Application for Certification

Part 1

FORD MOTOR COMPANY

APPLICATION FOR CERTIFICATION – PART I

2013 MODEL YEAR

Durability Group: DFMXDPDNNF1A

Evaporative Family: N/A

Test Group: DFMXD06.771C

Durability Group Description: Four Stroke, Diesel Cycle
Diesel Fueled, Direct Diesel Injection, Catalyst Code F

Test Group Description: 6.7L V8
Federal HDV2 / California MDV (10,001-14,000 lb GVWR)

Applicable Standards: Federal HDV2 / California ULEV II

Carlines Covered:
F350/F450 4x2/4x4 Complete and Box Delete

Vehicles Tested:

DFA1-6.7-J-314 Config. 0: (FTP TN: DFMX10022130, HWY TN: DFMX10022129)

Release Date: December 3, 2012

For Questions, Contact:
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(Running change updates)

SECTION 2

Durability Group Description

For a description of the Durability Group for this test group refer to Section 16.00.00.00 of the Common Section.

SECTION 3

Evaporative/Refueling Family Description

Not applicable for diesel vehicles

03.00.00.00

SECTION 4

Durability Procedure Description

For a description of the Durability Procedure,
refer to Section 16.00.00.00 of the Common Section.

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SECTION 5

Test Group Description

For a description of this Test Group, refer to the Cover Page (00.00.00.00) and to the Test Results Section (07.00.00.00) of this application.

SECTION 6

Test Vehicle Description

For a description of this Test Vehicles utilized in this Test Group, refer to Section 07.00.00.00 of this application.

SECTION 7

EPA Certification Summary Information Report

(Test Results)

07.00.00.00

Certification Summary Information Report

Manufacturer	Ford Motor Company	**Manufacturer Code**	FMX
Test Group	DFMXD06.771C	**Evaporative/Refueling Family**	N/A
Certificate Number	N/A	**CARB Executive Order #**	N/A
Certificate Issue Date	N/A	**Certificate Revision Date**	N/A
Certificate Effective Date	N/A	**Conditional Certificate**	--
CSI Revision #	N/A	**CSI Submission/Revision Date**	08/22/2012
Model Year	2013		

Test Group Information

CSI Type	Update for Correction	**Running Change Reference Number**	N/A
GHG Exempt Status	Not Exempt		

Drive Sources and Fuel(s)

Drive Source #1: Combustion Engine

Fuel	Basic Fuel Metering System	Lean Burn Strategy Indicator
Diesel	Common Rail Direct Diesel Injection	--

Hybrid Indicator	No		
Multiple Fuel Storage	--	**Rechargeable Energy Storage System Indicator**	--
Multiple Fuel Combustion	--	**Off-board Charge Capable Indicator**	--
Fuel Cell Indicator	--	**EPA Vehicle Class**	HDV2
Federal Clean Fuel Vehicle	No	**Federal Clean Fuel Vehicle Standard**	--
Federal Clean Fuel Vehicle ILEV	No	**California Partial Zero Emissions Vehicle Indicator**	No
Durability Group Name	DFMXDPDNNF1A	**Durability Group Equivalency Factor**	1.0
Reduced Fee Test Group	No	**Certification Region Code(s)**	FA, CA
Complies with HD GHG 2b/3 regulations?	No		
Introduction into Commerce Date	--	**CAP2000 Conditional Certificate?**	N/A
Independent Commercial Importer?	--	**Alternative Fuel Converter Certificate?**	--
SFTP Compliance Indicator	No	**SFTP Composite CO Option**	No
OBD Compliance Type	CARB	**OBD Demonstration Vehicle Test Group**	DFMXD06.771C
Mfr Test Group Comments	F-Series Super-Duty 10,001-14		
Mfr Exhaust / Evap Standards Comments	--		

Certification Summary Information Report

Test Group	DFMXD06.771C	Evaporative/Refueling Family	N/A

Models Covered by this Certificate

Carline Manufacturer	Division	Carline	Certification Region Code(s)	Drive System	Trans - Type	- # of Gears	Trans - Lockup
Ford Motor Company	1 - Ford Division	326 - F350 2WD BED DELETE DIESEL	California + CAA Section 177 states	2-Wheel Drive, Rear	Semi-Automatic	6	Yes
Ford Motor Company	1 - Ford Division	350 - F450 4X4 PICKUP DIESEL	Federal	Part-time 4-Wheel Drive	Semi-Automatic	6	Yes
Ford Motor Company	1 - Ford Division	350 - F450 4X4 PICKUP DIESEL	California + CAA Section 177 states	Part-time 4-Wheel Drive	Semi-Automatic	6	Yes
Ford Motor Company	1 - Ford Division	390 - F350 2WD DIESEL	California + CAA Section 177 states	2-Wheel Drive, Rear	Semi-Automatic	6	Yes
Ford Motor Company	1 - Ford Division	390 - F350 2WD DIESEL	Federal	2-Wheel Drive, Rear	Semi-Automatic	6	Yes
Ford Motor Company	1 - Ford Division	326 - F350 2WD BED DELETE DIESEL	Federal	2-Wheel Drive, Rear	Semi-Automatic	6	Yes
Ford Motor Company	1 - Ford Division	327 - F350 4WD BED DELETE DIESEL	Federal	Part-time 4-Wheel Drive	Semi-Automatic	6	Yes
Ford Motor Company	1 - Ford Division	392 - F350 4WD DIESEL	Federal	Part-time 4-Wheel Drive	Semi-Automatic	6	Yes
Ford Motor Company	1 - Ford Division	327 - F350 4WD BED DELETE DIESEL	California + CAA Section 177 states	Part-time 4-Wheel Drive	Semi-Automatic	6	Yes
Ford Motor Company	1 - Ford Division	392 - F350 4WD DIESEL	California + CAA Section 177 states	Part-time 4-Wheel Drive	Semi-Automatic	6	Yes

Engine Description

Hybrid Type	--	**Hybrid Description**	--
Engine Type	4-Stroke Compression Ignition	**Mfr Engine Description**	4-Stroke Compression Ignition
Engine Block Arrangement	V-shaped engine	**Mfr Engine Block Arrangement Description**	--
Camless Valvetrain Indicator	No	**Oil Viscosity/Classification**	10W-30/CJ-4
Number of Cylinders/Rotors	8		

After Treatment Device(s) (ATD)

ATD Number	ATD Type	ATD Precious Metal	Substrate Material	Substrate Construction
1	Diesel Particulate Filter	Platinum + Paladium	Ceramic	Monolith
2	Oxidation catalyst	Platinum + Paladium	Ceramic	Monolith
3	Selective Catalytic Reduction	SCR contains no precious metal.	Ceramic	Monolith

Mfr After Treatment Device (ATD) Comments	DOC, SCR, DPF
Direct Ozone Reduction (DOR) Device	Not Equipped
Mfr Emission Control Device Comments	--

Certification Summary Information Report

Test Group	DFMXD06.771C	**Evaporative/Refueling Family**	N/A

Engine Configuration Number 1

Engine Displacement (liters)	6.7	**Engine Rated Horsepower**	400
Number of Inlet Valves Per Cylinder	2	**Number of Exhaust Valves Per Cylinder**	2
Air Aspiration Method	Turbocharged	**Number of Air Aspiration Devices**	1
Air Aspiration Device Configuration	Single	**Charge Air Cooler Type**	Liquid
Cylinder Deactivation Description	N/A		
Variable Valve Timing System Description	N/A	**Variable Valve Lift System**	N/A
Number of Knock Sensors	0		
Air/Fuel Sensor # 1 Type	Nitrogen oxide	**Air/Fuel Sensor # 1 Description**	N/A
Air/Fuel Sensor # 2 Type	Nitrogen oxide	**Air/Fuel Sensor # 2 Description**	N/A
Mfr Air/Fuel Sensor Comments	--		
Exhaust Gas Recirculation	Yes	**EGR Type**	Electronic/Electric
Cooled Exhaust Gas Recirculation	Yes		
Closed Loop Air Injection System	No	**Air Injection Type**	--
Mfr Engine Configuration Comments	--		

Official Test Numbers

Test Group Fuel	FTP	US06	SC03	Cold CO	Highway	EPA City Litmus Value	EPA City Litmus Threshold	EPA Highway Litmus Value	EPA Highway Litmus Threshold	CREE Weighting Factor
Diesel	DFMX10022130	--	--	--	DFMX10022129	N/A	9.8	N/A	9.9	N/A

Certification Summary Information Report

Test Group	DFMXD06.771C	**Evaporative/Refueling Family**	N/A

Emission Data Vehicle Information

Vehicle ID / Configuration DFA1-6.7-J-314 / 0

Vehicle Model

Represented Test Vehicle Make	Ford	**Represented Test Vehicle Model**	F350 4x4

Drive Sources and Fuel System Details

Drive Source and Fuel#	Drive Source	Fuel
1	Combustion Engine	Diesel

Hybrid Indicator	N		
Multiple Fuel Storage	--	**Multiple Fuel Combustion**	--
Fuel Cell Indicator	--	**Rechargeable Energy Storage System Indicator**	--
Rechargeable Energy Storage System	--	**Rechargeable Energy Storage System, if 'Other'**	--
Off-board charge Capable Indicator	--		
Transmission Type	Automatic	**# of Transmission Gears**	6
Engine Code	DFA17C0500	**Axle Ratio**	3.73
Displacement (liters)	6.7	**Rated Horsepower**	400
Equivalent Test Weight (pounds)	11500	**Air Aspiration Method**	Turbocharged
Drive Mode While Testing	Part-time 4-Wheel Drive	**SIL Usage**	Not eqipped
Aged Emission Components	4,000 (mi)		

Dynamometer Coefficients:

	Target Coefficients			Set Coefficients			
Coefficient Category	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**A (lbf)**	**B (lbf/mph)**	**C (lbf/mph**2)**	**EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients**
City/Highway/Evap	61.92	1.8915	0.10556	14.104	0.37951	0.11538	56.1

Manufacturer Test Vehicle Comments F350 4x4 Crew Cab Box Delete, GVWR = 13000 lb., Curb Weight = 10029 lb., Transmission: 6R140 Semi-Automatic

Certification Summary Information Report

Test Group	DFMXD06.771C	**Evaporative/Refueling Family**	N/A
Test #	**DFMX10022130**	**Test Procedure**	**2 - CVS 75 and later (w/o can. load)**
Exhaust Test # for this Evap Test	N/A	**Test Fuel Type**	19 - Cert Diesel 7-15 ppm Sulfur
Test Date	07/26/2012	**Fuel**	Diesel
Vehicle Class	HDV2 (Federal HD chassis Class 3 GVW 10001-14000), MDV7 (Cal. LEV2 MDV GVW 10001-14000)	**DF Type**	Mfr. Determined
Verify Test Lab ID	APTL		

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE MPG Equivalent Value
Bag 1 Carbon Dioxide	936.289	--
Bag 1 Fuel Economy	10.8023	10.8023
Bag 2 Carbon Dioxide	764.776	--
Bag 2 Fuel Economy	13.3038	13.3038
Bag 3 Carbon Dioxide	804.479	--
Bag 3 Fuel Economy	12.6476	12.6476
CH4 - Methane	0.0352501	--
Carbon Monoxide	0.625326	--
Formaldehyde	0.005866	--
Manufacturer Fuel Economy	12.5215	12.5215
Nitrogen Oxide	0.302191	--
Nitrous Oxide	0.01	--
Non-methane Hydrocarbon	0.0557372	--
Non-methane organic gas (California)	0.0557372	--
Particulate Matter	0.0076433	--
Total Hydrocarbon	0.0890758	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	812
Optional Carbon-Related Exhaust Emissions	0	816

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	811.497	812

Manufacturer Test Comments --

Certification Summary Information Report

Test Group DFMXD06.771C **Evaporative/Refueling Family** N/A

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
Fed	120,000 miles	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	CO	0.63	--	--	0.010000 UP	0.23	--	0.9	8.1	Pass
Fed	120,000 miles	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	CREE	812	--	--	0.000000 UP	0	--	812	--	--
Fed	120,000 miles	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	HC-NM	0.0557	--	--	0.000000 UP	0.0334	--	0.089	0.230	Pass
Fed	120,000 miles	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	HCHO	0.0059	--	--	0.000000 UP	0.0004	--	0.006	0.040	Pass
Fed	120,000 miles	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	NOX	0.30	--	--	0.010000 UP	0.00	--	0.3	0.4	Pass
Fed	120,000 miles	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	OPT-CREE	816	--	--	0.000000 UP	0	--	816	--	--
Fed	120,000 miles	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	PM	0.008	--	--	0.000000 UP	0.007	--	0.02	0.02	Pass
CA	120,000 miles	California LEV-II ULEV	CO	0.63	--	--	0.010000 UP	0.23	--	0.9	7.3	Pass
CA	120,000 miles	California LEV-II ULEV	HCHO	0.0059	--	--	0.000000 UP	0.0004	--	0.006	0.021	Pass
CA	120,000 miles	California LEV-II ULEV	NMOG	0.0557	--	1.00	0.000000 UP	0.0334	--	0.089	0.167	Pass
CA	120,000 miles	California LEV-II ULEV	NOX	0.30	--	--	0.010000 UP	0.00	--	0.3	0.4	Pass
CA	120,000 miles	California LEV-II ULEV	PM	0.008	--	--	0.000000 UP	0.007	--	0.02	0.06	Pass

NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.

Certification Summary Information Report

Test Group	DFMXD06.771C	**Evaporative/Refueling Family**	N/A

Test #	**DFMX10022129**	**Test Procedure**	**3 - HWFE**
Exhaust Test # for this Evap Test	N/A	**Test Fuel Type**	19 - Cert Diesel 7-15 ppm Sulfur
Test Date	07/20/2012	**Fuel**	Diesel
Vehicle Class	MDV7 (Cal. LEV2 MDV GVW 10001-14000)	**DF Type**	Mfr. Determined
Verify Test Lab ID	APTL		

Test Results

Test Result Name	Unrounded Test Result	Verify Calculated FE MPG Equivalent Value
CH4 - Methane	0.0023453	--
Carbon Monoxide	0.0125041	--
Manufacturer Fuel Economy	14.2722	14.2722
Nitrogen Oxide	0.127845	--
Nitrous Oxide	0.01	--
Non-methane Hydrocarbon	0	--
Particulate Matter	0.0019375	--
Total Hydrocarbon	0.0006631	--

Test Result Name	Unrounded Test Result	Verify Calculated CREE/OPT-CREE
Carbon-Related Exhaust Emissions	0	713
Optional Carbon-Related Exhaust Emissions	0	716

Test Result Name	Unrounded Test Result	Verify Calculated CO2
Carbon dioxide	712.96	713

Manufacturer Test Comments --

Certification Region	Useful Life	Standard Level	Emission Name	Rounded Result	RAF	NMOG/NM HC Ratio	Diesel Adjustment Factor	Add DF	Mult DF	Certification Level	Standard	Pass/Fail
CA	120,000 miles	California LEV-II ULEV	NOX	0.13	--	--	0.010000 UP	0.00	--	0.1	0.8	Pass

Test Group	DFMXD06.771C	**Evaporative/Refueling Family**	N/A

Consolidated List of Standards

Exhaust Standards

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	MDV7 (Cal. LEV2 MDV GVW 10001-14000)	**Standard Level**	California LEV-II ULEV
Fuel	Diesel	**Test Procedure**	CVS 75 and later (w/o can. load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CO	--	--	--	0.010000	-0.160000	--	0.23	7.3
120,000 miles	HCHO	--	--	--	0.000000	-0.000300	--	0.0004	0.021
120,000 miles	NMOG	--	--	1.00	0.000000	0.000100	--	0.0334	0.167
120,000 miles	NOX	--	--	--	0.010000	-0.380000	--	0.00	0.4
120,000 miles	PM	--	--	--	0.000000	-0.003000	--	0.007	0.06

Cert Region	Federal	**Cert/In-Use Code**	Cert
Vehicle Class	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)	**Standard Level**	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)
Fuel	Diesel	**Test Procedure**	CVS 75 and later (w/o can. load)

