Emission System Defects Warranty Parts List.
181	FCA US will conduct an emission-related Voluntary Safety Recall (R57) on all affected vehicles to inspect for misrouted A/C suction discharge lines, and replace those found to be misrouted.
182	Any authorized Toyota dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.
183	Lexus dealers will be requested to install newly designed valve springs at no charge to the vehicle owner.
184	Toyota is offering an Customer Support Program (CSP) on the ECM for this specific condition. The CSP is offered for a period of 15 years or 150,000 miles from the vehicle¿s in-service date, whichever occurs first, for incorrect VIN storage in the ECM memory. If the condition is verified, Toyota dealer will rewrite the correct VIN to the
185	Any authorized dealer will update the ECM with Smart Stop Technology at no charge to the vehicle owner.

	V
177	R.L. POLK and Toyota, Scion and Lexus Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
178	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
179	R.L. POLK and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
180	RL Polk
181	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
182	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
183	R.L. POLK and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
184	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
185	R.L. POLK and Lexus and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.

	W
177	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
178	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
179	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
180	None required
181	None.
182	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
183	No special conditions are required for eligibility of repair under this safety recall campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
184	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
185	No special conditions are required for eligibility of repair under this limited service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.

	X
177	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota, Scion or Lexus dealer for the repair in accordance with the published Toyota, Scion and Lexus Campaig
178	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus or Toyota dealer for the repair in accordance with the published Lexus/Toyota Campaign Procedure.
179	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
180	Vehicle owners will receive the Warranty supplement card via US mail. No dealer service procedure will be needed.
181	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
182	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
183	All known owners of affected vehicles have been notified via first class mail that there is a safety recall campaign. The notification letter included a recommendation that the owners take their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
184	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
185	All known owners of affected vehicles have been notified via first class mail that there is a limited service campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.

	Y
177	Any authorized Toyota, Scion or Lexus dealership.
178	Any authorized Lexus or Toyota dealership.
179	The repair will be performed at Toyota dealerships only, and will take approximately 1.5 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make their vehicles available for a longer period of time.
180	N/A
181	None.
182	Any authorized Toyota dealership.
183	Any authorized Lexus dealership.
184	Any authorized Toyota dealership.
185	Any authorized Toyota or Lexus dealership.

	Z
177	Parts are available for this extended warranty campaign.
178	Parts are available for this campaign.
179	There is sufficient inventory of the replacement parts to accommodate this campaign.
180	The supplier of the warranty information material will print an adequate number of supplement cards to meet the demand for this corrective action.
181	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
182	There is no part replacement since this is a software update.
183	Parts are available for this campaign.
184	There is no part replacement since this is a software update.
185	There is no part replacement since this is a software update.

	AA
177	Toyota VERR letter 'TYX-VERR-20151111-23' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
178	Toyota VERR letter 'TYX-VERR-20151111-19' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
179	Toyota-VERR-20151120 letter, which contains dealer letter, sample owner letter, owner Q&A and Technical Instructions for this Special Service Campaign.
180	Please note that the "Problem Category" was selected as Emission Control Information Label due to limited options, however this issue does NOT affect the Vehicle's label, only the Warranty Information Booklet contained in the new vehicle literature kit installed at the port.
181	
182	Toyota VERR letter 'TYX-VERR-20151111-6' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
183	Toyota VERR letter 'TYX-VERR-20151111-5' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
184	Toyota VERR letter 'TYX-VERR-20151111-11' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
185	Toyota VERR letter 'TYX-VERR-20151111-17' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.

	AB	AC	AD
177	No impact on fuel consumption.		4641
178	No impact on fuel consumption.		4642
179	This repair will not affect fuel consumption.		4643
180	Fuel economy will not be impacted.		4644
181	None.		4645
182	No impact on fuel consumption.		4646
183	No impact on fuel consumption.		4647
184	No impact on fuel consumption.		4648
185	No impact on fuel consumption.		4665

	AE	AF	AG	AH
177		1	N	N
178		1	N	N
179		1	N	N
180		1	Y	N
181		2	Y	N
182		1	N	N
183		1	N	N
184		1	N	N
185		1	N	N

	AI	AJ	AK	AL
177	N	Y	194104	No impact on driveability.
178	N	Y	194195	No impact on driveability.
179	N	Y	194236	This repair will not affect driveability.
180	N	N	194410	Drivability will not be impacted.
181	N	N	194679	None.
182	N	Y	194785	No impact on driveability.
183	N	Y	194858	No impact on driveability.
184	N	Y	194860	No impact on driveability.
185	N	Y	195454	No impact on driveability.

	AM	AN	AO	AP	AQ
177	No impact on safety.	N	4389	0	0028
178	No impact on safety.	N	4390	0	0054
179	This repair will not affect safety.	N	4391	0	0003
180	Safety will not be impacted.	N	4392	1	0055
181	None.	N	4411	0	1510
182	No impact on safety.	N	4412	0	0013
183	No impact on safety.	N	4413	0	0012
184	No impact on safety.	N	4414	0	0016
185	No impact on safety.	N	4430	0	0023

	AR	AS	AT
177	N	1/16/2015	1
178	N	9/8/2014	1
179	N	12/9/2015	1
180	N	11/17/2015	1
181	Y	11/24/2015	1
182	N	11/21/2010	1
183	N	8/6/2010	1
184	N	4/16/2011	1
185	N	9/1/2013	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
186	14121	11/11/2015	TYX	TYX-VERR-20151111-18	Light-Duty Vehicles and Trucks	16920041	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@tema.toyota.com
187	14128	12/11/2015	JLX	J056_VERR	Light-Duty Vehicles and Trucks	19269	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139	
188	14237	12/16/2015	TYX	TYX-VERR-20151216	Light-Duty Vehicles and Trucks	3427701	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@toyota.com
189	14257	12/25/2015	TKX	1008	Light-Duty Vehicles and Trucks	225030	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093	
190	14276	1/5/2016	VGA	VG-0004	Light-Duty Vehicles and Trucks	29441	Y					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208	
191	14278	1/6/2016	CRX	R61	Light-Duty Vehicles and Trucks	274593	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
192	14338	1/21/2016	CRX	R42	Light-Duty Vehicles and Trucks	23552	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
193	14340	1/25/2016	FMX	15E07	Light-Duty Vehicles and Trucks	192	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	

	P	Q	R	S
186	Electrical, Mechanical and Cooling Systems	8/1/2013	2013	33
187	On-Board Diagnostic (OBD) System	12/9/2015	2015	4
188	Electrical, Mechanical and Cooling Systems	2/16/2010	2010	34
189	On-Board Diagnostic (OBD) System	1/18/2016	2016	1008
190	Emission Control Information Label	1/12/2016	2016	4
191	Monitoring/Measuring Sensor/System	12/18/2015	2015	1561
192	Computer Related (Other than OBD)	1/15/2016	2016	1542
193	Computer Related (Other than OBD)	12/28/2015	2015	1507

	T
186	Toyota initiated an Extended Warranty Campaign on several MY Toyota, Lexus and Scion vehicles. On July 24, 2013, a settlement of claims for Economic Loss arising from allegations of unintended acceleration was approved. The settlement includes Toyota¿s agreement to provide a Customer Support Program (¿CSP¿) for 1998-2010 model year (MY) vehicles equipped with an Electronic Throttle Control System (ETCS) to enhance the coverage of certain components.
187	This recall (J056) restores the Vehicle Identification Number (VIN) in the Engine Control Module (ECM) of 2010 and 2011 model year vehicles whose VIN data may have been inadvertently erased as a result of a deficient procedure in the software, which was initially published for recall J038. A corrected procedure was eventually p
188	Toyota initiated a Safety Recall on certain MY Toyota and Lexus vehicles. The defect is the potential for an unsecured or incompatible driver¿s floor mat to interfere with the accelerator pedal and cause it to get stuck in the wide open position. A stuck open accelerator pedal may result in very high vehicle speeds and make it difficult to stop the vehicle, which could cause a crash, serious injury or death. In December of 2015, Toyota issued ¿Emissions Defect Information Report ¿TYX-DIR-20151216¿ on this concern.
189	The PCM(Powertrain control module) monitors a change of crank angle speed in order to detect misfire. However, the impact of fluctuations that occur in cold weather, high engine speed and load is not correctly accounted for in the program for detecting misfire. As a result, the PCM may erroneously detect a misfire despite normal combustion, resulting in illumination of MIL (Malfunction Indicator Light) and activation of a fail safe mode (speed/power reduction). Mazda plans to conduct an emission recall campaign in January, 2016. Upon repair, the PCM is reprogrammed with modified software.
190	Emission Control Label has been printed and installed with "AIR" coding which incorrectly indicates that this vehicle is equipped with a secondary air system. To correct this, a new label has been produced and the "AIR" code has been removed. An updated part number has been applied to this new Emissions Label. Production Part Number: 04E 010 005 D Replacement Number: 04E 010 005 H
191	Some 2012-2015 Dodge Journey vehicles may experience water wicking through the wire harness to the Anti-lock Brake System (ABS) module, which may result in disabling the ABS and/or Electronic Stability Control (ESC) systems. The Malfunction Indicator Lamp (MIL) is illuminated.
192	Some 2013-2015 MY Dodge Dart vehicles may experience failure of the transmission control module internal solder joint(s), which may result in a transmission shift to neutral event (loss of motive power).
193	Some 2016 model year C-Max hybrid vehicles were built with the incorrect calibration loaded into the powertrain control module, due to a releasing error. Vehicles built in the GFMXV02.0VZN test group were programmed with the calibration intended for the GFMXV02.0VZS test group. And conversely, vehicles built in the GFMXV

	U
186	Primary Coverage: All eligible vehicles would receive 3 additional years of coverage against defects in materials or workmanship in covered components from the start of CSP ELT-ELL, regardless of mileage. ¿ 3 Year with NO Mileage Restrictions. Coverage Effective: 08/07/13 ¿ 08/07/16 Secondary Coverage: ¿ After the 3 year Primary Coverage, Secondary Coverage against defects in material and workmanship is applied to the Original Manufacturer¿s Warranty for each covered component up to a limit of 150,000 miles or an additional 10 years, whichever comes first. ¿ Note: After the initial 3 year period, coverage under CSP ELT-ELL ends once the vehicle reaches 150,000 miles.
187	Update the ECM of affected vehicles with vehicle VIN data. For additional details, please refer to the related Technical Bulletin No. J056NAS1.
188	To make it less likely that an unsecured or incompatible driver¿s floor mat can interfere with the accelerator pedal on the affected vehicles, any Toyota or Lexus dealer will remedy the vehicles at no charge. Since the remedy to each model differs, please refer to attached owner notification letters and letters to dealers for the de
189	The PCM will be reprogrammed with modified software.
190	Install applicable emissions labels via Service Action with customer notification.
191	FCA US will conduct an emission-related voluntary Safety Recall (R61) on all affected vehicles, to seal the ground eyelets with dual wall heat shrink, replace the Headlamp and Dash Wiring Harness as required, and replace the ABS Module as necessary.
192	FCA US LLC will conduct an emission related Voluntary Safety Recall (R42) on all affected vehicles, to replace the transmission control module and its mounting bracket.
193	Vehicles will have their PCM updated with the correct calibration to match the test group into which each vehicle was built.

	V
186	R.L. POLK and Toyota/Lexus/Scion Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
187	Jaguar Land Rover North America, LLC has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
188	R.L. POLK and Toyota and Lexus Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
189	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
190	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
191	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
192	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
193	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.

	W
186	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
187	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
188	No special conditions are required for eligibility of repair under this safety recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
189	There will be no restrictions on eligibility.
190	There are no maintenance or eligibility requirements.
191	None.
192	None.
193	Eligibility for this program is not conditioned upon proper maintenance or use.

	X
186	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota/Lexus/Scion dealer for the repair in accordance with the published Toyota/Lexus Campaign Procedure.
187	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
188	All known owners of affected vehicles have been notified via first class mail that there is a safety recall. The notification letter included a recommendation that the owners take their vehicles into any Toyota or Lexus dealer for the repair in accordance with the published Toyota and Lexus Campaign Procedure.
189	As all Mazda dealers was provided with instructions prior to sending the owner notification letter. Owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealers.
190	Customers are asked to take their vehicle to an authorized dealer of the manufacturer to have them install the label as needed, with no additional cost. Affected Volkswagen owners will be mailed a notification of recall on or about January 12th, 2016. Enclosed are examples of Dealer Circulars and Customer Letters
191	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
192	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
193	See Owner Notification Letter.

	Y
186	Any authorized Toyota/Lexus/Scion dealership.
187	All required repairs will be performed by Jaguar dealers.
188	Any Toyota or Lexus dealer will remedy the vehicles at no charge.
189	Repair work will be performed only by authorized Mazda dealers.
190	It is anticipated that all affected vehicles repaired within this campaign will be remedied by authorized dealers of the manufacturer.
191	None.
192	None.
193	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.

	Z
186	Parts are available for this campaign.
187	There are no parts required for this repair.
188	Parts are available for this concern.
189	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
190	A supply of labels will be sent to dealers with affected inventory prior to launch. Additional labels can be ordered through the Compliance Label Ordering Portal on vwhub.com.
191	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
192	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
193	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.

	AA
186	Toyota VERR letter 'TYX-VERR-20151111-18' which contains dealer letter, sample owner letter, owner Q&A, and applicable technical service and/or repair instructions.
187	The manufacturer's campaign number for this recall is J056.
188	Toyota VERR letter 'TYX-VERR-20151216' which contains dealer letters, sample owner letters, owner Q&A, and applicable technical service and/or repair instructions.
189	
190	Forwarding Letter - CBI
191	
192	
193	

	AB	AC	AD
186	No impact on fuel consumption.		4705
187	There is no impact on fuel economy.		4725
188	This repair will not affect fuel consumption.		4765
189	Mazda judges that the fuel economy will not be adversely affected.		4785
190	Not applicable		4805
191	None.		4807
192	None.		4825
193	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4845

	AE	AF	AG	AH
186		1	N	N
187	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
188		1	N	N
189		4	Y	Y
190		2	Y	N
191		2	Y	N
192		2	Y	N
193		3	Y	Y

	AI	AJ	AK	AL
186	N	Y	196690	No impact on driveability.
187	Y	N	197460	There is no impact on driveability.
188	N	Y	199398	This repair will not affect driveability.
189	Y	N	200126	Mazda judges that the drivability will not be adversely affected.
190	N	Y	200768	Not applicable
191	N	N	200827	None.
192	N	N	201834	None.
193	N	N	202106	Ford engineering judgment indicates that the corrective action should not affect drivability.

	AM	AN	AO	AP	AQ
186	No impact on safety.	N	4490	0	0024
187	There is no impact safety.	Y	4510	0	0038
188	This repair will not affect safety.	N	4550	0	0055
189	Mazda judges that the safety will not be adversely affected.	N	4570	0	0034
190	Not applicable	N	4590	0	0006
191	None.	N	4592	0	1521
192	None.	N	4610	0	1518
193	Ford engineering judgement indicates that the corrective action should not affect safety.	N	4630	0	1514

	AR	AS	AT
186	N	9/1/2013	1
187	N		1
188	N	8/16/2010	1
189	Y	1/19/2016	1
190	N	1/13/2016	1
191	Y	12/24/2015	1
192	Y	1/16/2016	1
193	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
194	14356	1/26/2016	VGA	VG-0005	Light-Duty Vehicles and Trucks	27693	Y					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208	
195	14436	2/5/2016	CRX	X60	Light-Duty Vehicles and Trucks	191857	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
196	14437	2/5/2016	CRX	R29	Light-Duty Vehicles and Trucks	1775	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
197	14438	2/5/2016	FMX	15S19	Light-Duty Vehicles and Trucks	20242	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
198	14459	2/11/2016	KMX	16-HK-VERR-03	Light-Duty Vehicles and Trucks	17991	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	ADAmbrosi@hatci.com
199	14516	2/15/2016	KMX	16-HK-VERR-04a	Light-Duty Vehicles and Trucks	9345	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	jgantchar@hatci.com
200	14536	2/16/2016	FMX	15S12	Light-Duty Vehicles and Trucks	91	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
201	14556	2/16/2016	MAX	2016-272A	Light-Duty Vehicles and Trucks	23479	Y					Mr Daniel E Doku Sr	ddoku@maseratiusa.com	201-816-2638	ddoku@maseratiusa.com
202	14576	2/16/2016	HYX	16-HK-VERR-04	Light-Duty Vehicles and Trucks	9345	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	jgantchar@hatci.com
203	14676	2/26/2016	JLX	Q539_VERR	Light-Duty Vehicles and Trucks	1934	Y					Mr Vahakn Varjabedian	vvarjabe@jaguarlandrover.com	(201)818-8139	
204	14717	3/3/2016	FJX	1515	Light-Duty Vehicles and Trucks	29214	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514	
205	14823	3/28/2016	NSX	FOI_NSX_VER_0021_BD_	Light-Duty Vehicles and Trucks	308	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
206	14852	4/11/2016	FMX	15S34	Light-Duty Vehicles and Trucks	422773	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	

	P	Q	R	S
194	On-Board Diagnostic (OBD) System	2/25/2016	2016	5
195	Fuel Delivery System	1/22/2016	2016	60
196	Crankcase Ventilation Component/System	2/2/2016	2016	1529
197	Fuel Delivery System	7/9/2015	2015	1519
198	Computer Related (Other than OBD)	3/8/2016	2016	3
199	Evaporative Emissions Systems	3/15/2016	2016	4
200	Fuel Delivery System	5/12/2015	2015	1512
201	Monitoring/Measuring Sensor/System	2/26/2016	2016	2016
202	Evaporative Emissions Systems	3/15/2016	2016	4
203	On-Board Diagnostic (OBD) System	2/9/2016	2016	5
204	Ignition Component	2/11/2016	2016	1515
205	Crankcase Ventilation Component/System	3/29/2016	2016	21
206	Evaporative Emissions Systems	11/20/2015	2015	1534

	T
194	Condition observed: Due to the sequence of events when starting the vehicle, a software communication error can occur between the vehicle's ECM and the Instrument Cluster Module. As a result, the electronic VIN cannot be displayed or accessed when using a generic diagnostic scan tool. This condition can be temporarily eliminated by switching ignition-switch off and immediately on again, after the initial fault occurs. This concern was originally found during Massachusetts State I/M Emissions Inspection testing. The California Air Resource Board has been notified by Massachusetts Agencies regarding any possible effect on OBD communication. The California ARB staff in turn contacted VWGoA to determine a service fix. Part numbers involved: Instrument Cluster 5C6 920 954 B Production ECM Software: 04E 906 023 P Version 1571 (Automatic Transmission) 04E 906 023 N Version 1599 (Manual Transmission) Updated ECM Software: 04E 906 023 AQ Version 2954 (Automatic Transmission) 04E 906 023 AP Version 2953 (Manual Transmission)
195	Some 2003 to 2007 Model Year Dodge Caravan/Grand Caravan and Chrysler Voyager/Town & Country vehicles may experience an engine stall after refueling. This condition is caused when the fuel shut off float in the multifunction control valve swells and gets stuck allowing fuel into the vapor purge lines during refueling. Fu
196	Some 2013-2015 MY Dodge Viper vehicles with an 8.4L engine may experience high levels of oil consumption due to oil being pushed out of the engine through the make up air hose when the engine is under high lateral g-loads at high engine RPM's and low throttle.
197	Some 2015 model year Mustang vehicles built prior to February 10, 2015 and built with a 2.3L EcoBoost engine may have been built without heat shields for the fuel tank and fuel vapor lines, contrary to design intent. The absence of heat shields creates the potential for fuel line and fuel tank degradation and leaks over time.
198	Some 2011model year Kia Optima 2.4L SULEV vehicles experienced excess NMOG emissions due to incorrect calibration value about fuel adaption during the initial cold start-up period. This calibration may make rich air/fuel ratio than target value and lead to excess NMOG emissions.
199	Some 2016 model year Kia Optima 2.0L Turbo/2.4L SULEV vehicles have assembled with improper emission parts. These vehicles are certified to LEV3 evap. emissions. However, a number of vehicles were installed with the air cleaner and canister intended for the LEV2 version of model.
200	Some 2015 model year F-150 vehicles may have been built without needed heat shields over the fuel tank and fuel vapor lines, contrary to design intent. The absence of heat shields creates the potential for fuel line and fuel tank degradation and leaks over time.
201	ECM software upgrade to address rough drivability customer concerns. We are expanding the 2014 emission recall from 2014 models to cover 2015 models as well.
202	Some 2016 model year Kia Optima 2.0L Turbo/2.4L SULEV vehicles have assembled with improper emission parts. These vehicles are certified to LEV3 evap. emissions. However, a number of vehicles were installed with the air cleaner and canister intended for the LEV2 version of model.
203	Under certain driving conditions, some vehicles may erroneously display an illuminated Malfunction Indicator Lamp (MIL) as a result of over-sensitive monitoring of exhaust catalytic converters. However, this condition will not affect a vehicle¿s emissions or its performance.
204	Some 2015 Subaru Impreza WRX 2.0L DIT and 2014-2015 Subaru Forester XT 2.0L DIT (turbo) models may experience spark knock or engine "ping" resulting in unstable engine combustion. The OBDII system will illuminate the Check Engine Light (CEL) for stored misfire (right & left bank) DTCs P0300 through P0304. Under certain high engine load driving conditions, engine combustion may occur prior to spark ignition resulting in elevated cylinder temperatures and pressures. This could cause a rough idle and engine noise, and if left unaddressed it could lead to excessive erosion of the spark plugs and possible engine damage.
205	On some 2015MY Nissan NV200 Taxi vehicles, a coordinated change was made which required both a different PCV valve and a revised ECM program. Nissan has identified 308 vehicles that are no longer under factory inventory controls for which this coordinated change did not happen as planned - the PCV valve was changed, bu
206	Some 2010 and 2011 model year 2.5L non-HEV and 3.0L Fusion/Milan vehicles may experience leaking or stuck canister purge valves (CPV) due to wear of the armature. This condition may be caused by inadequate bonding between the armature sleeve and cover and/or excess travel of the armature. Field reports now indicate that this condition can potentially lead to fuel tank leaks/odors in vehicles produced before March 4, 2011. When a CPV develops a sufficiently large leak, closing the canister vent valve (CVV) may cause the vacuum to build quickly and "cork¿ the CVV closed such that the CVV will not open when commanded. The CVV will eventually open after a Key-Off condition occurs. The event induces a cyclic pressure on the steel fuel tank that exceeds the tank¿s design limit of vacuum. Repeated cycles of this event can fatigue the tank upper shell and may eventually result in a crack in the tank shell.

	U
194	Updated ECM software will be released to dealer network via an Emissions Recall (24CG) in conjunction with Service Action 01B2 which references the correction of the Emission Label. Update ECM software to address this condition as well as other customer satisfaction issues: - Drivability at high altitude (adjustment of fuel system pressure) - Software correction to accommodate engine block heater option
195	FCA US will offer an extended lifetime warranty (X60) for repairs on vehicles built during built from September 1, 2003 to March 31, 2004 time period.
196	FCA US LLC will conduct an emission related Customer Satisfaction Notice (R29) on all affected vehicles, to replace the left hand valve cover assembly with revised make up air fitting location and new baffle, left hand coil cover, and make up air hose.
197	Affected vehicles will have heat shields for the fuel tank and vapor lines installed.
198	Kia will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG emissions do not occur.
199	The original parts (2.0 : air cleaner, canister, 2.4 : air cleaner) will be replaced during this recall. A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
200	Affected vehicles will have heat shields for the fuel tank and vapor lines installed.
201	ECM Reflash
202	The original parts (2.0 : air cleaner, canister, 2.4 : air cleaner) will be replaced during this recall. A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
203	Affected vehicles will be repaired by reprogramming the Engine Control Module (ECM) with an updated calibration.
204	CARB approved Subaru's voluntary remedial plan for Service Program WQW58 on February 10, 2016. The repair consists of vehicle inspection and ECM reprogramming.
205	300 vehicles are currently in transit or in dealer inventory and will be remedied prior to sale. 8 vehicles have been retailed - the customers of these retailed vehicles will be contacted by Nissan to notify them of the emission service campaign and remedy the vehicles. This modification consists of an ECM reprogram.
206	The CPV will be tested, removed, and replaced if necessary. Additionally, affected vehicles will have their fuel tanks inspected for cracks in the tank shell. If necessary, the fuel tank will be removed and replaced.

	V
194	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
195	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
196	FCA US provides the US VIN list for a specific service action to Experian for the latest customer name and address information. Experian searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Experian sends this information to FCA US, which is th
197	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
198	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
199	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
200	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
201	Polk report
202	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
203	Jaguar Land Rover North America, LLC has determined the affected VINs, and has contracted R. L. Polk & Co to compile owner information and conduct mailings to owners on the basis of these VINs.
204	Subaru used R.L. Polk vehicle owner database for identifying the affected 2014-2015 model year Subaru vehicles registered in 50-States. All owners were notified by first class mail starting on February 11, 2016. Authorized Subaru Dealers received the attached Subaru Service Program Bulletin WQW58 instructions electronically
205	RL Polk and/or internal records
206	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.

	W
194	There are no maintenance or eligibility requirements.
195	None.
196	None.
197	Eligibility for this program is not conditioned upon proper maintenance or use.
198	There are no restrictions on eligibility.
199	There are no restrictions on eligibility.
200	Eligibility for this program is not conditioned upon proper maintenance or use.
201	All vehicles are still in warranty all will receive the repair free of charge
202	There are no restrictions on eligibility.
203	There are no eligibility conditions for maintenance or use. All affected VINs are eligible.
204	None.
205	None required
206	Eligibility for this program is not conditioned upon proper maintenance or use.

	X
194	Affected authorized Volkswagen & Audi dealers will receive notification and detailed information about this recall on or about (Date is TDB). Affected Volkswagen & Audi owners will be mailed a notification regarding this recall on or about (Date is TDB). Enclosed are examples of Service Circulars and Customer Letters.
195	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
196	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
197	See Owner Notification Letter.
198	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
199	Owners will be instructed to contact their local Kia dealer to make an appointment to have this emission related recall service performed. Please see the attached draft owner notification letter for additional information.
200	See Owner Notification Letter.
201	Owners will bring their vehicles into an authorized Maserati Dealer
202	Owners will be instructed to contact their local Kia dealer to make an appointment to have this emission related recall service performed. Please see the attached draft owner notification letter for additional information.
203	Vehicle owners are requested to contact their local dealer and arrange an appointment to have their vehicles repaired.
204	Affected owners were requested by notification letter (see attached Subaru Service Program Bulletin WQW58) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary for vehicle inspection and complete ECM reprogramming is app
205	Due to the limited and regionally concentrated population, vehicle owners will be contacted by Nissan representatives. An appointment will be scheduled to have the service procedure performed.
206	See Owner Notification Letter.

	Y
194	It is anticipated that all affected vehicles repaired within this campaign will be remedied by authorized dealers of the manufacturer.
195	None.
196	None.
197	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
198	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
199	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
200	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
201	N/A
202	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
203	All required repairs will be performed by Land Rover dealers.
204	None.
205	Only authorized service technicians or Nissan engineering staff will be authorized to perform this remedy.
206	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.

	Z
194	This action contains a software update only, therefore there are no parts allocation.
195	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
196	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
197	Dealers are to obtain parts for this repair through the Special Service Support Center.
198	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.
199	A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
200	Dealers are to obtain parts for this repair through the Special Service Support Center.
201	Only a software upgrade
202	A supply of the air cleaner/canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities.
203	There are no parts required for this repair.
204	The corrective repair consists of vehicle inspection and ECM reprogramming as outlined in the attached Subaru Service Program Bulletin WQW58. Upon inspection of any related spark plug or engine damage is found, the Subaru Dealer will order the necessary appropriate parts to make the corrective repair. Subaru estimates th
205	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.
206	Dealers are to obtain parts for this repair through the Special Service Support Center.

	AA
194	Forwarding Letter - CBI
195	No progress report will be submitted, as 100% of the vehicle owners will receive an extended warranty.
196	
197	
198	
199	Since the Kia models are certified in HYX test groups, this (KMX) VERR is being Inactivated and will be re-filed as (HYX) 16-HK-VERR-04 Even though Kia models are only affected in this voluntary recall, it was deeded more appropriate to file this VERR in the HYX database,
200	
201	
202	This VERR replaces (KMX) 16-HK-VERR-04.
203	The manufacturer's campaign number for this recall is Q539.
204	Subaru Service Program Bulletin WQW58, which contains dealer repair instructions and the owner notification letter, is being revised and will be submitted to EPA and ECARS shortly.
205	
206	

	AB	AC	AD
194	Not applicable		4865
195	None.		4885
196	None.		4886
197	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4887
198	This repair will not affect fuel consumption of these vehicles.		4907
199	This repair will not affect fuel consumption of these vehicles.		4925
200	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		4945
201	None known, N/A		4965
202	This repair will not affect fuel consumption of these vehicles.		4985
203	There is no impact on fuel economy.		5065
204	None.		5105
205	Fuel economy will not be impacted.		5165
206	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5185

	AE	AF	AG	AH
194		3	Y	N
195		2	Y	N
196		2	Y	N
197		3	Y	Y
198		1	N	N
199	Because the test groups are HYX for these Kia models it was decided that the VERR would be re-filed in the HYX database.l	1	N	N
200		3	Y	Y
201		4	Y	Y
202		1	N	N
203	Added a number reference for related EDIR and made a minor correction to Test Group name	3	Y	N
204		1	Y	N
205		1	N	N
206		3	Y	Y

	AI	AJ	AK	AL
194	N	Y	202266	Not applicable
195	N	N	203322	None.
196	N	N	203328	None.
197	N	N	203329	Ford engineering judgment indicates that the corrective action should not affect drivability.
198	N	N	203971	This repair will not drivability of these vehicles.
199	N	N	204294	This repair will not affect driveability of these vehicles.
200	N	N	204404	Ford engineering judgment indicates that the corrective action should not affect drivability.
201	N	Y	204415	None know, N/A
202	N	N	204428	This repair will not affect driveability of these vehicles.
203	Y	N	205722	There is no impact on driveability.
204	N	N	206043	Customers reported rough or poor engine drivability and engine knocking noise conditions along with MIL illumination.
205	N	N	207823	Drivability may be affected. Symptoms may include poor idle quality and/or vehicle hesitation.
206	N	N	208833	Ford engineering judgment indicates that the corrective action should not affect drivability.