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	CO	--	--	--	0.010000	-0.160000	--	0.23	8.1
120,000 miles	CREE	--	--	--	0.000000	0.000000	--	0	999.99
120,000 miles	HC-NM	--	--	--	0.000000	0.000100	--	0.0334	0.230
120,000 miles	HCHO	--	--	--	0.000000	-0.000300	--	0.0004	0.040
120,000 miles	NOX	--	--	--	0.010000	-0.380000	--	0.00	0.4
120,000 miles	OPT-CREE	--	--	--	0.000000	0.000000	--	0	999.99
120,000 miles	PM	--	--	--	0.000000	-0.003000	--	0.007	0.02

Cert Region	California + CAA Section 177 states	**Cert/In-Use Code**	Cert
Vehicle Class	MDV7 (Cal. LEV2 MDV GVW 10001-14000)	**Standard Level**	California LEV-II ULEV
Fuel	Diesel	**Test Procedure**	HWFE

Useful Life	Emission Name	Rounded Result	RAF	NMOG / NMHC	Upward Diesel Adjustment Factor	Downward Diesel Adjustment Factor	Mult DF	Add DF	Std
120,000 miles	NOX	--	--	--	0.010000	-0.380000	--	0.00	0.8

Certification Summary Information Report

Test Group	DFMXD06.771C	Evaporative/Refueling Family	N/A

Glossary

Useful Life			
4	4,000 miles	120	120,000 miles
50	50,000 miles	150	150,000 miles
100	100,000 miles		

Emission Name			
HC-TOTAL	Total Hydrocarbon	FE BAG 2	Bag 2 Fuel Economy
CO	Carbon Monoxide	FE BAG 3	Bag 3 Fuel Economy
CO2	Carbon dioxide	FE BAG 4	Bag 4 Fuel Economy
CREE	Carbon-Related Exhaust Emissions	MFR FE	Manufacturer Fuel Economy
OPT-CREE	Optional Carbon-Related Exhaust Emissions	HC	Hydrocarbon for Running Loss and ORVR
NOX	Nitrogen Oxide	METHANE	CH4 - Methane
PM	Particulate Matter	METHANOL	CH3OH - Methanol
PM-COMP	SFTP Composite Particulate Matter	N2O	Nitrous Oxide
HC-NM	Non-methane Hydrocarbon	SPITBACK	Spitback Hydrocarbon in grams
OMHCE	Organic material Hydrocarbon Equivalent	AMP-HRS	Integrated Amp-hours
OMNMHCE	Organic material non-methane HC equivalent	START-SOC	System Start State of Charge Watt-hours
NMOG	Non-methane organic gas (California)	END-SOC	System End State of Charge Watt-hours
HCHO	Formaldehyde	ACT-DISTANCE	Actual Distance Driven (miles)
H3C2HO	Acetaldehyde	AS-VOLT	Average System Voltage
HC-NM+NOX	SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03	CO2 BAG 1	Bag 1 Carbon Dioxide
HC-NM+NOX-COMP	SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides	CO2 BAG 2	Bag 2 Carbon Dioxide
CO-COMP	SFTP Composite Carbon Monoxide	CO2 BAG 3	Bag 3 Carbon Dioxide
ETHANOL	C2H5OH - Ethanol	CO2 BAG 4	Bag 4 Carbon Dioxide
FE BAG 1	Bag 1 Fuel Economy		

Certification Region			
CA	California + CAA Section 177 states	FA	Federal

Exhaust Emission Standard Level			
B1	Federal Tier 2 Bin 1	HDV1	HDV1 (Federal HD chassis Class 2b GVW 8501-10000)
B2	Federal Tier 2 Bin 2	HDV2	HDV2 (Federal HD chassis Class 3 GVW 10001-14000)
B3	Federal Tier 2 Bin 3	L2	California LEV-II LEV
B4	Federal Tier 2 Bin 4	L2OP	California LEV-II LEV Optional
B5	Federal Tier 2 Bin 5	U2	California LEV-II ULEV
B6	Federal Tier 2 Bin 6	S2	California LEV-II SULEV
B7	Federal Tier 2 Bin 7	ZEV	California ZEV
B8	Federal Tier 2 Bin 8	OT	Other
B9	Federal Tier 2 Bin 9	T1	Federal Tier 1
B10	Federal Tier 2 Bin 10	PZEV	California PZEV
B11	Federal Tier 2 Bin 11		

Certification Summary Information Report

Test Group	DFMXD06.771C	Evaporative/Refueling Family	N/A

Transmission Type Code			
AMS	Automated Manual- Selectable (e.g. Automated Manual with paddles)	M	Manual
A	Automatic	OT	Other
AM	Automated Manual	SA	Semi-Automatic
CVT	Continuously Variable	SCV	Selectable Continuously Variable (e.g. CVT with paddles)

Drive System Code			
4	4-Wheel Drive	P	Part-time 4-Wheel Drive
F	2-Wheel Drive, Front	A	All Wheel Drive
R	2-Wheel Drive, Rear		

Additional Terms and Acronyms			
AFC	Alternative Fuel Converter	ICI	Independent Commercial Importer
CSI	Certificate Summary Information	ORVR	Onboard Refueling Vapor Recovery
DF	Deterioration Factor	SIL	Shift Indicator Light
Evap	Evaporation, Evaporative	Trans	Transmission

SECTION 8

Emission Testing Waiver Statements

For applicable test waiver statements, refer to Section 14.00.00.00 of the Common Section.

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SECTION 9

OBD-II System Description

For a description of the OBD System utilized for this Test Group, refer to Section 16.06.00.00 of the Common Section.

ED_002078G_00021619-00021

SECTION 11

AECD Description

AECD description submitted to EPA Verify separately for this test group.

SECTION 12

Description of Vehicles Covered by Certificate and Testing Parameters

12.00.00.00

Vehicle Program (Example: Program)

Test Group Information	
Vehicle/Engine Class	HDV2
Vehicle Fuel Category	*Single Fuel*
Operating Fuel 1	*Diesel*
Operating Fuel 2	*Diesel*

Engine Displacement (liters)	6.7L
Engine Cooling medium	OAT Coolant
SAE net HP @ RPM (prem fuel)	400 hp @ 2800 rpm
SAE net HP @ RPM (prem fuel)	
SAE net HP @ RPM (prem fuel)	
SAE net torque ft-lb @ RPM (prem fuel)	800 ft-lbs @ 1600 rpm
SAE net torque ft-lb @ RPM (prem fuel)	
Cylinder Deactivation	N
Variable Valve Timing (VVT)	N
Variable Valve Lift	N
Number of Inlet Valves Per Cylinder	2
Number of Exhaust Valves Per Cylinder	2
Air Aspiration Method*	*Turbocharged (TC)*
Number of Air Aspiration Devices	1
Air Aspiration Configuration	*N=Single*
Charge Air Cooler Type* (TG-51)	*Liquid*
Number of Charge Air Cooler	1
Charge Air Cooler Configuration	*Single*

Exhaust Emission Control System:	
Exhaust Gas Recirculation (EGR)*	Yes
Cooled EGR	Yes
EGR Type	*EEGR=Electronic/Electric*
Electronic Controls	PCM
Closed Loop Air Injection System	N
Air injection Type (AIR)*	NA=Not applicable
Location of injected air	None
Direct Ozone Reduction (DOR) Device	NE=Not equipped

Calibrations that Vary with Time or Dist.	See Common Section
Maintenance Schedule	*Normal*
Compression ratio (nominal)	16.2:1
Cylinder head design Ref. (08.05)	OHV

Camshaft Timing: (with VCT fully advanced) Cam Phase – Computer Controlled	no VCT
Int valve opens (° BTDC)	30.5
Int valve closes (° ABDC)	57.4
Int valve duration (°)	267.8
Int valve maximum lift (mm)	8.55
Exh valve opens (° BBDC)	75.2
Exh valve closes (° ATDC)	42.1
Exh valve duration (°)	297.3
Exh valve maximum lift (mm)	8.84
Valve lash (N/A for RFF)	Hydraulic Lash Adj

Fuel Metering System	Direct Diesel (DDI)

After-Treatment Device Information	
After-Treatment Type	DPF=Diesel Particulate Filter
After-Treatment Configuration	DOC, DPF, SCR
After-Treatment Type/size/code	Ref. 16.00.01
Feedback Sensor Type:	
Knock sensor	NO
Oxygen sensor (O_2S)*	NO
Heated oxygen sensor (HO_2S)*	NO
Air/Fuel Sensor (AFS)*	NO
Heated Air/Fuel Sensor (HAFS)*	NO
Feedback Sensor Configuration	NOx Sensor

Test Group: DFMXD06.771C
Issued: May 23, 2012

* - VECI Label Content

Exhaust Calibration	Application	Transmission	Leak Check	Vehicle
DFA17C0500	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0501	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0505	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0506	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0507	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0508	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0509	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0510	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0512	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0514	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0515	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0516	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17C0517	50s	6R140	n/a	P473 F350 SRW/DRW
DFA17D0500	50s	6R140	n/a	P473 F450 Lite
DFA17D0501	50s	6R140	n/a	P473 F450 Lite
DFA17D0505	50s	6R140	n/a	P473 F450 Lite
DFA17D0506	50s	6R140	n/a	P473 F450 Lite
DFA17D0507	50s	6R140	n/a	P473 F450 Lite
DFA17D0508	50s	6R140	n/a	P473 F450 Lite
DFA17D0509	50s	6R140	n/a	P473 F450 Lite
DFA17D0510	50s	6R140	n/a	P473 F450 Lite
DFA17D0512	50s	6R140	n/a	P473 F450 Lite
DFA17D0514	50s	6R140	n/a	P473 F450 Lite
DFA17D0515	50s	6R140	n/a	P473 F450 Lite
DFA17D0516	50s	6R140	n/a	P473 F450 Lite
DFA17D0517	50s	6R140	n/a	P473 F450 Lite

Reference Specifications

Idle RPM	PCM Controlled
Target (BASE) in Drive ; (A/C-off / A/C-on)	600/600 RPM A/T
Target (BASE) in Neutral ((A/C-off / A/C-on)	600/600 RPM A/T

Special conditions which may require idle speeds higher than BASE are listed below:

Potential Idle Speed Modifier	Function Utilized (Y/ N)	Purpose
Low or high air charge temperature	N	Heater, A/C or engine cooling performance
Low catalyst temperature	N	Achieve/maintain light off
Low engine coolant temperature	Y	Combustion stability
Low or high ambient temperature	Y	Heater or A/C performance
High transmission oil temperature	Y	Ensure adequate fluid pressure
Low battery voltage	Y	Avoid stalling or no-start
High Alternator load	N	Preserve battery life and avoid low voltage
High-speed fan operation	N	For engine and A/C condenser cooling
Extended neutral idle time	N	Maintain catalyst temperature
Power steering pressure	N	Ensure adequate P/S assistance
High Altitude	N	Maintain air mass flow to avoid stalling
Alternate calibration	N	Use to prevent issues during plant drives/marshalling
Drive Speed Control or Shift Delay	N	Increase engine speed to improve cabin heating or cooling

Fuel Injector	105.9 mg/stroke @ max power	
Fuel Pressure Reg	0 - 2000 bar (30,000 psi)	
Crankcase CCV Valve	orifice (no electronics)	0-205 Liters/min
EGR valve	0 - 130 kg/hr	
High Temp Thermostat (2)	Start to Open: 85ºC (1) Start to Open: 95ºC (2)	

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Low temp Thermostat (2)	Start to Open: 20ºC (1) Start to Open: 45ºC (2)

Powertrain Control Module (PCM) -- PCM controlled calibrations for emission-related components are described in the AECD section 16.05.

2013 MY 6.7L P473
Chassis Dynamometer Exhaust Emissions Parts List
OVER 10K

Engine Family(ies)	Certification Level	Calibration(s)	w/PCM	Assembly Part #	TCM
DFMXD06.771C	Initial Cert.	DFA17C0500	(P473)	DC3A–12A650–AHA	DC3A-12B565-AA
	Initial Cert.	DFA17C0501	(P473)	DC3A–12A650–AHB	DC3A-12B565-AA
	Initial Cert.	DFA17C0505	(P473)	DC3A–12A650–AHC	DC3A-12B565-AB
	Initial Cert.	DFA17C0506	(P473)	DC3A–12A650–AHD	DC3A-12B565-EA
	Initial Cert.	DFA17C0507	(P473)	DC3A–12A650–AHE	DC3A-12B565-EA
	Initial Cert.	DFA17C0508	(P473)	DC3A–12A650–AHF	DC3A-12B565-EB
	RC01-001	DFA17C0509	(P473)	DC3A–12A650–AHG	DC3A-12B565-EC
	RC01-002	DFA17C0510	(P473)	DC3A–12A650–AHH	DC3A-12B565-EC
	RC02-003	DFA17C0512	(P473)	DC3A–12A650–AHJ	DC3A-12B565-ED
	RC02-004	DFA17C0514	(P473)	DC3A–12A650–AHK	DC3A-12B565-ED
	RC03-005	DFA17C0515	(P473)	DC3A–12A650–AHL	DC3A-12B565-EE
	RC04-006	DFA17C0516	(P473)	DC3A–12A650–AHM	DC3A-12B565-EF
	RC04-007	DFA17C0517	(P473)	DC3A–12A650–AHN	DC3A-12B565-EF
	Initial Cert.	DFA17D0500	(P473)	DC3A–12A650–AKA	DC3A-12B565-BA
	Initial Cert.	DFA17D0501	(P473)	DC3A–12A650–AKB	DC3A-12B565-BA
	Initial Cert.	DFA17D0505	(P473)	DC3A–12A650–AKC	DC3A-12B565-BB
	Initial Cert.	DFA17D0506	(P473)	DC3A–12A650–AKD	DC3A-12B565-FA
	Initial Cert.	DFA17D0507	(P473)	DC3A–12A650–AKE	DC3A-12B565-FA
	Initial Cert.	DFA17D0508	(P473)	DC3A–12A650–AKF	DC3A-12B565-FB
	RC01-001	DFA17D0509	(P473)	DC3A–12A650–AKG	DC3A-12B565-FC
	RC01-002	DFA17D0510	(P473)	DC3A–12A650–AKH	DC3A-12B565-FC
	RC02-003	DFA17D0512	(P473)	DC3A–12A650–AKJ	DC3A-12B565-FD
	RC02-004	DFA17D0514	(P473)	DC3A–12A650–AKK	DC3A-12B565-FD
	RC03-005	DFA17D0515	(P473)	DC3A–12A650–AKL	DC3A-12B565-FE
	RC04-006	DFA17D0516	(P473)	DC3A–12A650–AKM	DC3A-12B565-FF
	RC04-007	DFA17D0517	(P473)	DC3A–12A650–AKN	DC3A-12B565-FF

---------- All Other Exhaust Emission Parts ---------

Part Name (Quantity if more than 1)	Part Number
Catalyst (DPF Assembly)	CC34 – 5H240 –CB
Fuel Pump Assembly	BC3Q – 9B395 – CC
	FC3Q – 9B395 – AA (alt)
Camshaft Position Sensor	BC3Q - 12K073 - AA
Crankshaft Position Sensor	BC3Q - 6C315 - CA
CCV Valve	BC3Q – 6A785 – EB
EGR Valve Assembly	BC3Q – 9D475 – BG
	BC3Q – 9D475 – CF (alt)
EGR Vacuum Reg	BC3Q – 9F454 – DA
EGR Pressure Sensor (DPFE)	8C34 – 9J460 – AA
EGR Cooler Bypass Valve	BC3Q - 9U433 – AG
EGR Coolant Temperature Sensor	BC3A – 12B591 - BA
Fuel Injector (8)	BC3Q - 9K546 – AD
Volume (fuel) Control Valve	BC3Q – 9J307 – AA
Fuel Temperature Sensor	BC3Q – 9F951 – AA
Fuel Rail Pressure Sensor	BC3Q – 9F838 – AA
Mass Air Flow/Intake Air Temperature Sensor	BR31 - 12B579 - AA
Tailpipe Nox Sensor	DC3A – 5J299 – DC
Feedgas NO_x Sensor	DC3A – 5J299 - CC
Feedgas NO_x Control Module	DC3A – 5K202 – AC

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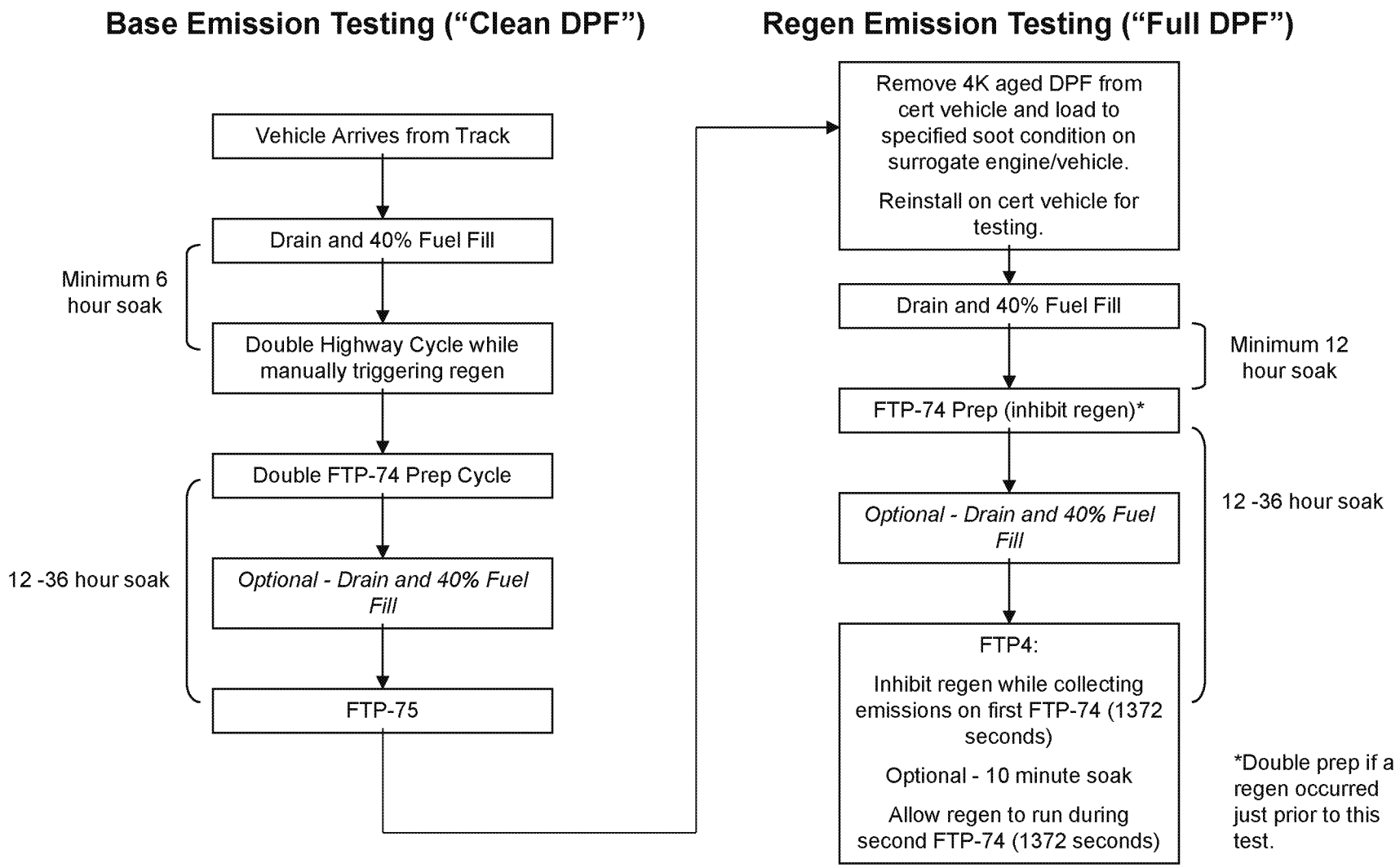
	DC3A – 5K202 – AB (alt)
Tailpipe NO_x Control Module	DC3A – 5L234 - AA
Electric Throttle Body	BC3Q – 9F991 – DA
Fuel Rail Pressure Regulator Valve	BC3Q – 9C968 – AA
Mechanical Vacuum Pump	BC3Q – 2A451 – DC
Exhaust Manifold Pressure Sensor	BC3A – 5H295 – AF
Urea Injector	AL3E – 5J281 – AB
Urea Heated Reservoir.	BC34 – 5J225 – BE
Urea Supply Module (1)	BC34 – 5J229 – EA
Var. Geo. Turbo Charge Control (VGTC)	BC3Q – 6F089 – AA
Var. Geometry Turbocharger (VGT)	BC3Q – 9G438 –DF
Glow Plug	BC3Q – 6M090 –CA
Glow Plug Control Mod.	BC3A – 12B533 – BA
Intake Manifold Pressure Sensor (MAP)	BC3Q – 9F479 – AD
Engine Coolant Temperature Sensor (ECT)	3F1A – 12A648 – AB
	3F1A – 12A648 – AA (alt)
Ambient Temp. Sensor	AU5T – 12A647 – AC
DPF Differential Pressure Sensor	DC3A – 5H209 - CA
Aftertreatment Temperature Sensor	AC3A – 12B591 - BB
	AC3A – 12B591 – AB (alt)

Diesel Test Process Revision



12.00.04.00

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Issued: 7/31/12
Revised:

2013 TEST VEHICLE REQUIREMENTS

	Durability Data Vehicle	CAP2000 Emission Data Vehicle Exhaust
Evap. Emission Family	n/a	n/a
Displacement Liters	6.7L	6.7L
Engine Code	DDBC1_P19COD_DFV32_W888	DFA17C0500
Fuel Tank Code	TY	TS
Catalyst Code	*	*
Exhaust Control System	TC/DDI/CAC/EGR-C/OC PTOX/SCR-U	TC/DDI/CAC/EGR-C/OC PTOX/SCR-U
Model	F350 4x4 DRW	F-350 4x4 Crew Cab DRW (simulating F-350 4x4 Box Delete DRW)
Transmission	Auto-6	Auto-6
Shift Schedule	NA	NA
Equivalent Test Weight	11000 lbs	11500 lbs
THP/DPA	f_0=95.06, f_1=0.9925 f_2=0.04805	f_0=61.92, f_1=1.8915 f_2=0.10556
Axle Ratio	4.30	3.73
N/V Ratio - RPM/MPH		27.8
Tires	LT245/75R17	LT245/75R17

ACTUAL TEST VEHICLES

Model Year	2011	2013
Engine Family	BFMXD06.771C	DFMXD06.771C
Vehicle ID No	BFA1-6.7-888	DFA1-6.7-J-314
Configuration Number		0

* See Section 16

Test Group: DFMXD06.771C
Issued: 7/31/12
Revised:

ED_002078G_00021619-00030

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5213724	5213718	5213717	5213702	5213698	5213745	5213735	5213734
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508
Fuel Tank(s)	TS	TS	TS	TY	TY	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7872	7501	7501	7327	7327	9649	8748	8748
LVW - ETW	8000	8000	8000	7500	7500	10000	9000	9000
Loaded Weight	8172	7801	7801	7627	7627	9949	9048	9048
ALVW - ETW	11000	9500	9500	9000	9500	11500	10000	10000
Adj. Loaded Weight	10936	9300	9500	9064	9364	11324	9924	10124
GVWR	14000	11100	11500	10800	11400	13000	11100	11500
Min Axle Ratio	3.73	3.31	3.31	3.31	3.31	3.73	3.31	3.31
Max Axle Ratio	3.73	3.55	3.55	3.55	3.55	3.73	3.55	3.55
Min N/V Ratio	27.8	24.5	24.2	24.5	24.2	27.8	24.5	24.2
Max N/V Ratio	27.8	26.4	25.9	26.4	25.9	27.8	26.4	25.9
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5213716	5213692	5213693	5213743	5213725	5213727	5213723	5213701
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508
Fuel Tank(s)	TY	TY	TY	TY	TY	TY	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7110	6752	6752	8887	7999	7999	7644	7270
LVW - ETW	7500	7000	7000	9000	8500	8500	8000	7500
Loaded Weight	7410	7052	7052	9187	8299	8299	7944	7570
ALVW - ETW	10500	8500	9000	11000	9000	9500	11000	9000
Adj. Loaded Weight	10555	8626	8876	10944	9250	9500	10822	9035
GVWR	14000	10500	11000	13000	10500	11000	14000	10800
Min Axle Ratio	3.73	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.73	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	27.8	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	27.8	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5213699	5213700	5213703	5213744	5213731	5213733	5213664	5213654
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508
Fuel Tank(s)	TS	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	CREW CAB	CREW CAB
Wheelbase	Long	Short	Short	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X4	4X4
Curb Weight	7270	7136	7136	9421	8516	8516	8315	8022
LVW - ETW	7500	7500	7500	9500	9000	9000	8500	8500
Loaded Weight	7570	7436	7436	9721	8816	8816	8615	8322
ALVW - ETW	9500	9000	9000	11000	9500	10000	11000	9500
Adj. Loaded Weight	9385	8918	9068	11210	9658	10008	11158	9611
GVWR	11500	10700	11000	13000	10800	11500	14000	11200
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	24.2	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	25.9	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5213657	5213660	5213656	5213635	5213633	5213636	5213641	5213691
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Short	Short	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8022	8022	8022	7823	7823	7823	7823	10106
LVW - ETW	8500	8500	8500	8000	8000	8000	8000	10500
Loaded Weight	8322	8322	8322	8123	8123	8123	8123	10406
ALVW - ETW	9500	10000	10000	9500	9500	9500	9500	11500
Adj. Loaded Weight	9661	9761	9761	9512	9562	9662	9662	11553
GVWR	11300	11500	11500	11200	11300	11500	11500	13000
Min Axle Ratio	3.31	3.55	3.31	3.31	3.31	3.31	3.55	3.73
Max Axle Ratio	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.73
Min N/V Ratio	24.2	24.4	23.4	24.5	24.2	23.4	24.4	27.8
Max N/V Ratio	25.9	24.4	25.1	26.4	25.9	25.1	24.4	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Max Tire Size	LT275/65R18	LT275/65R20	LT275/70R18	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5213677	5213680	5213678	5213653	5213617	5213618	5213619	5213689
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TY
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	9279	9279	9279	7565	7284	7284	7284	9357
LVW - ETW	9500	9500	9500	8000	7500	7500	7500	9500
Loaded Weight	9579	9579	9579	7865	7584	7584	7584	9657
ALVW - ETW	10000	10500	10500	11000	9000	9000	9500	11000
Adj. Loaded Weight	10240	10290	10390	10782	9042	9142	9392	11178
GVWR	11200	11300	11500	14000	10800	11000	11500	13000
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.73
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	27.8
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5213665	5213667	5213666	5213663	5213627	5213626	5213632	5213651
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508
Fuel Tank(s)	TY	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW
Body Style	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8541	8541	8541	8086	7787	7787	7787	7787
LVW - ETW	9000	9000	9000	8500	8000	8000	8000	8000
Loaded Weight	8841	8841	8841	8386	8087	8087	8087	8087
ALVW - ETW	9500	10000	10000	11000	9500	9500	9500	9500
Adj. Loaded Weight	9670	9770	10020	11043	9494	9544	9644	9644
GVWR	10800	11000	11500	14000	11200	11300	11500	11500
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.55
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	24.4
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	24.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5213628	5213630	5213634	5213640	5213690	5213673	5213675	5213676
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508	DFA17C0508
Fuel Tank(s)	TY	TY	TY	TY	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE
Wheelbase	Short	Short	Short	Short	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	7600	7600	7600	7600	9877	9045	9045	9045
LVW - ETW	8000	8000	8000	8000	10000	9500	9500	9500
Loaded Weight	7900	7900	7900	7900	10177	9345	9345	9345
ALVW - ETW	9500	9500	9500	9500	11500	10000	10000	10500
Adj. Loaded Weight	9350	9400	9550	9550	11438	10122	10172	10272
GVWR	11100	11200	11500	11500	13000	11200	11300	11500
Min Axle Ratio	3.31	3.31	3.31	3.55	3.73	3.31	3.31	3.31
Max Axle Ratio	3.55	3.55	3.55	3.55	3.73	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	24.4	27.8	24.5	24.2	23.4
Max N/V Ratio	26.4	25.9	25.1	24.4	27.8	26.4	25.9	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5213746
Displacement	6.7
Calibration	DFA17D0508
Fuel Tank(s)	TS
Vehicle Line	F450
Wheel Configuration	Dual RW
Body Style	CREW CAB
Wheelbase	Long
Trans Code Combo	A CV
Drive	4X4
Curb Weight	8374
LVW - ETW	8500
Loaded Weight	8674
ALVW - ETW	11000
Adj. Loaded Weight	10837
GVWR	13300
Min Axle Ratio	4.3
Max Axle Ratio	4.3
Min N/V Ratio	32
Max N/V Ratio	32
A/C	Y
Altitude Exempt	N
Altitude Intend use	All
Calibration Application	50ST
Min Tire Size	LT245/75R17
Max Tire Size	LT245/75R17
Alt Tire 1	
Alt Tire 2	
Alt Tire 3	
Alt Tire 4	
Alt Tire 5	
Alt Tire 6	
Alt Tire 7	