	AM	AN	AO	AP	AQ
194	Not applicable	N	4650	0	0008
195	None.	N	4670	0	1503
196	None.	N	4671	0	1522
197	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	4672	0	1601
198	This repair will not affect the safety of these vehicles.	Y	4692	1	0089
199	This repair will not affect safety of these vehicles.	Y	4710	2	0094
200	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	4730	0	1602
201	None	N	4750	1	2016
202	This repair will not affect safety of these vehicles.	Y	4770	1	0094
203	There is no impact safety.	Y	4850	0	0033
204	None.	N	4890	0	1515
205	Safety will not be impacted.	N	4950	0	0063
206	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	4970	0	1102

	AR	AS	AT
194	Y	2/26/2016	1
195	Y	1/27/2016	1
196	Y	2/3/2016	1
197	Y		1
198	N	3/9/2016	1
199	N	3/16/2016	1
200	Y		1
201	Y	2/29/2016	1
202	N	3/16/2016	1
203	N		1
204	Y	2/12/2016	1
205	N	4/29/2016	1
206	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
207	14853	4/11/2016	CRX	R69	Light-Duty Vehicles and Trucks	11411	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
208	14936	4/27/2016	GMX	1293	Light-Duty Vehicles and Trucks	3582	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
209	14956	5/4/2016	CRX	S01	Light-Duty Vehicles and Trucks	45	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
210	14984	5/13/2016	FPX	0006	Light-Duty Vehicles and Trucks	12930	Y					Mr Brandon Baumgartner	brandon.baumgartner@cnhind.com	6304811954	brandon.baumgartner@cnhind.com
211	14986	5/13/2016	FMX	15M02	Light-Duty Vehicles and Trucks	553595	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
212	14987	5/12/2016	TYX	Toyota-VERR-20150105	Light-Duty Vehicles and Trucks	286771	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@toyota.com; arvon.mitcham@toyota.com
213	15038	5/24/2016	FJX	1601	Light-Duty Vehicles and Trucks	18188	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514	

	P	Q	R	S
207	Selective Catalytic Reduction System	4/8/2016	2016	1569
208	Emission Control Information Label	4/22/2016	2016	1293
209	Monitoring/Measuring Sensor/System	5/2/2016	2016	1601
210	Selective Catalytic Reduction System	7/18/2016	2016	6
211	Monitoring/Measuring Sensor/System	4/25/2016	2016	1582
212	Computer Related (Other than OBD)	4/25/2016	2016	5
213	Air Inlet/Intake System	4/15/2016	2016	1601

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207	Some 2014 MY Jeep® Grand Cherokee and Ram 1500 vehicles equipped with a 3.0L diesel engine are experiencing catalyst (¿SCR¿) washcoat degradation, which could lead to exceedance of exhaust emissions standards.
208	Certain 2016 Isuzu vehicles equipped with 6.0L engines and under 14,000 GVWR were built with Vehicle Emission Control Information Labels that are missing the required Greenhouse Gas (GHG) statement "This engine was certified to the alternate greenhouse gas emission standards of 40 CFR 1036.108." Certain 2016 Isuzu vehicles equipped with 6.0L engines over 14,000 GVWR were built with Vehicle Emission Control Information Labels that are missing the required sister vehicle test group.
209	Some 2014 MY Ram Promaster (¿VF¿) vehicles equipped with the 3.0L diesel engine (sales code EXG) may not be able to detect poor quality diesel exhaust fluid (¿DEF¿) according to the Executive Order from the California Air Resources Board (¿CARB¿) approving the emission test group for the 2014 MY VF diesel vehicles.
210	Investigation as to the number of confirmed trucks returned to dealer have shown the following failure modes on emission related components: ¿ SCR failing due to poisoning from HC and oil ¿ Turbocharger and sensors failing due to oil poisoning related to PCV system clogging/freezing ¿ Exhaust brake failing due to premature wear of internal components Additionally, various other components have seen product improvements related to manufacturing processes (e.g. DEF tank supply module, exhaust temperature sensor) to prevent some failures experienced in the field In most cases, all of the above failures would be detected by the OBD system, illuminating a Malfunction Indicator Lamp (MIL) and storing Diagnostic Trouble Codes (DTCs)
211	Some 2011-2015 model year 6.7L F-Series Super Duty Diesel trucks built between August 24, 2009 and June 27, 2014 may experience failures of the Exhaust Gas Temperature (EGT) sensors due to a degraded wire crimp inside the sensor.
212	Under some operating conditions, the Engine Control Module (ECM) may set a DTC if debris/ice becomes lodged in the air switching valve. If this condition occurs, the MIL may illuminate and the vehicle could enter a "Fail-Safe" Mode (also known as "Limp-Home" Mode). Upon entering a "Fail-Safe" Mode, a subsequent reduction in vehicle power and speed will occur.
213	Some 2015 and 2016 Subaru WRX 2.0L DIT and 2015 and 2016 Subaru Forester XT 2.0L DIT (turbo) models may experience unstable idling, reduced engine power, and possible engine stall. The OBDII system will illuminate the Check Engine Light (CEL) for stored Diagnostic Trouble Code (DTC) P0171 (System too lean). The stored DTC is believed due to a crack in the branch part of the intake duct in front of turbocharger. FHI concluded that the crack had occurred due to the use of inappropriate material for the branch part of the intake duct.

	U
207	FCA US will conduct a Voluntary Emission Recall (R69) on all affected vehicles to replace SCRs with ones that have an improved washcoat
208	New VECI labels with the required and correct GHG statement were printed. Since a new label can be easily installed, and to reduce customer inconvenience, corrected labels will be sent with installation instructions directly to customers of record. However, if the customers desire, they may bring the label to their dealer for in
209	FCA will conduct a Voluntary Emissions Recall on the population of affected vehicles pursuant to the provisions within a California Executive Order, that were not repaired under Service Bulletin 18-018-15 to reprogram the powertrain control module with the CARB-approved DEF quality and inducement strategy calibration.
210	On each affected vehicle, a robustness package against HC & oil contamination will be installed and the SCR will be replaced with a new washcoat technology. A double mesh will be installed in the intake pipe to address MAF contamination issues (EDIR 0014) and turbochargers, if not already updated, will be replaced with latest version components including oil leak robustness package (EDIR 0008). At a system level, other components which have experienced known failure modes will be replaced with the latest revision parts. - Exhaust brake (EDIR 0009) - Exhaust temp sensors (EDIR 0018) - NOx sensors (EDIR 0005) - Vacuum modulator (EDIR 17) All vehicles will be equipped with an engine cover kit as well as the content of a cold weather kit (VERR 0005). The DEF tank pump (EDIR 0016 and 0019) will be replaced on MY11 vehicles with the latest revision of the component. To further secure system robustness, a specific test will be performed to determine component health for the DPF and the DEF dosing module (EDIR 0015): any parts which will fail the test will be replaced with a new one. As a results of above changes the engine ECU will be updated with a new SW/dataset. The new SW/dataset also includes a new strategy to deal with long idling conditions, including an increase to idle speed, that have caused EGR system issues due to oil contamination (EDIR 0013).
211	Ford will extend the warranty coverage on EGT sensors to the full useful life of 11 years / 120,000 miles. Dealers will replace faulty EGT sensors with an enhanced part. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
212	Toyota will initiate a special service campaign to perform a software update to the Engine Control Module (ECM) on certain Toyota 2012-2014MY Tundra/Sequoia with 3UR-FE or 3UR-FBE engine.
213	CARB approved Subaru's voluntary remedial plan for Safety Recall WTA-62 on April 12, 2016, and issued their approval letter on April 19, 2016. Subaru will inspect the lot number molded on the engine turbocharger air intake duct to determine if it was produced with incorrect material. If a specific lot number is found, the duct wil

	V
207	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
208	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through Isuzu Motors America Vehicle Identification Number records and R. L. Polk Company
209	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
210	FPT and its customer, Mitsubishi Fuso, shall utilize R.L. POLK database information to determine the names and addresses of the vehicle owners. Notification will be gradually sent via First Class mail starting from most recent vehicles in U.S. market.
211	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
212	All known owners of affected vehicles will be notified via first class mail that there is a special service campaign for MIL illumination and a software update to the ECM. Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
213	Subaru used R.L. Polk vehicle owner database for identifying the affected 2015-2016 model year Subaru vehicles registered in 50-States. All owners were notified by first class mail starting on April 15, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Bulletin WTA62 instructions electronically prior to t

	W
207	None.
208	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward.
209	None.
210	No specific restrictions to prevent eligibility for this remedial action.
211	Eligibility for this program is not conditioned upon proper maintenance or use.
212	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
213	None.

	X
207	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
208	An owner notification letter with a correct label will be sent to all customers of record. The letter will provide easy instructions to the owner on how to affix the label. The owner will be given the option of having a dealer affix the label at no charge. Since the new label can be easily installed, and doing so will reduce customer inc
209	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
210	Vehicle owners are requested to please contact any Mitsubishi Fuso Authorized Dealer or Parts and Service Center right away to schedule an appointment. It has been requested that the owners remember to bring the customer notice letter with them to the dealer.
211	See Owner Notification Letter.
212	Toyota will initiate a service campaign and notify all affected owners by mail to have their vehicles serviced at a Toyota dealership. The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
213	Affected owners were requested by notification letter (see attached Subaru Safety Recall Program Bulletin WTA62) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary for only vehicle inspection is 10 minutes and an additional

	Y
207	None.
208	Only Isuzu dealers and in-shop fleet warranty accounts are authorized to install a correct label, if the customer chooses not to install the label.
209	None.
210	None other than Mitsubishi Fuso Authorized Dealers or their agents.
211	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
212	The repair will be performed at Toyota dealerships only, and will take approximately 30 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
213	None.

	Z
207	FCA US LLC will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
208	A correct label will be sent to all customers of record with the owner notification letter. Dealers can also obtain correct labels, if necessary, through Isuzu Motors America service organization. In the event the customer would misplace the label a replacement may be ordered through the service organization.
209	FCA US will supply all dealers with the updated calibration and software required to reprogram the Powertrain Control Module (PCM).
210	As of the date of recall start, a third party provider, on behalf of Mitsubishi Fuso, will have in stock approximately 30% of the parts necessary for the ¿HC & Oil contamination prevention package¿ (HCPP) recall and has orders for an additional 50% of the necessary parts. Through the third party provider, Mitsubishi Fuso will m
211	Dealers are to obtain parts for this repair through the Special Service Support Center.
212	There is no part replacement since this is a software update. Therefore, an adequate supply of parts is not a concern.
213	The corrective repair consists of vehicle inspection and air intake duct replacement if a specific lot number is found as outlined in the attached Subaru Safety Recall Bulletin WTA62. Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.

	AA
207	
208	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
209	
210	- Other document to be uploaded: Owner's manual supplement with updated maintenance schedule. - VERR 0005 (Cold Weather Kit) will be performed before or in conjunction with VERR 0006.
211	
212	Reference: EDIR #0001, Mfr. #Toyota-DIR-20150105
213	

	AB	AC	AD
207	None.		5186
208	There is no impact on fuel economy.		5205
209	None.		5225
210	No expected impact to overall fuel economy, though a minor effect on certain missions could be a slightly increased DPF regeneration frequency.		5266
211	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5268
212	This repair will not affect fuel consumption.		5269
213	None.		5287

	AE	AF	AG	AH
207		2	Y	N
208		1	Y	N
209		2	Y	N
210	Separate VERR will be submitted to cover EDIR7 corrective actions.	5	Y	Y
211		3	Y	Y
212		3	Y	Y
213		2	Y	N

	AI	AJ	AK	AL
207	N	N	208857	None.
208	N	N	210302	There is no impact on drivability.
209	N	N	211156	None.
210	Y	Y	212339	There are no expected impacts to drivability.
211	N	N	212341	Ford engineering judgment indicates that the corrective action should not affect drivability.
212	N	N	212417	This repair will not affect driveability.
213	N	N	213482	Affected Subaru customer vehicles may experience unstable idling, reduced engine power, and possible engine stall condition along with MIL illumination.

	AM	AN	AO	AP	AQ
207	None.	N	4971	0	1412
208	There is no impact on safety.	N	4990	0	1293
209	None.	N	5010	0	1601
210	There are no expected impacts to safety.	N	5051	1	0005,0008,0009,0013,0014,0015,0016,0017,0018,0019
211	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5053	0	1311
212	This repair will not affect fsafety.	N	5054	0	0001
213	As stated above, there is a possibility of an engine stall condition.	N	5072	0	1601

	AR	AS	AT
207	Y	4/9/2016	1
208	Y		1
209	Y	5/3/2016	1
210	Y		1
211	Y		1
212	Y		1
213	Y	4/16/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
214	15096	6/3/2016	CRX	P01	Light-Duty Vehicles and Trucks	113161	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
215	15099	6/3/2016	HNX	VERR-16-004	Light-Duty Vehicles and Trucks	39	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421	
216	15124	6/15/2016	TYX	TYX-VERR-20160615	Light-Duty Vehicles and Trucks	330	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
217	15184	6/30/2016	NSX	FOI_NSX_VER_0023_BD_	Light-Duty Vehicles and Trucks	327696	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
218	15197	7/6/2016	CRX	X63	Light-Duty Vehicles and Trucks	60162	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
219	15198	7/6/2016	FMX	16E01	Light-Duty Vehicles and Trucks	81	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
220	15206	7/8/2016	CRX	S18	Light-Duty Vehicles and Trucks	319	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
221	15276	7/29/2016	GMX	1308	Light-Duty Vehicles and Trucks	1027	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
222	15306	8/4/2016	NSX	FOI_NSX_VER_0025_BD_	Light-Duty Vehicles and Trucks	1140	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
223	15337	8/15/2016	ADX	AD-0014	Light-Duty Vehicles and Trucks	92762	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202	N/A
224	15339	8/19/2016	HNX	PUDR-16-007	Light-Duty Vehicles and Trucks	974718	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421	

	P	Q	R	S
214	Electrical, Mechanical and Cooling Systems	2/19/2014	2014	1401
215	Fuel Tank Component	7/8/2016	2016	16
216	Emission Control Information Label	5/27/2016	2016	6
217	On-Board Diagnostic (OBD) System	7/29/2016	2016	23
218	Exhaust Gas Recirculation (EGR) System	6/30/2016	2016	63
219	Fuel Tank Component	6/14/2016	2016	1601
220	Electrical, Mechanical and Cooling Systems	7/7/2016	2016	1618
221	Fuel Delivery Component	7/28/2016	2016	1308
222	Hybrid Vehicle Component/System	8/15/2016	2016	25
223	Monitoring/Measuring Sensor/System	9/15/2013	2013	14
224	Computer Related (Other than OBD)	9/9/2016	2016	17

	T
214	Originally, FCA US reported that on some 2009-2012 model year (MY) Dodge Challenger, Dodge Charger and Chrysler 300 vehicles equipped with a 5.7L MDS engine and 3.06, 3.73 and 3.92 axle ratios have an injection-molded Tight Side Chain Guide (TSCG) that may fracture, and, if so, possibly cause the timing chain to break. Recently, additional investigation and analysis shows that these same MY 2009-2011 vehicles, equipped with a 2.65 axle ratio, are also experiencing some TSCG fractures. We further found that these same vehicles, but manufactured in the 2013 MY with 3.06, 373 and 3.92 axle ratios and built through March 8, 2013, are also affected.
215	Some plastic fuel tanks were incorrectly manufactured with insufficient welding between the fuel vent (ORVR) tube and the fuel tank. This may result in the weld separation and EVAP leakage in the market.
216	It was found that the Emission Control Information Label was not applied to the back side of the engine hood during production for Hawaii, Guam, Puerto Rico, and Saipan markets.
217	In the case that a Bosch Rear Oxygen (O2) Sensor is shorted-to-ground or shorted-to-battery, the sensor fails, but the MIL is not illuminated, nor is a DTC set. In such an instance, the rear O2 sensor OBD monitor and other exhaust gas composition sensor monitors are disabled and an ¿empty can¿ catalyst determination would not
218	Some 2012-2013 model year RAM 1500 vehicles, equipped with a 4.7L engine may have an EGR Valve pintle that accumulates soot and under certain conditions could stick, illuminating the Malfunction Indicator Light (MIL).
219	Certain 2017 Model Year 2.5L Escape gasoline-only vehicles may have been built with a fuel filler pipe incorrectly indicating the vehicles are capable of operation on E85 fuel.
220	Some 2015 MY Jeep® Patriot and Jeep® Compass (¿MK¿) and Dodge Journey (¿JC¿) vehicles may experience low engine oil pressure, originating from an oil consumption issue, which may result in oil starvation and possible engine failure. Root cause was determined to be a cylinder head machining issue which created a low pressure oil leak path to the combustion chamber, consuming engine oil
221	On certain 2016 MY Volt vehicles the flexible fuel feed line jumper pipe located at the front of the engine may seep fuel at either, or both, quick connect crimp joints. During a period of four days the supplier of this part did not crimp these connectors to specification due to inadequate hydraulic pressure.
222	In the event of a hybrid powertrain cooling system malfunction, resulting in a system overheat condition, a warning telltale will illuminate to warn the driver. If the warning lamp is ignored and the vehicle continues to be operated for a prolonged period of time, the hybrid powertrain control module logic will shut off the engine, a
223	Audi has determined that, on certain Audi vehicles with a 3.0L TFSI engine manufactured during a specific period, the diagnostic detection thresholds were found to be too sensitive. The analysis of replaced MIL on catalyst shows that the diagnostic threshold illuminates the MIL although the catalyst fulfills the emission standards. To avoid a false MIL on effect, the OBD monitoring parameter has been modified. The Malfunction Indicator Light (MIL) may come on even though the catalytic converters are working properly. If the MIL is on, a vehicle will not pass an emissions inspection. Part numbers involved: Improved Part numbers / SW levels: 4G0 907 551 A / 0010 (My 2012) 4G0 907 551 D / 0006 (My 2013) 8R0 907 551 A / 0003 (My 2013) 8K5 907 551 E / 0004 (My 2013) 4G0 907 551 J / 0004 (My 2014)
224	Due to inappropriate calibration of the PCM for the Continuous Variable Transmission(CVT) control, the CVT belt may slip under certain driving conditions. The OBD system detects a malfunction of the "Shift Control System".

	U
214	As we also previously reported, FCA US conducted an emission-related voluntary Customer Satisfaction Notification (P01) on all the original affected vehicles to replace the timing chain, the tensioner, and a guide (metal reinforced) in March 2014. With respect to this notice of amended VERR 1401, FCA is expanding the Customer
215	The fuel tank will be replaced by a Honda/Acura dealership.
216	All known owners of affected vehicles will be notified via first class mail that there is a voluntary Emissions Recall for the VECI Label.
217	Nissan will reprogram the Engine Control Module to update the OBD software.
218	FCA US LLC (FCA) will provide an extended warranty (X63) for the EGR Valve, from 3 years/50,000 miles to 6 years/100,000 miles.
219	Dealers will replace the fuel filler pipe with one indicating the vehicle is capable of gasoline-only (E0-E15) operation. There is no functional difference between the filler pipes.
220	FCA US will conduct a Customer Satisfaction Notification (S18) on affected vehicles built from May 6, 2015 through June 24, 2015, to replace the engine.
221	General Motors will conduct a Voluntary Emission Recall to install a new flexible fuel feed line jumper pipe in all affected vehicles.
222	The hybrid control module will be reprogrammed, allowing the engine to continue operating at reduced power in the event of a cooling system malfunction.
223	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall (with customer notification) to update ECM Software on the involved vehicles. All authorized Audi dealers will be notified of this Emissions Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
224	The PCM will be updated with correct programming by a Honda dealership. If a DTC P1890 is stored, the CVT will be replaced in addition to the PCM software update.

	V
214	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
215	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
216	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
217	RL Polk and/or internal records
218	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
219	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
220	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
221	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
222	RL Polk
223	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
224	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.

	W
214	None.
215	No pre-conditions exist. Repair will be made free-of-charge.
216	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
217	None required
218	None.
219	Eligibility for this program is not conditioned upon proper maintenance or use.
220	None.
221	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
222	None required
223	There are no maintenance or eligibility requirements.
224	No pre-conditions exist. Repair will be made free-of-charge.

	X
214	The vehicle should be returned to the dealer, who will to replace the timing chain, the tensioner, and a guide (metal reinforced).
215	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Honda/Acura dealer and make an appointment to have the vehicle repaired.
216	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
217	Vehicle owners will be asked to make an appointment with their Nissan or Infiniti dealer.
218	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
219	See Owner Notification Letter.
220	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
221	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
222	Vehicle owners will schedule an appointment with their local Infiniti dealer for service after receiving the recall owner notification letter.
223	All authorized Audi dealers will be notified of this recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
224	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.

	Y
214	None.
215	Work can only be performed by an authorized Honda/Acura dealership.
216	The repair will be performed at Toyota dealerships only, and will take approximately 45 minutes.
217	Only Nissan service technicians will be authorized to perform this remedy.
218	None.
219	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
220	None.
221	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
222	Only Infiniti dealers will be authorized to perform this service.
223	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
224	Work can only be performed by an authorized Honda dealership.

	Z
214	FCA US will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
215	Currently have a sufficient supply of replacement tanks available.
216	There is sufficient inventory of the replacement parts to accommodate this recall.
217	The correct ECM programs have been created and are available for use. No hardware is required for this service procedure.
218	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
219	Dealers are to obtain parts for this repair through the Special Service Support Center.
220	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
221	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
222	N/A - no hard parts required for this campaign. Updated software will be available to Infiniti dealers upon the launch of the campaign.
223	This action is a software update only, therefore there are no parts allocation.
224	Currently have a sufficient supply of replacement CVT available.

	AA
214	
215	Related Documents: Draft Honda and Acura Customer Notification Honda Service Bulletin 16-051 and Acura Service Bulletin 16-032
216	Reference: EPA EDIR #0005, Mfr. EDIR #TYX-DIR-20160427 Other Documents Included: Signed cover page from company representative.
217	
218	No progress report will be submitted, as 100% of the vehicle owners will receive an extended warranty.
219	
220	
221	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
222	1. Copy of DIR submitted to NHTSA
223	Forwarding letter - CBI
224	Attachments: Cover Letter (Draft) Honda Product Update TSB 16-053 and 16-057 Honda is submitting the enclosed Product Update Report (PUDR) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.

	AB	AC	AD
214	None.		5305
215	None		5306
216	This repair will not affect fuel consumption.		5325
217	Fuel economy will not be impacted.		5349
218	None.		5365
219	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5366
220	None.		5367
221	The proposed changes have no impact on fuel economy.		5425
222	Fuel economy will not be affected.		5445
223	Not applicable		5486
224	None		5487

	AE	AF	AG	AH
214	Reflects expansion of P01 per Defect Description below.	2	Y	N
215		2	Y	N
216		3	N	Y
217		0	N	N
218		2	Y	N
219		3	Y	Y
220		2	Y	N
221		1	N	N
222		1	N	N
223		3	Y	N
224		2	Y	N

	AI	AJ	AK	AL
214	N	N	214339	None.
215	N	N	214480	None
216	N	Y	215347	This repair will not affect driveability.
217	N	N	216996	Drivability will not be impacted.
218	N	N	217274	None.
219	N	N	217284	Ford engineering judgment indicates that the corrective action should not affect drivability.
220	N	N	217607	None.
221	N	N	220074	The proposed changes have no impact on drivability.
222	N	Y	221038	Drivability will only be affected in the case of a cooling system malfunction, in which the hybrid control module will allow the engine to continue operating, but at a reduced power state.
223	N	Y	223304	Not applicable
224	N	N	223367	None

	AM	AN	AO	AP	AQ
214	None.	N	5090	1	1310
215	None	Y	5091	0	0077
216	This repair will not affect safety.	N	5110	0	0005
217	Safety will not be impacted.	N	5135	0	0061
218	None.	N	5150	0	1512
219	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5151	0	1609
220	None.	N	5152	0	1606
221	The proposed changes have no impact safety.	N	5210	0	1308
222	Safety is anticipated to be slightly improved because the hybrid control module will be reprogrammed, allowing the engine to continue operating at reduced power in the event of a cooling system malfunction, rather than shutting off the engine.	N	5230	0	0067
223	Not applicable	N	5271	0	0089
224	None	Y	5272	0	0079

	AR	AS	AT
214	Y	5/31/2016	1
215	N	8/2/2016	1
216	Y		1
217	N	8/29/2016	1
218	Y	7/1/2016	1
219	Y		1
220	Y	7/8/2016	1
221	Y		1
222	N	8/16/2016	1
223	Y	9/16/2013	1
224	N	9/10/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
225	15356	8/22/2016	VGA	VG-0006-01	Light-Duty Vehicles and Trucks	31983	Y					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208	N/A
226	15377	8/23/2016	KMX	16-HK-VERR-05	Light-Duty Vehicles and Trucks	119565	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	ADAmbrosi@hatci.com
227	15397	8/25/2016	NSX	FOI_NSX_VER_0024_BD_	Light-Duty Vehicles and Trucks	317	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
228	15399	8/26/2016	TYX	Toyota-VERR-20160826	Light-Duty Vehicles and Trucks	4500	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
229	15439	7/20/2016	TYX	TOYOTA-VERR-20160720	Light-Duty Vehicles and Trucks	108600	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com
230	15458	9/19/2016	VGA	VG-0007	Light-Duty Vehicles and Trucks	196	Y					Mr Stuart Johnson	Stuart.Johnson@vw.com	248 754 4208	
231	15463	9/28/2016	ADX	AD-0015	Light-Duty Vehicles and Trucks	13185	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202	N/A
232	15464	9/28/2016	ADX	AD-0016	Light-Duty Vehicles and Trucks	5936	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202	N/A
233	15465	9/28/2016	FJX	1605	Light-Duty Vehicles and Trucks	1424	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514	

	P	Q	R	S
225	Monitoring/Measuring Sensor/System	9/15/2013	2013	6
226	Evaporative Emissions Systems	9/12/2016	2016	5
227	Emission Control Information Label	8/29/2016	2016	24
228	Fuel Tank Component	8/8/2016	2016	10
229	Hybrid Vehicle Component/System	6/30/2016	2016	9
230	Emission Control Information Label	10/3/2016	2016	7
231	Selective Catalytic Reduction System	10/25/2016	2016	15
232	Selective Catalytic Reduction System	10/25/2016	2016	16
233	Emission Control Information Label	9/26/2016	2016	1605

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225	Audi has determined that, on certain Audi vehicles with a 3.0L TFSI engine manufactured during a specific period, the diagnostic detection thresholds were found to be too sensitive. The analysis of replaced MIL on catalyst shows that the diagnostic threshold illuminates the MIL although the catalyst fulfills the emission standards. To avoid a false MIL on effect, the OBD monitoring parameter has been modified. The Malfunction Indicator Light (MIL) may come on even though the catalytic converters are working properly. If the MIL is on, a vehicle will not pass an emissions inspection. Improved Parts numbers / SW levels: 8K5 907 551 G / 0007 (My 2015) 8R0 907 551 F / 0007 (My 2015) 8R0 907 551 G / 0007 (My 2015) 8K5 907 551 G / 0007 (My 2016) 8R0 907 551 F / 0007 (My 2016) 8R0 907 551 G / 0007 (My 2016)
226	Some 2009~2015 model year Rondo/Optima/Sedona have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code P0442(Evap. system small leak), P0455 (Evap. system large leak) and P0456 (Evap. system very small leak) set. The defect is a crack of the canister, and main cause is insert-nut cor
227	Nissan has determined that some MY16 TITAN XD (V8 Gas) vehicles might contain Warranty Information Booklets that have incorrect information related to the Federal Emission Defect and Performance Warranty Coverage, due to two unique weight classifications and emission certifications. Nissan dealers' ability to correctly apply emission warranty during service/repair has not been affected.
228	In the subject vehicles, the fuel level float arm in the fuel tank may become obstructed and cause the fuel level gauge to display an inaccurate reading. This inaccurate fuel level gauge reading could result in the vehicle running out of fuel during operation. If this occurs, the vehicle may illuminate the malfunction indicator lamp (M
229	Toyota submits information about a ZF5 Warranty Enhancement for the Hybrid Inverter Assembly. This is a warranty extension to the previously issued Voluntary Emission Recall Report (VERR), Toyota ¿VERR-20150807 which was related to ¿Toyota Safety Recall F0R¿. This ZF5 Warranty Enhancement Program provides an extensio
230	Emissions Control Information Label printed and installed with incorrect Emissions Standard. Incorrect Emission labels show "U.S. EPA ¿ T2B5 LDV". Correct labels should state "U.S. EPA - IntT3B160" Production Part Number: 07L010533
231	Volkswagen has determined that, in some vehicles, it is possible for the AdBlue Heater to become contaminated by SCR fluid, causing the Malfunction Indicator Lamp (MIL) on the instrument cluster to illuminate due to the presence of specific fault codes caused by this component. Part numbers involved: Touareg: Production Part Numbers: 7P6 198 970 / 7L6 198 970 Warranty Replacement Part Numbers: 7P6 198 970 A / 7L6 198 970 A Passat: Production Part Number: 561 198 970 Warranty Replacement Part Number: 561 198 970 A
232	Volkswagen has determined that, in some vehicles, it is possible for the AdBlue Heater to become contaminated by SCR fluid. Additionally, due to a manufacturing issue, it is possible for an exhaust gas temperature sensor (located in the vehicle¿s EGR cooler) to malfunction. These two issues are unrelated to each other. Dealer Notification: On or about October 25th, 2016 Customer Notification: On or about October 25th, 2016 Part numbers involved: Touareg (AdBlue Heater): Production Part Number: 7P6 198 970 Warranty Replacement Part Number: 7P6 198 970 A Touareg (EGR cooler EGT sensor): Production Part Number: 059 906 088 BB Warranty Replacement Part Numbers: 059 906 088 CM / CT
233	2010 Subaru Legacy 2.5GT 6MT turbo models have a typographical error on the underhood VECI label. The incorrect VECI label (with code 8P) identifies the vehicle being equipped with secondary "AIR". The vehicles were correctly built without secondary "AIR". This condition was identified by California Vehicle owner complaint of SMOG Check inspection "failure" due to vehicle not being equipped with secondary "AIR" per the incorrect VECI label.

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225	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall (with customer notification) to update ECM Software on the involved vehicles. All authorized Audi dealers will be notified of this Emissions Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
226	The original parts will be replaced during this campaign. A supply of the canister will be maintained in Kia Motors America parts system if dealers need to order additional quantities
227	Nissan will mail an Owner Notification letter to customers of the affected vehicles. These letters will have a peel-off sticker to be installed on the Warranty Information Booklet. This letter and sticker will contain the proper warranty information related to the Federal Emission Defect and Performance Warranty Coverage.
228	Lexus has designed a new fuel tank ring to prevent this condition from occurring. To ensure customer satisfaction, Lexus requests that dealers conduct this SSC remedy on any used vehicles currently in dealer inventory or any dealer LCCS vehicles that are covered by this SSC prior to customer delivery or customer loan.
229	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program.
230	Install applicable emissions labels via Recall with customer notification.
231	Volkswagen Group of America, Inc. will pro-actively release an Extended Warranty Program (10years / 120,000miles) to address the replacements of AdBlue Heater for some MY 2009 to 2016 VW Touareg 3.0L TDI & some MY 2012 to 2014 VW Passat 2.0L TDI vehicles. All authorized Volkswagen dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 25th, 2016 Customer Notification: On or about October 25th, 2016 Note: - MY 2014 3.0L TDI is being covered under additional Extended Warranty program which addresses both AdBlue Heater and EGR Cooler exhaust gas temp sensor . - MY 2012 - 2014 2.0L TDI are being reported under VERR VW-0017 (VW Test Groups). - MY 2015 through 2015 3.0L TDI are being reported under VERR VG-0008 (VGA Test Groups). - This VERR report only addresses MY 2009 ¿ 2014 3.0L TDI vehicles (AUDI Test Groups)
232	Volkswagen Group of America, Inc. will pro-actively release an Extended Warranty Program (10years / 120,000miles) to address the replacements of AdBlue Heater and EGR Cooler Exhasut Gas temperature sensor for some MY 2013 to 2014 VW Touareg 3.0L TDI vehicles. All authorized Volkswagen dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about October 25th, 2016 Customer Notification: On or about October 25th, 2016
233	The repair consists of sending the affected Subaru vehicle owner the corrected VECI label.