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5219305	5219298	5219299	5219282	5219286	5219326	5219315	5219316
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509
Fuel Tank(s)	TS	TS	TS	TY	TY	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7872	7501	7501	7327	7327	9649	8748	8748
LVW - ETW	8000	8000	8000	7500	7500	10000	9000	9000
Loaded Weight	8172	7801	7801	7627	7627	9949	9048	9048
ALVW - ETW	11000	9500	9500	9000	9500	11500	10000	10000
Adj. Loaded Weight	10936	9300	9500	9064	9364	11324	9924	10124
GVWR	14000	11100	11500	10800	11400	13000	11100	11500
Min Axle Ratio	3.73	3.31	3.31	3.31	3.31	3.73	3.31	3.31
Max Axle Ratio	3.73	3.55	3.55	3.55	3.55	3.73	3.55	3.55
Min N/V Ratio	27.8	24.5	24.2	24.5	24.2	27.8	24.5	24.2
Max N/V Ratio	27.8	26.4	25.9	26.4	25.9	27.8	26.4	25.9
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5219297	5219274	5219273	5219324	5219306	5219307	5219304	5219279
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509
Fuel Tank(s)	TY	TY	TY	TY	TY	TY	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7110	6752	6752	8887	7999	7999	7644	7270
LVW - ETW	7500	7000	7000	9000	8500	8500	8000	7500
Loaded Weight	7410	7052	7052	9187	8299	8299	7944	7570
ALVW - ETW	10500	8500	9000	11000	9000	9500	11000	9000
Adj. Loaded Weight	10555	8626	8876	10944	9250	9500	10822	9035
GVWR	14000	10500	11000	13000	10500	11000	14000	10800
Min Axle Ratio	3.73	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.73	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	27.8	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	27.8	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5219287	5219284	5219280	5219325	5219312	5219313	5219245	5219235
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509
Fuel Tank(s)	TS	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	CREW CAB	CREW CAB
Wheelbase	Long	Short	Short	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X4	4X4
Curb Weight	7270	7136	7136	9421	8516	8516	8315	8022
LVW - ETW	7500	7500	7500	9500	9000	9000	8500	8500
Loaded Weight	7570	7436	7436	9721	8816	8816	8615	8322
ALVW - ETW	9500	9000	9000	11000	9500	10000	11000	9500
Adj. Loaded Weight	9385	8918	9068	11210	9658	10008	11158	9611
GVWR	11500	10700	11000	13000	10800	11500	14000	11200
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	24.2	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	25.9	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5219237	5219238	5219242	5219210	5219209	5219212	5219221	5219272
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Short	Short	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8022	8022	8022	7823	7823	7823	7823	10106
LVW - ETW	8500	8500	8500	8000	8000	8000	8000	10500
Loaded Weight	8322	8322	8322	8123	8123	8123	8123	10406
ALVW - ETW	9500	10000	10000	9500	9500	9500	9500	11500
Adj. Loaded Weight	9661	9761	9761	9512	9562	9662	9662	11553
GVWR	11300	11500	11500	11200	11300	11500	11500	13000
Min Axle Ratio	3.31	3.31	3.55	3.31	3.31	3.31	3.55	3.73
Max Axle Ratio	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.73
Min N/V Ratio	24.2	23.4	24.4	24.5	24.2	23.4	24.4	27.8
Max N/V Ratio	25.9	25.1	24.4	26.4	25.9	25.1	24.4	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Max Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5219258	5219261	5219260	5219234	5219198	5219200	5219199	5219270
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TY
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	9279	9279	9279	7565	7284	7284	7284	9357
LVW - ETW	9500	9500	9500	8000	7500	7500	7500	9500
Loaded Weight	9579	9579	9579	7865	7584	7584	7584	9657
ALVW - ETW	10000	10500	10500	11000	9000	9000	9500	11000
Adj. Loaded Weight	10240	10290	10390	10782	9042	9142	9392	11178
GVWR	11200	11300	11500	14000	10800	11000	11500	13000
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.73
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	27.8
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5219246	5219248	5219247	5219244	5219207	5219213	5219232	5219216
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509
Fuel Tank(s)	TY	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW
Body Style	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8541	8541	8541	8086	7787	7787	7787	7787
LVW - ETW	9000	9000	9000	8500	8000	8000	8000	8000
Loaded Weight	8841	8841	8841	8386	8087	8087	8087	8087
ALVW - ETW	9500	10000	10000	11000	9500	9500	9500	9500
Adj. Loaded Weight	9670	9770	10020	11043	9494	9544	9644	9644
GVWR	10800	11000	11500	14000	11200	11300	11500	11500
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.55	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	24.4	23.4
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	24.4	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5219211	5219217	5219215	5219220	5219271	5219256	5219255	5219254
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509	DFA17C0509
Fuel Tank(s)	TY	TY	TY	TY	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE
Wheelbase	Short	Short	Short	Short	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	7600	7600	7600	7600	9877	9045	9045	9045
LVW - ETW	8000	8000	8000	8000	10000	9500	9500	9500
Loaded Weight	7900	7900	7900	7900	10177	9345	9345	9345
ALVW - ETW	9500	9500	9500	9500	11500	10000	10000	10500
Adj. Loaded Weight	9350	9400	9550	9550	11438	10122	10172	10272
GVWR	11100	11200	11500	11500	13000	11200	11300	11500
Min Axle Ratio	3.31	3.31	3.31	3.55	3.73	3.31	3.31	3.31
Max Axle Ratio	3.55	3.55	3.55	3.55	3.73	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	24.4	27.8	24.5	24.2	23.4
Max N/V Ratio	26.4	25.9	25.1	24.4	27.8	26.4	25.9	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5219327
Displacement	6.7
Calibration	DFA17D0509
Fuel Tank(s)	TS
Vehicle Line	F450
Wheel Configuration	Dual RW
Body Style	CREW CAB
Wheelbase	Long
Trans Code Combo	A CV
Drive	4X4
Curb Weight	8374
LVW - ETW	8500
Loaded Weight	8674
ALVW - ETW	11000
Adj. Loaded Weight	10837
GVWR	13300
Min Axle Ratio	4.3
Max Axle Ratio	4.3
Min N/V Ratio	32
Max N/V Ratio	32
A/C	Y
Altitude Exempt	N
Altitude Intend use	All
Calibration Application	50ST
Min Tire Size	LT245/75R17
Max Tire Size	LT245/75R17
Alt Tire 1	
Alt Tire 2	
Alt Tire 3	
Alt Tire 4	
Alt Tire 5	
Alt Tire 6	
Alt Tire 7	

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5222128	5222116	5222115	5222075	5222077	5222185	5222163	5222162
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510
Fuel Tank(s)	TS	TS	TS	TY	TY	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7872	7501	7501	7327	7327	9649	8748	8748
LVW - ETW	8000	8000	8000	7500	7500	10000	9000	9000
Loaded Weight	8172	7801	7801	7627	7627	9949	9048	9048
ALVW - ETW	11000	9500	9500	9000	9500	11500	10000	10000
Adj. Loaded Weight	10936	9300	9500	9064	9364	11324	9924	10124
GVWR	14000	11100	11500	10800	11400	13000	11100	11500
Min Axle Ratio	3.73	3.31	3.31	3.31	3.31	3.73	3.31	3.31
Max Axle Ratio	3.73	3.55	3.55	3.55	3.55	3.73	3.55	3.55
Min N/V Ratio	27.8	24.5	24.2	24.5	24.2	27.8	24.5	24.2
Max N/V Ratio	27.8	26.4	25.9	26.4	25.9	27.8	26.4	25.9
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5222108	5222042	5222044	5222183	5222136	5222135	5222127	5222074
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510
Fuel Tank(s)	TY	TY	TY	TY	TY	TY	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7110	6752	6752	8887	7999	7999	7644	7270
LVW - ETW	7500	7000	7000	9000	8500	8500	8000	7500
Loaded Weight	7410	7052	7052	9187	8299	8299	7944	7570
ALVW - ETW	10500	8500	9000	11000	9000	9500	11000	9000
Adj. Loaded Weight	10555	8626	8876	10944	9250	9500	10822	9035
GVWR	14000	10500	11000	13000	10500	11000	14000	10800
Min Axle Ratio	3.73	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.73	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	27.8	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	27.8	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5222080	5222072	5222079	5222184	5222159	5222160	5221960	5221941
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510
Fuel Tank(s)	TS	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	CREW CAB	CREW CAB
Wheelbase	Long	Short	Short	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X4	4X4
Curb Weight	7270	7136	7136	9421	8516	8516	8315	8022
LVW - ETW	7500	7500	7500	9500	9000	9000	8500	8500
Loaded Weight	7570	7436	7436	9721	8816	8816	8615	8322
ALVW - ETW	9500	9000	9000	11000	9500	10000	11000	9500
Adj. Loaded Weight	9385	8918	9068	11210	9658	10008	11158	9611
GVWR	11500	10700	11000	13000	10800	11500	14000	11200
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	24.2	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	25.9	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5221942	5221940	5221957	5221876	5221881	5221917	5221877	5222035
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Short	Short	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8022	8022	8022	7823	7823	7823	7823	10106
LVW - ETW	8500	8500	8500	8000	8000	8000	8000	10500
Loaded Weight	8322	8322	8322	8123	8123	8123	8123	10406
ALVW - ETW	9500	10000	10000	9500	9500	9500	9500	11500
Adj. Loaded Weight	9661	9761	9761	9512	9562	9662	9662	11553
GVWR	11300	11500	11500	11200	11300	11500	11500	13000
Min Axle Ratio	3.31	3.31	3.55	3.31	3.31	3.55	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.73
Min N/V Ratio	24.2	23.4	24.4	24.5	24.2	24.4	23.4	27.8
Max N/V Ratio	25.9	25.1	24.4	26.4	25.9	24.4	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17
Max Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5222007	5222006	5222005	5221931	5221831	5221834	5221832	5222033
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TY
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	9279	9279	9279	7565	7284	7284	7284	9357
LVW - ETW	9500	9500	9500	8000	7500	7500	7500	9500
Loaded Weight	9579	9579	9579	7865	7584	7584	7584	9657
ALVW - ETW	10000	10500	10500	11000	9000	9000	9500	11000
Adj. Loaded Weight	10240	10290	10390	10782	9042	9142	9392	11178
GVWR	11200	11300	11500	14000	10800	11000	11500	13000
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.73
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	27.8
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5221969	5221971	5221972	5221959	5221878	5221882	5221929	5221875
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510
Fuel Tank(s)	TY	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW
Body Style	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8541	8541	8541	8086	7787	7787	7787	7787
LVW - ETW	9000	9000	9000	8500	8000	8000	8000	8000
Loaded Weight	8841	8841	8841	8386	8087	8087	8087	8087
ALVW - ETW	9500	10000	10000	11000	9500	9500	9500	9500
Adj. Loaded Weight	9670	9770	10020	11043	9494	9544	9644	9644
GVWR	10800	11000	11500	14000	11200	11300	11500	11500
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.55	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	24.4	23.4
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	24.4	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5221874	5221879	5221927	5221885	5222034	5222002	5222003	5222001
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510	DFA17C0510
Fuel Tank(s)	TY	TY	TY	TY	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE
Wheelbase	Short	Short	Short	Short	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	7600	7600	7600	7600	9877	9045	9045	9045
LVW - ETW	8000	8000	8000	8000	10000	9500	9500	9500
Loaded Weight	7900	7900	7900	7900	10177	9345	9345	9345
ALVW - ETW	9500	9500	9500	9500	11500	10000	10000	10500
Adj. Loaded Weight	9350	9400	9550	9550	11438	10122	10172	10272
GVWR	11100	11200	11500	11500	13000	11200	11300	11500
Min Axle Ratio	3.31	3.31	3.55	3.31	3.73	3.31	3.31	3.31
Max Axle Ratio	3.55	3.55	3.55	3.55	3.73	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	24.4	23.4	27.8	24.5	24.2	23.4
Max N/V Ratio	26.4	25.9	24.4	25.1	27.8	26.4	25.9	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5222186
Displacement	6.7
Calibration	DFA17D0510
Fuel Tank(s)	TS
Vehicle Line	F450
Wheel Configuration	Dual RW
Body Style	CREW CAB
Wheelbase	Long
Trans Code Combo	A CV
Drive	4X4
Curb Weight	8374
LVW - ETW	8500
Loaded Weight	8674
ALVW - ETW	11000
Adj. Loaded Weight	10837
GVWR	13300
Min Axle Ratio	4.3
Max Axle Ratio	4.3
Min N/V Ratio	32
Max N/V Ratio	32
A/C	Y
Altitude Exempt	N
Altitude Intend use	All
Calibration Application	50ST
Min Tire Size	LT245/75R17
Max Tire Size	LT245/75R17
Alt Tire 1	
Alt Tire 2	
Alt Tire 3	
Alt Tire 4	
Alt Tire 5	
Alt Tire 6	
Alt Tire 7	

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5226928	5226915	5226917	5226875	5226878	5226985	5226962	5226964
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512
Fuel Tank(s)	TS	TS	TS	TY	TY	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7872	7501	7501	7327	7327	9649	8748	8748
LVW - ETW	8000	8000	8000	7500	7500	10000	9000	9000
Loaded Weight	8172	7801	7801	7627	7627	9949	9048	9048
ALVW - ETW	11000	9500	9500	9000	9500	11500	10000	10000
Adj. Loaded Weight	10936	9300	9500	9064	9364	11324	9924	10124
GVWR	14000	11100	11500	10800	11400	13000	11100	11500
Min Axle Ratio	3.73	3.31	3.31	3.31	3.31	3.73	3.31	3.31
Max Axle Ratio	3.73	3.55	3.55	3.55	3.55	3.73	3.55	3.55
Min N/V Ratio	27.8	24.5	24.2	24.5	24.2	27.8	24.5	24.2
Max N/V Ratio	27.8	26.4	25.9	26.4	25.9	27.8	26.4	25.9
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5226908	5226842	5226843	5226983	5226935	5226937	5226927	5226876
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512
Fuel Tank(s)	TY	TY	TY	TY	TY	TY	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7110	6752	6752	8887	7999	7999	7644	7270
LVW - ETW	7500	7000	7000	9000	8500	8500	8000	7500
Loaded Weight	7410	7052	7052	9187	8299	8299	7944	7570
ALVW - ETW	10500	8500	9000	11000	9000	9500	11000	9000
Adj. Loaded Weight	10555	8626	8876	10944	9250	9500	10822	9035
GVWR	14000	10500	11000	13000	10500	11000	14000	10800
Min Axle Ratio	3.73	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.73	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	27.8	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	27.8	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5226873	5226872	5226874	5226984	5226959	5226960	5226760	5226741
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512
Fuel Tank(s)	TS	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	CREW CAB	CREW CAB
Wheelbase	Long	Short	Short	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X4	4X4
Curb Weight	7270	7136	7136	9421	8516	8516	8315	8022
LVW - ETW	7500	7500	7500	9500	9000	9000	8500	8500
Loaded Weight	7570	7436	7436	9721	8816	8816	8615	8322
ALVW - ETW	9500	9000	9000	11000	9500	10000	11000	9500
Adj. Loaded Weight	9385	8918	9068	11210	9658	10008	11158	9611
GVWR	11500	10700	11000	13000	10800	11500	14000	11200
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	24.2	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	25.9	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5226742	5226740	5226756	5226679	5226680	5226681	5226720	5226835
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Short	Short	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8022	8022	8022	7823	7823	7823	7823	10106
LVW - ETW	8500	8500	8500	8000	8000	8000	8000	10500
Loaded Weight	8322	8322	8322	8123	8123	8123	8123	10406
ALVW - ETW	9500	10000	10000	9500	9500	9500	9500	11500
Adj. Loaded Weight	9661	9761	9761	9512	9562	9662	9662	11553
GVWR	11300	11500	11500	11200	11300	11500	11500	13000
Min Axle Ratio	3.31	3.31	3.55	3.31	3.31	3.31	3.55	3.73
Max Axle Ratio	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.73
Min N/V Ratio	24.2	23.4	24.4	24.5	24.2	23.4	24.4	27.8
Max N/V Ratio	25.9	25.1	24.4	26.4	25.9	25.1	24.4	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Max Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5226805	5226808	5226807	5226731	5226632	5226631	5226633	5226833
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TY
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	9279	9279	9279	7565	7284	7284	7284	9357
LVW - ETW	9500	9500	9500	8000	7500	7500	7500	9500
Loaded Weight	9579	9579	9579	7865	7584	7584	7584	9657
ALVW - ETW	10000	10500	10500	11000	9000	9000	9500	11000
Adj. Loaded Weight	10240	10290	10390	10782	9042	9142	9392	11178
GVWR	11200	11300	11500	14000	10800	11000	11500	13000
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.73
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	27.8
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5226769	5226771	5226770	5226759	5226675	5226676	5226677	5226725
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512
Fuel Tank(s)	TY	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW
Body Style	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8541	8541	8541	8086	7787	7787	7787	7787
LVW - ETW	9000	9000	9000	8500	8000	8000	8000	8000
Loaded Weight	8841	8841	8841	8386	8087	8087	8087	8087
ALVW - ETW	9500	10000	10000	11000	9500	9500	9500	9500
Adj. Loaded Weight	9670	9770	10020	11043	9494	9544	9644	9644
GVWR	10800	11000	11500	14000	11200	11300	11500	11500
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.55
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	24.4
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	24.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5226674	5226684	5226730	5226685	5226834	5226801	5226802	5226803
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512	DFA17C0512
Fuel Tank(s)	TY	TY	TY	TY	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE
Wheelbase	Short	Short	Short	Short	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	7600	7600	7600	7600	9877	9045	9045	9045
LVW - ETW	8000	8000	8000	8000	10000	9500	9500	9500
Loaded Weight	7900	7900	7900	7900	10177	9345	9345	9345
ALVW - ETW	9500	9500	9500	9500	11500	10000	10000	10500
Adj. Loaded Weight	9350	9400	9550	9550	11438	10122	10172	10272
GVWR	11100	11200	11500	11500	13000	11200	11300	11500
Min Axle Ratio	3.31	3.31	3.55	3.31	3.73	3.31	3.31	3.31
Max Axle Ratio	3.55	3.55	3.55	3.55	3.73	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	24.4	23.4	27.8	24.5	24.2	23.4
Max N/V Ratio	26.4	25.9	24.4	25.1	27.8	26.4	25.9	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5226986
Displacement	6.7
Calibration	DFA17D0512
Fuel Tank(s)	TS
Vehicle Line	F450
Wheel Configuration	Dual RW
Body Style	CREW CAB
Wheelbase	Long
Trans Code Combo	A CV
Drive	4X4
Curb Weight	8374
LVW - ETW	8500
Loaded Weight	8674
ALVW - ETW	11000
Adj. Loaded Weight	10837
GVWR	13300
Min Axle Ratio	4.3
Max Axle Ratio	4.3
Min N/V Ratio	32
Max N/V Ratio	32
A/C	Y
Altitude Exempt	N
Altitude Intend use	All
Calibration Application	50ST
Min Tire Size	LT245/75R17
Max Tire Size	LT245/75R17
Alt Tire 1	
Alt Tire 2	
Alt Tire 3	
Alt Tire 4	
Alt Tire 5	
Alt Tire 6	
Alt Tire 7	