	V
225	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
226	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing. To correct this problem, Kia will replace the defect canister with improved one.
227	RL Polk and/or internal records
228	For owner name and address information Toyota utilizes IHS Markit Data as the primary source and supplements with Toyota Customer Central Data if IHS Markit Data is not available.
229	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
230	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
231	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
232	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
233	Subaru used R.L. Polk vehicle owner database for identifying the affected 2010 model year Subaru vehicles registered in 50-States. All owners were notified by first class mail starting on September 26, 2016. Authorized Subaru Dealers received the attached Subaru Service Program Bulletin WTI-69 instructions electronically prior

	W
225	There are no maintenance or eligibility requirements.
226	There are no restrictions on eligibility.
227	None required
228	No special conditions are required for eligibility of repair under this special service campaign.
229	No special conditions are required for eligibility of repair under this voluntary Emissions Recall. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
230	There are no maintenance or eligibility requirements.
231	There are no maintenance or eligibility requirements.
232	There are no maintenance or eligibility requirements.
233	None.

	X
225	All authorized Audi dealers will be notified of this recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about September 15, 2016 Customer Notification: On or about September 16, 2016
226	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
227	Vehicle owners will receive the Owner Notification letter via US mail. No dealer service procedure will be needed.
228	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
229	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
230	Customers will be instructed on how to apply the Emission label. If they choose to, they can take their vehicle to an authorized dealer of the manufacturer to have them install the label as needed, with no additional cost. Affected Volkswagen owners will be mailed a notification of recall on or about October 3rd, 2016. Enclosed are examples of the Customer Letters
231	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action on or about October 25th, 2016 Affected Volkswagen owners will be mailed a notification of this action on or about October 25th, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
232	Affected authorized Volkswagen dealers will receive notification and detailed information about this Service Action on or about October 25th, 2016 Affected Volkswagen owners will be mailed a notification of this action on or about October 25th, 2016. Enclosed are examples of Warranty Circulars and Customer Letters.
233	Affected owners will be provided by notification letter the corrected VECI label directly along with instructions how to affix the replacement label. Owners will have the alternative option to contact their authorized Subaru dealer of choice and to make an appointment to have the corrective action performed at no charge.

	Y
225	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
226	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
227	N/A
228	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair orde
229	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
230	It is anticipated that all affected vehicles repaired within this campaign will be remedied by the vehicle's owner or an authorized dealer.
231	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
232	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
233	The Subaru vehicle owner will self affix the corrected VECI label.

	Z
225	This action is a software update only, therefore there are no parts allocation.
226	No parts will be replaced during this campaign. The reprogramming information will be provided to Kia dealers.
227	The supplier of the Owner Notification material will print an adequate number to meet the demand for this corrective action.
228	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
229	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
230	Emissions Labels will be mailed to the customers, along with related Customer Letter, and to the dealer network. In addition, the self-addressed owner¿s notification letter is to confirm that the label has been affixed to the vehicle and completion rate for this self-campaign is considered 100%.
231	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
232	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
233	The repair consists of sending the corrected VECI label directly to the affected Subaru vehicle owner.

	AA
225	Forwarding letter - CBI
226	Certain 2009-2010 MY Rondo vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.
227	Please note that the "Problem Category" was selected as Emission Control Information Label due to limited options, however this issue does NOT affect the Vehicle's label, only the Warranty Information Booklet contained in the new vehicle literature kit.
228	Reference: EPA EDIR #0006, Toyota EDIR #TYX-DIR-20160616-01.
229	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: signed cover letter and warranty enhancement letter for dealers.
230	Forwarding Letter - CBI
231	Forwarding letter - CBI
232	Forwarding letter - CBI
233	Subaru Service Program Bulletin WTI-69 contains both dealer repair instructions and the owner notification letter.

	AB	AC	AD
225	Not applicable		5505
226	This repair will not affect fuel consumption of these vehicles.		5525
227	Fuel economy is not impacted.		5545
228	This repair will not affect fuel consumption.		5546
229	This repair will not affect fuel consumption.		5567
230	Not applicable		5585
231	Not applicable		5605
232	Not applicable		5606
233	None.		5607

	AE	AF	AG	AH
225	Describe improved SW part numbers / levels.	3	Y	N
226		1	N	N
227		1	Y	N
228		2	Y	Y
229	Other documents: Dealer notification package for dealer and Warranty policy bulletin for dealers added to submission.	4	N	Y
230		2	Y	N
231		3	Y	N
232		3	Y	N
233		2	Y	N

	AI	AJ	AK	AL
225	N	Y	223540	Not applicable
226	N	N	223824	This repair will not drivability of these vehicles
227	N	N	224125	Drivability is not impacted.
228	N	N	224441	This repair will not affect drivability.
229	N	Y	225747	This repair will not affect driveability.
230	N	Y	227125	Not applicable
231	N	Y	228633	Not applicable
232	N	Y	228637	Not applicable
233	N	N	228639	None.

	AM	AN	AO	AP	AQ
225	Not applicable	N	5273	1	9999
226	This repair will not affect the safety of these vehicles.	Y	5290	1	0113
227	Safety is not impacted.	N	5310	0	0065
228	This repair will not affect safety.	N	5311	0	0006
229	This repair will not affect safety.	N	5332	1	0001
230	Not applicable	N	5350	0	0015
231	Not applicable	N	5370	0	0083
232	Not applicable	N	5371	0	0083,0081
233	None.	N	5372	0	1605

	AR	AS	AT
225	Y	9/16/2013	1
226	N	9/19/2016	1
227	N	8/30/2016	1
228	Y		1
229	Y		1
230	N	10/4/2016	1
231	Y	10/26/2016	1
232	Y	10/26/2016	1
233	Y	9/27/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
234	15466	9/29/2016	TYX	TYX-VERR-20151104-13	Light-Duty Vehicles and Trucks	20700	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com
235	15467	9/29/2016	TYX	TYX-VERR-20160222-01	Light-Duty Vehicles and Trucks	21022	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com
236	15468	9/29/2016	TYX	TYX-VERR-20160222-02	Light-Duty Vehicles and Trucks	496223	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com
237	15469	9/29/2016	TYX	TOYOTA-VERR-20140212	Light-Duty Vehicles and Trucks	709000	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com
238	15470	9/30/2016	TYX	TYX-VERR-20160708	Light-Duty Vehicles and Trucks	24100	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
239	15471	9/30/2016	TYX	TYX-VERR-20151104-16	Light-Duty Vehicles and Trucks	546600	Y					Ms Helenann Gabler	helenann.gabler@tema.toyota.com	734-995-2420	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
240	15477	10/4/2016	GMX	1214	Light-Duty Vehicles and Trucks	183585	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
241	15479	9/30/2016	VWX	VW-0018	Light-Duty Vehicles and Trucks	91442	Y					Mr Michael Hennard	michael.hennard@vw.com	248-754-4202	n/a
242	15483	10/5/2016	FMX	16B32	Light-Duty Vehicles and Trucks	362203	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
243	15545	10/20/2016	KMX	16-HK-VERR-06	Light-Duty Vehicles and Trucks	60	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	ADAmbrosi@hatci.com
244	15550	10/25/2016	GMX	1290	Light-Duty Vehicles and Trucks	12540	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
245	15551	10/25/2016	GMX	1313	Light-Duty Vehicles and Trucks	955	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
246	15553	10/26/2016	CRX	S64	Light-Duty Vehicles and Trucks	177	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
247	15556	10/27/2016	FMX	16B23	Light-Duty Vehicles and Trucks	86632	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
248	15576	10/31/2016	FMX	16B38	Light-Duty Vehicles and Trucks	343844	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
249	15584	11/2/2016	HYX	16-HK-VERR-07	Light-Duty Vehicles and Trucks	70560	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	ADAmbrosi@hatci.com

	P	Q	R	S
234	Fuel Tank Component	1/20/2016	2016	1
235	Fuel Tank Component	4/15/2011	2011	2
236	Crankcase Ventilation Component/System	9/1/2009	2009	3
237	Hybrid Vehicle Component/System	8/31/2014	2014	4
238	Oxygen Sensor	6/20/2016	2016	7
239	Exhaust Gas Recirculation (EGR) System	6/27/2016	2016	8
240	Fuel Delivery Component	9/30/2016	2016	1214
241	NOx Sensor	9/15/2016	2016	18
242	Air Inlet/Intake System	9/14/2016	2016	1632
243	Computer Related (Other than OBD)	9/23/2016	2016	6
244	Exhaust System	10/24/2016	2016	1290
245	Air Inlet/Intake System	10/24/2016	2016	1313
246	Emission Control Information Label	10/21/2016	2016	1664
247	Air Inlet/Intake System	10/17/2016	2016	1623
248	Evaporative Emissions Systems	10/31/2016	2016	1638
249	Evaporative Emissions Systems	11/2/2016	2016	7

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234	Subject vehicles are equipped with a fuel pump that could experience premature wear of internal components, causing it to become inoperative. If this occurs the vehicle will illuminate various warning lamps, including OBD MIL, and enter a fail-safe mode, reducing motive power.
235	During the manufacturing process of certain 2009 model year RAV4 vehicles, the protective coating (paint) applied to the fuel tank assembly (tank) may not have been properly applied on a small number of tanks. For this small number of tanks, the paint will begin to peel on the tank surface.
236	If the vehicle is operated in extremely low temperatures, there is a possibility that condensed moisture from a positive crankcase ventilation (PCV) port may seep into the brake system vacuum port and freeze. The port is located inside the intake manifold and provides vacuum assist for the brakes. Should this condition continue
237	Toyota initiated a warranty enhancement program to extend the warranty coverage for repairs related to failure of the Intelligent Power Module (IPM) for certain 2010 ¿ 2014MY Prius vehicles, in addition to the safety recall (E0E) launched in mid-March 2014. It is related to various warning lamps on the instrument panel illumina
238	The subject vehicles are equipped with an Oxygen Sensor which could experience degradation of the Oxygen Sensor wiring harness. The degradation is caused by vehicle vibration during normal operation. If the degradation occurs, the Malfunction Indicator Lamp (MIL) vehicle will illuminate the Malfunction Indicator Lamp (MIL)
239	This VERR presents information about vibration due to rough idle and/or tapping noise from the HV transaxle at cold start and possibly Malfunction Indicator Light (MIL) ¿ON¿ condition with Diagnostic Trouble Code (DTC) P0300, P0301, P0302, P0303, P0304, and P0401. Some Prius, Prius V, Prius PHV, and CT200h vehicles may exh
240	On certain 2010-2011 Chevrolet Equinox and GMC Terrain vehicles, there may be wear on the high pressure fuel pump plunger and plunger seal that can cause fuel from the fuel side of the pump to leak past the plunger's seal and into the oil. Engines built as of December 15, 2010, have used pumps that incorporate a diamond-lik
241	Part description / Component: Adapter Wire Harness Connector Part number: 5CU 971 411 A Improperly assembled wire seals in a connector of an underbody sensor may allow water to corrode electrical terminals. This can lead to an electrical short with the possibility of overheating at the electrical connection, and cause the Malfunction Indicator Lamp (MIL) in the vehicle to illuminate. In rare cases, overheating of the electrical connection could result in a fire underneath the vehicle. Replace Connector and, if necessary, replace underbody Sensor (part number 03L-907-807-AD). Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed.
242	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
243	During production approximately 60 Sorento vehicles destined for the US market were inadvertently prepared with a Transmission Control Unit (TCU) calibration utilized for the Mexican market. The only portion of the TCU calibration that is different between the US and Mexican market vehicles is related to the OBD system thres
244	Certain 2014-2015 Chevrolet Cruze diesel vehicles may experience oxygen and position 1 nitrogen oxide sensor replacement. Typical oxygen sensor and NOx sensor replacement is due to soot build up on the sensor inlet causing the slow response diagnostic to set.
245	General Motors has identified a potential defect on certain 2016 Chevrolet Cruze vehicles equipped with a 1.4L engine. During the repair of water pumps on 955 engines at the GM Flint Engine Plant, a Jiffy-Tite connection on the turbocharger oil feed pipe was removed and reconnected as part of this repair. This connection was n
246	Some 2015-2016 MY Alfa Romeo 4C vehicles may have an incorrect or missing Vehicle Emission Control Information (¿VECI¿) label attached due to a an inadvertent internal process error.
247	Vehicles may experience a loss of power due to the FMEM (failure mode effects management) strategy because of silicon oxide deposits on the throttle body motor commutator.
248	Some 2011-2012 model year 2.5L non-HEV and 3.0L Fusion/Milan vehicles may experience leaking or stuck canister purge valves (CPV) due to wear of the armature. This condition may be caused by inadequate bonding between the armature sleeve and armature core and/or excessive armature wear.
249	Some 2011^2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid have experienced a malfunction indicator light (MIL) illumination with a diagnostic trouble code set of P0442 (Evap. system small leak) and P0455 (Evap. system large leak). The defect causing the MIL set is a crack in the evap. canister, and the main ca

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234	Replace the fuel pump with a new and improved wire harness and fuel pump assembly on certain 2010-2012MY Lexus HS250h vehicles.
235	All known owners of affected vehicles have been notified via first class mail that there is a Limited Service Campaign. Toyota dealers will inspect the paint on the surface of the tank and, if necessary, replace the fuel tank at no charge.
236	Toyota dealers are requested to install a newly designed intake air connector which will relocate the brake system vacuum port at no charge to the vehicle owners.
237	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for replacement of IPM with failure.
238	Replacement of the Oxygen Sensor via special service campaign for MIL illumination at no cost to vehicle owners.
239	Toyota is initiating an extension of warranty coverage for sticking exhaust gas recirculation (EGR) valve. The warranty enhancement extends the Primary Coverage until March 31, 2017 with unlimited mileage and the Secondary Coverage is applicable for 10 years from the date of first use or 150,000 miles, whichever occurs first.
240	General Motors will conduct a Voluntary Emission Recall to install a new high pressure fuel pump in all affected Equinox and Terrain vehicles. The new service part incorporates a diamond-like coating (DLC) applied to the plunger shaft to reduce wear.
241	Volkswagen Group of America, Inc. has initiated a Safety Recall to address the issue described above. All authorized Volkswagen dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
242	Ford has initiated field service action 16B32 to include some 2015 MY 3.5L Taurus and 3.7L Taurus and MKT and 2016 MY 3.5L F-150 and 3.7L Transit, Explorer, Taurus and MKT vehicles. Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles in to dealers to receive new throttle body assemblies. Additionally included in 16B32 are some 2015 MY 3.5L Edge and F-150 and 2016 MY 2.5L Fusion and Escape and 3.5L Explorer, Taurus, and Flex and 3.7L MKX and Mustang vehicles. Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles in to dealers to receive a re-flash of the PCM calibration and software strategy to address the loss of vehicle power in the resultant FMEM.
243	To correct this problem, Kia will recall the affected vehicles to reprogramthe TCU with the proper calibration.
244	General Motors will conduct a Voluntary Emission Recall to install a revised software and calibration file in the Engine Control Module that will use the lambda signal in the position 1 NOx sensor for control for all 2014-2015 Cruze diesel vehicles. As part of this recall, General Motors will also install a new position 1 NOx sensor.
245	General Motors will conduct a Voluntary Emissions Recall to replace the Jiffy-Tite fitting on the turbocharger oil feed pipe connection.
246	FCA will conduct a Voluntary Emissions Recall (S64) to replace the incorrect or missing VECI label with the correct VECI label on affected vehicles.
247	Ford has initiated field service action 16B23 to include some 2011-2012 MY 3.5L and 3.7L Edge and MKX and 2011-12 MY 3.7L Mustang vehicles. Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles in to dealers to receive new throttle body assemblies.
248	Customer satisfaction program 16B38 was approved to reflash vehicles with an updated calibration and to test, remove, and replace CPVs if necessary. Additionally, affected vehicles will have their fuel tanks inspected for cracks in the tank shell. If necessary, the fuel tank will be removed and replaced.
249	To correct this problem, Hyundai will replace the original defect canister with an improved canister during this service campaign.

	V
234	R.L. POLK and Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
235	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
236	R.L. POLK and Toyota Retail and Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
237	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
238	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
239	Toyota Retail and Delivery Records (RDR) information will be utilized for the owner notification names and addresses.
240	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
241	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
242	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
243	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
244	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
245	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
246	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
247	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
248	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
249	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.

	W
234	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
235	No special conditions are required for eligibility of repair under this Limited Service Campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
236	No special conditions are required for eligibility of repair under this safety recall (a special service campaign). Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement co
237	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
238	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
239	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
240	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
241	There are no maintenance or eligibility requirements.
242	Eligibility for this program is not conditioned upon proper maintenance or use.
243	There are no restrictions on eligibility.
244	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
245	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
246	None.
247	Eligibility for this program is not conditioned upon proper maintenance or use.
248	Eligibility for this program is not conditioned upon proper maintenance or use.
249	There are no restrictions on eligibility.

	X
234	The notification letter will include a recommendation that the owners drive their vehicles into any Lexus dealer for the repair in accordance with the published Lexus Campaign Procedure.
235	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
236	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
237	The notification letter includes a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
238	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure. The repair will be performed at Toyota dealerships only, and will take approximately 60 minutes. However, depending upon the dealer¿s v
239	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for a sticking EGR Valve.
240	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
241	All authorized Volkswagen dealers have been notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: September 15, 2016 Customer Notification: September 16, 2016
242	See Owner Notification Letter.
243	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
244	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
245	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
246	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.
247	See Owner Notification Letter.
248	See Owner Notification Letter.
249	Owners will be instructed to contact their local Hyundai dealer to make an appointment to perform this service campaign. Please see the attached draft owner notification letter for additional information.

	Y
234	The repair will be performed at Toyota dealerships only, and will take approximately 4 hours.
235	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
236	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
237	The repair will be performed at Toyota dealerships only, and will take approximately 3 hours. However, this period may be longer depending upon the dealers work schedule.
238	The repair will be performed at Toyota dealerships only.
239	The repair will be performed at Toyota and Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
240	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
241	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
242	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
243	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
244	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
245	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
246	None.
247	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
248	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
249	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.

	Z
234	There is sufficient inventory of the replacement parts to accommodate this campaign.
235	Parts are available for this concern.
236	Parts are available for this concern.
237	There is sufficient inventory of the replacement parts to accommodate this SPA.
238	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
239	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program.
240	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
241	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
242	Dealers are to obtain parts for this repair through the Special Service Support Center. The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
243	The TCU will be re-programed by dealers to the US market's TCU version.
244	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
245	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
246	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.
247	Dealers are to obtain parts for this repair through the Special Service Support Center. The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
248	Dealers are to obtain parts for this repair through the Special Service Support Center. The required powertrain control module (PCM) calibration is currently available at Ford authorized dealers.
249	The original parts will be replaced during this campaign. A supply of the canister will be maintained in Hyundai Motors America parts system if dealers need to order additional quantities.

	AA
234	Reference: EDIR #0042 (Manufacturer #TYX-DIR-20151104-13) Other documents: Frequently asked question sheet (FAQ) and Signed version of VERR (added 9/29/2016) included.
235	Reference: EDIR EPA #0001; Toyota #TYX-EDIR-20160222-01. Other: Signed version of VERR.
236	Reference: EDIR EPA #0002; Toyota #TYX-EDIR-20160222-02. Other: Signed version of VERR.
237	Reference: Toyota EDIR #Toyota-DIR-20140212; EPA EDIR #0001 (submitted 2/12/2014). Other documents: Warranty policy bulletin for dealers and signed VERR letter.
238	Other : signed VERR letter
239	Adding signed VERR#00008 TYX-20151104-16 letter
240	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
241	Forwarding Letter - CBI
242	
243	
244	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
245	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
246	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.
247	
248	
249	Some 2011^2016 model year Veloster GDI / Veloster Turbo_GDI / Sonata Hybrid vehicles originally sold in, or currently registered in, states where heavy road salt is used, may exhibit an evaporative canister leak due to prolonged exposure to road salt.

	AB	AC	AD
234	This repair will not affect fuel consumption.		5608
235	This repair will not affect fuel consumption.		5609
236	This repair will not affect fuel consumption.		5610
237	This repair will not affect fuel consumption.		5611
238	This repair will not affect fuel consumption.		5612
239	This repair will not affect fuel consumption.		5613
240	The proposed changes have no impact on fuel economy.		5625
241	Not applicable		5626
242	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5627
243	This repair will not affect the fuel consumption of these vehicles.		5647
244	The proposed changes have no impact on fuel economy.		5665
245	The proposed changes have no impact on fuel economy.		5666
246	None.		5667
247	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5668
248	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5685
249	This repair will not affect fuel consumption of these vehicles.		5705

	AE	AF	AG	AH
234	Additional document: Signed copy of VERR.	5	Y	Y
235	Updated: #of supporting documents. Added signed version of VERR.	3	N	Y
236	Update the correct number and type of supporting documents. Added signed version of VERR.	5	Y	Y
237	Other documents: Warranty policy bulletin for dealers. Added signed VERR letter.	3	N	N
238	Adding signed VERR letter	3	N	Y
239	Adding signed VERR Letter	5	N	Y
240		1	N	N
241		3	Y	N
242		3	Y	Y
243		2	Y	N
244		1	N	N
245		1	N	N
246		2	Y	N
247		3	Y	Y
248		3	Y	Y
249		1	N	N

	AI	AJ	AK	AL
234	N	Y	229032	This repair will not affect drivability.
235	N	Y	229037	This repair will not affect drivability.
236	N	Y	229039	Drivability (brake performance) will be improved
237	N	Y	229041	This repair will not affect driveability.
238	N	Y	229164	This repair will not affect driveability.
239	N	Y	229175	This repair will not affect driveability.
240	N	N	229593	The proposed changes have no impact on drivability.
241	N	Y	229677	Not applicable
242	N	N	229857	Ford engineering judgment indicates that the corrective action should not affect drivability.
243	N	N	232864	This repair will not effect the drivability of these vehicles
244	N	N	233491	The proposed changes have no impact on drivability.
245	N	N	233493	The proposed changes have no impact on drivability.
246	N	N	233713	None.
247	N	N	234035	Ford engineering judgment indicates that the corrective action should not affect drivability.
248	N	N	234636	Ford engineering judgment indicates that the corrective action should not affect drivability.
249	N	N	235290	This repair will not drivability of these vehicles

	AM	AN	AO	AP	AQ
234	This repair will not affect safety.	N	5373	1	0042
235	This repair will improve safety.	N	5374	2	0001
236	Safety will be improved due to improved brake performance.	N	5375	2	0002
237	Safety will be modified as part of E0E, but ZE3 extends the warranty coverage under for repairs related to failure of the Intelligent Power Module (IPM). (NHTSA was notified at the timing of the previous recall (E0E)).	N	5376	2	0001
238	This repair will not affect safety.	N	5377	1	0003
239	This repair will not affect safety.	Y	5378	1	0044
240	The proposed changes have no impact safety.	N	5390	0	1214
241	NTHSA Safety Recall. This issue can lead to an electrical short with the possibility of overheating at the electrical connection, and cause the Malfunction Indicator Lamp (MIL) in the vehicle to illuminate. In rare cases, overheating of the electrical connection could result in a fire underneath the vehicle.	N	5391	0	9999
242	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5392	0	1405
243	This repair will not affect the safety of these vehicles.	Y	5412	1	0104
244	The proposed changes have no impact safety.	N	5430	0	1290
245	The proposed changes have no impact safety.	N	5431	0	1313
246	None.	N	5432	0	1618
247	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5433	0	1405
248	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5450	0	1102
249	This repair will not affect the safety of these vehicles.	Y	5470	1	0113

	AR	AS	AT
234	Y		1
235	Y		1
236	Y		1
237	Y		1
238	Y		1
239	Y		1
240	Y		1
241	Y	9/16/2016	1
242	Y		1
243	N	9/26/2016	1
244	Y		1
245	Y		1
246	Y	10/22/2016	1
247	Y		1
248	Y		1
249	N	11/3/2016	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
250	15600	11/11/2016	HNX	VERR-16-012	Light-Duty Vehicles and Trucks	8345	Y					Mr Eric Barnes	eric_barnes@ahm.honda.com	310-783-3864	
251	15605	11/15/2016	TKX	1009	Light-Duty Vehicles and Trucks	17484	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093	
252	15606	11/15/2016	TKX	1010	Light-Duty Vehicles and Trucks	3849	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093	
253	15621	11/17/2016	CRX	S55	Light-Duty Vehicles and Trucks	322954	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
254	15657	11/23/2016	HNX	ESRN-16-0011	Light-Duty Vehicles and Trucks	8354	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421	
255	15698	11/30/2016	CEX	CDR2015-03	Light-Duty Vehicles and Trucks	135824	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504	
256	15719	12/5/2016	CRX	X70	Light-Duty Vehicles and Trucks	2053	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
257	15723	12/6/2016	NSX	FOI_NSX_VER_0018_BD_	Light-Duty Vehicles and Trucks	75968	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
258	15726	12/9/2016	MBX	VERR_2016_01	Light-Duty Vehicles and Trucks	73696	Y					Mr R. Thomas Brunner	brunnert@mbusa.com	201-573-2622	
259	15736	12/14/2016	BMX	16E-A03	Light-Duty Vehicles and Trucks	540	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com

	P	Q	R	S
250	Computer Related (Other than OBD)	12/12/2016	2016	20
251	Fuel Tank Component	11/20/2016	2016	1009
252	Fuel Tank Component	11/20/2016	2016	1010
253	Electrical, Mechanical and Cooling Systems	11/2/2016	2016	1655
254	Electrical, Mechanical and Cooling Systems	10/31/2016	2016	18
255	Selective Catalytic Reduction System	11/21/2016	2016	9
256	On-Board Diagnostic (OBD) System	12/2/2016	2016	70
257	Fuel Tank Component	8/5/2015	2015	18
258	Exhaust Gas Recirculation (EGR) System	11/18/2016	2016	1601
259	Computer Related (Other than OBD)	11/17/2016	2016	1603

	T
250	Due to inappropriate programing of the PCM, the air to fuel ratio control may lose the compensation for enrichment, high precision control and catalyst monitoring under certain hot re-start condition.
251	Due to improper handling, the fuel tank may become deformed during manufacturing. In this condition, welding of the Inlet Check Valve (ICV) to the fuel tank may be insufficient. In the worst case during normal vehicle use, vibration may cause breakage of the ICV weld resulting in fuel leakage.
252	In order to optimize Due to an inappropriate facility control in the fuel tank manufacturing process, the fuel tank may be deformed. In this condition, the recirculation pipe was weld to the fuel tank, leading to insufficient welding, and the fuel may potentially leak from the welded point of the tank.
253	Some 2014 - 2015MY Jeep Cherokee and Chrysler 200 vehicles, some 2015 MY Jeep Renegade, and RAM ProMaster vehicles and some 2016 MY Fiat 500X vehicles may experience an unexpected shift to neutral due to insufficient crimps in the transmission wire harness which can result in a loss of motive power.
254	Certain 2015 model year Acura TLX vehicles with A/T could have the TCU (Transmission Control Unit) go into failsafe mode, causing the transmission to shift into neutral. The lack of terminal crimping on the 9A/T harness coupler can cause a resistance in the course of usage. This resistance is detected as a failure by the TCU. The T
255	Some MY2013 through MY2015 Ram 2500 Pickup vehicles may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust temperatures a
256	Some 2003 model year Chrysler PT Cruiser vehicles equipped with a 2.4L I4 Turbocharged engine and 5-speed manual transmission may have may have software that could prevent the catalyst monitor from clearing OBD readiness.
257	On 2014MY Nissan Rogue * vehicles, manufactured between start of production and June 7, 2014, the nickel plating material from the fuel pump's inner or outer casing/cover may detach due to fuel flow, vibration or pressure. Detached plating particles may move into the gap between the impeller and the casing/cover, causing the impeller to stop rotating. * Please note that the Rogue Select is not affected.
258	Humidity from the atmosphere can enter the sensor through the valve intermediate flange (through capillary type action) and may, depending on the amount of the humidity, cause an electrical short circuit. As a result, the feedback signal from the valve to the engine control unit (ECU) may fail. As a consequence, the EGR valve m
259	Due to the introduction of an incorrect software function within the motor control module software implemented between 04/2015 and 07/2015 (during the running Model Year 2015) for model X5 xDrive 35d, the power steering control module in some cases (about 38%) could not calculate correct steering parameter, which thr

	U
250	The PCM will be updated with correct programming by a Honda dealership.
251	The lot number of the fuel tank will be checked and, if confirmed to be affected, an inspection of the ICV weld will be conducted with replacement of the fuel tank as needed. The repair will be performed free of charge to vehicle owners.
252	Mazda dealer will confirm the lot number of the fuel tank and if the lot number is contained in the affected lot number of the tank, the dealer will inspect the weld point of the recirculation pipe and replace the fuel tank with the good one as needed. The repair will be performed free of charge to vehicle owners.
253	FCA US LLC will conduct an emission-related Voluntary Safety Recall (S55) on all affected vehicles to either reflash updated transmission software and/or replace the solenoid sensor harness on all affected vehicles.
254	TCU software update to change the failsafe mode from a neutral state to a gear hold mode.
255	Cummins Inc. (¿Cummins¿) and FCA US LLC (¿FCA¿), will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
256	FCA US LLC (FCA) will provide a lifetime extended warranty (X70) to reprogram the powertrain control module with software to correct this issue.
257	Nissan dealers will replace the fuel pump assembly.
258	An improved moisture sealing was incorporated into the intermediate flange of the EGR valve as of 11/2008 production. Further improvements of the moisture sealing and of the bonding-process itself were implemented in 04/2012 and in 04/2014. DAG therefore assumes that this issue has been resolved in vehicles produced aft
259	BMW has decided to conduct an emission recall to flash a modified software without the described malfunctions on all affected models X5 xDrive 35d.

	V
250	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
251	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
252	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
253	FCA US provides the U.S. VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches its internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this updated information to FCA US, whic
254	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
255	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). Experi
256	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
257	RL Polk
258	The vehicle owner do not have to be retrieved in the event of a warranty extension.
259	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.

	W
250	No pre-conditions exist. Repair will be made free-of-charge.
251	There will be no restrictions on eligibility.
252	There will be no restrictions on eligibility.
253	None.
254	No pre-conditions exist. Repair will be made free-of-charge.
255	Not Applicable
256	None.
257	None required
258	A repair solution can only be carried out by an authorized Mercedes-Benz workshop.
259	Not applicable.

	X
250	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
251	As all Mazda dealers were provided with instructions for repairs prior to sending the owner notification letter scheduled on November 20, 2015, owners who receive the notification letter can obtain the necessary corrective action at any Mazda dealer.
252	As all Mazda dealers were provided with instructions for repair prior to sending the owner notification letter scheduled on November 20, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
253	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
254	Call any authorized Acura dealer and make an appointment to have your vehicle repaired.
255	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 1 to 6 hours. The repair may be performed at any authorized FCA repair location.
256	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
257	Vehicle owners will schedule an appointment with their local Nissan dealer for service after receiving the recall owner notification "invitation to repair" letter.
258	In case of failure the vehicle owner has to make an appointment as soon as possible with the service advisor at his Mercedes-Benz workshop where a new EGR-valve will be installed.
259	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Y
250	Work can only be performed by an authorized Honda dealership.
251	Repair work will be performed only by authorized Mazda dealers.
252	Repair work will be performed only by authorized Mazda dealers.
253	None.
254	Work can only be performed by an authorized Acura dealership.
255	Not applicable.
256	None.
257	Only Nissan dealers will be authorized to perform this service.
258	None
259	Not applicable.

	Z
250	Software update, no parts required.
251	The necessary number of repair parts will be available at any authorized Mazda dealer.
252	The necessary modified parts for repair are available at any authorized Mazda dealers.
253	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
254	Only software will be updated with no parts required.
255	The proposed schedule for implementing the recall (see Notes below) takes into account certain production capacity limitations for the replacement catalyst. Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall in accordance with that schec
256	Since this is a warranty action, normal procedures apply.
257	Campaign logistics is using phased mailing over several weeks to help ensure sufficient parts supply. Part stock will be monitored.
258	Since this is a warranty extension Daimler AG will provide Parts to the potentially affected vehicles by using its standard process for spare parts delivery.
259	The software update is provided to all authorized BMW centers via our service network.