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5229008	5228995	5228997	5228953	5228958	5229065	5229042	5229043
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514
Fuel Tank(s)	TS	TS	TS	TY	TY	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7872	7501	7501	7327	7327	9649	8748	8748
LVW - ETW	8000	8000	8000	7500	7500	10000	9000	9000
Loaded Weight	8172	7801	7801	7627	7627	9949	9048	9048
ALVW - ETW	11000	9500	9500	9000	9500	11500	10000	10000
Adj. Loaded Weight	10936	9300	9500	9064	9364	11324	9924	10124
GVWR	14000	11100	11500	10800	11400	13000	11100	11500
Min Axle Ratio	3.73	3.31	3.31	3.31	3.31	3.73	3.31	3.31
Max Axle Ratio	3.73	3.55	3.55	3.55	3.55	3.73	3.55	3.55
Min N/V Ratio	27.8	24.5	24.2	24.5	24.2	27.8	24.5	24.2
Max N/V Ratio	27.8	26.4	25.9	26.4	25.9	27.8	26.4	25.9
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5228988	5228922	5228923	5229063	5229015	5229016	5229007	5228954
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514
Fuel Tank(s)	TY	TY	TY	TY	TY	TY	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7110	6752	6752	8887	7999	7999	7644	7270
LVW - ETW	7500	7000	7000	9000	8500	8500	8000	7500
Loaded Weight	7410	7052	7052	9187	8299	8299	7944	7570
ALVW - ETW	10500	8500	9000	11000	9000	9500	11000	9000
Adj. Loaded Weight	10555	8626	8876	10944	9250	9500	10822	9035
GVWR	14000	10500	11000	13000	10500	11000	14000	10800
Min Axle Ratio	3.73	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.73	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	27.8	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	27.8	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5228956	5228952	5228957	5229064	5229040	5229039	5228840	5228821
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514
Fuel Tank(s)	TS	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	CREW CAB	CREW CAB
Wheelbase	Long	Short	Short	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X4	4X4
Curb Weight	7270	7136	7136	9421	8516	8516	8315	8022
LVW - ETW	7500	7500	7500	9500	9000	9000	8500	8500
Loaded Weight	7570	7436	7436	9721	8816	8816	8615	8322
ALVW - ETW	9500	9000	9000	11000	9500	10000	11000	9500
Adj. Loaded Weight	9385	8918	9068	11210	9658	10008	11158	9611
GVWR	11500	10700	11000	13000	10800	11500	14000	11200
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	24.2	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	25.9	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5228823	5228834	5228820	5228754	5228758	5228797	5228764	5228915
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Short	Short	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8022	8022	8022	7823	7823	7823	7823	10106
LVW - ETW	8500	8500	8500	8000	8000	8000	8000	10500
Loaded Weight	8322	8322	8322	8123	8123	8123	8123	10406
ALVW - ETW	9500	10000	10000	9500	9500	9500	9500	11500
Adj. Loaded Weight	9661	9761	9761	9512	9562	9662	9662	11553
GVWR	11300	11500	11500	11200	11300	11500	11500	13000
Min Axle Ratio	3.31	3.55	3.31	3.31	3.31	3.55	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.73
Min N/V Ratio	24.2	24.4	23.4	24.5	24.2	24.4	23.4	27.8
Max N/V Ratio	25.9	24.4	25.1	26.4	25.9	24.4	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17
Max Tire Size	LT275/65R18	LT275/65R20	LT275/70R18	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5228885	5228887	5228888	5228811	5228711	5228712	5228713	5228913
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TY
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	9279	9279	9279	7565	7284	7284	7284	9357
LVW - ETW	9500	9500	9500	8000	7500	7500	7500	9500
Loaded Weight	9579	9579	9579	7865	7584	7584	7584	9657
ALVW - ETW	10000	10500	10500	11000	9000	9000	9500	11000
Adj. Loaded Weight	10240	10290	10390	10782	9042	9142	9392	11178
GVWR	11200	11300	11500	14000	10800	11000	11500	13000
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.73
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	27.8
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5228849	5228852	5228850	5228839	5228762	5228760	5228798	5228755
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514
Fuel Tank(s)	TY	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW
Body Style	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8541	8541	8541	8086	7787	7787	7787	7787
LVW - ETW	9000	9000	9000	8500	8000	8000	8000	8000
Loaded Weight	8841	8841	8841	8386	8087	8087	8087	8087
ALVW - ETW	9500	10000	10000	11000	9500	9500	9500	9500
Adj. Loaded Weight	9670	9770	10020	11043	9494	9544	9644	9644
GVWR	10800	11000	11500	14000	11200	11300	11500	11500
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.55	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	24.4	23.4
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	24.4	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5228756	5228759	5228808	5228761	5228914	5228882	5228884	5228881
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514	DFA17C0514
Fuel Tank(s)	TY	TY	TY	TY	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE
Wheelbase	Short	Short	Short	Short	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	7600	7600	7600	7600	9877	9045	9045	9045
LVW - ETW	8000	8000	8000	8000	10000	9500	9500	9500
Loaded Weight	7900	7900	7900	7900	10177	9345	9345	9345
ALVW - ETW	9500	9500	9500	9500	11500	10000	10000	10500
Adj. Loaded Weight	9350	9400	9550	9550	11438	10122	10172	10272
GVWR	11100	11200	11500	11500	13000	11200	11300	11500
Min Axle Ratio	3.31	3.31	3.55	3.31	3.73	3.31	3.31	3.31
Max Axle Ratio	3.55	3.55	3.55	3.55	3.73	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	24.4	23.4	27.8	24.5	24.2	23.4
Max N/V Ratio	26.4	25.9	24.4	25.1	27.8	26.4	25.9	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5229066
Displacement	6.7
Calibration	DFA17D0514
Fuel Tank(s)	TS
Vehicle Line	F450
Wheel Configuration	Dual RW
Body Style	CREW CAB
Wheelbase	Long
Trans Code Combo	A CV
Drive	4X4
Curb Weight	8374
LVW - ETW	8500
Loaded Weight	8674
ALVW - ETW	11000
Adj. Loaded Weight	10837
GVWR	13300
Min Axle Ratio	4.3
Max Axle Ratio	4.3
Min N/V Ratio	32
Max N/V Ratio	32
A/C	Y
Altitude Exempt	N
Altitude Intend use	All
Calibration Application	50ST
Min Tire Size	LT245/75R17
Max Tire Size	LT245/75R17
Alt Tire 1	
Alt Tire 2	
Alt Tire 3	
Alt Tire 4	
Alt Tire 5	
Alt Tire 6	
Alt Tire 7	

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5230108	5230095	5230096	5230052	5230053	5230165	5230142	5230143
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515
Fuel Tank(s)	TS	TS	TS	TY	TY	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7872	7501	7501	7327	7327	9649	8748	8748
LVW - ETW	8000	8000	8000	7500	7500	10000	9000	9000
Loaded Weight	8172	7801	7801	7627	7627	9949	9048	9048
ALVW - ETW	11000	9500	9500	9000	9500	11500	10000	10000
Adj. Loaded Weight	10936	9300	9500	9064	9364	11324	9924	10124
GVWR	14000	11100	11500	10800	11400	13000	11100	11500
Min Axle Ratio	3.73	3.31	3.31	3.31	3.31	3.73	3.31	3.31
Max Axle Ratio	3.73	3.55	3.55	3.55	3.55	3.73	3.55	3.55
Min N/V Ratio	27.8	24.5	24.2	24.5	24.2	27.8	24.5	24.2
Max N/V Ratio	27.8	26.4	25.9	26.4	25.9	27.8	26.4	25.9
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5230088	5230022	5230024	5230163	5230116	5230115	5230107	5230056
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515
Fuel Tank(s)	TY	TY	TY	TY	TY	TY	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7110	6752	6752	8887	7999	7999	7644	7270
LVW - ETW	7500	7000	7000	9000	8500	8500	8000	7500
Loaded Weight	7410	7052	7052	9187	8299	8299	7944	7570
ALVW - ETW	10500	8500	9000	11000	9000	9500	11000	9000
Adj. Loaded Weight	10555	8626	8876	10944	9250	9500	10822	9035
GVWR	14000	10500	11000	13000	10500	11000	14000	10800
Min Axle Ratio	3.73	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.73	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	27.8	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	27.8	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5230057	5230059	5230055	5230164	5230140	5230139	5229940	5229920
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515
Fuel Tank(s)	TS	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	CREW CAB	CREW CAB
Wheelbase	Long	Short	Short	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X4	4X4
Curb Weight	7270	7136	7136	9421	8516	8516	8315	8022
LVW - ETW	7500	7500	7500	9500	9000	9000	8500	8500
Loaded Weight	7570	7436	7436	9721	8816	8816	8615	8322
ALVW - ETW	9500	9000	9000	11000	9500	10000	11000	9500
Adj. Loaded Weight	9385	8918	9068	11210	9658	10008	11158	9611
GVWR	11500	10700	11000	13000	10800	11500	14000	11200
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	24.2	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	25.9	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5229921	5229923	5229936	5229859	5229861	5229860	5229899	5230015
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Short	Short	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8022	8022	8022	7823	7823	7823	7823	10106
LVW - ETW	8500	8500	8500	8000	8000	8000	8000	10500
Loaded Weight	8322	8322	8322	8123	8123	8123	8123	10406
ALVW - ETW	9500	10000	10000	9500	9500	9500	9500	11500
Adj. Loaded Weight	9661	9761	9761	9512	9562	9662	9662	11553
GVWR	11300	11500	11500	11200	11300	11500	11500	13000
Min Axle Ratio	3.31	3.31	3.55	3.31	3.31	3.31	3.55	3.73
Max Axle Ratio	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.73
Min N/V Ratio	24.2	23.4	24.4	24.5	24.2	23.4	24.4	27.8
Max N/V Ratio	25.9	25.1	24.4	26.4	25.9	25.1	24.4	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Max Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5229985	5229986	5229988	5229911	5229811	5229813	5229814	5230013
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TY
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	9279	9279	9279	7565	7284	7284	7284	9357
LVW - ETW	9500	9500	9500	8000	7500	7500	7500	9500
Loaded Weight	9579	9579	9579	7865	7584	7584	7584	9657
ALVW - ETW	10000	10500	10500	11000	9000	9000	9500	11000
Adj. Loaded Weight	10240	10290	10390	10782	9042	9142	9392	11178
GVWR	11200	11300	11500	14000	10800	11000	11500	13000
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.73
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	27.8
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5229950	5229952	5229949	5229939	5229854	5229865	5229909	5229864
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515
Fuel Tank(s)	TY	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW
Body Style	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8541	8541	8541	8086	7787	7787	7787	7787
LVW - ETW	9000	9000	9000	8500	8000	8000	8000	8000
Loaded Weight	8841	8841	8841	8386	8087	8087	8087	8087
ALVW - ETW	9500	10000	10000	11000	9500	9500	9500	9500
Adj. Loaded Weight	9670	9770	10020	11043	9494	9544	9644	9644
GVWR	10800	11000	11500	14000	11200	11300	11500	11500
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.55	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	24.4	23.4
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	24.4	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5229855	5229857	5229856	5229904	5230014	5229981	5229983	5229982
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515	DFA17C0515
Fuel Tank(s)	TY	TY	TY	TY	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE
Wheelbase	Short	Short	Short	Short	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	7600	7600	7600	7600	9877	9045	9045	9045
LVW - ETW	8000	8000	8000	8000	10000	9500	9500	9500
Loaded Weight	7900	7900	7900	7900	10177	9345	9345	9345
ALVW - ETW	9500	9500	9500	9500	11500	10000	10000	10500
Adj. Loaded Weight	9350	9400	9550	9550	11438	10122	10172	10272
GVWR	11100	11200	11500	11500	13000	11200	11300	11500
Min Axle Ratio	3.31	3.31	3.31	3.55	3.73	3.31	3.31	3.31
Max Axle Ratio	3.55	3.55	3.55	3.55	3.73	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	24.4	27.8	24.5	24.2	23.4
Max N/V Ratio	26.4	25.9	25.1	24.4	27.8	26.4	25.9	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5230166
Displacement	6.7
Calibration	DFA17D0515
Fuel Tank(s)	TS
Vehicle Line	F450
Wheel Configuration	Dual RW
Body Style	CREW CAB
Wheelbase	Long
Trans Code Combo	A CV
Drive	4X4
Curb Weight	8374
LVW - ETW	8500
Loaded Weight	8674
ALVW - ETW	11000
Adj. Loaded Weight	10837
GVWR	13300
Min Axle Ratio	4.3
Max Axle Ratio	4.3
Min N/V Ratio	32
Max N/V Ratio	32
A/C	Y
Altitude Exempt	N
Altitude Intend use	All
Calibration Application	50ST
Min Tire Size	LT245/75R17
Max Tire Size	LT245/75R17
Alt Tire 1	
Alt Tire 2	
Alt Tire 3	
Alt Tire 4	
Alt Tire 5	
Alt Tire 6	
Alt Tire 7	

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5238850	5238837	5238838	5238794	5238802	5238907	5238884	5238886
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516
Fuel Tank(s)	TS	TS	TS	TY	TY	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7872	7501	7501	7327	7327	9649	8748	8748
LVW - ETW	8000	8000	8000	7500	7500	10000	9000	9000
Loaded Weight	8172	7801	7801	7627	7627	9949	9048	9048
ALVW - ETW	11000	9500	9500	9000	9500	11500	10000	10000
Adj. Loaded Weight	10936	9300	9500	9064	9364	11324	9924	10124
GVWR	14000	11100	11500	10800	11400	13000	11100	11500
Min Axle Ratio	3.73	3.31	3.31	3.31	3.31	3.73	3.31	3.31
Max Axle Ratio	3.73	3.55	3.55	3.55	3.55	3.73	3.55	3.55
Min N/V Ratio	27.8	24.5	24.2	24.5	24.2	27.8	24.5	24.2
Max N/V Ratio	27.8	26.4	25.9	26.4	25.9	27.8	26.4	25.9
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5238830	5238764	5238765	5238905	5238858	5238857	5238849	5238798
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516
Fuel Tank(s)	TY	TY	TY	TY	TY	TY	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7110	6752	6752	8887	7999	7999	7644	7270
LVW - ETW	7500	7000	7000	9000	8500	8500	8000	7500
Loaded Weight	7410	7052	7052	9187	8299	8299	7944	7570
ALVW - ETW	10500	8500	9000	11000	9000	9500	11000	9000
Adj. Loaded Weight	10555	8626	8876	10944	9250	9500	10822	9035
GVWR	14000	10500	11000	13000	10500	11000	14000	10800
Min Axle Ratio	3.73	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.73	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	27.8	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	27.8	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5238799	5238795	5238796	5238906	5238881	5238882	5238682	5238663
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516
Fuel Tank(s)	TS	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	CREW CAB	CREW CAB
Wheelbase	Long	Short	Short	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X4	4X4
Curb Weight	7270	7136	7136	9421	8516	8516	8315	8022
LVW - ETW	7500	7500	7500	9500	9000	9000	8500	8500
Loaded Weight	7570	7436	7436	9721	8816	8816	8615	8322
ALVW - ETW	9500	9000	9000	11000	9500	10000	11000	9500
Adj. Loaded Weight	9385	8918	9068	11210	9658	10008	11158	9611
GVWR	11500	10700	11000	13000	10800	11500	14000	11200
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	24.2	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	25.9	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5238664	5238662	5238680	5238602	5238604	5238643	5238603	5238757
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Short	Short	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8022	8022	8022	7823	7823	7823	7823	10106
LVW - ETW	8500	8500	8500	8000	8000	8000	8000	10500
Loaded Weight	8322	8322	8322	8123	8123	8123	8123	10406
ALVW - ETW	9500	10000	10000	9500	9500	9500	9500	11500
Adj. Loaded Weight	9661	9761	9761	9512	9562	9662	9662	11553
GVWR	11300	11500	11500	11200	11300	11500	11500	13000
Min Axle Ratio	3.31	3.31	3.55	3.31	3.31	3.55	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.73
Min N/V Ratio	24.2	23.4	24.4	24.5	24.2	24.4	23.4	27.8
Max N/V Ratio	25.9	25.1	24.4	26.4	25.9	24.4	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17
Max Tire Size	LT275/65R18	LT275/70R18	LT275/65R20	LT265/70R17	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5238727	5238729	5238730	5238653	5238554	5238555	5238553	5238755
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TY
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	9279	9279	9279	7565	7284	7284	7284	9357
LVW - ETW	9500	9500	9500	8000	7500	7500	7500	9500
Loaded Weight	9579	9579	9579	7865	7584	7584	7584	9657
ALVW - ETW	10000	10500	10500	11000	9000	9000	9500	11000
Adj. Loaded Weight	10240	10290	10390	10782	9042	9142	9392	11178
GVWR	11200	11300	11500	14000	10800	11000	11500	13000
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.73
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	27.8
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5238693	5238691	5238692	5238681	5238597	5238596	5238607	5238651
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516
Fuel Tank(s)	TY	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW
Body Style	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8541	8541	8541	8086	7787	7787	7787	7787
LVW - ETW	9000	9000	9000	8500	8000	8000	8000	8000
Loaded Weight	8841	8841	8841	8386	8087	8087	8087	8087
ALVW - ETW	9500	10000	10000	11000	9500	9500	9500	9500
Adj. Loaded Weight	9670	9770	10020	11043	9494	9544	9644	9644
GVWR	10800	11000	11500	14000	11200	11300	11500	11500
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.55
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	24.4
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	24.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5238598	5238600	5238599	5238647	5238756	5238724	5238726	5238723
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516	DFA17C0516
Fuel Tank(s)	TY	TY	TY	TY	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE
Wheelbase	Short	Short	Short	Short	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	7600	7600	7600	7600	9877	9045	9045	9045
LVW - ETW	8000	8000	8000	8000	10000	9500	9500	9500
Loaded Weight	7900	7900	7900	7900	10177	9345	9345	9345
ALVW - ETW	9500	9500	9500	9500	11500	10000	10000	10500
Adj. Loaded Weight	9350	9400	9550	9550	11438	10122	10172	10272
GVWR	11100	11200	11500	11500	13000	11200	11300	11500
Min Axle Ratio	3.31	3.31	3.31	3.55	3.73	3.31	3.31	3.31
Max Axle Ratio	3.55	3.55	3.55	3.55	3.73	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	24.4	27.8	24.5	24.2	23.4
Max N/V Ratio	26.4	25.9	25.1	24.4	27.8	26.4	25.9	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5238908
Displacement	6.7
Calibration	DFA17D0516
Fuel Tank(s)	TS
Vehicle Line	F450
Wheel Configuration	Dual RW
Body Style	CREW CAB
Wheelbase	Long
Trans Code Combo	A CV
Drive	4X4
Curb Weight	8374
LVW - ETW	8500
Loaded Weight	8674
ALVW - ETW	11000
Adj. Loaded Weight	10837
GVWR	13300
Min Axle Ratio	4.3
Max Axle Ratio	4.3
Min N/V Ratio	32
Max N/V Ratio	32
A/C	Y
Altitude Exempt	N
Altitude Intend use	All
Calibration Application	50ST
Min Tire Size	LT245/75R17
Max Tire Size	LT245/75R17
Alt Tire 1	
Alt Tire 2	
Alt Tire 3	
Alt Tire 4	
Alt Tire 5	
Alt Tire 6	
Alt Tire 7	

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5242628	5242615	5242617	5242577	5242574	5242685	5242662	5242663
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517
Fuel Tank(s)	TS	TS	TS	TY	TY	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7872	7501	7501	7327	7327	9649	8748	8748
LVW - ETW	8000	8000	8000	7500	7500	10000	9000	9000
Loaded Weight	8172	7801	7801	7627	7627	9949	9048	9048
ALVW - ETW	11000	9500	9500	9000	9500	11500	10000	10000
Adj. Loaded Weight	10936	9300	9500	9064	9364	11324	9924	10124
GVWR	14000	11100	11500	10800	11400	13000	11100	11500
Min Axle Ratio	3.73	3.31	3.31	3.31	3.31	3.73	3.31	3.31
Max Axle Ratio	3.73	3.55	3.55	3.55	3.55	3.73	3.55	3.55
Min N/V Ratio	27.8	24.5	24.2	24.5	24.2	27.8	24.5	24.2
Max N/V Ratio	27.8	26.4	25.9	26.4	25.9	27.8	26.4	25.9
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5242608	5242542	5242543	5242683	5242635	5242637	5242627	5242575
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517
Fuel Tank(s)	TY	TY	TY	TY	TY	TY	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2
Curb Weight	7110	6752	6752	8887	7999	7999	7644	7270
LVW - ETW	7500	7000	7000	9000	8500	8500	8000	7500
Loaded Weight	7410	7052	7052	9187	8299	8299	7944	7570
ALVW - ETW	10500	8500	9000	11000	9000	9500	11000	9000
Adj. Loaded Weight	10555	8626	8876	10944	9250	9500	10822	9035
GVWR	14000	10500	11000	13000	10500	11000	14000	10800
Min Axle Ratio	3.73	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.73	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	27.8	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	27.8	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5242578	5242572	5242573	5242684	5242660	5242659	5242460	5242442
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517
Fuel Tank(s)	TS	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Dual RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	CREW CAB	CREW CAB
Wheelbase	Long	Short	Short	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X2	4X2	4X2	4X2	4X2	4X2	4X4	4X4
Curb Weight	7270	7136	7136	9421	8516	8516	8315	8022
LVW - ETW	7500	7500	7500	9500	9000	9000	8500	8500
Loaded Weight	7570	7436	7436	9721	8816	8816	8615	8322
ALVW - ETW	9500	9000	9000	11000	9500	10000	11000	9500
Adj. Loaded Weight	9385	8918	9068	11210	9658	10008	11158	9611
GVWR	11500	10700	11000	13000	10800	11500	14000	11200
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.73	3.31
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.73	3.55
Min N/V Ratio	24.2	24.5	24.2	27.8	24.5	24.2	27.8	24.5
Max N/V Ratio	25.9	26.4	25.9	27.8	26.4	25.9	27.8	26.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17	LT275/65R18	LT245/75R17	LT245/75R17
Max Tire Size	LT275/65R18	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17	LT275/65R18	LT245/75R17	LT265/70R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5242440	5242458	5242441	5242375	5242384	5242377	5242423	5242535
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB	CREW CAB BOX DELETE
Wheelbase	Long	Long	Long	Short	Short	Short	Short	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8022	8022	8022	7823	7823	7823	7823	10106
LVW - ETW	8500	8500	8500	8000	8000	8000	8000	10500
Loaded Weight	8322	8322	8322	8123	8123	8123	8123	10406
ALVW - ETW	9500	10000	10000	9500	9500	9500	9500	11500
Adj. Loaded Weight	9661	9761	9761	9512	9562	9662	9662	11553
GVWR	11300	11500	11500	11200	11300	11500	11500	13000
Min Axle Ratio	3.31	3.55	3.31	3.31	3.31	3.31	3.55	3.73
Max Axle Ratio	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.73
Min N/V Ratio	24.2	24.4	23.4	24.5	24.2	23.4	24.4	27.8
Max N/V Ratio	25.9	24.4	25.1	26.4	25.9	25.1	24.4	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT275/65R18	LT275/65R20	LT275/70R18	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Max Tire Size	LT275/65R18	LT275/65R20	LT275/70R18	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5242505	5242508	5242506	5242431	5242332	5242331	5242334	5242533
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517
Fuel Tank(s)	TS	TS	TS	TY	TY	TY	TY	TY
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Dual RW
Body Style	CREW CAB BOX DELETE	CREW CAB BOX DELETE	CREW CAB BOX DELETE	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB	REGULAR CAB BOX DELE
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	9279	9279	9279	7565	7284	7284	7284	9357
LVW - ETW	9500	9500	9500	8000	7500	7500	7500	9500
Loaded Weight	9579	9579	9579	7865	7584	7584	7584	9657
ALVW - ETW	10000	10500	10500	11000	9000	9000	9500	11000
Adj. Loaded Weight	10240	10290	10390	10782	9042	9142	9392	11178
GVWR	11200	11300	11500	14000	10800	11000	11500	13000
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.73
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.73
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	27.8
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	27.8
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/65R20	LT245/75R17
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5242469	5242471	5242470	5242459	5242374	5242378	5242383	5242418
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517
Fuel Tank(s)	TY	TY	TY	TS	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW	Sngl RW
Body Style	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	REGULAR CAB BOX DELE	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB
Wheelbase	Long	Long	Long	Long	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	8541	8541	8541	8086	7787	7787	7787	7787
LVW - ETW	9000	9000	9000	8500	8000	8000	8000	8000
Loaded Weight	8841	8841	8841	8386	8087	8087	8087	8087
ALVW - ETW	9500	10000	10000	11000	9500	9500	9500	9500
Adj. Loaded Weight	9670	9770	10020	11043	9494	9544	9644	9644
GVWR	10800	11000	11500	14000	11200	11300	11500	11500
Min Axle Ratio	3.31	3.31	3.31	3.73	3.31	3.31	3.31	3.55
Max Axle Ratio	3.55	3.55	3.55	3.73	3.55	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	27.8	24.5	24.2	23.4	24.4
Max N/V Ratio	26.4	25.9	25.1	27.8	26.4	25.9	25.1	24.4
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5242380	5242379	5242382	5242428	5242534	5242501	5242504	5242502
Displacement	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Calibration	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517	DFA17C0517
Fuel Tank(s)	TY	TY	TY	TY	TS	TS	TS	TS
Vehicle Line	F350	F350	F350	F350	F350	F350	F350	F350
Wheel Configuration	Sngl RW	Sngl RW	Sngl RW	Sngl RW	Dual RW	Sngl RW	Sngl RW	Sngl RW
Body Style	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE	SUPER CAB BOX DELETE
Wheelbase	Short	Short	Short	Short	Long	Long	Long	Long
Trans Code Combo	A CV	A CV	A CV	A CV	A CV	A CV	A CV	A CV
Drive	4X4	4X4	4X4	4X4	4X4	4X4	4X4	4X4
Curb Weight	7600	7600	7600	7600	9877	9045	9045	9045
LVW - ETW	8000	8000	8000	8000	10000	9500	9500	9500
Loaded Weight	7900	7900	7900	7900	10177	9345	9345	9345
ALVW - ETW	9500	9500	9500	9500	11500	10000	10000	10500
Adj. Loaded Weight	9350	9400	9550	9550	11438	10122	10172	10272
GVWR	11100	11200	11500	11500	13000	11200	11300	11500
Min Axle Ratio	3.31	3.31	3.31	3.55	3.73	3.31	3.31	3.31
Max Axle Ratio	3.55	3.55	3.55	3.55	3.73	3.55	3.55	3.55
Min N/V Ratio	24.5	24.2	23.4	24.4	27.8	24.5	24.2	23.4
Max N/V Ratio	26.4	25.9	25.1	24.4	27.8	26.4	25.9	25.1
A/C	Y	Y	Y	Y	Y	Y	Y	Y
Altitude Exempt	N	N	N	N	N	N	N	N
Altitude Intend use	All	All	All	All	All	All	All	All
Calibration Application	50ST	50ST	50ST	50ST	50ST	50ST	50ST	50ST
Min Tire Size	LT245/75R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT245/75R17	LT275/65R18	LT275/70R18
Max Tire Size	LT265/70R17	LT275/65R18	LT275/70R18	LT275/65R20	LT245/75R17	LT265/70R17	LT275/65R18	LT275/70R18
Alt Tire 1								
Alt Tire 2								
Alt Tire 3								
Alt Tire 4								
Alt Tire 5								
Alt Tire 6								
Alt Tire 7								

Vehicle Description Report

Application: 50 ST
Test Group: DFMXD06.771C

ID Number	5242686
Displacement	6.7
Calibration	DFA17D0517
Fuel Tank(s)	TS
Vehicle Line	F450
Wheel Configuration	Dual RW
Body Style	CREW CAB
Wheelbase	Long
Trans Code Combo	A CV
Drive	4X4
Curb Weight	8374
LVW - ETW	8500
Loaded Weight	8674
ALVW - ETW	11000
Adj. Loaded Weight	10837
GVWR	13300
Min Axle Ratio	4.3
Max Axle Ratio	4.3
Min N/V Ratio	32
Max N/V Ratio	32
A/C	Y
Altitude Exempt	N
Altitude Intend use	All
Calibration Application	50ST
Min Tire Size	LT245/75R17
Max Tire Size	LT245/75R17
Alt Tire 1	
Alt Tire 2	
Alt Tire 3	
Alt Tire 4	
Alt Tire 5	
Alt Tire 6	
Alt Tire 7	

SECTION 14

Request for Certification

14.00.00.00

Vehicle Environmental Engineering
Environmental & Safety Engineering

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053

August 21, 2012

Mr. Chris Nevers
Certification Division
Mobile Source Pollution Control
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Dear Mr. Nevers:

Ford Motor Company (Ford) herewith submits its Part I Application for Certification for 2013 model year diesel-powered heavy-duty vehicles (HDVs) contained in Ford's 50 state test group DFMXD06.771C. We have elected to optionally certify these vehicles on the chassis dynamometer, as allowed under 40 CFR 86.1863-07. The test fuel used is Federal ultra low sulfur diesel.

The EPA certification and in-use exhaust emission standards applicable to this test group are:

Certification FTP Standards (g/mi)	Useful Life	NMHC	CO	NOx	PM	HCHO
HDV (10,001-14,000 lb GVWR)	120K	0.230	8.1	0.4	0.02	0.040

Based on Ford Motor Company's good engineering judgment, all the vehicles described in this Application are designed to comply with the applicable full useful life standards, as described above.

This Part I application for certification has been prepared in accordance with the standardized format recommended by EPA via its mail out # VPCD-99-06 (LDV, LDT, SVM), subject: "CAP 2000 Implementation: Guidance Documents and Workshop", dated April 22, 1999. Therefore, in accordance with the provisions of 40 CFR 86.1844-01(d)(14), Ford requests that a Certificate of Conformity be issued for the HDV test group listed in this Application for Certification.

Please contact Travis Henney at 313-399-7256, if you have any questions regarding this submission.

Sincerely

Todd M. Fagerman, Manager
Car and Truck Certification
Certification Programs

Vehicle Environmental Engineering
Environmental & Safety Engineering

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W200
Allen Park, Michigan 48101- 2053

August 21, 2012

Ms. Annette Hebert, Chief
Mobile Source Operations Division
Haagen-Smit Laboratory
P. O. Box 8001
9528 Telstar Avenue
El Monte, California 91734-8001

Dear Ms. Hebert:

Ford Motor Company (Ford) herewith submits its Part I Application for Certification for 2013 model year diesel-powered medium duty vehicles (MDVs) contained in Ford's 50 state test group DFMXD06.771C. The test fuel used is Federal ultra low sulfur diesel.

The FTP certification and in-use standards applicable to this test group for vehicles offered in California are as follows:

Certification FTP Standards (g/mi)	Useful Life	NMOG	CO	NOx	PM	HCHO
LEV II ULEV (10,001-14,000 lb GVWR)	120K	0.167	7.3	0.4	0.06	0.021

Based on Ford Motor Company's good engineering judgment, all the vehicles described in this Application are designed to comply with the applicable intermediate and full useful life standards, as described above.