	AA
250	Related Documents: Customer Notification Honda Service Bulletin 16-103
251	
252	
253	
254	Attachments: Acura Product Update TBS 16-075 Honda is submitting the enclosed EPA Safety Recall Notification (ESRN) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
255	RECALL SCHEDULE: MY 2013 Ram 2500: Nine (9) states (Alabama, California, Hawaii, Louisiana, Massachusetts, Maine, North Dakota, Texas, and Vermont) in November 2016. o Dealer Notification Date: November 14, 2016 o Customer Notification Date: November 21, 2016 MY2013 remaining forty-one (41) states in February 2017 o Dealer Notification Date: February 8, 2017 o Customer Notification Date: February 15, 2017 MY 2014 and 2015 Ram 2500: Fifty (50) state recall beginning April 2017 o Dealer Notification Date: April 4, 2017 o Customer Notification Date: April 11, 2017
256	No progress report will be submitted, as 100% of the vehicle owners will receive an extended warranty.
257	
258	
259	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193. Documents included: - Recall Plan (also includes Customer Notification Letter and Technical Service Bulletin)

	AB	AC	AD
250	None		5725
251	There is no impact on fuel economy.		5726
252	Mazda judges that there is no impact on fuel economy.		5727
253	None.		5745
254	None.		5785
255	The impact of the proposed repair of the new replacement catalyst will be negligible related to emissions and fuel economy.		5805
256	None.		5825
257	Fuel economy will not be affected by this fuel pump assembly replacement.		5845
258	None		5865
259	This repair has no adverse impact on fuel economy.		5885

	AE	AF	AG	AH
250		2	Y	N
251		4	Y	Y
252		4	Y	Y
253		2	Y	N
254		2	Y	N
255		2	Y	N
256		3	Y	N
257	Updated the number of vehicles covered by the recall.	0	N	N
258		2	Y	N
259		1	Y	N

	AI	AJ	AK	AL
250	N	N	237037	None
251	Y	N	237455	There is no impact on driveability.
252	Y	N	237461	Mazda judges that there is no impact on driveability.
253	N	N	238281	None.
254	N	N	239582	None
255	N	N	240469	None.
256	N	N	241140	None.
257	N	N	241838	An instances of drivability issues associated with the old pumps will be rectified by this fuel pump assembly replacement.
258	N	N	242384	None
259	N	Y	243558	This repair has no adverse impact on driveability.

	AM	AN	AO	AP	AQ
250	None	Y	5490	0	0086
251	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5491	0	0237
252	Mazda judges that there is no impact on safety.	N	5492	0	0238
253	None.	N	5510	0	1614
254	Safety will be improved. Repair will change the failsafe mode from a neutral state to a gear hold mode.	Y	5550	0	0085
255	None.	N	5570	0	0020
256	None.	Y	5590	0	1623
257	This is being conducted as a voluntary safety recall campaign to improve customer safety in the rare event that the old fuel pump assembly does not operate as anticipated.	N	5610	2	0052
258	None	N	5630	0	1211
259	This repair has no adverse impact on safety.	Y	5650	1	0115

	AR	AS	AT
250	N	12/13/2016	1
251	Y	11/21/2016	1
252	Y	11/21/2016	1
253	Y	11/16/2016	1
254	N	11/1/2016	1
255	Y		1
256	Y	12/3/2016	1
257	N	12/12/2016	1
258	Y	11/28/2016	1
259	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
260	15742	12/19/2016	NSX	FOI_NSX_VER_0026_BD_	Light-Duty Vehicles and Trucks	311813	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
261	15744	12/19/2016	TYX	TOYOTA-VERR-12192016	Light-Duty Vehicles and Trucks	4800	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
262	15753	12/21/2016	FMX	16E03	Light-Duty Vehicles and Trucks	13629	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
263	15754	12/22/2016	TKX	1011	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093	
264	15778	1/3/2017	CRX	S85	Light-Duty Vehicles and Trucks	29913	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
265	15780	1/5/2017	HNX	VERR-16-009	Light-Duty Vehicles and Trucks	1119	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421	
266	15781	1/6/2017	BMX	16E-A02	Light-Duty Vehicles and Trucks	1136	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
267	15782	1/6/2017	BMX	16E-A05	Light-Duty Vehicles and Trucks	24782	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
268	15824	1/19/2017	FMX	16E04	Light-Duty Vehicles and Trucks	10731	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
269	15827	1/20/2017	CRX	S90	Light-Duty Vehicles and Trucks	358	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
270	15837	1/23/2017	FJX	1701	Light-Duty Vehicles and Trucks	100021	Y					Mr John H Rugge Jr	jrugge@subaru.com	8564888514	
271	15878	1/30/2017	BMX	15E-W06	Light-Duty Vehicles and Trucks	255321	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
272	15879	1/30/2017	BMX	15E-W08	Light-Duty Vehicles and Trucks	10537	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
273	15880	1/30/2017	BMX	15E-W07	Light-Duty Vehicles and Trucks	3089	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com

	P	Q	R	S
260	On-Board Diagnostic (OBD) System	2/6/2017	2017	26
261	Computer Related (Other than OBD)	12/1/2016	2016	11
262	On-Board Diagnostic (OBD) System	1/9/2017	2017	1603
263	Fuel Delivery Component	12/23/2016	2016	1011
264	Fuel Tank Component	12/23/2016	2016	1685
265	On-Board Diagnostic (OBD) System	1/13/2017	2017	21
266	On-Board Diagnostic (OBD) System	1/3/2017	2017	1602
267	Turbocharger/Supercharger	1/3/2016	2016	1605
268	Fuel Tank Component	1/23/2017	2017	1604
269	Fuel Tank Component	1/12/2017	2017	1690
270	Secondary Air System	12/16/2016	2016	1701
271	Evaporative Emissions Systems	1/26/2017	2017	1561
272	Selective Catalytic Reduction System	1/24/2017	2017	1581
273	Evaporative Emissions Systems	1/24/2017	2017	1571

	T
260	On some 2016 and 2017 Nissan Altima vehicles, the MIL is illuminating prematurely for various A/F sensor DTCs (P014C, P014D, P015A, P015B). Nissan has investigated and found that silicone gas poisoning is potentially occurring on the non-exhaust gas side of the sensing element. If this occurs, it may cause a delayed sensor re
261	In the subject vehicles, the engine ECU programming may not be optimal under two, limited driving conditions. Under the first condition, if the vehicle is driven continuously downward from high altitude and is operated with minimal or no throttle input during that time, the engine ECU may not appropriately recognize the change in atmospheric pressure. This may result in an engine torque output that is different from the expected torque output under lower altitude conditions when the accelerator pedal is lightly depressed at the bottom of the descent. Under the second condition, if the vehicle is accelerated from a stop on a steep upward incline with simultaneous application of both the brake and accelerator pedal, there is a possibility that a transmission malfunction could be erroneously detected, placing the vehicle into ¿limp mode,¿ and resulting insufficient torque output to accelerate the vehicle.
262	Some 2017 MY 2.0L Fusion/MKZ HEV and Fusion PHEV vehicles were built with a calibration that incorrectly identifies a parameter storage location, which can result in disabling the evaporative emissions monitor.
263	Due to insufficient performance of heat resistance on top of the fuel tank, the fuel pump rings may deteriorate by exposure to heat from the engine and exhaust pipe. Therefore, continuous use may lead to eventual cracking of the fuel pump rings and subsequent fuel leakage. Note that a saddle-type fuel tank is used with two pu
264	Some 2016 MY Jeep® Grand Cherokee and Dodge Durango vehicles equipped with a 3.6L V6 engine may have experienced improper installation of the fuel rail crossover tube during engine assembly, which potentially could cause the tube to become damaged. Approximately 29,913 of these vehicles were built and shipped betw
265	Due to inappropriate calibration of the OBD system, the Three way catalytic converter (TWC) monitoring frequency may be insufficient to the standard for the In Use Performance Ratio (IUPR).
266	In case of a software-flash in BMW Services on models 335Ci M and 335Ci Convertible M (production period MY11 through MY13) between 03/2014 and 03/2015 (means after production), a faulty software was used. Due to a malfunction in the used software the diagnostics for rear oxygen sensor and catalyst monitoring could not
267	Due to coking and sooting within exhaust gas turbocharger, the density system of the turbo charger regarding exhaust gas does´n´t work proper any more. Analysis have shown that after long shut down intervals oil accumulates within turbo charger turbine. This oil, gets because of the coking of the gasket ring, on the turbine wheel and burns after cold start, generating "white smoke". To solve this problem an oil pipe with a non-return valve has been developed. This problem "white smoke" is only possible in conjunction with the hardware configuration injector/oil pipe without non-return valver built between 03/2012 and 04/2013 in production for models with N26 engine.
268	Some 2016 MY 1.6L GTDI and 2.5L gasoline-only Transit Connect vehicles were built with fuel filler pipes that incorrectly identified E85 as an acceptable fuel.
269	Some 2017 MY Jeep Wrangler vehicles may have been built with an incorrectly-assembled fuel tank, which, if so, have a cracked or broken control valve as a result of loose tooling on one of the two parallel fuel tank welding lines at FCA¿s supplier¿s manufacturing plant, causing some percentage of the parts produced to impact a
270	Some 2007-2009 Subaru Legacy/Outback (Turbo), 2008-2014 Impreza WRX/STI (Turbo), and 2009-2013 Forester (Turbo) models may experience the contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and
271	The affected part numbers 16137274147, 16137333301, 16137333302 and 16137315813 relate to the Fuel Pressure Switch Leak Diagnostic / Diagnostic Module NVLD (Natural Vacuum Leak Detection), which is used in several Test Groups for specific 3-Series, 5-Series, 6-Series. 7-Series and X3 models. The diagnostic module NVLD (Natural Vacuum Leak Detection) is used to monitor the evaporative emissions system/tank system for leakages. Inside the diagnostic module NVLD a poppet valve with a lip seal is used to seal the evaporative system form-closed from environment. Analyses have shown that the component was replaced due to the following reason: Lowest sediments (from environment) could cause a leak at the sealing area. As a result, in about 100% of all cases a fault code could be stored including MIL illumination. BMW decides to voluntarily add further Test Groups to the in the following EDIRs mentioned Test Groups.
272	The affected part number 16197244137 relates to the SCR Supply Module. Analyses have shown that in about 85% of all cases the component SCR Supply Module was replaced in service due to leakage. Failure Impact 1: Visible leakage of the SCR Supply Module (crystallization, leakage of the DEF (Diesel Exhaust Fluid)) Failure Impact 2: Internal leakages due to a too rough surface of the sealing face cause a stuck folk (internal component of the supply module). As a result the pressure build-up is not possible and the DEF cannot be transported anymore, which leads to a fault code storage and illumination of the MIL. In about 15% of all cases the component SCR Supply Module was replaced without having any malfunction (e.g. no fault code stored, no MIL or no leakages detected).
273	Based on warranty claims and subsequent investigations, BMW determined that a safety- related problem exists on a certain number of various BMW models, the nature of which has been outlined in the enclosed Voluntary Emission Warranty Extension Plan.

	U
260	Nissan will reprogram the ECM to update the active grille shutter logic to reduce the under hood temperatures, in specific driving conditions, in the vicinity of the A/F sensor. This change has been introduced into production on November 2nd.
261	All known owners of affected vehicles will be notified via first class mail that there is a Special Service Campaign for powertrain ECU software update.
262	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
263	The repair will be to replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank and be performed free of charge to vehicle owners.
264	FCA US will conduct an emission-related Voluntary Safety Recall (S85) on all affected vehicles to inspect for assembly damage to the fuel rail crossover tube and if necessary to install new fuel rail and lower intake manifold.
265	The PCM will be updated with a correct programming by a Honda dealership.
266	BMW has decided to conduct an emission recall to flash a modified software without the described malfunctions on all affected models 335Ci M and 335Ci Convertible M.
267	BMW will replace assembled oil pipe with the new oil pipe equiped with non-return valve. In case the turbocharger should be alreday pre-damaged, the turbocharger will be replaced as well.
268	Dealers will remove the reference to E85 as an acceptable fuel from the fuel filler pipe.
269	FCA US will perform a voluntary safety recall (S90) to inspect and replace, if necessary, the fuel tank assembly and fuel pump sending unit in the affected vehicles.
270	Subaru is replacing the secondary air injection pump relay under Subaru Safety Recall Product Campaign Bulletin WTM-73.
271	The corrective measure consists of extending the emissions warranty for the affected NVLD module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BMW will also
272	The corrective measure consists of extending the emissions warranty for the affected SCR Supply Module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
273	The corrective measure consists of extending the emissions warranty for the affected Leak Detection Module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing it with an improved version if the original fails during this extended warranty period. BMV

	V
260	RL Polk and/or internal records
261	For owner name and address information Toyota utilizes IHS Markit Data as the primary source and supplements with Toyota Customer Central Data if IHS Markit Data is not available.
262	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
263	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.
264	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
265	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
266	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
267	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
268	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
269	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
270	Subaru used R.L. Polk vehicle owner database for identifying the affected 2007-2014 model year Subaru 2.5L turbo vehicles registered in 50-States. All owners were notified by first class mail starting on December 16, 2016. Authorized Subaru Dealers received the attached Subaru Safety Recall Product Campaign Bulletin WTM-73
271	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
272	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
273	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.

	W
260	None required
261	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
262	Eligibility for this program is not conditioned upon proper maintenance or use.
263	There will be no restrictions on eligibility.
264	None.
265	No pre-conditions exist. Repair will be made free-of-charge.
266	Not applicable.
267	Not applicable.
268	Eligibility for this program is not conditioned upon proper maintenance or use.
269	None.
270	None.
271	not applicable
272	not applicable
273	not applicable

	X
260	Vehicle owners will be asked to make an appointment with their Nissan or Infiniti dealer.
261	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
262	See Owner Notification Letter.
263	As all Mazda dealers were provided with instructions and necessary software for repair prior to sending the owner notification letter scheduled on August 25, 2015, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.
264	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
265	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
266	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
267	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
268	See Owner Notification Letter.
269	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
270	Affected owners were requested by notification letter (see attached Subaru Safety Recall Product Campaign Bulletin WTM-73) to contact their authorized Subaru Dealer of choice and to make an appointment to have the corrective action performed at no charge. The time necessary to replace the secondary air injection pump rel
271	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
272	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
273	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Y
260	Only Nissan service technicians will be authorized to perform this remedy.
261	The repair will be performed at Toyota dealerships only, and will take approximately 1 hour to update the powertrain ECU software. However, depending upon the dealer¿s work schedule, the time spent in the dealership to complete the repair may be longer.
262	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
263	Repair work will be performed only by authorized Mazda dealers.
264	None.
265	Work can only be performed by an authorized Honda dealership.
266	Not applicable.
267	Not applicable.
268	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
269	None.
270	None.
271	not applicable
272	not applicable
273	not applicable

	Z
260	The correct ECM programs have been created and are available for use. No hardware is required for this service procedure.
261	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
262	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
263	Any authorized Mazda dealer can download the software for repair from the Mazda service network at any time.
264	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
265	Software update, no parts required.
266	The software update is provided to all authorized BMW centers via our service network.
267	New oil pipes and turbochargers are provided to all authorized BMW centers via our service network.
268	No parts are required for this repair.
269	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
270	Necessary replacement parts are readily available at the Subaru Regional Distribution Centers.
271	New parts are provided to all authorized BMW centers and MINI dealers via our service network.
272	New parts are provided to all authorized BMW centers and MINI dealers via our service network.
273	New parts are provided to all authorized BMW centers and MINI dealers via our service network.

	AA
260	
261	Reference: TYX-DIR-20161019; EPA EDIR# 0013 (submitted on 10/19/2016) Other Document: signed VERR letter
262	
263	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿9999¿ is mentioned as the EDIR number.
264	Actual Number Identified and Affected reflect the number of vehicles in campaign S85. Based on the number of damaged parts found during an inspection of suspect engine assemblies and vehicles, an estimated total of 30 vehicles may have a damaged fuel rail crossover tube. Over time, with fuel exposure, pressure pulsation and thermal cycling, a fuel leak may develop at the impacted location.
265	Related Documents: Customer Notification (Draft) Honda Service Bulletin 17-004 (Draft)
266	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
267	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
268	
269	"Actual Number Identified" reflects the number of vehicles in campaign S90. Affects only some 2017 MY Jeep Wrangler vehicles built on or after November 1, 2016 through November 3, 2016.
270	The revised version of Subaru Product Campaign Bulletin WTM-73, which contains dealer repair instructions and the owner notification letter, is being submitted to Verify system. Bulletin edits are highlighted in yellow.
271	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
272	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
273	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.

	AB	AC	AD
260	Fuel economy will not be impacted.		5905
261	This repair will not affect fuel consumption.		5906
262	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5907
263	There is no impact on fuel economy.		5908
264	None.		5925
265	None		5926
266	This repair has no adverse impact on fuel economy.		5945
267	This repair has no adverse impact on fuel economy.		5946
268	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		5986
269	None.		5987
270	None.		6005
271	An impact on emission is possible.		6025
272	This repair has no impact on emissions.		6026
273	This repair has no impact on emissions.		6027

	AE	AF	AG	AH
260		0	N	N
261		4	Y	Y
262		3	Y	Y
263		4	Y	Y
264		2	Y	N
265		2	Y	N
266		1	Y	N
267		1	N	N
268		3	Y	Y
269		2	Y	N
270		2	Y	N
271		1	N	N
272		1	N	N
273		1	N	N

	AI	AJ	AK	AL
260	N	N	244532	Drivability will not be impacted.
261	N	Y	244612	This repair will not affect drivability.
262	N	N	245525	Ford engineering judgment indicates that the corrective action should not affect drivability.
263	Y	N	245778	There is no impact on driveability.
264	N	N	247436	None.
265	N	N	247672	None
266	N	Y	247715	This repair has no adverse impact on driveability.
267	N	N	247725	This repair has no adverse impact on driveability.
268	N	N	248903	Ford engineering judgment indicates that the corrective action should not affect drivability.
269	N	N	249064	None.
270	N	N	249221	If the condition were to occur, extreme cases may result in damage to the secondary air injection pump and impact drivability.
271	N	N	250095	An impact on drivability is possible.
272	N	N	250097	This repair has no impact on driveability.
273	N	N	250098	This repair has no impact on driveability.

	AM	AN	AO	AP	AQ
260	Safety will not be impacted.	N	5670	0	0072
261	This repair will not affect safety.	N	5671	0	0013
262	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5690	0	1613
263	Replacing the fuel tank is able to eliminate a risk to safety, which is fuel leakage due to insufficient welding.	N	5691	0	9999
264	None.	N	5710	0	1625
265	None	Y	5711	0	0081
266	This repair has no adverse impact on safety.	Y	5712	1	0114
267	This repair has no adverse impact on safety.	N	5713	0	0136
268	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5751	0	1614
269	None.	N	5752	0	1624
270	If this condition were to occur, the Check Engine Light would illuminate and the secondary air injection pump may overheat and melt causing an odor and/or smoke to occur and possibly catching fire, which would be noticeable to the vehicle operator.	N	5770	0	1701
271	This repair has no impact on safety.	N	5790	1	0022,0102,0101,0112
272	This repair has no impact on safety.	N	5791	1	0088
273	This repair has no impact on safety.	N	5792	1	0089

	AR	AS	AT
260	N	3/17/2017	1
261	Y		1
262	Y		1
263	Y	12/24/2016	1
264	Y	12/24/2016	1
265	N	1/16/2017	1
266	N		1
267	N		1
268	Y		1
269	Y	1/13/2017	1
270	Y	12/17/2016	1
271	N		1
272	N		1
273	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
274	15922	2/10/2017	CRX	S89	Light-Duty Vehicles and Trucks	43032	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
275	15936	2/17/2017	BMX	16E-A01	Light-Duty Vehicles and Trucks	5256	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
276	15965	2/27/2017	HNX	WER-15-017-00	Light-Duty Vehicles and Trucks	13603	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421	
277	15976	3/1/2017	BMX	16E-A04	Light-Duty Vehicles and Trucks	3850	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Carlheinz.Bayer@bmwna.com
278	15979	3/2/2017	FMX	16E05	Light-Duty Vehicles and Trucks	6482	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
279	15986	3/7/2017	TYX	TOYOTA-VERR-20170307	Light-Duty Vehicles and Trucks	37300	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
280	16000	3/20/2017	TYX	TOYOTA-VERR-20170320	Light-Duty Vehicles and Trucks	47300	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
281	16016	3/24/2017	VGA	VG-0012	Light-Duty Vehicles and Trucks	737	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203	n/a
282	16017	3/24/2017	NLX	NL-0001	Light-Duty Vehicles and Trucks	729	Y					Mr Leonard Kata	leonard.kata@vw.com	248-754-4204	n/a
283	16051	3/31/2017	HNX	VERR-17-003	Light-Duty Vehicles and Trucks	136	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421	

	P	Q	R	S
274	Computer Related (Other than OBD)	2/8/2017	2017	1689
275	Fuel Delivery Component	2/17/2017	2017	1601
276	Ignition Component	3/7/2017	2017	19
277	On-Board Diagnostic (OBD) System	2/21/2017	2017	1604
278	On-Board Diagnostic (OBD) System	2/22/2017	2017	1605
279	Exhaust System	2/15/2017	2017	1701
280	Secondary Air System	2/28/2017	2017	1702
281	Fuel Delivery Component	2/24/2017	2017	12
282	Fuel Delivery Component	2/24/2017	2017	1
283	Fuel Tank Component	4/24/2017	2017	23

	T
274	Some 2016 MY Dodge Journey equipped with a 2.4L engine and 2016 MY Jeep® Patriot and Jeep® Compass vehicles equipped with a 2.0L or 2.4L engine may experience a Malfunction Indicator Lamp ("MIL") illumination, vehicle no start, or engine stalling while driving due to a spread terminal in the crankshaft or camshaft sensor
275	The affected part number 13538616079 relates to the Fuel Injector by supplier Continental Pisa. This part is used in production beginning with 02/2013. In addition component fuel injector with part number 13538616079 is used as replacement part in service in case fuel injector with part number 13537585261 original built in production by 02/2013 has to be replaced in service due to a malfunction. Component fuel injector with part number 13538616079 was/is working properly and had/has in general no malfunction. Analyses have shown that the original built fuel injector with part number 13537585261 was replaced in service by fuel injector with part number 13538616079 in about 85% due to a malfunction including storage of a corresponding fault code including MIL illumination. Main reason for replacement of fuel injectors in field are variations in the production process by the supplier, which could lead to following malfunctions of the fuel injector (including fault code storage and MIL activation): 1) Gelation of the compensator could occur after a dead time of 2 up to 3 years due to oxygen entered in the compensator oil of the fuel injector. 2) Leakages of the fuel injector at the tip of the injection needle (¿tip leak¿) due to cracked filter caused by particle inside the injector. In the other about 15% of all cases the component fuel injector was replaced without having a malfunction (no corresponding fault code storage and MIL illumination).
276	Due to inappropriate specification of the piston oil ring, soot may intermittently deposit to oil ring which results in excessive consumption of the engine oil. The excess oil may foul the spark plug and result in pre-ignition which breaks the ground electrode. The broken ground electrode of the spark plug may be stuck in the exhaust
277	OBD requires all diagnosis for emission relevant components to be in a functional state. To indicate that functional state readiness bits have to be set. Due to a software bug in the ECM not all readiness bits have been calculated correct to proof a 100% readiness of OBD diagnosis functions. This malfunction has been now identifi
278	Some 2015 MY 3.5L Transit GTDI vehicles were built with a calibration that will detect catalyst monitor sensor (CMS) faults but not illuminate the MIL. This can result in disabling the catalyst monitor.
279	Toyota has received reports that certain 2006 through 2008 Model Year RAV4 vehicles (equipped with a V6 (2GR) engine) operated in specific cold climate areas where high amounts of road salt are used (¿Cold Climate States¿) may exhibit more-than-normal corrosion to the vehicle¿s Center No.2 Exhaust Pipe sub-assembly (mufff
280	Under certain conditions, Lexus has received some reports of the illumination of the check engine light (Malfunction Indicator Lamp) due to moisture/water intrusion and/or debris from the air pump filter getting stuck in the Air Injection Pumps and Air Switching Valves. If this occurs, the vehicle Malfunction Indicator Lamp (MIL) may illuminate and Diagnostic Trouble Code (DTC) P0418, P2445, P2440 and P2442 may be set.
281	In case of fuel tank heavily overfilled and in particular handling conditions, liquid fuel could reach the carbon canister. If purge valves are reached by fuel this could affect the functionality of the fuel EVAP system. This is worsened in case of winter fuel usage. Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed. List of Parts to be replaced: ECM Software - 470909049AL Combination Valve - 450201752 LDP Pump - 3C0906271A AKF Carbon Canister - 3D0201801F Valve FLW - 470201521D AKF Valve - 06H906517AB ECU Holder - 470927743C Bracket - 470121703D Bracket - 470201938 Bracket AKF - 470201898B Hose - 470201153C Hose - 470201384A Hose - 470201352A Hose - 470201817 Hose - 470201938 Breather Hose - 470121491C Ventilation Hose - 470201728B Ventilation Hose - 407201730B Ventilation Hose - 470201411A Grounding Plate - 400201211 Screw - N10430104
282	In case of fuel tank heavily overfilled and in particular handling conditions, liquid fuel could reach the carbon canister. If purge valves are reached by fuel this could affect the functionality of the fuel EVAP system. This is worsened in case of winter fuel usage. Note: Even though this is a Safety Recall, Volkswagen Group of America decided to pro-actively submit this VERR to EPA as a courtesy copy due to the fact a "MIL On condition" can be observed. List of Parts to be replaced: ECM Software - 470909049AL Combination Valve - 450201752 LDP Pump - 3C0906271A AKF Carbon Canister - 3D0201801F Valve FLW - 470201521D AKF Valve - 06H906517AB ECU Holder - 470927743C Bracket - 470121703D Bracket - 470201938 Bracket AKF - 470201898B Hose - 470201153C Hose - 470201384A Hose - 470201352A Hose - 470201817 Hose - 470201938 Breather Hose - 470121491C Ventilation Hose - 470201728B Ventilation Hose - 407201730B Ventilation Hose - 470201411A Grounding Plate - 400201211 Screw - N10430104
283	Some plastic fuel tanks may have been manufactured with incorrect material, which can cause separation within the fuel tank walls allowing for fuel leakage.

	U
274	FCA US will perform a voluntary safety recall (S89) to remove and replace the crankshaft and camshaft wiring connector in the affected vehicles.
275	BMW will conduct a voluntary emission recall for all affected X5 xDrive M and X6 xDrive M models listed in MY 2010 Test Group ABMXT04.4S63, MY 2011 Test Group BBMXT04.4S63, MY 2012 Test Group CBMXT04.4S63 and MY 2013 Test Group DBMXT04.4S63 (only up to production 02/2013) by robust hardware. Fuel injectors built a
276	Dealers will conduct an engine oil consumption test, if determined necessary, replacement of all pistons, piston pins, rings and spark plugs.
277	BMW has decided to conduct an emission recall to flash a modified software without the described malfunctions on all affected Z4 models.
278	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
279	All known owners of affected vehicles will be notified via first class mail that there is a Special Service Campaign for inspection and repair of Exhaust Pipe Sub-Assembly(Muffler).
280	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement program for repair of the Air Injection Pump and Air Switching Valves.
281	Automobili Lamborghini S.p.A. has initiated a Safety Recall to address the issue described above. All authorized Lamborghini dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
282	Automobili Lamborghini S.p.A. has initiated a Safety Recall to address the issue described above. All authorized Lamborghini dealers will be notified of this Safety Recall, and owners of affected vehicles will be mailed a notification letters that includes all needed information regarding this issue.
283	The fuel tank will be replaced by a Honda dealership.

	V
274	FCA US provides the US VIN list for a specific service action to Polk/IHS for the latest customer name and address information. Polk/IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). Polk/IHS sends this information to FCA US, which is the
275	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
276	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
277	BMW will use an internal customer database to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
278	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
279	For owner name and address information Toyota utilizes IHS Markit Data as the primary source and supplements with Toyota Customer Central Data if IHS Markit Data is not available.
280	For owner name and address information, Toyota utilizes IHS Markit Data as the primary source and supplements this with Toyota Customer Central Data, if IHS Markit Data is not available.
281	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
282	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
283	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.

	W
274	None.
275	Not applicable.
276	The warranty extension is valid except for any vehicle that has ever been declared a total loss or sold for salvage by a financial institution or insurer, or has a branded, or similar title under any state's law.. Repair will be made free-of-charge.
277	Not applicable.
278	Eligibility for this program is not conditioned upon proper maintenance or use.
279	No special conditions are required for eligibility of repair under this special service campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideration.
280	No special conditions are required for eligibility of repair under this warranty enhancement program. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement considerat
281	There are no maintenance or eligibility requirements.
282	There are no maintenance or eligibility requirements.
283	No pre-conditions exist. Repair will be made free-of-charge.

	X
274	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
275	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
276	Owners will be notified by mail. Refer to attached owner notification letter. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
277	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
278	See Owner Notification Letter.
279	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
280	The notification letter will include coverage of this warranty enhancement program.
281	Automobili Lamborghini S.p.A. will notify all owners of affected vehicles and will instruct them to arrange for an appointment with and authorized Lamborghini dealer. Dealers will upgrade the EVALP system free of charge Dealer Notification: February 17, 2017 Customer Notification: February 24, 2017
282	Automobili Lamborghini S.p.A. will notify all owners of affected vehicles and will instruct them to arrange for an appointment with and authorized Lamborghini dealer. Dealers will upgrade the EVALP system free of charge Dealer Notification: February 17, 2017 Customer Notification: February 24, 2017
283	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.

	Y
274	None.
275	Not applicable.
276	Work can only be performed by an authorized Honda dealership.
277	Not applicable.
278	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
279	The repair will be performed at Toyota dealerships only, and will take approximately 1 and a half hour to inspection and repair the Muffler. However, depending upon the dealer¿s work schedule, the time spent in the dealership to complete the repair may be longer.
280	The repair will be performed at Toyota or Lexus dealerships only, and will take approximately 3 hours. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
281	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
282	It is anticipated that all affected vehicles will be remedied by authorized dealers of the manufacturer.
283	Work can only be performed by an authorized Honda dealership.

	Z
274	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
275	Fuel injectors (part# 13538616079) are provided to all authorized BMW centers via our service network.
276	Currently have a sufficient supply of replacement parts available.
277	The software update is provided to all authorized BMW centers via our service network.
278	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
279	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
280	There is sufficient inventory of the replacement parts to accommodate this recall.
281	Affected authorized Lamborghini dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
282	Affected authorized Lamborghini dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
283	Currently have a sufficient supply of replacement tanks available.