This Part I application for certification has been prepared in accordance with the standardized format recommended by EPA via its mail out # VPCD-99-06 (LDV, LDT, SVM), subject: "CAP 2000 Implementation: Guidance Documents and Workshop"' dated April 22, 1999. This Application has also been prepared in accordance with the California Air Resources Board, Final Regulation Order, Amendments to Sections 1960.1, 1960.5, 1961, and 1962 Title 13, California Code of Regulations (As Amended August 4, 2005). Therefore, in accordance with the provisions of 40 CFR 86.1844-01(d)(14), Ford requests that an Executive Order be issued for the MDV test group listed in this Application for Certification.

Please contact Travis Henney at 313-399-7256, if you have any questions regarding this submission.

Sincerely

Todd M. Fagerman, Manager
Car and Truck Certification
Certification Programs

cc: Antonio Martino

SECTION 15

Other Information

15.00.00.00

EPA Form 3520-29 OMB Control No. 2060-0545 306011

U.S. ENVIRONMENTAL PROTECTION AGENCY
MOTOR VEHICLE AND ENGINE COMPLIANCE PROGRAM
ON-HIGHWAY FEE FILING FORM
FOR CERTIFICATION APPLICATIONS RECEIVED IN CALENDAR YEAR 2012

Manufacturer Name Ford Motor Company

Address 1500 Enterprise Drive - Suite 3W200 APTL

City/State/Zip Code/Country Allen Park, MI 48101 U.S.A.

On-Highway Certification Request Type (check one)

- [x] LDV/LDT/MDPV/HDV (Chassis cert) FEDERAL ($32,678)
- [ ] LDV/LDT/MDPV/HDV (Chassis cert) CAL-ONLY ($16,899)
- [ ] HDE (Engine Dyno cert) FEDERAL ($42,506)
- [ ] HDV EVAP-ONLY ($511)
- [ ] HDE CALIF-ONLY ($511)
- [ ] MOTORCYCLE ($1,210)
- [ ] LD/MDPV/HDV ICI ($53,639)

EPA standard family or test group name: DFMXD06.771C

Amount paid (U.S. Funds Only): $ 32,678.00

Enter the check number, or the statement "WIRE" or "ACH":

Reduced Fee Section (40 CFR §1027.120)

Reduced fee calculation (minimum initial payment $750): Total number of vehicles/units covered: ___

Aggregate retail sales price of the vehicles/units: $ _____ **x 1% = $** _____

Check box if an Independent Commercial Importer: [ ] **List the VIN of imported vehicles/engines below:**

Company Representative: Todd M. Fagerman Signature: [signature]

Title: Manager Phone/Fax: 313-594-0680 / _____ Date: 1/31/12 TJH

E-mail Address: tfagerma@ford.com

Submission of payments and forms:

(1) Online: **Forms** may be found and submitted with or without **payments** online at www.Pay.gov.

(2) By mail: For check payments only, send **checks** and this **form** to:

Environmental Protection Agency
Motor Vehicle and Engine Compliance Program
P.O. Box 979032
St. Louis, MO 63197-9000

(3) Transmit offline Wire **payments** to the New York Federal Reserve Bank. (See Instructions, p.2)

(4) Transmit offline ACH **payments** to the Federal Reserve Bank of Cleveland. (Instructions, p.2)

(5) **Forms** not submitted under (1) and (2) above can be sent as email attachments to Fees@epa.gov. Forms and payments sent in ways other than the above may be delayed or ineffective. See the Instructions for sending checks and forms by private mail service (e.g., Federal Express).

The public reporting and recordkeeping burden for this collection of information is estimated to average 18 minutes per response. Send comments on EPA's need for this information, the accuracy of the provided burden estimate, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques, to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., N.W., Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed Form 3520-29 to this address.

This form expires: 1/1/2013

SECTION 17

California ARB Requirements

17.00.00.00

E.O.# A-010-1723

2013 AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer Ford Motor Company Exh. Test Group: DFMXD06.771C Evap. Fam.: n/a

Engine Code Types: CA____ 49S____ 50S X ORVR: Yes___ No X

Exhaust Std: LEV2___ ULEV2 X SULEV2 ___ SULEV2+PZEV ___ U.S. EPA: _____

Vehicle Class(es) Select all that apply: PC_____ T1L2 (< 6,000 GVW; 0-3750 LVW) _____
T2L2 (<6,000 GVW; 3751-5750 LVW)_____ T3L2 (6,001-8,500 GVW; 3751-5750 ALVW) _____
T4L2 (6,001-8,500 GVW; 5751-8,500 ALVW) _____ M4L2 (8,500 – 10,000 GVW) _____
M5L2 (10,001 – 14,000 GVW) X

Single Cert Std for Multi-Class Eng Fam: ___ specify: (N/A, PC, T1L2, T2L2, T3L2, T4L2, M4L2, M5L2)

Exhaust Useful life: 100K ___ 120K X 150K ___ Evap Useful life: 100K ___ 120K ___ 150K ___

Exhaust In-Use Standard: Full X Alternative ____ Evap In-Use Standard: Full ____ Alternative___

Fuel Type(s): Dedicated X Flex-Fuel___ Dual-Fuel___ Bi-Fuel____ Gasoline___ Diesel X
CNG____ LNG____ LPG_____ M85_____ E85 _____ Other (specify):_____

Exh Emiss Test Fuel(s): Tier 2 Unleaded _____ Indo____ CBG___ CNG___ LPG___ M85___

Diesel: 13 CCR 2282__ 40 CFR 86.113-90__ 40 CFR 86.113-94__ E85__ Other(specify): X (40 CFR 86.113-07)

Evaporative Emission Test Procedure: California_____ Federal

Evaporative Emission Standard: LEV_____ LEV2____ Federal_____

Service Accumulation: Std AMA_____ Mod AMA___ Mfr Bench_____ Other Standard Road Cycle (SRC)

NMOG Test Procedure: N/A___ Std X Equiv___ R/L Test Procedure: SHED ____ Pt.Source____

Engine Configuration V-8 Displacement: 6.7 Liters 409 Cubic inches

Exhaust Control System and Special Features: TC / DFI / CAC / EGR-C / OC / PTOX / SCR-U / NOXS
(Use abbreviations per SAE J1930 SEP91)

EPA Certificate: DFMXD06.771C-048

NOTE: >10,000 lb GVWR diesel vehicles are exempt for evaporative and refueling emissions requirements

Test Vehicle Information	Durability Vehicle	Emission Data Vehicle
C/O MY or C/A MY & ID	2011 BFA1-6.7-888	2013 DFA1-6.7-J-314
Vehicle Log Page(s)	n/a	n/a
Zero Mile Books	n/a	n/a
Maint. Logs & Engr. Eval.	n/a	n/a

2013 AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET

PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES E.O.# A-010-1723

Manufacturer: Ford Motor Company Test Group: DFMXD06.771C Evaporative Family: n/a

Emission Data Vehicle ID	Engine Code & Disp.	Test Location	Trans	ETW	DPA		PROJECTED EMISSIONS (grams/mile, except, grams/test for evaporative tests)[1] MPG City/Hwy	NMOG*	CO	NOx	HCHO**	PM	Hwy NOx	City / Hwy CO_2	3-DAY D+HS	EVAPORATIVE R/L	2-DAY D+HS	ORVR
DFA1-6.7-J-314	DFA17C0500	FORD	A	11500	---	(120K)	n/a / n/a	0.089	0.9	0.3	0.006	0.02	0.1	812 / 713	n/a	n/a	n/a	n/a
(1)	The EDV' above complies with standards at 120K:							0.167	7.3	0.4	0.021	0.06	0.8	n/a	n/a	n/a	n/a	n/a
	NMOG values include RAF(s) of:						Not Applicable X		NMOG		Methane (CNG or LNG only)							
	Emissions include additive DFs (with applicable RAF) for 120K of:							0.0334	0.23	0.00	0.0004	0.007	0.00	n/a	n/a	n/a	n/a	n/a
	Emissions include regenerative upward adjustment factors (UAFs)** of:							0.0000	0.01	0.01	0.0000	0.000	0.01	n/a	n/a	n/a	n/a	n/a

* NMOG = NMHC for diesel vehicles.
**DPF regeneration upward adjustment factors based on 4K base and regeneration emissions testing at Ford.

Remarks:

Application
Processed by _____ Date _____ Reviewed by _____ Date _____

Test Group: DFMXD06.771C
Issued: 7/31/12
Revised: 8/21/12

E.O.# A-010-1723

2013 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer Ford Motor Company Exh. Test Group: DFMXD06.771C Evap. Fam.: n/a

Engine Code Types: CA____ 49S____ 50S X ORVR: Yes___ No X

Exhaust Std: LEV2___ ULEV2 X SULEV2 ___ SULEV2+PZEV ___ U.S. EPA: _____

Vehicle Class(es) Select all that apply: PC_____ T1L2 (< 6,000 GVW;0-3750 LVW) _____
T2L2 (<6,000 GVW, 3751-5750 LVW)_____ T3L2 (6,001-8,500 GVW; 3751-5750 ALVW) _____
T4L2 (6,001-8,500 GVW; 5751-8,500 ALVW) _____ M4L2 (8,500 – 10,000 GVW) ___
M5L2 (10,001 – 14,000 GVW) X

Single Cert Std for Multi-Class Eng Fam: ___ specify: N/A, PC, T1L2, T2L2, T3L2, T4L2, M4L2, M5L2)

Exhaust Useful life: 100K ___ 120K X 150K ___ Evap Useful life: 100K ___ 120K ___ 150K ___

Exhaust In-Use Standard: Full X Alternative ____ Evap In-Use Standard: Full ____ Alternative___

Fuel Type(s): Dedicated X Dual-Fuel___ Flex-Fuel____ Bi-Fuel____ Gasoline___ Diesel X
CNG____ LNG____ LPG_____ M85_____ E85 _____ Other (specify): _____

Exh Emiss Test Fuel(s): Tier 2 Unleaded X Indo___ CBG___ CNG___ LPG___ M85____
__

Diesel: 13 CCR 2282_ 40 CFR 86.113-90_ 40 CFR 86.113-94 E85_Other(specify):X (40 CFR 86.113-07)

Evaporative Emission Test Procedure: California_____ Federal

Evaporative Emission Standard: LEV2_____ Federal_____

Service Accumulation: Std AMA_____ Mod AMA___ Mfr Bench_____ Other Standard Road Cycle (SRC)

NMOG Test Procedure: N/A___ Std X Equiv___ R/L Test Procedure: SHED___ Pt.Source___

Engine Configuration V-8 Displacement: 6.7 Liters 409 Cubic inches

Valves/Cyl: 4 Rated HP: 400 @2800 RPM

Engine: Front X Mid_____ Rear_____ Drive: Fwd_____ RWD X 4WD-FT____ 4WD-PT X

Exhaust Control System and Special Features: TC / DFI / CAC / EGR-C / OC / PTOX / SCR-U / NOXS
(Use abbreviations per SAE J1930 SEP91)

Engine Code	Vehicle Models	Trans. A-Auto M-Man	ETW	DPA
CFA17C0500	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0501	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0505	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0506	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0507	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0508	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0509	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0510	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0512	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0514	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0515	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*

Test Group: DFMXD06.771C
Issued: 7/31/12
Revised: 10/9/12, 11/7/12, 12/5/12, 4/3/13

Engine Code	Vehicle Models	Trans. A-Auto M-Man	ETW	DPA
…Continued…				
CFA17C0516	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17C0517	F350 Pickup/Box Delete 4x2/4x4 SRW/DRW	A	*	*
CFA17D0500	F450 Pickup 4x4 DRW	A	*	*
CFA17D0501	F450 Pickup 4x4 DRW	A	*	*
CFA17D0505	F450 Pickup 4x4 DRW	A	*	*
CFA17D0506	F450 Pickup 4x4 DRW	A	*	*
CFA17D0507	F450 Pickup 4x4 DRW	A	*	*
CFA17D0508	F450 Pickup 4x4 DRW	A	*	*
CFA17D0509	F450 Pickup 4x4 DRW	A	*	*
CFA17D0510	F450 Pickup 4x4 DRW	A	*	*
CFA17D0512	F450 Pickup 4x4 DRW	A	*	*
CFA17D0514	F450 Pickup 4x4 DRW	A	*	*
CFA17D0515	F450 Pickup 4x4 DRW	A	*	*
CFA17D0516	F450 Pickup 4x4 DRW	A	*	*
CFA17D0517	F450 Pickup 4x4 DRW	A	*	*

* Refer to section 12.00.06.00 for ETW and 12.01.02.00 of the Common Section for associated DPA

180 MAX.

45 MAX.

Ford Motor Company
VEHICLE EMISSION CONTROL INFORMATION

Conforms to regulations: 2013 MY Incomplete

Weight limits refer to Emission Certification only.
DO NOT EXCEED VEHICLE GVWR (See Incomplete Vehicle Manual)

U.S. EPA: HDV	**OBD:** CA II	**FUEL:** Diesel
California: ULEV II MDV	**OBD:** CA II	**FUEL:** Diesel

Completed Vehicle Maximums: GVWR: 13,000# max.
CurbW: 10,500# max. Frontal Area: 51.0 ft2 max.

TC/DFI/CAC/EGR-C/OC/PTOX/SCR-U/NOXS
No adjustments needed.

6.7L-Group: DFMXD06.771C

▽DW7E-aC4as-**X L D** ▲

180 MAX.

45 MAX.

Ford Motor Company
VEHICLE EMISSION CONTROL INFORMATION

Conforms to regulations: 2013 MY

U.S. EPA: HDV	**OBD:** CA II	**FUEL:** Diesel
California: ULEV II MDV	**OBD:** CA II	**FUEL:** Diesel

TC/DFI/CAC/EGR-C/OC/PTOX/SCR-U/NOXS
No adjustments needed.