	AA
274	"Actual Number Identified" reflects the number of vehicles in campaign S89. Affects only some 2016 MY Dodge Journey vehicles equipped with a 2.4L and 2016 MY Jeep® Compass and Jeep® Patriot vehicles equipped with a 2.0L or 2.4L engine engine built on or after May 9, 2016 through July 15, 2016.
275	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
276	Attachments: Customer Letter Honda Product Update TSB 16-101 Honda is submitting the enclosed Warranty Extension Report (WER) related to an emission-related defect for which 25 or more vehicle owners are affected and have subsequently been notified of a remedy. This report is submitted following the provisions for submittal of Voluntary Emissions Recall Reports (VERR) even though the specific action described in this report is not considered by Honda to be a recall.
277	
278	
279	Other: VERR signed letter
280	Other: Signed VERR letter
281	Forwarding Letter - CBI
282	Forwarding Letter - CBI
283	Related Documents: Draft Customer Notification Honda Service Bulletin 17-021

	AB	AC	AD
274	None.		6045
275	This repair may impact emission/fuel economy.		6065
276	None.		6105
277	This repair has no adverse impact on fuel economy.		6125
278	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6126
279	This repair will not affect fuel consumption.		6145
280	This repair will not affect fuel consumption.		6165
281	Not applicable		6185
282	Not applicable		6186
283	None.		6205

	AE	AF	AG	AH
274		2	Y	N
275		1	N	N
276		2	Y	N
277		0	N	N
278		3	Y	Y
279		4	Y	Y
280		4	Y	N
281		3	Y	N
282		3	Y	N
283		2	Y	N

	AI	AJ	AK	AL
274	N	N	251392	None.
275	N	N	252309	This repair has no adverse impact on driveability.
276	N	N	253131	None.
277	N	N	253378	This repair has no adverse impact on driveability.
278	N	N	253573	Ford engineering judgment indicates that the corrective action should not affect drivability.
279	N	Y	254016	This repair will not affect drivability.
280	N	Y	255366	This repair will not affect driveability.
281	N	Y	256042	Not applicable
282	N	Y	256050	Not applicable
283	N	N	256989	None.

	AM	AN	AO	AP	AQ
274	None.	N	5810	0	1620
275	This repair has no adverse impact on safety.	N	5830	1	0116
276	None.	Y	5850	0	0068
277	This repair has no adverse impact on safety.	N	5851	1	0127
278	Ford engineering judgment indicates that the corrective action should not affect safety.	N	5852	0	1615
279	This repair will not affect safety.	N	5870	0	0014
280	This repair will not affect safety.	Y	5890	0	0004
281	NTHSA Safety Recall. EVAP system component faults could cause fuel vapors not treated properly. With not properly treated fuel vapor, particular maneuvers, as example engine over revving at idle, could imply contact between fuel vapor and hot gases. Especially if combined with a not approved after-market exhaust system, this could lead to a risk of fire.	N	5910	0	9999
282	NTHSA Safety Recall. EVAP system component faults could cause fuel vapors not treated properly. With not properly treated fuel vapor, particular maneuvers, as example engine over revving at idle, could imply contact between fuel vapor and hot gases. Especially if combined with a not approved after-market exhaust system, this could lead to a risk of fire.	N	5911	0	9999
283	Reduced risk of fire by eliminating the potential for a fuel leak.	Y	5930	0	0090

	AR	AS	AT
274	Y	2/9/2017	1
275	N		1
276	N	3/8/2017	1
277	N		1
278	Y		1
279	Y		1
280	Y		1
281	Y	3/24/2017	1
282	Y	3/24/2017	1
283	N	4/25/2017	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
284	16082	4/12/2017	TYX	TOYOTA-VERR-20170411	Light-Duty Vehicles and Trucks	11470	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
285	16086	4/14/2017	TYX	TOYOTA-VERR-20170414	Light-Duty Vehicles and Trucks	1227	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
286	16096	4/19/2017	HNX	VERR-17-002	Light-Duty Vehicles and Trucks	193486	Y					Mr Tin Bui	tin_bui@ahm.honda.com	310-783-3421	
287	16109	4/27/2017	GMX	1335	Light-Duty Vehicles and Trucks	29	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
288	16110	4/27/2017	GMX	1326	Light-Duty Vehicles and Trucks	77389	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
289	16120	5/2/2017	BMX	16E-W03	Light-Duty Vehicles and Trucks	19800	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
290	16123	5/3/2017	CRX	T02	Light-Duty Vehicles and Trucks	2766	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
291	16139	5/9/2017	CRX	T08	Light-Duty Vehicles and Trucks	1009	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
292	16156	5/16/2017	BMX	16E-W01	Light-Duty Vehicles and Trucks	36098	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
293	16157	5/17/2017	GMX	1342	Light-Duty Vehicles and Trucks	12540	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
294	16158	5/18/2017	FMX	17E03	Light-Duty Vehicles and Trucks	251	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	

	P	Q	R	S
284	Ignition Component	3/30/2017	2017	1703
285	Computer Related (Other than OBD)	4/14/2017	2017	1704
286	Computer Related (Other than OBD)	5/15/2017	2017	22
287	Hybrid Vehicle Component/System	4/24/2017	2017	1335
288	Catalyst/Aftertreatment Component/System (non-diesel engine)	4/24/2017	2017	1326
289	Turbocharger/Supercharger	4/10/2017	2017	3
290	Computer Related (Other than OBD)	5/1/2017	2017	1702
291	Fuel Delivery Component	4/27/2017	2017	1708
292	Selective Catalytic Reduction System	2/20/2017	2017	4
293	Exhaust System	5/16/2017	2017	1342
294	Fuel Tank Component	5/15/2017	2017	1703

	T
284	Toyota has received reports of customer concerns regarding a combination of noise, roughness at idle, stalling when coming to a stop, and/or a stall on start up. Field investigation reports revealed a buildup of carbon in the combustion chambers caused by inadequate design clearance between the cylinder head and valve cove
285	Under unique driving conditions, such as if the accelerator pedal is depressed to the wide open throttle position after driving on a long descent while using cruise control, there is a possibility that a warning light will illuminate, a message will be displayed on the instrument panel, and the fuel cell system will stop running. If the fuel cell system stops running, electric power steering and the brakes will function normally. The fuel cell system can be restarted after the vehicle is stopped. Also, if the fuel cell system is turned on immediately after refueling, the fuel cell control module may improperly determine that the vehicle is still being refueled and turn off the fuel cell system, also disabling the electric power assisted steering. The vehicle can then be restarted after this occurs.
286	Due to an improper PCM calibration under certain conditions after starting the engine, the PCM cannot properly adjust the air-fuel ratio. As a result, the vehicle may be releasing air pollutants that exceed emissions standards.
287	General Motors has reviewed vehicle assembly quality inspection data and determined that on certain vehicles an electrical connector on the drive motor power inverter module may not have been properly connected and locked to the mating connector. If this connector would become disconnected the MIL will illuminate and
288	In certain vehicles thermal cracking of the catalytic converter washcoat ceramic substrate may occur as a result of higher than anticipated exhaust temperatures.
289	The affected part number 11747626351 relates to the Pressure Converter. In about 90% of all cases the component Pressure Converter was replaced in service due to a mechanical defect. This mechanical defect could be caused either by contamination of the filter or by leackages/cracks of the membrane due to chemical damag
290	Certain 2012 and 2013 MY Chrysler 300 and Dodge Charger vehicles equipped 8-Speed Automatic Transmission were flashed with incorrect Monostable Shifter Safety Recall (S27(16V240)/S50) software (Transmission Control Module) calibration due to the WiTECH service diagnostic tool presenting the technicians with a drop dow
291	Some 2017 MY Dodge Journey vehicles may have been manufactured with a fuel supply line that was damaged during manufacturing and may result in a fuel leak.
292	The affected part number 16197244138 relates to the Active Tank for SCR Reagent. BMW Diesel models X5 xDrive 35d are equipped with a SCR (Selective Catalyst Reduction) System to reduce NOx emissions. This SCR system contains a SCR active tank including a temperature sensor to control the heating strategy for the AdBlue (ammonia-water dilution) in the active tank. There are different reasons which cause the replacement of component active tank: i+ii) Leackages (inside and outside): Due to a not properly working gasket inside (leaking level sensor) and outside (fluid can diffuse beginning at the cable head), AdBlue can diffuse in the temperature sensor causing a sensor failure (e.g. short circuit) or a resistance failure. As a result a fault code is stored including MIL illumination since the heating strategy for the AdBlue in the SCR active tank is lost. An improved hardware was introduced in production beginning with 06/09 (inside leackages) and with 06/10 (outside leackages). iii) Pseudo-flaw: Due to testing of the heating (heating activation for about 15 seconds due to OBD monitoring reasons in the summer period), an interfering voltage affects the level sensor which results in the ¿misinterpretation¿ of a sensor failure (¿open load¿). As a result a fault code is stored including MIL illumination. The improved software was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2012 Diesel models X5 xDrive 35d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03). iv) No reason found for replacement: In all other cases the component active tank seems to be replaced without any reason (e.g. no fault code storage and no MIL illumination).
293	General Motors has identified a potential defect on some Chevrolet Cruze diesel vehicles where soot may build up on the position 1 nitrogen oxide (NOx) sensor and/or the position 1 oxygen sensor. This results in a slow response of these sensors and a setting of the P22FA (position 1 NOx sensor) and/or P0133 (oxygen sensor) diagnostics. The driver is informed by the malfunction indicator light. Preliminary testing shows vehicles with this condition do not show an increase in tailpipe emissions. To address this problem, General Motors previously conducted voluntary emission recall 15594 to update the Engine Control Module (ECM) software/calibration to use the position 1 NOx sensor as the Lambda signal and to also replace the position 1 NOx sensor. General Motors suspended that recall on February 7, 2017 when it was identified that certain vehicles serviced with the recall set the P11DC (NOx sensor position 2) diagnostic. Under certain driving conditions the new ECM software/calibration did not correctly identify when the Lambda signal was stable.
294	Some 2017 MY 2.0L MKC gasoline turbocharged direct injection (GTDI) and 2.3L MKC GDTI vehicles were built with fuel filler pipes that incorrectly identified E85 as an acceptable fuel.

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284	All known owners of affected vehicles will be notified via first class mail that there is a warranty enhancement for a combination of abnormal noise and rough idle caused by internal carbon deposit in the combustion chambers.
285	All known owners of affected vehicles will be notified via first class mail that there is a SSC and that they will have their vehicles ¿Reflashed¿ at a Toyota dealership under warranty.
286	The PCM will be updated with a correct programming by a Honda dealership.
287	General Motors will conduct a Voluntary Emissions Recall on vehicles identified with the potential defect to inspect the drive motor power inverter module connector and ensure that it is properly connected.
288	General Motors will conduct a Voluntary Emissions Recall to program the ECM with calibrations that lower the maximum exhaust temperature to within the operating range of the catalytic converter.
289	BMW will extend emission warranty to 10 year / 120.000 miles full useful life for component pressure converter for all models in test group CBMXV03.0F10 of Model Year 2012.
290	FCA US will perform a voluntary emissions related customer satisfaction notice (T02) to reflash the TCM to the intended configuration in the Monostable Shifter recall (S27(16V240)/S50).
291	FCA US will conduct a Customer satisfaction notice (T08) on all affected vehicles in to replace the fuel supply line.
292	i) Leakages (inside): An improved hardware (the seal/gasket was modified to have the ribs to the outside) was introduced in production beginning with 01/09. ii) Leakages (outside): An improved hardware (a shrinking hose with hotmelt ensureing that no water from the ambient can enter the internal area of the sensor) was introduced in production beginning with 06/10. iii) Pseudo-flaw: The improved software (Disabling the monitoring of the ¿open load¿ sensor diagnostic for 15 seconds during tank heater activation and deactivation) was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models during different service campaigns active in field. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
293	General Motors will conduct a new voluntary emission recall on these 2014-2015 Cruze diesel Vehicles with 2.0L diesel engines to update the Engine Control Module (ECM) software/calibration to use the position 1 NOx sensor as the Lambda signal along with improved stability detection of the Lambda signal. The position 1 NOx
294	Dealers will replace the fuel filler pipe with one indicating the vehicle is capable of gasoline-only (E0-E15) operation. There is no functional difference between the filler pipes.

	V
284	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in end of March and will be completed by earl
285	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning on March 30, 2017 and will be completed in Ap
286	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
287	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
288	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
289	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
290	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail le
291	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail le
292	BMW will work with Experian to obtain names and addresses of the affected vehicle owners. The vehicle owners will be notified through First Class Mail.
293	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
294	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.

	W
284	No special conditions are required for eligibility of repair under this ZG8 program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re
285	No special conditions are required for eligibility of repair under this H0E program.
286	No pre-conditions exist. Repair will be made free-of-charge.
287	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
288	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
289	Not applicable.
290	None.
291	None.
292	Not applicable.
293	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
294	Eligibility for this program is not conditioned upon proper maintenance or use.

	X
284	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
285	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
286	Owners will be notified by mail. Refer to attached DRAFT owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
287	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
288	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
289	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
290	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
291	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
292	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
293	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
294	See Owner Notification Letter.

	Y
284	The repair will be performed at Toyota dealerships only, and it will take approximately 5.5 hours for repair. However, this period may be longer depending upon dealers work schedule.
285	The repair will be performed at Toyota dealerships only, and it will take approximately 1.0 hour for repair. However, this period may be longer depending upon dealers work schedule.
286	Work can only be performed by an authorized Honda dealership.
287	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
288	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
289	Not applicable.
290	None.
291	None.
292	Not applicable.
293	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
294	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.

	Z
284	There is sufficient inventory of the replacement parts to accommodate this warranty enhancement program ZG8. Please refer to POL17-05 for instructions.
285	There is sufficient inventory of the replacement parts to accommodate this SSC.
286	Software update, no parts required.
287	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
288	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
289	New parts are provided to all authorized BMW centers via our service network.
290	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM.
291	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
292	New parts are provided to all authorized BMW centers via our service network.
293	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
294	Dealers are to obtain parts for this repair through the Special Service Support Center.

	AA
284	Other: signed VERR letter
285	Other: Signed VERR letter
286	Related Documents: Draft Customer Notification Honda Service Bulletin 17-023
287	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
288	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
289	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
290	Affects only certain 2012 - 2013 MY Chrysler 300 and Dodge Charger vehicles built on or after June 9, 2011 through February 15, 2013.
291	"Actual Number Identified" reflects the number of vehicles in campaign T08 Affects only some 2017 MY Dodge Journey vehicles built from November 29, 2016 through December 22, 2016.
292	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
293	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
294	-The HFMXT02.02HA test group includes both Escape and MKC vehicles. However, only MKC vehicles are included in this field service action.

	AB	AC	AD
284	This repair will not affect fuel economy.		6225
285	This repair will not affect fuel economy.		6226
286	None		6245
287	The proposed changes have no impact on fuel economy.		6265
288	The proposed changes have no impact on fuel economy.		6266
289	This repair has no adverse impact on fuel economy.		6270
290	None.		6271
291	None.		6285
292	This repair has no adverse impact on fuel economy.		6305
293	The proposed changes have no impact on fuel economy.		6306
294	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6307

	AE	AF	AG	AH
284		4	Y	N
285		2	Y	Y
286		2	Y	N
287		1	N	N
288		1	N	N
289		0	N	N
290	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
291	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck. Previous change form version number was not updated to 01. This change is to make the file name and form version number match.	2	Y	N
292		0	N	N
293		1	N	N
294		3	Y	Y

	AI	AJ	AK	AL
284	N	Y	258214	This repair will not affect driveability.
285	N	Y	258536	This repair will not affect driveability.
286	N	N	258883	None
287	N	N	259794	The proposed changes have no impact on drivability.
288	N	N	259796	The proposed changes have no impact on drivability.
289	N	N	260372	This repair has no adverse impact on driveability.
290	N	N	260493	None.
291	N	N	261138	None.
292	N	N	262370	This repair has no adverse impact on driveability.
293	N	N	262524	The proposed changes have no impact on drivability.
294	N	N	262788	Ford engineering judgment indicates that the corrective action should not affect drivability.

	AM	AN	AO	AP	AQ
284	This repair will not affect safety.	Y	5950	0	0015
285	This repair will not affect safety.	N	5951	0	1702
286	None	Y	5970	0	0089
287	The proposed changes have no impact safety.	N	5990	0	1335
288	The proposed changes have no impact safety.	N	5991	0	1326
289	This repair has no adverse impact on safety.	N	6013	0	0142
290	None.	N	6014	0	1702
291	None.	N	6030	2	1705
292	This repair has no adverse impact on safety.	N	6050	0	0132,0065,0051
293	The proposed changes have no impact safety.	N	6051	0	1290
294	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6052	0	1707

	AR	AS	AT
284	Y		1
285	Y		1
286	N	5/16/2017	1
287	Y		1
288	Y		1
289	N		1
290	Y	5/2/2017	1
291	Y	4/28/2017	1
292	N		1
293	Y		1
294	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
295	16180	5/23/2017	BMX	16E-W11	Light-Duty Vehicles and Trucks	34274	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
296	16237	6/5/2017	CRX	T15	Light-Duty Vehicles and Trucks	27018	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
297	16277	6/20/2017	FMX	17E02	Light-Duty Vehicles and Trucks	3436	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
298	16283	6/21/2017	FMX	17E01	Light-Duty Vehicles and Trucks	43379	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
299	16285	6/23/2017	BMX	17E-A02	Light-Duty Vehicles and Trucks	447	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
300	16286	6/23/2017	BMX	17E-A01	Light-Duty Vehicles and Trucks	1379	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
301	16295	6/26/2017	GMX	1343	Light-Duty Vehicles and Trucks	44	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
302	16310	6/30/2017	BMX	16E-W05	Light-Duty Vehicles and Trucks	9061	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
303	16311	6/30/2017	BMX	16E-W10	Light-Duty Vehicles and Trucks	653614	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
304	16312	6/30/2017	BMX	16E-W09	Light-Duty Vehicles and Trucks	1656	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
305	16313	6/30/2017	BMX	17E-W04	Light-Duty Vehicles and Trucks	38640	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com

	P	Q	R	S
295	Evaporative Emissions Systems	5/22/2017	2017	5
296	Fuel Delivery Component	6/1/2017	2017	1715
297	On-Board Diagnostic (OBD) System	5/30/2017	2017	1702
298	On-Board Diagnostic (OBD) System	5/31/2017	2017	1701
299	Evaporative Emissions Systems	6/5/2017	2017	6
300	Hybrid Vehicle Component/System	6/6/2017	2017	8
301	Emission Control Information Label	6/26/2017	2017	1343
302	Selective Catalytic Reduction System	5/26/2017	2017	9
303	Crankcase Ventilation Component/System	5/26/2017	2017	10
304	Hybrid Vehicle Component/System	6/23/2017	2017	12
305	NOx Sensor	6/23/2017	2017	13

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295	The affected part number 13907624542 relates to component purge valve. Analysis have shown that in about 95% of all cases component has been replaced due to component error stuck open/closed (caused e.g. by emitted particles from activated carbon filter or other pollution within fuel system). This error triggers a fault cod
296	On some 2016 MY RAM 1500 vehicles equipped with a 5.7L engine (sales code EZH) and six speed automatic transmission (sales code DG1), and some 2016 MY RAM 2500 and RAM 3500 vehicles equipped with a 5.7L (sales codes EZH or EZC) or 6.4L engine (sales code ESA or ESB) with a six speed automatic transmission (sales code
297	Some 2016 and 2017 MY 2.3L Focus RS gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range intake air temperature (IAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or asso
	Some 2017 MY 2.7L F-150 gasoline turbocharged direct injection (GTDI) vehicles were built with a calibration that is unable to detect in-range ambient air temperature (AAT) sensor faults. Some faults in this sensor can result in disablement of major OBD monitors without malfunction indicator light illumination or associated diagnostic trouble codes. Some 2016 MY 2.7L F-150 GTDI vehicles were also serviced with this calibration.
298	Note: 2016 MY 2.7L F-150 GTDI vehicles were built with a calibration that is able to detect in-range AAT sensor faults (i.e., only serviced 2016 MY vehicles are affected).
299	Because of a quality check problem within the supply chain, serious damaged charcoil canisters have been used in production from 02/03/2017 till 02/07/2017. Affected are models from model year 2017 test groups HBMXJ02.0N20 and HBMXT03.0N55 as listed below. OBD II system evaporative leak detection diagnosis has ident
300	BMW has identified a problem within control module Standard Charging Electronic during charging process for models produced from 06/2016 till 12/2016. The failure could be described as follows: Within 10 seconds after ramp up charging power the charging process is stopped. A red signal light (corona) indicates this break and a fault code is stored. At next driving cycle the customer will have no electrical power as expected for driving. Conventional driving is still possible and recuperation is not affected by this failure. The failure occurs at random level and so is not persistently indicated. In such cases charging is possible.
301	Certain 2016 Cadillac CT6 vehicles equipped with 3.0L engines that were certified to meet California emission standard "ULEV125" were built with a Vehicle Emission Control Information Labels that incorrectly identified the applicable California emission standard as "ULEV Qualified".
302	The affected part number 16197204623 relates to the Tank for SCR Reagent. BMW Diesel models 335d are equipped with a SCR (Selective Catalyst Reduction) System to reduce NOx emissions. This SCR system contains a SCR active tank including a temperature sensor to control the heating strategy for the AdBlue (ammonia-water dilution) in the active tank. There are different reasons which cause the replacement of component active tank: i+ii) Leackages (inside and outside): Due to a not properly working gasket inside (leaking level sensor) and outside (fluid can diffuse beginning at the cable head), AdBlue can diffuse in the temperature sensor causing a sensor failure (e.g. short circuit) or a resistance failure. As a result a fault code is stored including MIL illumination since the heating strategy for the AdBlue in the SCR active tank is lost. An improved hardware was introduced in production beginning with 01/09 (inside leackages) and 06/10 (outside leackages). iii) Pseudo-flaw: Due to testing of the heating (heating activation for about 15 seconds due to OBD monitoring reasons in the summer period), an interfering voltage affects the level sensor which results in the ¿misinterpretation¿ of a sensor failure (¿open load¿). As a result a fault code is stored including MIL illumination. The improved software was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models 335d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03). iv) No reason found for replacement: In all other cases the component active tank seems to be replaced without any reason (e.g. no fault code storage and no MIL illumination).
303	The affected part number 16137333302 relates to the component Leak Diagnostic Module, which is used in production and as replacement part beginning with 06/2014 in case the original built part number 16137315813 for component Leak Diagnostic Module is malfunctioning. In FIR 0E-3.0-1 BMW has already reported the same component but with different component number as part number 16137333301 is only used in a certain product line including 5 series and X3 models. All other models within this test group were equipped with part number 16137333302. The Leak Diagnostic Module with part number 16137333302 is used to monitor the evaporative emissions system/tank system for leakages. Inside the diagnostic module a pappet valve with a lip seal is used to seal the evaporative system form-closed from environment. Analyses have shown that the component was replaced due to the following reason: Lowest sediments (from environment) could cause a leak at the sealing area. As a result, in about 100% of all cases a fault code could be stored including MIL illumination.
304	The component with part number 34336857404 relates to the vacuum pump. It has been used since 03/2013 in production and as replacement part in service, in case originally build component with part number 34336797749 has been malfunctioning. Analysis have shown that in 100% of all cases the vacuum pump has been replaced because of a broken rotor that disabled the component function. This malfunction prevents electrical driving and is detected by the control module through current measurements firing the MIL and storing a fault code. The reason for the malfunction has been identified in the used calibration oil, the rotor material and the prodcution process of the component and has been solved in two steps. First step took effect in 09/12 with improved production process and usage of different oil. The second step took effect in 03/13 with introduction of more robust rotor elements.
305	The affected part numbers 13628511665, 13628576470, 13628576471 and 13628576469 all relate to the component NOx sensor (either upstream or downstream SCR catalyst sensors). These components have been used in production of the above listed test groups within model years 2012 and 2013, covering the period of 10/

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295	BMW will replace the purge valve and grant an emission warranty extension for component purge valve assembled in test group DBMXV01.6N18 of model year 2013 to 10 years / 120,000 miles full useful life.
296	FCA US will conduct a Customer satisfaction notice (T15) on all affected vehicles in to replace the transmission solenoid.
297	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
298	Dealers will reprogram the powertrain control module (PCM) to the latest calibration.
299	BMW stopped delivery of affected vehicles to replace the damaged charcoal canisters and will announce a voluntary emission recall to customers who purchased vehicles with damaged charcoal canisters.
300	BMW will correct the problem by replacing the SCE module which causes the problem by a new and robust part.
301	General Motors will conduct a Voluntary Emission Recall to install a corrected Vehicle Emission Control Information label on affected vehicles.
302	i) Corrective measure: An improved hardware (the seal/gasket was modified to have the ribs to the outside) was introduced in production beginning with 01/09. Internal leakage leading to the resistance failure: The seal between the electrical hose and the overmold was changed to reduce the force on the hose which led to deformation and leakage. ii) Corrective measure: An improved hardware (a shrinking hose with hotmelt ensureing that no water from the ambient can enter the internal area of the sensor) was introduced in production beginning with 06/10. For the external leakage: a shrinking hose with hotmelt introduced to ensure that no water from the ambient can enter the internal area of the sensor. iii) Corrective measure: The improved software (Disabling the monitoring of the ¿open load¿ sensor diagnostic for 15 seconds during tank heater activation and deactivation) was introduced in production beginning with 07/12 and was/is implemented in service for affected Model Year 2009 through Model Year 2011 Diesel models 335d during different service campaigns active in field (e.g. BMW Voluntary Emissions Recall 11E-A03).
303	The corrective measure consists of extending the emissions warranty for the affected leak diagnostic module on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the leak diagnostic module with an improved version of the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
304	To eliminate this problem, BMW has improved its production process and introduced a different calibration oil and more robust rotor elements. BMW will extend emission warranty to 10 year / 120.000 miles full useful life for component oxygen sensor for all models in test group DBMXV03.0AH5 of Model BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
305	The corrective measure consists of replacing the original build front and rear NOx Sensors by modified ones with magnesium resistant sensor elements if one of the originals fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before th

	V
295	BMW will obtain names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
296	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
297	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
298	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
299	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
300	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
301	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
302	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
303	BMW obtained names and addresses of the affected vehicle owners Experian. The vehicle owners will be notified through First Class Mail.
304	BMW obtained names and addresses of the affected vehicle owners Experian. The vehicle owners have been notified through First Class Mail.
305	BMW obtained names and addresses of the affected vehicle owners Experian. The vehicle owners have been notified through First Class Mail.

	W
295	Not applicable.
296	None.
297	Eligibility for this program is not conditioned upon proper maintenance or use.
298	Eligibility for this program is not conditioned upon proper maintenance or use.
299	Not applicable.
300	Not applicable.
301	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
302	Not applicable.
303	Not applicable.
304	Not applicable.
305	Not applicable.

	X
295	Customers of the affected vehicles will be asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer.
296	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
297	See Owner Notification Letter.
298	See Owner Notification Letter.
299	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
300	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
301	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
302	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center or MINI dealer, as applicable, to have the repair performed, free of charge to the customer (see attached draft customer letters).
303	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
304	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
305	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Y
295	Not applicable.
296	None.
297	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
298	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
299	Not applicable.
300	Not applicable.
301	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
302	Not applicable.
303	Not applicable.
304	Not applicable.
305	Not applicable.

	Z
295	New purge valves are provided to all authorized BMW centers and MINI dealers via our service network.
296	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
297	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
298	The required Powertrain Control Module (PCM) calibration is currently available at Ford authorized dealers.
299	The software update is provided to all authorized BMW centers via our service network.
300	New SCE modules are provided to all authorized BMW centers via our service network.
301	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
302	New parts are provided to all authorized BMW centers via our service network.
303	New parts are provided to all authorized BMW centers via our service network.
304	New parts are provided to all authorized BMW centers via our service network.
305	New parts are provided to all authorized BMW centers via our service network.

	AA
295	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at 201-571-5193.
296	
297	
298	
299	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at 201-571-5193.
300	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
301	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
302	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
303	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
304	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
305	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.

	AB	AC	AD
295	This repair has no adverse impact on fuel economy.		6328
296	None.		6345
297	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6385
298	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6386
299	This repair has no adverse impact on fuel economy.		6387
300	This repair has no adverse impact on fuel economy.		6388
301	The proposed changes have no impact on fuel economy.		6389
302	This repair has no adverse impact on fuel economy.		6405
303	This repair has no adverse impact on fuel economy.		6406
304	This repair has no adverse impact on fuel economy.		6407
305	This repair has no adverse impact on fuel economy.		6408

	AE	AF	AG	AH
295		0	N	N
296	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
297	The 2016 MY test group name in versions 00 and 01 was incorrect. The correct test group is shown in this version.	3	Y	Y
298		3	Y	Y
299		0	N	N
300		0	N	N
301		1	N	N
302		0	N	N
303		0	N	N
304		0	N	N
305		0	N	N

	AI	AJ	AK	AL
295	N	N	263318	This repair has no adverse impact on driveability.
296	N	N	264893	None.
297	N	N	266548	Ford engineering judgment indicates that the corrective action should not affect drivability.
298	N	N	266866	Ford engineering judgment indicates that the corrective action should not affect drivability.
299	N	N	267341	This repair has no adverse impact on driveability.
300	N	N	267343	This repair has no adverse impact on driveability.
301	N	N	267530	The proposed changes have no impact on drivability.
302	N	N	268481	This repair has no adverse impact on driveability.
303	N	N	268482	This repair has no adverse impact on driveability.
304	N	N	268484	This repair has no adverse impact on drivability.
305	N	N	268485	This repair has no adverse impact on drivability.

	AM	AN	AO	AP	AQ
295	This repair has no adverse impact on safety.	N	6072	0	0163
296	None.	N	6090	0	1622
297	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6130	2	1705
298	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6131	0	1702
299	This repair has no adverse impact on safety.	N	6132	0	0174
300	This repair has no adverse impact on safety.	N	6133	0	0170
301	The proposed changes have no impact safety.	Y	6150	0	1343
302	This repair has no adverse impact on safety.	N	6170	0	0148
303	This repair has no adverse impact on safety.	N	6171	0	0112
304	This repair has no adverse impact on safety.	N	6172	0	0159
305	This repair has no adverse impact on safety.	N	6173	0	0166,0167

	AR	AS	AT
295	N		1
296	Y	6/2/2017	1
297	Y		1
298	Y		1
299	N		1
300	N		1
301	N		1
302	N		1
303	N		1
304	N		1
305	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
306	16314	6/30/2017	BMX	16E-W08	Light-Duty Vehicles and Trucks	1124	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
307	16319	7/6/2017	VGA	VG-0013	Light-Duty Vehicles and Trucks	561	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203	
308	16336	7/10/2017	TYX	TOYOTA-VERR-20170710	Light-Duty Vehicles and Trucks	107854	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
309	16359	7/13/2017	HNX	VERR-17-006	Light-Duty Vehicles and Trucks	193	Y					Mr Matthew Hinsley	matthew_hinsley@ahm.honda.com	310 781-6397	
310	16376	7/19/2017	HNX	VERR-17-007	Light-Duty Vehicles and Trucks	24128	Y					Mr Matthew Hinsley	matthew_hinsley@ahm.honda.com	310 781-6397	
311	16396	7/24/2017	BMX	17E-A03	Light-Duty Vehicles and Trucks	9576	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
312	16416	7/31/2017	CRX	T41	Light-Duty Vehicles and Trucks	7933	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
313	16457	8/2/2017	TKX	1012	Light-Duty Vehicles and Trucks	69447	Y					Mr DAVID ROBERTSON	DRobertson@mazdausa.com	2024675093	

	P	Q	R	S
306	Fuel Delivery System	6/23/2017	2017	15
307	Emission Control Information Label	8/1/2017	2017	13
308	Secondary Air System	6/22/2017	2017	1705
309	Evaporative Emissions Systems	7/31/2017	2017	24
310	Fuel Delivery Component	8/21/2017	2017	25
311	Electrical, Mechanical and Cooling Systems	7/24/2017	2017	16
312	Electrical, Mechanical and Cooling Systems	7/28/2017	2017	1741
313	Fuel Delivery Component	7/31/2017	2017	1012

	T
306	The affected part number 13517595339 relates to the High Pressure Fuel Pump. Analyses have shown that in about 86% of all cases a cracked pin inside the control valve of the pump was the reason why component high pressure pump was replaced in service. Due to the crack, the valve cannot be controlled (to open / close the v
307	MY18 vehicles have been incorrectly labeled with MY 2017 Vehicle Emissions Control Information labels instead of the correct MY 2018 VECI. To correct this, a new label along with a new part number have been produced for MY 2018 vehicles. Production Part Number: 06M 010 533 Replacement Number: 06M 010 533 C
308	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves.
309	The engine fuel feed hose and fuel purge hose may have been misrouted during vehicle assembly. Due to engine vibration, misrouted hoses can become damaged and may cause a fuel leak.
310	Some vehicles were manufactured with fuel feed pipe which have incorrect bead shape. The incorrect bead shape lowers the holding force of the joint. The reduced holding force allows fuel pressure to separate the joint resulting in a fuel leak.
311	Due to leakages within the map controlled thermostat cooling agent resigns into connector and could lead to a malfunction of the engine, in worst cases engine trouble occures. This malfunction is indicated by MIL illumination. BMW has identified two root causes for this leakage: 1. Breaks within the thermostat housing 2. O-ring gasket not in position
312	Some 2017 MY Dodge Challenger vehicles, equipped with a 5.7L engine and 8-speed automatic transmission, may experience a limp-in mode which will limit the vehicle speed to 30-40 mph. While the shifter is in Park position, the transmission is not in Park and the PRNDL/EVIC indicate that the vehicle is in Drive. The malfunction indicator lamp is illuminated and fault code P1DDD is set. Root cause: Garage shifts were re-calibrated for 5.7L L-Body MY17 V1 as a shift quality improvement. The Dodge Challenger calibration was split away from the Dodge Charger and Chrysler 300 to allow more flexibility in garage shift calibration/comfort. Transmission valve body vent gradients on Challenger were not adequately calibrated to compensate for transmissions in which C-clutch has high learned values. In ¿green¿ transmissions that exhibit this, C-clutch takes longer than 1.25s to vent and the P1DDD fault code is set.
313	In December 2016, Mazda reported the voluntary Emissions Recall 0516J, 2004-2008 RX-8 Fuel Leak at Fuel Pump Rings. This recall 1017E involves both a new concern and the concern of recall 0516J, by closing the recall 0516J when implemented. New concern: On the subject fuel pump module, due to insufficient durability performance of the fuel pump pipe, the strength of the fuel pump pipe may deteriorate by the heat from the engine and exhaust pipe. Therefore, continuous use may lead to eventual cracking of the fuel pump pipe and subsequent fuel leakage.

	U
306	The corrective measure consists of extending the emissions warranty for the affected high pressure fuel pump on all of the vehicles listed above to 10 years or 120,000 miles (equivalent to full useful life), whichever comes first, and replacing the fuel pump with an improved version of the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
307	Install applicable emissions labels via Service Action 50D3 with customer notification.
308	Toyota will send (in phases consistent with parts availability and repair capacity) starting in late June, 2017, an owner notification by first class mail advising owners of this Warranty Enhancement Program. If the owner experiences the condition described above, they should contact their local authorized Toyota dealership for c
309	The dealer will inspect and, if necessary, replace the fuel feed hose and fuel purge hose.
310	The dealer will replace the fuel feed pipe with the correct bead shape, free of charge.
311	To solve this problem and prevent the thermostat housing from cracking, a hardness measuring equipment has been implemented in the manufacturing process.
312	FCA US will perform an emissions-related voluntary safety recall (T41) on affected vehicles to reprogram the transmission control module (TCM) with new software, recalibrating the transmission valve body vent gradients and starting vent pressure so that transmissions with high learned C-clutch values can vent fast enough to m
313	Mazda plans to conduct a safety/emissions recall campaign in end of July, 2017. The purpose of the recall 1017E is to address the concern of recall 0516J and the Fuel Leak at the fuel pump pipe. The repairs of recall 0516J and 1017E will be performed at the same time. Mazda dealer will replace the fuel pump ring set with a new one and add a thermal insulation pad to the fuel tank to address the concern of recall 0516J and replace the fuel filter kit with an improved one to address the concern of recall 1017E. Certain vehicles that have the repair of recall 0516J already completed, will have the repair of the fuel pump filter kit only. The repair will be performed free of charge to vehicle owners.

	V
306	BMW obtained names and addresses of the affected vehicle owners Experian. The vehicle owners have been notified through First Class Mail.
307	The R.L. Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer name and address information.
308	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in end of June and will be completed by early J
309	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
310	American Honda will use a combination of its new vehicle purchase records and Polk supplied names, addresses, and license plate numbers from state DMV records.
311	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
312	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail le
313	The name and address of the affected owner will be identified by use of records kept by R. L. Polk. These records include the vehicle identification number, the owner¿s name and address.

	W
306	Not applicable.
307	There are no maintenance or eligibility requirements.
308	No special conditions are required for eligibility of repair under this ZG6 program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re
309	No preconditions exist. The inspection and possible repair will be completed free of charge.
310	No preconditions exist for this repair.
311	Not applicable.
312	None.
313	There will be no restrictions on eligibility.

	X
306	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
307	Customers are asked to take their vehicle to an authorized dealer of the manufacturer to have them install the label as needed, with no additional cost. Affected Audi owners will be mailed a notification of recall on or about August XX, 2017. Enclosed are examples of Dealer Circulars and Customer Letters
308	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
309	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Acura dealer and make an appointment to have the vehicle repaired.
310	Owners will be notified by mail. Refer to owner notification letters. Owners can call any authorized Honda dealer and make an appointment to have the vehicle repaired.
311	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
312	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
313	As all Mazda dealers were provided with instructions for repair prior to sending the owner notification letter scheduled on July 31, 2017, owners who receive the notification letter can obtain necessary corrective action at any Mazda dealers.

	Y
306	Not applicable.
307	It is anticipated that all affected vehicles repaired within this campaign will be remedied by authorized dealers of the manufacturer.
308	The repair takes approximately 4 hours; however, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
309	Work can only be performed by an authorized Acura dealership.
310	Work can only be performed by an authorized Honda dealership
311	Not applicable.
312	None.
313	Repair work will be performed only by authorized Mazda dealers.

	Z
306	New parts are provided to all authorized BMW centers via our service network.
307	A supply of labels will be sent to dealers with affected inventory prior to launch. Additional labels can be ordered through the Compliance Label Ordering Portal on vwhub.com.
308	There is sufficient inventory ofthe replacement parts to accommodate this special service campaign.
309	Currently have a sufficient supply of replacement fuel and purge hoses available.
310	Parts will be in limited supply until the end of August and limited distribution. After the 4th week of August the repair parts supply is expected to be readily available
311	New parts are provided to all authorized BMW centers via our service network.
312	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM.
313	The necessary modified parts for repair are available at any authorized Mazda dealers.

	AA
306	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
307	Forwarding Letter - CBI
308	Other: Signed VERR Letter
309	Related Documents: Customer Notification - Draft Acura Service Bulletin 17-029
310	Related Documents: Customer Notification Honda Service Bulletin 17-062
311	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
312	
313	Affected vehicles for this voluntary emission recall are outside 5 year emission defect reporting requirements under 40 CFR sec. 85.1901 and we are not submitting the EDIR. Therefore, Dummy number ¿9999¿ is mentioned as the EDIR number.

	AB	AC	AD
306	This repair has no adverse impact on fuel economy.		6409
307	Not applicable		6425
308	This repair will not affect fuel economy.		6445
309	None		6465
310	No impact on fuel economy.		6485
311	This repair has no adverse impact on fuel economy.		6505
312	None.		6525
313	There is no impact on fuel economy.		6546

	AE	AF	AG	AH
306		0	N	N
307		2	Y	N
308		2	Y	N
309		2	Y	N
310		2	Y	N
311		0	N	N
312	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
313		7	Y	Y

	AI	AJ	AK	AL
306	N	N	268492	This repair has no adverse impact on drivability.
307	N	Y	268845	Not applicable
308	N	Y	269503	This repair will not affect driveability.
309	N	N	270204	None
310	N	N	270940	No impact on drivability.
311	N	N	271695	This repair has no adverse impact on drivability.
312	N	N	272843	None.
313	Y	N	273259	There is no impact on driveability.

	AM	AN	AO	AP	AQ
306	This repair has no adverse impact on safety.	N	6174	0	0154
307	Not applicable	N	6175	0	0025
308	This repair will not affect safety.	Y	6190	0	0712
309	Reduce the risk of a fire.	Y	6210	0	0093
310	Reduced risk of fire by eliminating the potential for a fuel leak.	Y	6230	0	0094
311	This repair has no adverse impact on safety.	N	6250	0	0169
312	None.	N	6270	0	1710
313	The proposed changes are able to eliminate a risk to safety, which is fuel leakage due to insufficient durability performance of the fuel pump ring and fuel pump pipe.	N	6291	0	9999

	AR	AS	AT
306	N		1
307	N	8/30/2017	1
308	Y		1
309	N		1
310	N	10/27/2017	1
311	N		1
312	Y	7/29/2017	1
313	Y		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
314	16462	8/4/2017	VWX	VW-0020	Light-Duty Vehicles and Trucks	91439	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	N/A
315	16500	8/14/2017	TYX	TOYOTA-VERR-20170814	Light-Duty Vehicles and Trucks	31824	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
316	16502	8/15/2017	TYX	TOYOTA-VERR-20170815	Light-Duty Vehicles and Trucks	5200	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
317	16504	8/15/2017	TYX	TYX-VERR-20151111-24	Light-Duty Vehicles and Trucks	537401	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
318	16507	8/16/2017	CEX	T05	Light-Duty Vehicles and Trucks	88419	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504	
319	16509	8/17/2017	NSX	FOI_NSX_VER_0027_BD_	Light-Duty Vehicles and Trucks	14192	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	
320	16517	8/21/2017	FMX	17N01	Light-Duty Vehicles and Trucks	49497	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
321	16521	8/24/2017	NSX	FOI_NSX_VER_0028_BD_	Light-Duty Vehicles and Trucks	116479	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	

	P	Q	R	S
314	Electrical, Mechanical and Cooling Systems	8/1/2017	2017	20
315	Monitoring/Measuring Sensor/System	7/24/2017	2017	1706
316	Emission Control Information Label	7/31/2017	2017	1707
317	Secondary Air System	10/19/2011	2011	24
318	Selective Catalytic Reduction System	7/27/2017	2017	10
319	Fuel Tank Component	8/21/2017	2017	27
320	On-Board Diagnostic (OBD) System	8/2/2017	2017	1791
321	Catalyst/Aftertreatment Component/System (non-diesel engine)	10/2/2017	2017	28

	T
314	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur excess warm air could enter the air intake through the snow flap inlet. The front oxygen sensor will be checked and evaluated during service and be pro-actively replaced should the measured degradation tolerances be met. Part numbers involved: Replacement Part Numbers: 3C0 129 594 A (Snow Flap) and 03L 906 262 B (O2 Sensor)
315	The V6 engine crankshaft timing rotor in the involved vehicles may have been produced with excessive anti-corrosion coating. This could cause the crankshaft position sensor to malfunction. If this occurs, the vehicle may display a Malfunction Indicator Light (MIL), run roughly, misfire, or in some instances, stall. A stalling conditio
316	Toyota discovered a clerical error in our 2018MY Cert documents for the Toyota C-HR related to Canister Working Capacity (WC). The error originated in our internal identification/recording of the vehicle¿s Canister WC, and the error has manifested itself in the incorrect naming of the vehicle¿s Evap Family on the Vehicle Emissior
317	Toyota has received reports of customer concerns regarding the illumination of the check engine light (Malfunction Indicator Light, or MIL) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves in the engines of a number of these vehicles.
318	At high mileage some MY2013 through MY2015 Ram 3500 Pickup vehicles may experience deactivation of the Cu-Zeolite selective catalyst reduction (SCR) system (¿3042¿) leading to loss of NOx conversion capability. This deactivation appears to be the result of the presence of condensation within the SCR system at low exhaust t
319	On some 2016-2018 Infiniti Q50 and Q60 vehicles equipped with the 2.0L engine, customers have experienced a loss of power or engine shut off, along with MIL illumination related to the fuel system and engine speed (DTCs P0087, P0089 and P0725). Nissan has investigated this issue and has identified root cause as being an in
320	Some 2011-14 MY 3.7L and 5.0L Mustang vehicles may have a crankshaft position system variation not learned DTC (P0315) in permanent memory from the assembly plant that is unable to be cleared without a diagnostic scan tool ¿Clear DTC¿ command.
321	During IUVP testing, some high mileage 2010-2012 California specification Altima SULEV vehicles have shown increased NMOG exhaust emissions. Nissan has investigated and found that, in some cases, higher than expected exhaust gas temperatures may occur due to ignition retard conditions, affecting under-floor catalyst per

	U
314	Volkswagen Group of America, Inc. has initiated an Emissions Service Action with Customer Notification (24CX) to install a replacement Snow Flap and if necessary Oxygen Sensor on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
315	Toyota will send an owner notification by first class mail starting in end-July, 2017, advising owners to make an appointment with their authorized Toyota dealer to have the crankshaft position sensor replaced at NO CHARGE.
316	All known owners of affected vehicles will be notified via first class mail that there is a Voluntary Emissions Recall for the VECI label.
317	The Air Injection Pumps and Air Switching Valves are covered by Toyota¿s New Vehicle Limited Powertrain Warranty for 5 years or 60,000 miles (whichever comes first) and by the California Emission Warranty for 7 years or 70,000 miles (whichever comes first). The Warranty Coverage Extension (CSP) for the Air Injection Pumps and Air Switching Valves for the condition described above will extend the warranty coverage to 10 years from the date of first use or 150,000 miles, whichever comes first. If the condition is verified, the dealer will replace the Air Injection Pumps and Air Switching Valves under the terms of this CSP.
318	Cummins Inc. (¿Cummins¿) and FCA US LLC (¿FCA¿), will conduct a recall to replace the current SCR catalysts with a new SCR catalyst (¿3136¿) that employs the new formulation.
319	Nissan will conduct a voluntary safety recall campaign to reprogram the Fuel Pump Control Module (FPCM) with software containing the correct fuel pressure map information. This change was also implemented into vehicle production on April 4, 2017.
320	Warranty extension program 17N01 was approved for ten years for vehicles in California and Oregon, which extends beyond the emission full useful life of affected vehicles. California and Oregon were included because those states have proposed rejecting vehicles from inspection and maintenance test due to the presence of permanent fault codes. Customers in other states are not expected to experience symptoms associated with the presence of a P0315 in permanent memory. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
321	The ECM of affected vehicles will be reprogrammed to improve in-use emission performance. To improve this performance, the cold fast-idle ignition timing will be retarded to quickly warm up the catalyst and reduce the cold enrichment rate.

	V
314	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a source for customer names and address information.
315	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in end of July.
316	Toyota uses owner lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales information to notify owners of affected vehicles.
317	R.L. POLK and Toyota Retail Delivery Records (RDR) information has been utilized for the owner notification names and addresses.
318	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to Experian for the latest customer name and address information. Experian searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). Experi
319	RL Polk and/or internal records
320	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
321	RL Polk and/or internal records

	W
314	There are no maintenance or eligibility requirements.
315	No special conditions are required for eligibility of repair under this H0H program. Customers who have previously paid to repair their vehicle for the affected abnormal noise or carbon buildup in the combustion chamber during the applicable period will be reimbursed by mailing a copy of their repair order which includes the re
316	No special conditions are required for eligibility of repair under this VERR.
317	No special conditions are required for eligibility of repair under this extended warranty campaign. Customers who have previously paid to repair their vehicle for the affected concern will be reimbursed by mailing a copy of their repair order and proof-of-payment to Toyota Motor Sales, U.S.A. Inc. for reimbursement consideratior
318	Not Applicable
319	None required
320	Eligibility for this program is not conditioned upon proper maintenance or use.
321	None required

	X
314	Affected authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (August XX 2017) Affected owners will be mailed a notification of this program on or about (August XX 2017). Enclosed are examples of Warranty Circulars and Customer Letters.
315	Please contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible. If your vehicle has a Malfunction Indicator Light (MIL) illuminated, is running roughly, is misfiring, or is stalling, your vehicle may be experiencing symptoms related to this Safety Recall. Please schedule an appointment with any authorized Toyota dealer immediately.
316	The notification letter will include a recommendation that the owners drive their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
317	All known owners of affected vehicles have been notified via first class mail that there is an extended warranty campaign. The notification letter included a recommendation that the owners take their vehicles into any Toyota dealer for the repair in accordance with the published Toyota Campaign Procedure.
318	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the catalyst replaced. The SCR system corrective action is expected to take approximately 1 to 6 hours. The repair may be performed at any authorized FCA repair location.
319	Vehicle owners will be asked to make an appointment with their Infiniti dealer.
320	See Owner Notification Letter.
321	Vehicle owners will be asked to make an appointment with their Nissan dealer.

	Y
314	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
315	The remedy will take approximately one hour. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
316	The repair will be performed at Toyota dealerships only, and will take approximately 30 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time.
317	Any authorized Toyota dealership.
318	Not applicable.
319	Only Infiniti service technicians will be authorized to perform this remedy.
320	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
321	Only Nissan service technicians will be authorized to perform this remedy.

	Z
314	Affected authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
315	There is sufficient inventory ofthe replacement parts to accommodate this special service campaign.
316	There is sufficient inventory ofthe replacement parts to accommodate this recall.
317	Parts are available for this extended warranty campaign.
318	The proposed schedule for implementing the recall (see Notes below) takes into account certain production capacity limitations for the replacement catalyst. In working with FCA,Cummins projects that replacement catalysts will be available in sufficient numbers to provide an adequate supply to implement the recall in accorda
319	The correct FPCM program has been created and is available for use. No hardware is required for this service procedure.
320	No parts are required for this repair.
321	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.

	AA
314	Forwarding letter - CBI
315	Other: Signed VERR letter
316	Other: Signed VERR letter
317	Other: Signed VERR letter: revised TYX-VERR-20151111-24 to update additional 2009MY Tundra and 2009-10MY Sequoia
318	RECALL SCHEDULE: MY 2013 and 2014 RAM 3500 o Dealer Notification Date: July 17, 2017 o Customer Notification Date: July 31, 2017 MY 2015 RAM 3500 o Dealer Notification Date: September 16, 2017 o Customer Notification Date: September 30, 2017
319	1) FOI_NSX_VER_0027_SB_R00 - Technical Service Bulletin describing the campaign corrective action 2) FOI_NSX_VER_0027_OT_R00 - Safety Recall Defect Information Report (DIR) submitted to NHTSA
320	-The 5.4L Mustang is listed because it is part of test group BFMXV05.4VEK, but it is not affected by this issue or warranty extension.
321	

	AB	AC	AD
314	Not applicable		6565
315	This repair will not affect fuel economy.		6586
316	This repair will not affect fuel economy.		6587
317	No impact on fuel consumption.		6588
318	The impact of the proposed repair of the new replacement catalyst will be negligible related to emissions and fuel economy.		6589
319	Fuel economy will not be impacted.		6590
320	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6605
321	Fuel economy will not be affected by this reprogramming.		6606

	AE	AF	AG	AH
314		3	Y	N
315	Corrected # of documents uploaded in the system. Technical instruction was missing initially.	3	Y	Y
316		2	Y	N
317	Update to include additional 2009MY Tundra and 2009-2010 MY Sequoia vehicles.	2	Y	N
318		2	Y	N
319		2	N	N
320		3	Y	Y
321	Revised the description of specific modifications.	0	N	N

	AI	AJ	AK	AL
314	N	Y	273671	Not applicable
315	N	Y	275476	This repair will not affect driveability.
316	N	Y	275747	This repair will not affect driveability.
317	N	Y	275847	No impact on driveability.
318	N	N	276071	None.
319	N	Y	276266	Drivability will not be impacted.
320	N	N	276677	Ford engineering judgment indicates that the corrective action should not affect drivability.
321	N	N	277235	Drivability will not be affected by this reprogramming.

	AM	AN	AO	AP	AQ
314	Not applicable	N	6310	0	9999
315	This repair will not affect safety.	N	6331	1	1703
316	This repair will not affect safety.	Y	6332	0	1704
317	No impact on safety.	Y	6333	1	0712
318	None.	N	6334	0	0020
319	This reprogramming will eliminate the possibility of inadvertant engine stoppage.	Y	6335	0	0078
320	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6350	0	1617
321	Vehicle Safety will not be affected by this reprogramming.	N	6351	0	0080

	AR	AS	AT
314	Y	8/31/2017	1
315	Y		1
316	Y		1
317	Y	11/19/2011	1
318	Y		1
319	N	8/22/2017	1
320	Y		1
321	N	10/3/2017	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
322	16574	9/11/2017	CRX	T23	Light-Duty Vehicles and Trucks	415299	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
323	16579	9/15/2017	VWX	VW-0021	Light-Duty Vehicles and Trucks	325658	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	N/A
324	16580	9/15/2017	FMX	17E07	Light-Duty Vehicles and Trucks	15	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
325	16597	9/18/2017	CRX	T50	Light-Duty Vehicles and Trucks	3001	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
326	16601	9/19/2017	CRX	1734	Light-Duty Vehicles and Trucks	1338	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
327	16615	9/29/2017	TYX	TOYOTA-VERR-20170929	Light-Duty Vehicles and Trucks	870	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
328	16616	10/5/2017	TYX	TOYOTA-VERR-20171005	Light-Duty Vehicles and Trucks	433200	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom. beierschmitt@toyota.com, arvon.mitcham@toyota.com
329	16617	10/5/2017	CRX	T52	Light-Duty Vehicles and Trucks	30982	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
330	16618	10/6/2017	BMX	17E-W05	Light-Duty Vehicles and Trucks	58173	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com

	P	Q	R	S
322	Exhaust Gas Recirculation (EGR) System	9/6/2017	2017	1723
323	Air Inlet/Intake System	8/18/2017	2017	21
324	Exhaust Gas Recirculation (EGR) System	8/24/2017	2017	1707
325	On-Board Diagnostic (OBD) System	9/14/2017	2017	1750
326	Hybrid Vehicle Component/System	9/14/2017	2017	1734
327	Fuel Tank Component	9/11/2017	2017	1708
328	Electrical, Mechanical and Cooling Systems	9/28/2017	2017	1709
329	Electrical, Mechanical and Cooling Systems	10/4/2017	2017	1752
330	Ignition Component	9/26/2017	2017	2

	T
322	Some 2016-2017 MY Jeep® Grand Cherokee, Dodge Durango and 2017 Chrysler Pacifica vehicles, equipped with a 3.6L engine, may experience Exhaust Gas Recirculation (¿EGR¿) valves stuck in the closed position, illuminating the malfunction indicator lamp. Root cause was determined to be high stress on the EGR cam gear teeth, preventing the gear rotation. The high stress is caused by impacts associated with high seating velocities of the valve closure, as dictated by the software.
323	The snow flap in the inlet air box housing may remain partially to fully open. Should this occur, excess warm air could enter the air intake through the snow flap inlet. The oxygen sensor will be checked and evaluated during service and be pro-actively replaced should measured degradation tolerances be met. Part numbers involved: Warranty Replacement Part Numbers: 3C0 129 594 A (Snow Flap) 03L 906 262 B (O2 Sensor) G 052172M2 (Special Anti-Friction Agent)
324	Some 2016 MY 3.2L Transit Diesel vehicles were built with an incorrect EGR cooler.
325	The instrument cluster on some 2017 MY Jeep Renegade vehicles, equipped with a 1.4L or 2.4L engine may have software which causes the illumination of multiple malfunction indicator lights (telltales) when no malfunction is detected, and when not conducting a bulb check. The instrument cluster may experience erratic instrument cluster gauge behavior when the fuel level gauge reaches the ¿low range¿. This defect will cause the gauge needles to bounce rapidly or display inaccurate driver information. Driving with illuminated telltale lights under these conditions may result in not being aware of whether there are actual malfunctions in various monitored systems. In addition, driving with a false telltale may mask a truly active telltale and result in compromised vehicle system performance potentially causing a vehicle crash without warning.
326	Some 2017 MY Chrysler Pacifica Plug-In Hybrid Electric Vehicles (¿PHEV¿) may have a Power Inverter Module (¿PIM¿) that experiences diode failure due to an over-voltage condition. PIM diode failure will cause the vehicle to lose motive power without warning. The vehicle will not power back on and the diode failure may be accor
327	Due to extreme ultraviolet (UV) and high humidity climate conditions unique to Guam and Saipan, material of the inlet portion of the fuel tank may degrade, resulting in surface cracks. These cracks may grow over time due to stress and high temperatures. As a result, a Malfunction Indicator Lamp (MIL) may illuminate and fuel see
328	This program involves concerns regarding reports of a brief intermittent shudder during torque converter flex lock up. This shudder may be observed between approximately 25-50 mph.
329	Some 2017 MY Jeep® Cherokee vehicles, equipped with a 3.2L engine, may have transmission control software that can cause the vehicle to be put into a fixed gear limp-in mode, setting fault code P0810 and illuminating the malfunction indicator lamp. Engine software was implemented to change the auto stop functionality when a customer shifts from Drive to Park while Engine Start/Stop is in pending state. After a Stop/Start change of mind event is initiated due to a shift from Drive to Park, the transmission Dog-A tooth unloading function (E-clutch on) is not activated. This causes the Dog-A to be stuck in intermediate position for an extended period of time. If the key is then moved to the ACC position, fault code filtering continues resulting in setting P0810.
330	Due to cracks in the resin ring, blowholes can occur in the secondary coil body resulting a short to ground circuit including fault code storage and MIL illumination.To eliminate this problem and to prevent other coils to fail, BMW will replace the whole set of ignition coils on the engine.

	U
322	FCA US is conducting a Customer Satisfaction Notification (T23) on affected vehicles to reprogram the powertrain control module (PCM) software to decrease the EGR valve closure seating velocity and thereby reduce the stress on the EGR cam gear teeth sufficiently.
323	Volkswagen Group of America, Inc. will pro-actively release an Emissions Recall 24CV/23W1 to address the replacements of the Snow Flap and O2 Sensor on Model Year 2009-2014 Volkswagen 2.0L TDI Engine vehicles (Generation I). All authorized dealers will be notified of this Emission Recall, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about August 11th, 2017 Customer Notification: On or about August 18th, 2017
324	Dealers will replace the incorrect EGR cooler with the correct part.
325	FCA US will perform an emissions-related voluntary safety recall (T50) on affected vehicles to update the Instrument Panel Cluster Module software to minimize the occurrence of this issue.
326	FCA US will perform an emissions-related voluntary safety recall (T34) on affected vehicles to update the On-Board Diagnostic system, and to reflash new software into the Powertrain Control Module (¿PCM¿), the Battery Pack Control module (¿BPCM ¿), and the PIM, to minimize the occurrence of this issue. In a small number of ve
327	Toyota will send an owner notification by first class mail starting on September 11, 2017 to all affected customers in Guam, and in mid-October to all affected customers in Saipan. Further, Toyota dealers will replace the fuel tank. The remedy will be performed at NO COST to vehicle owners.
328	Owners of vehicles covered by this Warranty Enhancement Program will receive a notification letter by first class mail starting on September 28, 2017. Owners who experience torque converter shudder should contact their local authorized Toyota dealership for diagnosis and repair. If the condition is covered by the terms of this warranty enhancement program, the repair will be performed at NO CHARGE.
329	FCA US will conduct a Customer Satisfaction Notification (T52) on affected vehicles to reprogram the transmission control module with updated software that will minimize the likelihood of this issue occurring.
330	The corrective measure consists of replacing the original build set of ignition coils by a modified version if the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.

	V
322	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
323	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
324	Ford production records were used to identify the affected vehicles, and the owner names and addresses were obtained from Ford sales/service records.
325	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
326	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
327	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning in mid-August.
328	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles. Toyota will send the notification letters for this program to all known owners by first class mail beginning on September 28, 2017.
329	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
330	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.

	W
322	None.
323	There are no maintenance or eligibility requirements.
324	Eligibility for this program is not conditioned upon proper maintenance or use.
325	None.
326	None.
327	No special conditions are required for eligibility of repair under this H0J program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to
328	No special conditions are required for eligibility of repair under this ZH1 program. Customers who have previously paid to repair their vehicle during the applicable period will be reimbursed by mailing a copy of their repair order which includes the reason for the repair/replacement, proof-of-payment, and proof-of-ownership to
329	None.
330	Not applicable.

	X
322	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
323	Authorized dealers will receive notification and detailed information about this program on or about August 11th, 2017. Affected owners will be mailed a notification of this action on or about August 18th, 2017 Enclosed are examples of Warranty Circulars and Customer Letters.
324	See Owner Notification Letter.
325	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
326	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
327	The notification letter includes a recommendation that the owners take their vehicles into any Toyota dealer for the inspection and/or repair in accordance with the published Toyota Campaign Procedure.
328	The notification letter will include a recommendation that the owners place the letter in their Owner¿s Warranty Information booklet and if this condition should occur that they should contact any Toyota dealer and make arrangements for diagnosis and, if applicable, repair.
329	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
330	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.

	Y
322	None.
323	It is anticipated that all affected vehicles will be remedied by authorized dealers.
324	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
325	None.
326	None.
327	The repair takes approximately two and a half hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
328	This software update and torque converter kit change will take approximately 1day. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
329	None.
330	Not applicable.

	Z
322	FCA US will supply all dealers with the updated calibration and software required to reprogram the PCM.
323	Authorized dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
324	Dealers are to obtain parts for this repair through the Special Service Support Center.
325	FCA US will supply all dealers with the updated calibration and software required to reprogram the Instrument Panel Cluster Module.
326	FCA US will supply all dealers with the updated calibration and software required to reprogram the TCM.
327	There is sufficient inventory of the replacement parts to accommodate this SSC.
328	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
329	FCA US will supply all dealers with the updated calibration and software required to reprogram the Transmission Control Module.
330	New parts are provided to all authorized BMW centers via our service network.

	AA
322	Actual Number Identified and Affected reflect the number of vehicles in campaign T23.
323	Forwarding letter - CBI
324	9999 was used as a defect report number since a defect report was not submitted for this topic. Fewer than 25 vehicles were affected, in which case a defect report was not required.
325	Actual Number Identified and Affected reflect the number of vehicles in campaign T50.
326	
327	Other: Signed VERR letter
328	Other: signed VERR letter
329	
330	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.

	AB	AC	AD
322	None.		6625
323	Not applicable		6645
324	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6646
325	None.		6665
326	None.		6666
327	This repair will not affect fuel economy.		6685
328	This repair will not affect fuel economy.		6705
329	None.		6706
330	This repair has no adverse impact on fuel economy.		6707

	AE	AF	AG	AH
322		2	Y	N
323		3	Y	N
324		3	Y	Y
325		2	Y	N
326		2	Y	N
327		2	Y	Y
328		1	Y	N
329		2	Y	N
330		0	N	N

	AI	AJ	AK	AL
322	N	N	279826	None.
323	N	Y	280950	Not applicable
324	N	N	281037	Ford engineering judgment indicates that the corrective action should not affect drivability.
325	N	N	281369	None.
326	N	N	281617	None.
327	N	Y	283383	This repair will not affect driveability.
328	N	Y	284487	This repair will not affect driveability.
329	N	N	284491	None.
330	N	N	284917	This repair has no adverse impact on drivability.

	AM	AN	AO	AP	AQ
322	None.	N	6370	0	1708
323	Not applicable	N	6390	0	9999
324	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6391	0	9999
325	None.	N	6410	0	1713
326	None.	N	6411	0	1712
327	Safety is not affected.	N	6430	0	1708
328	This repair will not affect safety.	Y	6450	0	0048
329	None.	N	6451	0	1714
330	This repair has no adverse impact on safety.	N	6452	0	0145

	AR	AS	AT
322	Y	9/7/2017	1
323	Y	8/21/2017	1
324	Y		1
325	Y	9/15/2017	1
326	Y	9/15/2017	1
327	Y		1
328	Y		1
329	Y	10/5/2017	1
330	N		1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
331	16619	10/6/2017	BMX	16E-W06	Light-Duty Vehicles and Trucks	83773	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
332	16620	10/6/2017	BMX	17E-W03	Light-Duty Vehicles and Trucks	5307	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
333	16662	10/18/2017	BMX	16E-W04	Light-Duty Vehicles and Trucks	4901	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
334	16676	10/23/2017	CRX	1712	Light-Duty Vehicles and Trucks	120402	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
335	16682	10/25/2017	BMX	17E-W08	Light-Duty Vehicles and Trucks	527	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
336	16698	10/27/2017	FMX	17B28	Light-Duty Vehicles and Trucks	120763	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
337	16739	11/6/2017	TYX	TOYOTA-VERR-20171106	Light-Duty Vehicles and Trucks	6	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
338	16742	11/8/2017	BMX	17E-W06	Light-Duty Vehicles and Trucks	15264	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
339	16746	11/9/2017	NSX	FOI_N5X_VER_0029_BD_	Light-Duty Vehicles and Trucks	61892	Y					Mr John Pommer	john.pommer@nissan-usa.com	615-725-0415	
340	16816	11/29/2017	ADX	AD-0020	Light-Duty Vehicles and Trucks	11088	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	N/A

	P	Q	R	S
331	Turbocharger/Supercharger	9/26/2017	2017	7
332	Air Inlet/Intake System	9/26/2017	2017	18
333	Crankcase Ventilation Component/System	10/18/2017	2017	22
334	Emission Control Information Label	10/19/2017	2017	1712
335	Fuel Delivery Component	10/14/2017	2017	11
336	Air Inlet/Intake System	10/6/2017	2017	1728
337	Hybrid Vehicle Component/System	10/18/2017	2017	1710
338	Fuel Delivery Component	11/6/2017	2017	23
339	On-Board Diagnostic (OBD) System	12/11/2017	2017	29
340	Catalyst/Aftertreatment Component/System (non-diesel engine)	12/29/2017	2017	20

	T
331	Analysis have shown that In case of a longer lasting downtime oil accumulates via feed line in the turbo charger turbine. This oil on the turbine wheel gets combusted during cold start causing the white smoke (without fault code storage and MIL illumination).
332	The charge air induction tract has been replaced because cracks and breaks lead to a changed air-fuel mixture. This suboptimal mixture leads to a performance loss and misfires which triggers the MIL and fault code storage. Analysis have shown that the processing methods in supplier¿s plant influenced the cracks due to weldin
333	Analysis have shown that the PCV hose connecting line on a number of X5 M and X6 M models was replaced due to cracking and leakages caused by embrittlement of the material PA6. It is expected that local peak temperatures (higher than the permissible temperature of 200°C for material PA6) are the main reason for the embr
334	Some 2015 MY Ram 1500, Dodge Journey, Jeep® Wrangler, Jeep® Cherokee, Dodge Challenger, Dodge Charger, Chrysler 300, Jeep® Patriot and Compass, Dodge Dart, Chrysler Town & Country, Dodge Grand Caravan, Chrysler 200, Ram ProMaster, Dodge Durango and Jeep Grand Cherokee vehicles may have been built with a Vehicle Emission Control Information (¿VECI¿) label that is missing the emission control systems names as required by California regulation. Root cause was determined to be due to a computer database change to support the expansion of the emission hardware codes for new technologies.
335	Due to variations in the production process by the supplier the following malfunctions of the fuel injector (including fault code storage and MIL activation) can occur:1) Gelation of the compensator could occur after 2 to 3 years due to oxygen entered in the compensator oil of the fuel injector.2) Leakages at the tip of the injection needle (¿tip leak¿) due to cracked filter caused by particles inside the injector.In about 30% of all cases the fuel injector was replaced without having a malfunction (no corresponding fault code storage and MIL illumination).
336	Over time, the electronic throttle body (ETB) internal motor contacts may develop contamination that will result in MIL illumination and possibly failure mode effect management (FMEM) actions. This results from silicon dioxide accumulation on the electric motor commutator, which can increase electrical resistance and result
337	The hybrid system in the involved vehicles contains an inverter assembly that may not have been properly assembled. This may cause components in the inverter assembly to become damaged during normal vehicle operation. Under certain conditions, this can lead to a hybrid system shut down. While power steering and brakir
338	Due to high temperature conditions and low gasoline quality (inadequate gasoline additives), gasoline filter in the high pressure fuel pump can wear off. Small detached filter partciles caused by deterioration of gasoline filter material lead to a congestion of the high pressure valve triggering a fault code entry and MIL illuminatio
339	Some 2016-2018MY Infiniti Q50 and Q60 vehicles have a unique combination of a new Engine Control Module (ECM) version for the 3.0L engine and an existing 7AT Transmission Control Module (TCM). This combination requires a ¿failure manager¿ interface software that was not fully understood during development and therefor
340	During IUVP emissions testing, test group *ADXV04.2365 (MY 2008 - 2011) showed HC and NOx values over the standards. Analysis: Tested catalytic converters with precious metal loading of 80g /ft3 wash coat were showing phosphor film at the front zone area. At higher mileage, and in particular during a cold start and warm up phase, this may influence catalyst ¿light off¿ characteristics which may lead to increased HC and NOx levels in excess of standards. Oxygen storage capacity from the catalytic converter is not noticeably reduced. Component: Catalytic Converter Production Part Number (with 80g precious metal load): 2008, S5 - 8K0.254.250 M(X) & 200C(X) 2008, A6/A8 - 079.252.019 HX / 020HX 2009-10, S5 - 8K0.254.250 MX & 200CX 2009-10, A6 - 079.252.019 HX / 020HX 2011, A6 - 079.252.019 HX / 020HX Improved Part Numbers: 2008, A8 - 079.253.019 J & 079.253.020 J 2008-11, A6 - 079.253.019 J & 079.253.020 J 2008-10, S5 - 8K0.254.252 B & 8K0.254.200 L

	U
331	The corrective measure consists of replacing the original build oil feed line by a modified feed line including a non-return valve.
332	To eliminate the problem, the supplier has improved various processes of production to make the component more robust.
333	To eliminate this problem, BMW implemented in production, and as a replacement part, a (PCV) ventilation hose connecting line with a more temperature-resistant material.
334	FCA US will perform a Customer Satisfaction Notification (T12) to replace the incorrect VECI label with the correct VECI label on California affected vehicles.
335	The corrective measure consists of: 1. Usage of a different cooling oil to prevent gelation2. Usage of a more robust material for particle filter to prevent corrosion and the resulting tip leak.
336	Vehicles with affected throttle body assemblies will receive new throttle body assemblies.
337	The Toyota Customer Experience Center will call all vehicle owners to inform them that their vehicle is involved in this Safety Recall and to assist in scheduling an appointment at the dealer. Any owner whose vehicle has not been repaired by early December 2017 will be contacted via first class mail. Any authorized Toyota dealer
338	BMW will obtain names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
339	The ECM of affected vehicles will be reprogrammed to establish correct OBD communication between the ECM and TCM. This remedy will also address a separate issue on a subset of the above mentioned population to correct a CVN ID mismatch which was previously discussed and agreed to with ARB OBD staff on September 29,
340	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26J2) to install a replacement Catalytic Converter on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.

	V
331	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
332	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
333	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
334	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
335	Rolls-Royce obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners will be notified through First Class Mail.
336	Ford production records were used to identify the affected vehicles, and the owner names and addresses were obtained from Ford sales/service records.
337	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
338	BMW obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners were notified through First Class Mail.
339	RL Polk and/or internal records
340	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.

	W
331	Not applicable.
332	Not applicable.
333	Not applicable.
334	None.
335	Not applicable.
336	Eligibility for this program is not conditioned upon proper maintenance or use.
337	No special conditions are required for eligibility of repair under this H0U program.
338	Not applicable.
339	None required
340	There are no maintenance or eligibility requirements.

	X
331	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
332	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
333	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
334	A new VECI label will be sent directly to the vehicle owner. If the owner is concerned about replacing the label, they may take the vehicle and label to any FCA US dealer who will install it for them free of charge.
335	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
336	See Owner Notification Letter.
337	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
338	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
339	Vehicle owners will be asked to make an appointment with their Infiniti dealer.
340	Affected authorized Audi dealers will receive notification and detailed information about this Emissions Service Action (DATE: December 28th, 2017) Affected Audi S5 owners will be mailed a notification of this program on or about (DATE: December 29th, 2017) Affected Audi A6/A8 owners will be mailed a notification of this program on or about (DATE: February 19th, 2018) Enclosed are examples of Warranty Circulars and Customer Letters.

	Y
331	Not applicable.
332	Not applicable.
333	Not applicable.
334	Vehicle owner.
335	Not applicable.
336	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
337	This repair takes approximately three hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
338	Not applicable.
339	Only Infiniti service technicians will be authorized to perform this remedy.
340	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.

	Z
331	New parts are provided to all authorized BMW centers via our service network.
332	New parts are provided to all authorized BMW centers via our service network.
333	New parts are provided to all authorized BMW centers via our service network.
334	FCA US will supply a VECI label with each owner letter. Additional labels will be available from FCA US parts depots as required.
335	New parts are provided to all authorized BMW centers via our service network.
336	Dealers are to obtain parts for this repair through the Special Service Support Center.
337	There is sufficient inventory ofthe replacement parts to accommodate this special service campaign.
338	New parts are provided to all authorized BMW centers via our service network.
339	The correct ECM program has been created and is available for use. No hardware is required for this service procedure.
340	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AA
331	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
332	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
333	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
334	No progress report will be submitted, as 100% of the vehicle owners will receive a new label.
335	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
336	Only vehicles identified with an asterisk in the "Affected Vehicles / Engines Description" are affected by this defect report and are included in customer satisfaction FSA 17B28. Other programs are identified because they are part of the test group. Programs without an asterisk were included in EDIR 14-05D and customer satisfaction FSA 16B32. -Estimated values for Production Volumes and Vehicles Identified are based on Ford production and aggregate service data. -This Emissions Defect Information Report is not a determination that a defect causes an affected vehicle to fail to conform with applicable regulations for its useful life pursuant to Section 207 of the Clean Air Act or Section 43204 of the California Health and Safety Code, nor is it a determination of a safety defect pursuant to 49 U.S.C. §30118.
337	Other: Signed VERR letter
338	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201)571-5193.
339	
340	Forwarding letter - CBI

	AB	AC	AD
331	This repair has no adverse impact on fuel economy.		6708
332	This repair has no adverse impact on fuel economy.		6709
333	This repair has no adverse impact on fuel economy.		6725
334	None.		6745
335	This repair has no adverse impact on fuel economy.		6766
336	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6785
337	This repair will not affect fuel economy.		6826
338	This repair has no adverse impact on fuel economy.		6827
339	Fuel economy will not be affected by this reprogramming.		6828
340	Not applicable		6845

	AE	AF	AG	AH
331		0	N	N
332		0	N	N
333		0	N	N
334	Left of the owner notification start date from the initial submission.	2	Y	N
335		0	N	N
336		3	Y	Y
337		1	N	Y
338		0	N	N
339	Revised the description of specific modifications.	1	Y	N
340		4	Y	Y

	AI	AJ	AK	AL
331	N	N	284920	This repair has no adverse impact on drivability.
332	N	N	285030	This repair has no adverse impact on drivability.
333	N	N	286716	This repair has no adverse impact on drivability.
334	N	N	287369	None.
335	N	N	288037	This repair has no adverse impact on drivability.
336	N	N	288477	Ford engineering judgment indicates that the corrective action should not affect drivability.
337	N	Y	289945	This repair will not affect driveability.
338	N	N	290486	This repair has no adverse impact on drivability.
339	N	N	290757	Drivability will not be affected by this reprogramming.
340	N	Y	293720	Not applicable

	AM	AN	AO	AP	AQ
331	This repair has no adverse impact on safety.	N	6453	0	0144
332	This repair has no adverse impact on safety.	N	6454	0	0164
333	This repair has no adverse impact on safety.	N	6470	0	0024,0134,0143
334	None.	N	6490	1	1707
335	This repair has no adverse impact on safety.	N	6511	0	0003
336	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6530	0	1713
337	Safety is affected.	N	6571	0	1710
338	This repair has no adverse impact on safety.	N	6572	0	0212
339	Vehicle Safety will not be affected by this reprogramming.	N	6573	0	0081
340	Not applicable	N	6590	0	0102

	AR	AS	AT
331	N		1
332	N		1
333	N		1
334	Y	10/20/2017	1
335	N		1
336	Y		1
337	Y		1
338	N		1
339	N	12/12/2017	1
340	Y	2/19/2018	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
341	16817	11/29/2017	FMX	16S41	Light-Duty Vehicles and Trucks	327102	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
342	16857	12/6/2017	BMX	17E-W07	Light-Duty Vehicles and Trucks	1601	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
343	16862	12/8/2017	CRX	1765	Light-Duty Vehicles and Trucks	356	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
344	16876	12/12/2017	TYX	TOYOTA-VERR-20171212	Light-Duty Vehicles and Trucks	18100	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	arvon.mitcham@toyota.com, tom.beierschmitt@toyota.com
345	16878	12/13/2017	PRX	PO-2017-12-13-1	Light-Duty Vehicles and Trucks	2299	Y					Mr Walter Lewis	walter.lewis@porsche.us	770-290-3627	
346	16923	12/22/2017	GMX	1348	Light-Duty Vehicles and Trucks	43	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
347	16927	12/22/2017	KMX	16-HK-VERR-08	Light-Duty Vehicles and Trucks	61023	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	rbabcock@hatci.com
348	16928	12/22/2017	HYX	16-HK-VERR-09	Light-Duty Vehicles and Trucks	260792	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	rbabcock@hatci.com
349	16956	1/11/2018	TYX	TOYOTA-VERR-20180111	Light-Duty Vehicles and Trucks	39618	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
350	16957	1/12/2018	VGA	VG-0014	Light-Duty Vehicles and Trucks	5947	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203	

	P	Q	R	S
341	Fuel Delivery Component	12/23/2016	2016	1641
342	Fuel Delivery System	11/13/2017	2017	24
343	Electrical, Mechanical and Cooling Systems	12/5/2017	2017	1765
344	Hybrid Vehicle Component/System	12/1/2017	2017	1711
345	Electrical, Mechanical and Cooling Systems	11/29/2017	2017	2
346	Catalyst/Aftertreatment Component/System (non-diesel engine)	12/21/2017	2017	1348
347	Crankcase Ventilation Component/System	9/22/2017	2017	8
348	Computer Related (Other than OBD)	9/22/2017	2017	9
349	Hybrid Vehicle Component/System	1/4/2018	2018	1801
350	Selective Catalytic Reduction System	2/27/2018	2018	14

	T
341	Some 2010-2011 MY Ford Escape FFV and Mercury Mariner FFV and some 2012 MY Escape FFV vehicles with 3.0L engines were built with a fuel delivery module (FDM) that may develop a crack over time at the FDM flange fuel supply port and result in a fuel leak.
342	Due to variations in the production process by the supplier the following malfunctions of the fuel injector (including fault code storage and MIL activation) can occur: 1) Gelation of the compensator could occur after 2 to 3 years due to oxygen entered in the compensator oil of the fuel injector. 2) Leakages at the tip of the injection needle (¿tip leak¿) due to cracked filter caused by particles inside the injector. In about 30% of all cases the fuel injector was replaced without having a malfunction (no corresponding fault code storage and MIL illumination).
343	Some 2018 MY Jeep® Cherokee and Jeep® Compass vehicles equipped with a 2.4L engine (Sales Codes ED6, ED8 and EDE) may have been built with a cracked oil pump housing. The crack may propagate through the casting and cause the oil pump to fail, which will result in an engine stall due to a lack of oil pressure in the valvetrai
344	A manufacturing issue in an electric motor in the involved vehicle¿s hybrid drivetrain may cause components to wear, leading to a potential short circuit. This condition will illuminate warning lights and warning messages. In most cases, the vehicle will enter a fail-safe mode, resulting in reduced propulsion and allowing the vehi
345	Engines are being replaced in the field for illuminating the MIL, prompting immediate customer action. P030x "Misfire cylinder x" Potential engine failure due to finger follower wear issue.
346	General Motors has identified a limited period of time when a vehicle assembly plant's catalytic converter part selection error proofing system was not operational. During this time there is a potential that a small volume of California emissions certified vehicles produced may not have been built with the appropriate catalytic c
347	Some 2014~2016 model Fortes may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
348	Some 2011~2016 model Elantras may exhibit an issue with NMOG and CO emission's control that could lead to an exceedance of the emissions standards under certain specific driving conditions. The ECU fuel adaption program may not correctly optimize the air/fuel ratio, which might lead to excessive NMOG and CO depending on the vehicle's driving condition.
349	This recall involves the replacement of the Electronic Vehicle (EV) fuse with an improved one at no charge to the customer. The hybrid system on the involved vehicles contains an EV fuse which may malfunction if the vehicle is repeatedly operated by the electric motor under high-load driving conditions, such as during a long hill c
350	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7P6 198 970 Replacement Part Number: 7P6 198 970 B

	U
341	Ford will contact owners of vehicles potentially affected by this issue and direct them to bring their vehicles to dealers to receive a replacement fuel port flange assembly.
342	The corrective measure consists of: 1. Usage of a different cooling oil to prevent gelation 2. Usage of a more robust material for particle filter to prevent corrosion and the resulting tip leak.
343	FCA US will perform an emissions-related voluntary safety recall (T65) on affected vehicles to inspect the oil pump for the manufacturing die cavity markings and replace the oil pump if it is marked with the cavity casting number KD8.
344	Lexus notified owners on December 1st, 2017. Lexus makes significant effort to obtain current customer name and address information from each state through industry resources when mailing owner letters. In the event your dealership receives a notice for a vehicle that was sold prior to the Safety Recall announcement, it is th
345	Vehicles will have the engines replaced.
346	General Motors will conduct a Voluntary Emissions Recall to inspect the catalytic converter to confirm the correct part is installed. If the correct part is not installed General Motors will replace the catalytic converter with correct part.
347	Hyuindai and Kia will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.
348	Hyuindai will improve the programming of the Engine Control Module through a dealer service campaign to ensure that excess NMOG and CO emissions do not occur.
349	Toyota began notifying owners on January 4, 2018. Toyota makes significant effort to obtain current customer name and address information from each state through industry resources when mailing owner letters. In the event a dealership receives a notice for a vehicle that was sold prior to the Safety Recall announcement, it is
350	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.

	V
341	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
342	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
343	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
344	Lexus uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
345	PCNA will use internal customer databases to identify the current owners of the affected vehicles.
346	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
347	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
348	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
349	Toyota uses lists and addresses provided by IHS Markit and when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
350	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.

	W
341	Eligibility for this program is not conditioned upon proper maintenance or use.
342	Not applicable.
343	None.
344	No special conditions are required for eligibility of repair under this HLE program.
345	No special conditions of maintenance or use apply to this workshop campaign.
346	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
347	There are no restrictions on eligibility.
348	There are no restrictions on eligibility.
349	No special conditions are required for eligibility of repair under this HOR program.
350	There are no maintenance or eligibility requirements.

	X
341	See Owner Notification Letter.
342	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
343	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
344	The notification letter will include a recommendation that the owners contact any authorized Lexus dealer to schedule an appointment to have the remedy performed as soon as possible.
345	The vehicle or engine owner will receive a certified letter with details of the defect. The vehicle or engine owner can then take their Porsche to any certified Porsche Dealership to have the repair performed free of charge.
346	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner name
347	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
348	Owners will be instructed to contact their local Hyundai or Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
349	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
350	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018). Enclosed are examples of Warranty Circulars and Customer Letters.

	Y
341	Only Ford authorized dealers are authorized to perform the corrective actions for this recall.
342	Not applicable.
343	None.
344	This repair takes approximately nine hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
345	The repairs will only be performed by authorized Porsche Dealers.
346	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
347	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
348	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
349	The repair takes approximately one and a half hours. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
350	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.

	Z
341	Dealers are to obtain parts for this repair through the Special Service Support Center.
342	New parts are provided to all authorized BMW centers via our service network.
343	FCA US will have approximately 35 percent of the required parts in stock prior to launch of the recall. Dealers can then order parts as required.
344	Lexus will send an owner notification by first class mail advising owners to make an appointment with their authorized Lexus dealer to have the hybrid vehicle transaxle replaced with a new one at NO CHARGE.
345	Parts will be replaced on customer complaint.
346	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
347	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
348	No parts will be replaced during this campaign. The reprogramming information will be provided to Hyundai and Kia dealers.
349	There is sufficient inventory of the replacement parts to accommodate this special service campaign.
350	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.

	AA
	The 2010-2011 MY vehicles were not included in EDIR 1616 since they exceeded the five year reporting requirements.
341	Mazda Tribute FFV vehicles are not included in Field Service Action 16541 but are listed in the Test Group / Engine Family Information because they were included in the test group.
342	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
343	
344	Other: Signed VERR Letter
345	
346	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
347	
348	Customer Letter and TSB in supporting document.
349	Other: Signed VERR letter
350	Forwarding letter - CBI

	AB	AC	AD
341	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		6846
342	This repair has no adverse impact on fuel economy.		6865
343	None.		6867
344	This repair will not affect fuel economy.		6885
345	No impact.		6887
346	The proposed changes have no impact on fuel economy.		6905
347	This repair will not affect fuel consumption of these vehicles.		6906
348	This repair will not affect fuel consumption of these vehicles.		6907
349	This repair will not affect fuel economy.		6925
350	Not applicable		6926

	AE	AF	AG	AH
341	Repair instructions are available and included. Additionally, an owner notification final date was included.	3	Y	Y
342		0	N	N
343	Left of the owner notification start date from the initial submission.	2	Y	N
344		2	Y	Y
345		2	Y	N
346		1	N	N
347		2	Y	N
348		1	N	N
349		2	Y	Y
350		4	Y	Y

	AI	AJ	AK	AL
341	N	N	293784	Ford engineering judgment indicates that the corrective action should not affect drivability.
342	N	N	294987	This repair has no adverse impact on drivability.
343	N	N	295405	None.
344	N	Y	296078	This repair will not affect driveability.
345	N	N	296418	Engine Misfire when running in full load.
346	N	N	299060	The proposed changes have no impact on drivability.
347	N	N	299160	This repair will not affect the drivability of these vehicles.
348	N	Y	299173	This repair will not affect the drivability of these vehicles.
349	N	Y	301137	This repair will not affect driveability.
350	N	Y	301280	Not applicable

	AM	AN	AO	AP	AQ
341	Ford is conducting this Field Service Action to remedy a safety defect in the field.	N	6591	1	1616
342	This repair has no adverse impact on safety.	N	6610	0	0210
343	None.	N	6612	0	1722
344	This repair will affect safety.	N	6630	0	1709
345	No impact.	Y	6632	0	0152
346	The proposed changes have no impact safety.	N	6650	0	1348
347	This repair will not affect the safety of these vehicles.	Y	6651	1	0139
348	This repair will not affect the safety of these vehicles.	Y	6652	1	0138
349	Safety is affected.	N	6670	0	1706
350	Not applicable	N	6671	0	9999

	AR	AS	AT
341	Y	11/6/2017	1
342	N		1
343	Y	12/6/2017	1
344	Y		1
345	N	11/30/2017	1
346	Y		1
347	N	9/27/2017	1
348	N	9/27/2017	1
349	Y		1
350	Y	2/28/2018	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
351	16958	1/12/2018	ADX	AD-0022	Light-Duty Vehicles and Trucks	19121	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	
352	16962	1/16/2018	GMX	1346	Light-Duty Vehicles and Trucks	554	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
353	16997	1/22/2018	TYX	TOYOTA-VERR-20180122	Light-Duty Vehicles and Trucks	2544	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
354	17000	1/22/2018	BMX	17E-W10	Light-Duty Vehicles and Trucks	17292	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
355	17001	1/23/2018	BMX	17E-W02	Light-Duty Vehicles and Trucks	168752	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
356	17002	1/22/2018	BMX	17E-A04	Light-Duty Vehicles and Trucks	1311	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
357	17004	1/25/2018	TYX	TOYOTA-VERR-20180125	Light-Duty Vehicles and Trucks	87000	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
358	17006	1/29/2018	GMX	1345	Light-Duty Vehicles and Trucks	160890	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
359	17018	2/1/2018	CEX	T42	Light-Duty Vehicles and Trucks	49	Y					Mr Ravinder D Singh D Singh	ravinder.d.singh@cummins.com	248-576-5504	
360	17019	2/2/2018	PRX	PO-2017-12-20-1	Light-Duty Vehicles and Trucks	13987	Y					Mr Walter Lewis	walter.lewis@porsche.us	770-290-3631	
361	17036	2/8/2018	BMX	17E-W12	Light-Duty Vehicles and Trucks	96394	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
362	17037	2/9/2018	FMX	17M06	Light-Duty Vehicles and Trucks	72635	Y					Mr Mike Gabbert	mgabbert@ford.com	3133237122	
363	17083	2/20/2018	KMX	18-HK-VERR-10	Light-Duty Vehicles and Trucks	368	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	rbabcock@hatci.com
364	17084	2/20/2018	KMX	16-HK-VERR-11	Light-Duty Vehicles and Trucks	22421	Y					Mr John Gantchar	jgantchar@hatci.com	734-3373027	rbabcock@hatci.com

	P	Q	R	S
351	Selective Catalytic Reduction System	2/27/2018	2018	22
352	Fuel Tank Component	1/10/2018	2018	1346
353	Computer Related (Other than OBD)	1/10/2018	2018	1802
354	Fuel Delivery Component	11/6/2017	2017	25
355	Electrical, Mechanical and Cooling Systems	7/21/2017	2017	26
356	Emission Control Information Label	12/5/2017	2017	27
357	Secondary Air System	1/11/2018	2018	1803
358	On-Board Diagnostic (OBD) System	11/1/2017	2017	1345
359	Electrical, Mechanical and Cooling Systems	1/22/2018	2018	13
360	Selective Catalytic Reduction System	2/2/2018	2018	3
361	Electrical, Mechanical and Cooling Systems	2/7/2018	2018	28
362	Evaporative Emissions Systems	1/22/2018	2018	1766
363	On-Board Diagnostic (OBD) System	2/20/2018	2018	26
364	On-Board Diagnostic (OBD) System	2/20/2018	2018	27

	T
351	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7L6 198 970 / 7P6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
352	General Motors is submitting this VERR for these General Motors LPG fuel vehicles on behalf of the Emissions Certificate holder, Clean Fuel USA, a company the assets of which have been acquired by Agility Fuel Solutions. The LPG fuel pump located in the LPG fuel tank can become inoperative due to weld slag internal to the fuel tank being ingested in the LPG fuel pump resulting in excessive wear of internal fuel pump components
353	The subject vehicles are voluntarily equipped with an event data recorder (EDR). The EDR collects, stores, and allows retrieval of vehicle event data, including crash events. It DOES NOT control the operation of the vehicle or any crash safety systems. Due to a software error, the EDR data for ¿Accelerator Pedal, % Full¿ will show a
354	Due to poor lubrication and resulting damage of the high pressure fuel pump resulted from a low grade fuel, swarf can be distributed throughout the entire fuel system of the vehicle. This in turn may lead to further consequential damage.
355	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
356	Due to a logistic failure the MY2018 Vehicle Emission Control Information (VECI) Label was inadvertently affixed to 1311 MY2017 X5 and X6 series models (about 102 X6 models and 1209 X5 models) produced between 6st and 24th of August 2017. That means the MY2018 VECI label was affixed instead of the correct MY2017 VECI L
357	This CSP involves the Air Injection Pumps and/or Air Switching Valves where customers have experienced an illumination of the check engine light (Malfunction Indicator Light) (DTC: P2440/2442). This condition can be due to moisture/water in the Air Injection Pumps and/or Air Switching Valves.
358	The engine control module does not properly diagnose and illuminate the MIL for certain open or short circuit faults in the particulate matter sensor circuits.
359	Some MY2017 RAM 3500 pickup trucks equipped with 6.7L Cummins engines and AISIN transmissions may have a defective clutch reaction sleeve. The reaction sleeve in the AISIN automatic transmission may rotate and block an oil hole when loaded under cold ambient temperature below -20 C (-4 F). In this condition the vehicle
360	Problem Description: The reductive agent fluid (AdBlue) could contaminate the temperature sensor, causing the Malfunction Indicator Light (MIL) to come on. Additionally, high heat levels can cause the AdBlue fluid to react with the heating fins, causing a variation in internal resistance and the MIL to come on. If the MIL is on, the vehicle will not pass an emissions inspection. Corrective Action: Replace the reductive agent heating element (AdBlue heater). Production Part Number: 7P6 198 970 / 7L6 198 970 Replacement Part Number: 7P6 198 970 B (MY11-14), 7L6 198 970 B (MY09-10)
361	An electrical defect (caused by corrosion due to an incorrect contact of the connector) with fault code storage and MIL illumination was the reason for replacement of the thermostat.
362	Some 2014-16 MY 3.7L Explorer Police and 2014 MY 3.7L Taurus Police vehicles were built with a canister purge valve (CPV) that can leak due to contamination occurring during pressure pulses associated with heavy demand applications (e.g., police usage).
363	Kia has become aware that a typographical error exists on the Vehicle Emission Control Information Label for the 2018 MY Kia Stinger 2.0 Turbo. The catalytic converter information was listed as WU-TWC/TWC, when it should have been WU-TWC. To correct this problem, Kia will change the VECI label.
364	Kia has become aware that a typographical error exists on the Vehicle Emission Control Information Label for the 2015~2017 MY Kia Optima Hybrid. The U.S EPA's OBD and Fuel were listed as N/A, when it should have been CA II and Gasoline. To correct this problem, Kia will change the VECI label.

	U
351	Volkswagen Group of America, Inc. will initiate an Emissions Service Action with Customer Notification (26K2) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
352	General Motors will conduct a Voluntary Emissions Recall to replace the fuel pump module located in the LPG fuel tank with an improved part. The new fuel pump part has an intake strainer assembly with a finer mesh to reduce the amount of slag ingested by the pump and improved internal design that is robust to ingested slag
353	Toyota will send an owner notification by first class mail starting in mid-January 2018, advising owners to make an appointment with their authorized Toyota dealer to have the EV Control ECU software update performed at NO CHARGE.
354	The corrective measure consists of replacing the original build high pressure fuel pump with an improved version. Since January 2017 (N47x) and March 2017 (N57x), standard production installs high pressure pumps with increased robustness. In the event of a repair, these are available with immediate effect through the normal
355	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 11/2014. Furthermore, starting in 12/2015 thermostats with PPA housing have been introduced in production.
356	The corrective measure consists of replacing the originally affixed vehicle MY2018 emission control information label with the correct MY2017 label.
357	Toyota will begin to notify owners in late-January and end by Feb 28th. A sample of the owner notification letter has been included for your reference.
358	General Motors will conduct a Voluntary Emissions Recall to program the ECM with software and calibrations that properly diagnose particulate matter sensor circuit faults.
359	FCA US LLC will conduct a recall to replace the transmission for the affected vehicles.
360	Porsche Cars North America, Inc. will initiate an Emissions Service Action with Customer Notification (WH70) to install a replacement AdBlue Heater on the affected vehicles. Customers are instructed to take their vehicle to an authorized dealer of the manufacturer for this service.
361	To eliminate this problem and prevent corrosion, dow-corning sealant on the thermostat pins has been used starting in 11/2014. Furthermore, starting in 12/2015 thermostats with PPA housing have been introduced in production.
362	Ford has initiated warranty extension program 17M06 for 3.7L police units within the EFMXT03.73E8, EFMXT03.73DM, EFMXV03.7VE8, EFMXV03.7VEA, FFMXT03.73E8, FFMXT03.73DM, GFMXT03.73E8, and GFMXT03.73DM test groups. 17M06 extends the warranty of canister purge valves to 10 years or 120,000 miles, whichever occurs first. Note: Although this field action is an extended warranty and not a recall, we are reporting it on this VERR, which appears to be the most relevant EPA form for this purpose.
363	To improve this condition, Kia will change the emission label.
364	To correct this problem, Kia will change the VECI label.

	V
351	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
352	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
353	Toyota uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
354	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
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357	Toyota uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
358	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
359	In conducting the recall, FCA provides the United States Vehicle Identification Numbers (VIN) list for a specific service action to IHS for the latest customer name and address information. IHS searches its internal database, which is updated with information from state databases (Department of Motor Vehicles). IHS sends this int
360	PCNA will use internal customer databases to identify the current owners of the affected vehicles.
361	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
362	Ford production records were used to identify the affected vehicles and the owner names and addresses were obtained from Ford sales/service records.
363	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.
364	The owner names and addresses of the affected vehicles will be determined from vehicle registration records by R.L. Polk. A letter will be sent by first class U.S. mail to notify the owners in one mailing.

	W
351	There are no maintenance or eligibility requirements.
352	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
353	No special conditions are required for eligibility of repair under this H0X program.
354	Not applicable.
355	Not applicable.
356	Not applicable.
357	This CSP provides coverage as it applies to Air Injection Pumps and Air Switching Valves. The specific condition covered by this program is the indicated illumination of the check engine light (Malfunction Indicator Light) due to moisture/water in the Air Injection Pumps and/or Air Switching Valves. If the condition is verified, the ve
358	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
359	Not applicable.
360	There are no maintenance or eligibility requirements.
361	Not applicable.
362	Eligibility for this program is not conditioned upon proper maintenance or use.
363	There are no restrictions on eligibility.
364	There are no restrictions on eligibility.

	X
	Authorized Volkswagen dealers will receive notification and detailed information about this Emissions Service Action (February 2018) Affected Volkswagen owners will be mailed a notification of this program on or about (February 2018).
351	Enclosed are examples of Warranty Circulars and Customer Letters.
352	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
353	The notification letter will include a recommendation that the owners contact any authorized Toyota dealer to schedule an appointment to have the remedy performed as soon as possible.
354	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
355	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
356	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
357	If an owner thinks that he/she has experienced the condition described in this CSP, a local Toyota dealer should be contacted for appropriate diagnosis and repair. If the condition is verified as being in accordance with the terms of the program, the repair will be performed at NO CHARGE.
358	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
359	The owners will be directed to contact an authorized FCA dealer/repair facility after they receive the recall notification to schedule an appointment to have the transmission replaced.
	Authorized Porsche dealers will receive notification and detailed information about this Emissions Service Action (February 2018)
360	Affected Porsche owners will be mailed a notification of this program on or about (February 2018).
361	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
362	See Owner Notification Letter.
363	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.
364	Owners will be instructed to contact their local Kia dealer to make an appointment to have this campaign service performed. Please see the attached draft owner notification letter for additional information.

	Y
351	It is anticipated that all affected vehicles will be remedied by authorized Volkswagen dealers.
352	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
353	The repair takes approximately one hour. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
354	Not applicable.
355	Not applicable.
356	Not applicable.
357	The repair takes approximately one hour. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
358	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
359	Not applicable.
360	It is anticipated that all affected vehicles will be remedied by authorized Porsche dealers.
361	Not applicable.
362	Only Ford authorized dealers are authorized to perform the corrective actions for this warranty extension.
363	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.
364	None of the nonconforming vehicles will be remedied by persons other than dealers or authorized warranty agents of the manufacturer.

	Z
351	Authorized Volkswagen dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
352	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
353	This special service campaign does not require replacement of any parts. EV Control ECU software update will be performed.
354	New parts are provided to all authorized BMW centers via our service network.
355	New parts are provided to all authorized BMW centers via our service network.
356	New parts are provided to all authorized BMW centers via our service network.
357	There is sufficient inventory of the replacement parts to accommodate this CSP.
358	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
359	FCA US LLC will supply its dealers with the required parts to complete the repair.
360	Authorized Porsche dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Porsche Cars North America parts system.
361	New parts are provided to all authorized BMW centers via our service network.
362	Dealers are to obtain parts for this repair through the Special Service Support Center.
363	To improve this condition, Kia will change the emission label. A TSB will be published to notify the dealers and the repairs will be done as a service campaign.
364	To improve this condition, Kia will change the emission label. A TSB will be published to notify the dealers and the repairs will be done as a service campaign.

	AA
351	Forwarding letter - CBI
352	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
353	Other: signed VERR letter
	Further EDIRs related to this warranty extension and not listed above: 0189, 0190, 0191, 0192, 0193, 0194, 0195, 0196, 0197, 0198, 0199, 0200, 0201, 0202, 0203, 0204, 0205.
354	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
355	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
356	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
357	Other: signed VERR letter
358	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
359	
360	Applicable documents, such as customer letter and Service Bulletin will be uploaded as soon as available.
361	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
362	Only vehicles identified with an asterisk in the "Affected Vehicles / Engines Description" are affected by this remedial plan. Other programs are identified because they are part of the test group.
363	
364	

	AB	AC	AD
351	Not applicable		6927
352	The proposed changes have no impact on fuel economy.		6928
353	This repair will not affect fuel economy.		6945
354	This repair has no adverse impact on fuel economy.		6948
355	This repair has no adverse impact on fuel economy.		6949
356	This repair has no adverse impact on fuel economy.		6950
357	This repair will not affect fuel economy.		6965
358	The proposed changes have no impact on fuel economy.		6966
359	The impact of the proposed repair of the new replacement transmission will be negligible related to emissions, fuel economy, drivability, performance, or safety.		6985
360	Not applicable		6986
361	This repair has no adverse impact on fuel economy.		7005
362	Ford engineering judgment indicates that the corrective action should not affect fuel economy.		7006
363	This repair will not affect fuel consumption of these vehicles.		7025
364	This repair will not affect fuel consumption of these vehicles.		7026

	AE	AF	AG	AH
351		4	Y	Y
352		1	N	N
353		1	Y	Y
354		0	N	N
355		0	N	N
356		0	N	N
357		1	Y	N
358	Additional VINs have been added to this recall. The remedy software is now available for all vehicles identified with the defect and all of these vehicles are now included in this recall.	1	N	N
359		2	Y	N
360		1	N	N
361		0	N	N
362		3	Y	Y
363		1	Y	N
364		1	Y	N

	AI	AJ	AK	AL
351	N	Y	301287	Not applicable
352	N	N	301448	The proposed changes have no impact on drivability.
353	N	Y	302219	This repair will not affect driveability.
354	N	N	302300	This repair has no adverse impact on drivability.
355	N	N	302335	This repair has no adverse impact on drivability.
356	N	N	302336	This repair has no adverse impact on drivability.
357	N	Y	302622	This repair will not affect driveability.
358	N	N	302953	The proposed changes have no impact on drivability.
359	N	N	303529	The impact of the proposed repair of the new replacement transmission will be negligible related to emissions, fuel economy, drivability, performance, or safety.
360	N	N	303671	Not applicable
361	N	N	304503	This repair has no adverse impact on drivability.
362	N	N	304707	Ford engineering judgment indicates that the corrective action should not affect drivability.
363	N	N	305865	There is no impact on dirvability.
364	N	N	305866	There is no impact on dirvability.

	AM	AN	AO	AP	AQ
351	Not applicable	N	6672	0	0083
352	The proposed changes have no impact safety.	N	6673	0	1346
353	This repair will not affect safety.	N	6690	0	1711
354	This repair has no adverse impact on safety.	N	6693	0	0177,0178,0179,0180,0181,0182,0183,0184,0185,0186,0187,0188
355	This repair has no adverse impact on safety.	N	6694	0	0077
356	This repair has no adverse impact on safety.	N	6695	0	0228
357	This repair will not affect safety.	Y	6710	0	1707
358	The proposed changes have no impact safety.	N	6711	1	1345
359	The impact of the proposed repair of the new replacement transmission will be negligible related to emissions, fuel economy, drivability, performance, or safety.	N	6730	0	0080
360	Not applicable	N	6731	0	0100
361	This repair has no adverse impact on safety.	N	6750	0	0208,0209
362	Ford engineering judgment indicates that the corrective action should not affect safety.	N	6751	0	1714
363	This repair will not affect the safety of these vehicles.	Y	6770	0	0162
364	This repair will not affect the safety of these vehicles.	Y	6771	1	0089

	AR	AS	AT
351	Y	2/28/2018	1
352	Y		1
353	Y		1
354	N		1
355	N		1
356	N		1
357	Y		1
358	Y		1
359	Y		1
360	N	2/16/2018	1
361	N		1
362	Y		1
363	N	12/31/2018	1
364	N	12/31/2018	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
365	17088	2/26/2018	CRX	U02	Light-Duty Vehicles and Trucks	1242	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
366	17091	2/20/2018	ADX	AD-0017	Light-Duty Vehicles and Trucks	3240	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	N/A
367	17092	2/20/2018	VGA	VG-0009	Light-Duty Vehicles and Trucks	1044	Y					Mr Gregory McReynolds	gregory.mcreynolds@vw.com	248 754 4203	N/A
368	17156	3/5/2018	TYX	TOYOTA-VERR-20180305	Light-Duty Vehicles and Trucks	11800	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
369	17176	3/9/2018	CRX	U01	Light-Duty Vehicles and Trucks	153780	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
370	17198	3/15/2018	CRX	U18	Light-Duty Vehicles and Trucks	9	Y					Mark Finsterwald	mark.finsterwald@fcagroup.com	248-576-5469	dennis.rakicki@fcagroup.com
371	17205	3/16/2018	NSX	FOI_NSX_VER_0002_BD_	Light-Duty Vehicles and Trucks	49385	Y					Mr Kevin Morrison	kevin.morrison@nissan-usa.com	615-725-0498	

	P	Q	R	S
365	Fuel Tank Component	2/23/2018	2018	1802
366	Evaporative Emissions Systems	3/29/2018	2018	17
367	Evaporative Emissions Systems	3/29/2018	2018	9
368	Fuel Delivery Component	2/23/2018	2018	1804
369	Electrical, Mechanical and Cooling Systems	3/7/2018	2018	1801
370	Electrical, Mechanical and Cooling Systems	3/13/2018	2018	1818
371	Fuel Delivery System	4/24/2018	2018	2

	T
365	Some Jeep® Grand Cherokee Trackhawk (¿WK¿) vehicles equipped with the 6.2L Supercharged Engine (Sales Code ESD) may experience a fuel line separation, which could result in an engine stall and/or a potential engine compartment fire. Either of these consequences could increase the likelihood of occupant injury, and an engine stall could result in a crash without warning. Root cause: Garage shifts were re-calibrated for 5.7L L-Body MY17 V1 as a shift quality improvement. The Dodge Challenger calibration was split away from the Dodge Charger and Chrysler 300 to allow more flexibility in garage shift calibration/comfort. Transmission valve body vent gradients on Challenger were not adequately calibrated to compensate for transmissions in which C-clutch has high learned values. In ¿green¿ transmissions that exhibit this, C-clutch takes longer than 1.25s to vent and the P1DDD fault code is set.
366	Customer Complaint: MIL on Component: NVLD Pressure Switch DTCs Present: P0456 (EVAP System Small Leak) Failure Description: Parts Analysis reflects part number 8K0 906 253 J Dirt contamination at NVLD switch (membrane) resulting with the OBD misinterpretation of a small leak. Contamination occurs as a result of certain ambient conditions such as high dust, high ash concentration and/or high salt conditions suspended in the atmosphere can cause this contamination. These contaminants can stick on the sealing surface of the diaphragm causing a MIL-on condition. The dirt contamination will not lead to any external leak. Thus, no increase in evaporative emissions. Because of this, Audi is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Part numbers involved (NVLD pressure switch): 8K0 906 253 B / C / D / E / H / J / L / K
367	Customer Complaint: MIL on Component: NVLD Pressure Switch DTCs Present: P0456 (EVAP System Small Leak) Failure Description: Parts Analysis reflects part number 8K0 906 253 J Dirt contamination at NVLD switch (membrane) resulting with the OBD misinterpretation of a small leak. Contamination occurs as a result of certain ambient conditions such as high dust, high ash concentration and/or high salt conditions suspended in the atmosphere can cause this contamination. These contaminants can stick on the sealing surface of the diaphragm causing a MIL-on condition. The dirt contamination will not lead to any external leak. Thus, no increase in evaporative emissions. Because of this, Audi is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Part numbers involved (NVLD pressure switch): 8K0 906 253 B / C / D / E / H / J / L / K
368	During the assembly process, there is the possibility that the fuel pipes and the fuel hoses in the engine compartment were not properly connected. This condition could lead to a fuel odor or fuel leak. In the presence of an ignition source, a fuel leak could increase the risk of a fire.
369	Some 2017MY Chrysler Pacifica (¿RU¿) non-hybrid vehicles equipped with a 3.6L engine (ERF or ERC sales code) may experience engine stalling without warning, without lighting a Malfunction Indicator Lamp (¿MIL¿) and without setting any Diagnostic Trouble Codes (¿DTC¿). Engine stalling results in a loss of motive power, which may result in a crash without warning. Root cause: Garage shifts were re-calibrated for 5.7L L-Body MY17 V1 as a shift quality improvement. The Dodge Challenger calibration was split away from the Dodge Charger and Chrysler 300 to allow more flexibility in garage shift calibration/comfort. Transmission valve body vent gradients on Challenger were not adequately calibrated to compensate for transmissions in which C-clutch has high learned values. In ¿green¿ transmissions that exhibit this, C-clutch takes longer than 1.25s to vent and the P1DDD fault code is set.
370	Some 2017 MY Jeep® Renegade vehicles equipped with a 2.4L engine (Sales Codes ED6) may have been built with a cracked oil pump housing. The crack may propagate through the casting and cause the oil pump to fail, which will result in an engine stall due to a lack of oil pressure in the valvetrain.
371	On a small number of affected vehicles, the fuel pressure sensor may not have been tightened properly when the remedy for the associated safety recall (NHTSA #12V-069) was performed. As a result, the fuel pressure sensor may loosen gradually due to heat and vibration. If this occurs, over time, a small amount of fuel may leak

	U
365	FCA US will perform an emissions-related voluntary safety recall (U02) on affected vehicles to inspect the fuel line and replace it as needed.
366	Volkswagen Group of America, Inc. is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Note: This VERR report addresses MY 2011 through 2014 Audi vehicles (AUDI Test Groups). MY 2015 is being reported under VERR VG-0009-01 (VGA Test Groups).
367	Volkswagen Group of America, Inc. is extending warranty coverage for the NVLD pressure switch for the involved vehicles (under specific conditions) to 10 years or 120,000 miles, whichever occurs first, from the vehicle's original in-service date. All authorized Audi dealers will be notified of this Extended Warranty program, and owners of affected vehicles will be mailed a notification letter that includes all needed information regarding this issue. Dealer Notification: On or about March, 2018 Customer Notification: On or about March, 2018 Note: Note: This VERR report addresses MY 2015 Audi vehicles (VGA Test Groups). MY 2011 through 2014 are being reported under VERR AD-0017-01 (AUDI Test Groups).
368	Toyota will begin to notify owners by late March 2018. A sample of the owner notification letter has been included for your reference.
369	FCA US will perform an emissions-related voluntary safety recall (U01) on affected vehicles to reprogram the powertrain control module with new software, to improve recovery from a loss of crankshaft position synchronization.
370	FCA US will perform an emissions-related voluntary safety recall (U18) on affected vehicles to inspect the oil pump for the manufacturing die cavity markings and replace the oil pump if it is marked with the cavity casting number KD8.
371	For vehicles previously remedied using the original method for NHTSA#12V-069, Nissan dealers will re-tighten the fuel pressure sensor to the proper torque specification using the new safety recall remedy procedure. The manufacturing process was previously improved for this issue and current vehicle production is not affectec

	V
365	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
366	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
367	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
368	Toyota uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Toyota will use internal company sales lists to notify owners of affected vehicles.
369	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
370	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
371	RL Polk and/or internal records

	W
365	None.
366	There are no maintenance or eligibility requirements.
367	There are no maintenance or eligibility requirements.
368	Any authorized Toyota dealer will inspect the fuel delivery pipes and fuel hoses for proper installation and, if necessary, properly connect them at NO CHARGE to the vehicle owner.
369	None.
370	None.
371	None required

	X
365	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
366	Affected authorized Audi dealers will receive notification and detailed information about this Extended Warranty Program on or about March, 2018. Affected Audi owners will be mailed a notification of this program on or about March, 2018. Enclosed are examples of Warranty Circulars and Customer Letters.
367	Affected authorized Audi dealers will receive notification and detailed information about this Extended Warranty Program on or about March, 2018. Affected Audi owners will be mailed a notification of this program on or about March, 2018. Enclosed are examples of Warranty Circulars and Customer Letters.
368	Toyota will send an owner notification by first class mail by late March 2018, advising owners to make an appointment with their authorized Toyota dealer to inspect the fuel delivery pipes for proper installation and, if necessary, properly connect them at NO CHARGE.
369	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
370	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
371	Owners will receive a letter instructing them to schedule an appointment with a dealer to have the new remedy procedure performed.

	Y
365	None.
366	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
367	It is anticipated that all affected vehicles will be remedied by authorized Audi dealers.
368	The repair takes approximately 45 minutes. However, depending upon the dealer¿s work schedule, it may be necessary to make the vehicle available for a longer period of time.
369	None.
370	None.
371	Only Nissan dealers will be authorized to perform this remedy.

	Z
365	FCA US will have a minimum of 100 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
366	Affected authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
367	Authorized Audi dealers will be supplied with a sufficient quantity of parts to repair the involved vehicles, through the normal Volkswagen Group of America parts system.
368	No parts are being replaced.
369	FCA will supply all dealers with the updated software required to reprogram the Powertrain Control Module.
370	FCA US will have a minimum of 100 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
371	No replacement parts are anticipated to be used for this remedy, however, parts are available if needed. Any resultant part usage will be monitored.

	AA
365	
366	Forwarding letter - CBI
367	Forwarding letter - CBI
368	Other: Signed VERR letter
369	
370	
371	The subject of this EDIR is a remedy update for MY2001-2012 Juke vehicles previously remedied under the ongoing Fuel Pressure Sensor Recall (NHTSA #12V-069). Nissan has submitted a new defect report to NHTSA informing them of the remedy update to the recall. This information is also being reported to the California Air Resources Board. Other document: NHTSA Defect Information Report

	AB	AC	AD
365	None.		7046
366	Not applicable		7048
367	Not applicable		7049
368	This repair will not affect fuel economy.		7065
369	None.		7085
370	None.		7105
371	There is no anticipated impact on fuel economy for this repair.		7106

	AE	AF	AG	AH
365	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
366	Addition of test groups DADXV04.23UL and EADXV04.23UL	3	Y	N
367	Addition of test group FVGAV04.2NLB	3	Y	N
368		1	Y	Y
369	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
370	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
371	Safety Recall Campaign has been revised	1	N	N

	AI	AJ	AK	AL
365	N	N	306476	None.
366	N	Y	306625	Not applicable
367	N	Y	306633	Not applicable
368	N	Y	307340	This repair will not affect driveability.
369	N	N	307742	None.
370	N	N	308409	None.
371	N	Y	308591	There is no anticipated impact on drivability for this repair.

	AM	AN	AO	AP	AQ
365	None.	N	6791	0	1802
366	Not applicable	N	6792	1	0036,0045,0056,0063
367	Not applicable	N	6793	1	0010,0014,0037
368	Safety is affected.	N	6810	0	1802
369	None.	N	6830	0	1801
370	None.	N	6850	0	1722
371	Re-tightening of the fuel pressure sensor to the proper torque will reduce the potential for a small fuel leak to develop over time.	N	6851	1	0010

	AR	AS	AT
365	Y	2/24/2018	1
366	Y	3/30/2018	1
367	Y	3/30/2018	1
368	Y		1
369	Y	3/8/2018	1
370	Y	3/14/2018	1
371	N	4/25/2018	1

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
372	17221	3/23/2018	CRX	U09	Light-Duty Vehicles and Trucks	39442	Y					Mr Dennis Rakicki	dwr1@chrysler.com	248-576-5468	mark.finsterwald@fcagroup.com
373	17237	3/26/2018	TYX	TOYOTA-VERR-20180326	Light-Duty Vehicles and Trucks	9830	Y					Ms Maya Ono	maya.ono@toyota.com	734-695-2162	tom.beierschmitt@toyota.com, arvon.mitcham@toyota.com
374	17239	3/26/2018	ADX	AD-0023	Light-Duty Vehicles and Trucks	2443	Y					Mr Gregory S McReynolds	gregory.mcreynolds@vw.com	248-754-4203	
375	17265	4/3/2018	BMX	17E-W14	Light-Duty Vehicles and Trucks	25195	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
376	17266	4/4/2018	BMX	17E-W13	Light-Duty Vehicles and Trucks	22386	Y					Mr Thomas Hofmann	thomas.hofmann@bmwna.com	201-571-5195	Maria.V.Nizhegorodova@bmwnaext.com
377	17276	4/9/2018	GMX	1355	Light-Duty Vehicles and Trucks	82	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	
378	17284	4/16/2018	GMX	1358	Light-Duty Vehicles and Trucks	4757	Y					Ms Kimber L Sinacola	kimber.l.sinacola@gm.com	2482966200	

	P	Q	R	S
372	Electrical, Mechanical and Cooling Systems	3/22/2018	2018	1809
373	Fuel Delivery System	4/2/2018	2018	1805
374	Selective Catalytic Reduction System	4/18/2018	2018	23
375	Electrical, Mechanical and Cooling Systems	2/9/2018	2018	29
376	Turbocharger/Supercharger	2/7/2018	2018	30
377	Fuel Tank Component	3/28/2018	2018	1355
378	Computer Related (Other than OBD)	4/12/2018	2018	1358

	T
372	Some 2017 MY Dodge Grand Caravan (¿RT¿) and Jeep Wrangler (¿JK¿) vehicles may have a suspect brake switch that causes the brake lamps to stay on, and may allow automatic transmission (¿ATX¿) vehicles to be shifted out of PARK without depressing the brake pedal. The root cause was determined to be malformation of the switch plunger rings, due to trapped gas in the plunger mold tool vent, which lowered the plunger tension force in the assembled switch below the minimum seven-pound limit. Preventive maintenance to clean the plunger mold tool vent was not performed on the suspect plunger lot.
373	The involved vehicles are equipped with two high pressure fuel pumps. There is a possibility that the cover of one of these pumps could become damaged over time and lead to a fuel leak. A fuel leak in the presence of an ignition source can increase the risk of a fire. This concern was reported to the National Highway Traffic Safety
374	During vehicle production, a non-U.S. specification selective catalytic reduction (SCR) catalyst may have been installed in some vehicles. Installation of this SCR catalyst is not compliant with U.S. emissions/regulatory requirements, and may impact vehicle tailpipe emissions under certain conditions. Euro Part Number: 4G0 254 400 A US Part Number: 4G0 254 400 B or BX VWGoA will launch this campaign on or about April 18 as a required vehicle updated (inspect and replace) followed by a formal mail out on or about July 2018.
375	Due to moisture entering the thermostat housing, the heating element pin is subject to corrosion leading to an increased electrical resistance of the connecting pin. This increased resistance is detected by the OBD system and results in fault code storage and MIL illumination.
376	Due to deterioration of the wastegate flap bearing caused by resonant frequencies within the wastegate lever, the wastegate flap cannot close correctly resulting in a charge air pressure loss. This causes a performance loss of the engine which triggers a limp home mode and MIL illumination with fault code storage "charging pressure too low".
377	On certain Chevrolet Silverado HD and GMC Sierra HD vehicles equipped with dual fuel tanks, there is a potential that the rear fuel tank inlet check valve may have been damaged by modified tooling during vehicle assembly. If damage exists it may be possible for fuel or fuel vapor to leak at the connection of the fuel filler hose to
378	The fuel control system for certain 2011-2012 Colorado/Canyon vehicles did not adequately control carbon monoxide emissions. This resulted in higher than expected emission performance under conditions represented on the FTP emissions test.

	U
372	FCA US will perform an emissions-related voluntary safety recall (U09) on affected vehicles to replace the suspect brake lamp switches.
373	Notifications to owners of the affected vehicles will occur by Early April 2018. A sample of the owner notification letter has been included for your reference.
374	Volkswagen Group of America, Inc. will initiate campaign (26K6) to inspect and install a replacement Selective Catalytic Converter on affected vehicles .
375	To eliminate this problem, Dow-Corning sealant will be used on the thermostat pins to prevent corrosion.
376	The corrective measure consists of replacing the original build turbocharger by a new part if the original fails during this extended warranty period. BMW will also reimburse owners who have already replaced this part at their own expense at any time before the end of the warranty period.
377	General Motors will conduct a Voluntary Emissions Recall to replace the rear fuel tank in all vehicles that were assembled using the modified tooling.
378	General Motors will conduct a Voluntary Emission Recall to install a revised calibration file in the Engine Control Module for certain 2011-2012 Colorado/Canyon with 5.3L engines.

	V
372	FCA US provides the US VIN list for a specific service action to IHS for the latest customer name and address information. IHS searches their internal database, which is updated with information from state databases (such as a state Department of Motor Vehicles). IHS sends this information to FCA US, which is then used to mail l
373	Lexus uses lists and addresses provided by IHS Markit and, when there is no IHS data available, Lexus will use internal company sales lists to notify owners of affected vehicles.
374	The RL Polk Recall Service is used to obtain state motor vehicle registration data as a sounce for customer names and address information.
375	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
376	BMW has obtained names and addresses of the affected vehicle owners from Experian. The vehicle owners have been notified through First Class Mail.
377	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own
378	The specific vehicles involved in this campaign have been identified by vehicle identification number computer listings. These listings are furnished to all involved dealers with the campaign bulletin. Current owners have been identified through General Motors Vehicle Identification Number records and R. L. Polk Company. Own

	W
372	None.
373	Any authorized Lexus dealer will replace high pressure fuel pumps with improved ones at NO CHARGE.
374	Upon inspection, the dealer will evaluate the part number of the SCR Catalyst and replace the European specification part with the correct U.S. specification part.
375	Not applicable.
376	Not applicable.
377	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.
378	Dealers are to service all vehicles subject to this campaign at no charge to owners, regardless of mileage, age of vehicle, or ownership from this time forward. Dealers are to correct all affected vehicles, including new and used vehicle stock, prior to sale.

	X
372	The vehicle should be returned to the dealer, which will make the necessary repairs. Owners may obtain the repair service any time after receipt of the notification.
373	Lexus will send an owner notification by first class mail starting in early April 2018, advising owners to make an appointment with their authorized Lexus dealer to have the high pressure fuel pumps replaced with improved ones at NO CHARGE.
374	Authorized Audi dealers will receive notification and detailed information on this campaign on or about, April 18, 2018. Due to initial parts constraints, affected vehicles are addressed when Approved Emissions Modifications (AEM) repairs or other warranty work is performed. Audi owners will receive notification by mail of this program on or about (July 2018). Enclosed are examples of Warranty Circulars and Customer Letters.
375	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
376	Customers of the affected vehicles have been asked to make an appointment with an authorized BMW center to have the repair performed, free of charge to the customer.
377	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names
378	The letters sent to the affected owners will include an owner reply form that identifies their vehicle. The Owner Letter contains necessary information concerning owner participation in the campaign. Presentation of this form to the dealer will allow the owner to have the service performed at no charge. A listing of owner names

	Y
372	None.
373	The remedy will take approximately two hours. However, depending on the dealer¿s work schedule, it may be necessary to make your vehicle available for a longer period of time. If you experience a fuel odor, please contact your local authorized Toyota dealer who will arrange for vehicle pickup.
374	It is anticipated based on inspection, that all affected vehicles will be remedied by authorized Audi dealers.
375	Not applicable.
376	Not applicable.
377	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.
378	Only GM dealers and in-shop fleet warranty accounts are authorized to provide this remedy.

	Z
372	FCA US will have a minimum of 35 percent of the required parts in stock prior to launch. Dealers can then order parts as required.
373	There are sufficient parts for this program.
374	Based on analysis, Audi anticipates a low number of affected vehicles. Due to initial limited parts volumes, Audi dealers will inspect and replace the SCR on affected vehicles arriving at the workshop for AEM or other warranty work. Sufficient part quantities to address remaining affected vehicles within the VIN range will follow i
375	New parts are provided to all authorized BMW centers via our service network.
376	New parts are provided to all authorized BMW centers via our service network.
377	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.
378	Parts ordering information is provided in the bulletin. Parts will be obtained through General Motors Customer Care and Aftersales (CCA). General Motors will not release the owner notification letters until CCA has enough parts in stock, to support the recall.

	AA
372	
373	Other: Signed VERR letter with Dealer Letter, Owner Letter and Tech Instructions, EDIR Mfr#TOYOTA-DIR-20180226
374	Forwarding Letter is CBI
375	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
376	If you have any further questions, please contact Mr. Carlheinz Bayer of BMW North America at (201) 571-5193.
377	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.
378	General Motors LLC does not, by filing this report, admit the existence of a defect subject to the Production and Performance Warranties provided by Section 207(a) and 207(b) of the Clean Air Act, as amended, or Section 43204 of the California Health and Safety Code.

	AB	AC	AD
372	None.		7125
373	This repair will not affect fuel economy.		7126
374	No impact with this SCR Catalyst replacement.		7127
375	This repair has no adverse impact on fuel economy.		7165
376	This repair has no adverse impact on fuel economy.		7166
377	The proposed changes have no impact on fuel economy.		7185
378	The proposed changes have no impact on fuel economy.		7205

	AE	AF	AG	AH
372	This is a re-submission in VERIFY to correct the Industry category from Complete Heavy-Duty Highway Vehicle to Light-Duty Vehicle & Truck.	2	Y	N
373		1	Y	Y
374		3	Y	N
375		0	N	N
376		0	N	N
377		1	N	N
378		1	N	N

	AI	AJ	AK	AL
372	N	N	309302	None.
373	N	Y	309554	This repair will not affect driveability.
374	N	Y	309571	Not applicable
375	Y	N	310409	This repair has no adverse impact on drivability.
376	N	N	310620	This repair has no adverse impact on drivability.
377	N	N	310892	The proposed changes have no impact on drivability.
378	N	N	311588	The proposed changes have no impact on drivability.

	AM	AN	AO	AP	AQ
372	None.	N	6870	0	1807
373	This repair will not affect safety.	N	6871	0	1803
374	Not applicable	N	6872	0	0112
375	This repair has no adverse impact on safety.	N	6910	0	0222
376	This repair has no adverse impact on safety.	N	6930	0	0214
377	The proposed changes have no impact safety.	N	6950	0	1355
378	The proposed changes have no impact safety.	N	6970	0	1358

	AR	AS	AT
372	Y	3/23/2018	1
373	Y		1
374	Y	4/19/2018	1
375	N		1
376	N		1
377	Y		1
378	Y		1