6.7L-Group: DFMXD06.771C

▽DW7E-aC4as-**X K T** ▲

Test Group: DFMXD06.771C
Issued: 7/31/12
Revised: 8/21/12

SECTION 18

Revisions

18.00.00.00

APPLICATION REVISIONS

DFMXD06.771C

NO.	DATE	PAGE(S)	DESCRIPTION
Initial Cert Application	8/6/12	All	Initial Cert Application
Initial Update 1	10/14/12	16.00.03.00 18.00.00.00	Updated OBD deficiency summary
RC01-001 & RC01-002	10/16/12	12.00.02.00 12.00.03.00 12.00.06.00 16.00.03.00 17.00.02.00 18.00.00.00	This running change introduces the following calibration updates: Old Calibration / New Calibration DFA17C0508 / DFA17C0509 DFA17C0509 / DFA17C0510 DFA17D0508 / DFA17D0509 DFA17D0509 / DFA17D0510 The DFA17(C/D)0509 ("R09") calibration change includes engine and OBD-II actions for OBD-II compliance and improved robustness. The major features addressed by this calibration include: improved air mass adaption (AMA) robustness (P2201), NOx sensor circuit check robustness, increased NOx sensor dewpoint temperature threshold for improved measurement accuracy sensor durability, diesel exhaust fluid quality (P207F) and leakage monitor (P2002) robustness, and a number of mode readiness and reporting changes. The R09 calibration also contains transmission calibration changes to improve shift quality and feel. The R09 running change contains no content that degrades emissions and development testing confirmed emissions transparency. The DFA17(C/D)0510 ("R10") calibration change includes engine and OBD-II actions for OBD-II compliance and improved robustness. The major features addressed by this calibration include: improved air mass adaption (AMA) robustness (P2201), changed Target N exit conditions to avoid inadvertent continuous torque monitor activation, modified negative torque DRF filter constants (P062B), changed brake switch DFCs to 2-trip MILs, improved charge air cooler temperature plausibility check robustness (P007B), improved overrun torque monitor robustness (P062B), and modified oxidation catalyst de-greening function for feedgas NOx plausibility monitor (P2201). The R10 calibration running change contains no content that degrades emissions. Ref WP 03.14.01.5405 & 03.14.01-5443 16.00.03.00 replaced due to error in 10/14/12 revision.
RC02-003 & RC02-004	11/7/12	12.00.02.00 12.00.03.00 12.00.06.00	This running change introduces the following calibration updates:

		17.00.02.00 18.00.00.00	Old Calibration / New Calibration DFA17C0510 / DFA17C0512 DFA17C0512 / DFA17C0514 DFA17D0510 / DFA17D0512 DFA17D0512 / DFA17D0514 The DFA17(C/D)0512 ("R12") calibration change includes engine, transmission and OBD-II changes. The major features addressed by this calibration include: refined turbo boost pressure control regulation (PCR) for better matching to torque modification (trans tq mod) for improved shift quality, changed driver reference filter (DRF) lash crossing with the tip in management (TIM) strategy for improved smoothness, increased idle engine speed control (ISC) set points in transmission gears 2-6 for TIM strategy improved smoothness, reduced active surge damper (ASD) gain at lower engine speeds for improved stability, and changed filtering for intake throttle tip-outs and speed control for improved drivability. OBD changes included in this calibration include: feedgas NO_x plausibility monitor threshold modifications (P2201) and turbocharger underboost monitor threshold modifications required due to throttle tip-out filtering changes described above (P0299). Transmission calibration changes included in this release help improve shift quality and drivability. The R12 running change contains no content that degrades emissions and development testing confirmed emissions transparency. The DFA17(C/D)0514 ("R14") calibration contains the same content as the R12 calibration, however, it reverts to an air mass adaption (AMA) based crankcase ventilation (CCV) OBD monitor to prevent inadvertent diagnostic codes, specifically P04DB, P04E3, and P04E2. The AMA based CCV OBD monitor was previously used for the 6.7L engine in the 2011 and 2012 model years. The R14 calibration contains no content that would impact emissions. This running change also includes a part number update for the Engine Coolant Temperature (ECT) sensor. Ref WPs 03.14.01.5501, 03.14.01-5513, and 03.13.01-5451.
RC03-005	12/5/12	12.00.02.00 12.00.03.00 12.00.06.00 17.00.02.00 18.00.00.00	This running change introduces the following calibration updates: Old Calibration / New Calibration DFA17C0514 / DFA17C0515 DFA17D0514 / DFA17D0515 The DFA17(C/D)0515 ("R15") calibration change includes engine and transmission changes. This calibration includes a change to the Driver Reference Filter ("DRF") for improved

			low speed drivability by reducing hesitation and surge. The transmission calibration changes included in this release help improve shift quality and drivability. Both calibration changes are for improved customer satisfaction and contain no content that degrades emissions. Development testing has confirmed emissions transparency. There are no engine or transmission OBD-II changes associated with this calibration release. Ref WPs 03.14.01.5544
Initial Part 2 – 2012CY EOY Update	12/20/12	12.00.02.00 12.00.03.00 12.00.06.00 17.00.01.00 17.00.02.00 18.00.00.00	Initial Part 2 submission including applicable running change information and making revisions/updates.
RC04	4/10/13	12.00.02.00 12.00.03.00 17.00.02.00 18.00.00.00	This running change introduces the following production calibration updates: Old Calibration / New Calibration DFA17C0515 / DFA17C0516 DFA17C0516 / DFA17C0517 DFA17D0515 / DFA17D0516 DFA17D0516 / DFA17D0517 The DFA17(C/D)0516 ("R16") calibration change includes engine, transmission, and OBD-II changes. This calibration includes changes to the DPF regeneration function. The regeneration related changes include: Shortening the required shutdown duration upon aftertreatment over-temperature conditions in colder ambient temperatures. Allowing entry for "Level 1" regeneration conditions at an engine coolant temperature of 60°C for ambient temperatures of 0°C and below. Adding new criteria for switching from "Level 1" to "Level 2" regeneration conditions based on calculated hydrocarbon accumulation in the aftertreatment, Modifying the limits of far post engine fuel injection during "Level 2" regeneration based on the diesel oxidation catalyst (DOC) temperature. Modifying the hydrocarbon desorption rate for improved prediction accuracy. This calibration includes changes to improve cold start performance including: Enabling fuel injectors to operate at engine

			speeds down to 20 RPM (previously set at 100 RPM) for extreme cold ambient cold starts. Activating cold turbo protection logic for oil temperature only. Previously, ambient temperature was also considered for turbo protection, but it could be invoked unnecessarily for an already hot engine in cold ambient conditions. Additionally, this calibration addresses an error state that could force exit of split shaft power take-off operation inadvertently due to a false vehicle speed signal induced by other vehicle movement, such as the vehicle shaking while operating. This calibration includes engine OBD-II changes including: Making diagnostic changes to allow fuel injection at lower engine speeds for improved starting in cold ambient conditions. Adding an FMEM action to add a 30% derate when a faulty intake air temperature sensor is detected (P0111) for turbo protection. Adding an FMEM action to block charge air cooler plausibility monitor (P007E, P026A) from running when a faulty upstream coolant temperature sensor is detected (P2182). This is required since upstream coolant temp sensor is an input to the CAC plausibility monitor. Adding an FMEM action to not freeze or replace ambient temperature sensor value in a drive cycle until monitor (P0071) has tested and failed in that drive cycle. Adding an FMEM action to not freeze or replace intake air temperature sensor value in a drive cycle until monitor (P0111) has tested and failed in that drive cycle. Enabling SCR system tampering faults after initial 100 miles of vehicle operation (prevent tampering faults at the assembly plant). Transmission calibration changes were made to address shift quality and inadvertent shifts or shift busyness caused by operator "change of mind" inputs. There were no transmission OBD-II changes made in these calibrations. The DFA17(C/D)0517 ("R17") calibration change includes only engine changes. This calibration includes

			changes to the DRF (driver reference filter) to prevent a false P062b code when the vehicle is on a 30% downgrade in 1st gear, tow haul or manual 1st gear. Additionally this calibration release addresses a software incompatibility between the service calibration tool the previous R16 base release calibration. Neither calibration contains content that degrades emissions. Ref WP 03.14.01-5690 & 03.14.01-5707
Final Part 1 & Part 2 – 2013CY EOY Update	12/11/13	12.00.02.00 12.00.03.00 12.00.06.00 17.00.02.00 18.00.00.00	Final Part 1 & Part 2 submission including applicable running change information and making revisions/updates.

Application for Certification

Part 2

Vehicle Environmental Engineering
Ford Motor Company

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053

October 5, 2012

Mr. Chris Nevers
Certification Division
Mobile Source Pollution Control
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Dear Mr. Nevers:

Under the provisions of 40 CFR 86.1842-01, "Addition of a vehicle after certification; and changes to a vehicle covered by certification", Ford Motor Company is hereby notifying the EPA of our intention to introduce into production 2013 Model Year Running Change 01 for the DFMXD06.771C test group.

This running change introduces the following calibration updates:

Old Calibration	New Calibration
DFA17C0508	DFA17C0509
DFA17C0509	DFA17C0510
DFA17D0508	DFA17D0509
DFA17D0509	DFA17D0510

The DFA17(C/D)0509 ("R09") calibration change includes engine and OBD-II actions for OBD-II compliance and improved robustness. The major features addressed by this calibration include: improved air mass adaption (AMA) robustness (P2201), NOx sensor circuit check robustness, increased NOx sensor dewpoint temperature threshold for improved measurement accuracy sensor durability, diesel exhaust fluid quality (P207F) and leakage monitor (P2002) robustness, and a number of mode readiness and reporting changes. The R09 calibration also contains transmission calibration changes to improve shift quality and feel. The R09 running change contains no content that degrades emissions and development testing confirmed emissions transparency.

The DFA17(C/D)0510 ("R10") calibration change includes engine and OBD-II actions for OBD-II compliance and improved robustness. The major features addressed by this calibration include: improved air mass adaption (AMA) robustness (P2201), changed Target N exit conditions to avoid inadvertent continuous torque monitor activation, modified negative torque DRF filter constants (P062B), changed brake switch DFCs to 2-trip MILs, improved charge air cooler temperature plausibility check robustness (P007B), improved overrun torque monitor robustness (P062B), and modified oxidation catalyst de-greening function for feedgas NOx plausibility monitor (P2201). The R10 calibration running change contains no content that degrades emissions.

Please contact Mr. Travis Henney (313-399-7256, thenney@ford.com) of my staff if you have any questions concerning this matter.

Sincerely,

Neil Whitbeck, Specialty Manager
Certification Operations and Applications
Car and Truck Certification

Attachment

Vehicle Environmental Engineering
Ford Motor Company

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053

October 5, 2012

Ms. A. Hebert, Chief
Air Resources Board
Haagen-Smit Laboratory
9528 Telstar Avenue
El Monte, California 91731

Dear Ms. Hebert:

Under the provisions of 40 CFR 86.1842-01, "Addition of a vehicle after certification; and changes to a vehicle covered by certification", Ford Motor Company is hereby notifying the ARB of our intention to introduce into production 2013 Model Year Running Change 01 for the DFMXD06.771C test group.

This running change introduces the following calibration updates:

Old Calibration	New Calibration
DFA17C0508	DFA17C0509
DFA17C0509	DFA17C0510
DFA17D0508	DFA17D0509
DFA17D0509	DFA17D0510

The DFA17(C/D)0509 ("R09") calibration change includes engine and OBD-II actions for OBD-II compliance and improved robustness. The major features addressed by this calibration include: improved air mass adaption (AMA) robustness (P2201), NOx sensor circuit check robustness, increased NOx sensor dewpoint temperature threshold for improved measurement accuracy sensor durability, diesel exhaust fluid quality (P207F) and leakage monitor (P2002) robustness, and a number of mode readiness and reporting changes. The R09 calibration also contains transmission calibration changes to improve shift quality and feel. The R09 running change contains no content that degrades emissions and development testing confirmed emissions transparency.

The DFA17(C/D)0510 ("R10") calibration change includes engine and OBD-II actions for OBD-II compliance and improved robustness. The major features addressed by this calibration include: improved air mass adaption (AMA) robustness (P2201), changed Target N exit conditions to avoid inadvertent continuous torque monitor activation, modified negative torque DRF filter constants (P062B), changed brake switch DFCs to 2-trip MILs, improved charge air cooler temperature plausibility check robustness (P007B), improved overrun torque monitor robustness (P062B), and modified oxidation catalyst de-greening function for feedgas NOx plausibility monitor (P2201). The R10 calibration running change contains no content that degrades emissions.

Please contact Mr. Travis Henney (313-399-7256, thenney@ford.com) of my staff if you have any questions concerning this matter.

Sincerely,

Neil Whitbeck

Neil Whitbeck, Specialty Manager
Certification Operations and Applications
Car and Truck Certification

Attachment

cc Antonio Martino

Vehicle Environmental Engineering
Ford Motor Company

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053

October 30, 2012

Mr. Chris Nevers
Certification Division
Mobile Source Pollution Control
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Dear Mr. Nevers:

Under the provisions of 40 CFR 86.1842-01, "Addition of a vehicle after certification; and changes to a vehicle covered by certification", Ford Motor Company is hereby notifying the EPA of our intention to introduce into production 2013 Model Year Running Change 02 for the DFMXD06.771C test group.

This running change introduces the following calibration updates:

Old Calibration	New Calibration
DFA17C0510	DFA17C0512
DFA17C0512	DFA17C0514
DFA17D0510	DFA17D0512
DFA17D0512	DFA17D0514

The DFA17(C/D)0512 ("R12") calibration change includes engine, transmission and OBD-II changes. The major features addressed by this calibration include: refined turbo boost pressure control regulation (PCR) for better matching to torque modification (trans tq mod) for improved shift quality, changed driver reference filter (DRF) lash crossing with the tip in management (TIM) strategy for improved smoothness, increased idle engine speed control (ISC) set points in transmission gears 2-6 for TIM strategy improved smoothness, reduced active surge damper (ASD) gain at lower engine speeds for improved stability, and changed filtering for intake throttle tip-outs and speed control for improved drivability. OBD changes included in this calibration include: feedgas NO_x plausibility monitor threshold modifications (P2201) and turbocharger underboost monitor threshold modifications required due to throttle tip-out filtering changes described above (P0299). Transmission calibration changes included in this release help improve shift quality and drivability. The R12 running change contains no content that degrades emissions and development testing confirmed emissions transparency.

The DFA17(C/D)0514 ("R14") calibration contains the same content as the R12 calibration, however, it reverts to an air mass adaption (AMA) based crankcase ventilation (CCV) OBD monitor to prevent inadvertent diagnostic codes, specifically P04DB, P04E3, and P04E2. The AMA based CCV OBD monitor was previously used for the 6.7L engine in the 2011 and 2012 model years. The R14 calibration contains no content that would impact emissions.

Please contact Mr. Travis Henney (313-399-7256, thenney@ford.com) of my staff if you have any questions concerning this matter.

Sincerely,

Neil Whitbeck, Specialty Manager
Certification Operations and Applications
Car and Truck Certification

Attachment

Vehicle Environmental Engineering
Ford Motor Company

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053

October 30, 2012

Ms. A. Hebert, Chief
Air Resources Board
Haagen-Smit Laboratory
9528 Telstar Avenue
El Monte, California 91731

Dear Ms. Hebert:

Under the provisions of 40 CFR 86.1842-01, "Addition of a vehicle after certification; and changes to a vehicle covered by certification", Ford Motor Company is hereby notifying the ARB of our intention to introduce into production 2013 Model Year Running Change 02 for the DFMXD06.771C test group.

This running change introduces the following calibration updates:

Old Calibration	New Calibration
DFA17C0510	DFA17C0512
DFA17C0512	DFA17C0514
DFA17D0510	DFA17D0512
DFA17D0512	DFA17D0514

The DFA17(C/D)0512 ("R12") calibration change includes engine, transmission and OBD-II changes. The major features addressed by this calibration include: refined turbo boost pressure control regulation (PCR) for better matching to torque modification (trans tq mod) for improved shift quality, changed driver reference filter (DRF) lash crossing with the tip in management (TIM) strategy for improved smoothness, increased idle engine speed control (ISC) set points in transmission gears 2-6 for TIM strategy improved smoothness, reduced active surge damper (ASD) gain at lower engine speeds for improved stability, and changed filtering for intake throttle tip-outs and speed control for improved drivability. OBD changes included in this calibration include: feedgas NO_x plausibility monitor threshold modifications (P2201) and turbocharger underboost monitor threshold modifications required due to throttle tip-out filtering changes described above (P0299). Transmission calibration changes included in this release help improve shift quality and drivability. The R12 running change contains no content that degrades emissions and development testing confirmed emissions transparency.

The DFA17(C/D)0514 ("R14") calibration contains the same content as the R12 calibration, however, it reverts to an air mass adaption (AMA) based crankcase ventilation (CCV) OBD monitor to prevent inadvertent diagnostic codes, specifically P04DB, P04E3, and P04E2. The AMA based CCV OBD monitor was previously used for the 6.7L engine in the 2011 and 2012 model years. The R14 calibration contains no content that would impact emissions.

Please contact Mr. Travis Henney (313-399-7256, thenney@ford.com) of my staff if you have any questions concerning this matter.

Sincerely,

Neil Whitbeck, Specialty Manager
Certification Operations and Applications
Car and Truck Certification

Attachment

cc Antonio Martino

Vehicle Environmental Engineering
Sustainability, Environment & Safety Engineering

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053

October 8, 2012

Mr. Chris Nevers
Certification Division
Mobile Source Pollution Control
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Subject: Engine Coolant Temperature Change (ECT) – Terminal Plating Change from Gold to Silver

Dear Mr. Nevers:

Ford Motor Company is hereby notifying the EPA of its intention to introduce into production 2013MY All Running Change 071 (ARC-071) under the provisions of 40 CFR 86.082-34 and 40 CFR 86.1842-01, "Addition of a vehicle after certification; and changes to a vehicle covered by certification."

This Running Change affects all of the following engine families:

2013MY	Program	Old Part Number	New Part Number
DFMXV02.0VD2	Focus FFV	7C11-12A648-AA	7C11-12A648-AA
DFMXV02.0VZ2	Focus PZEV	7C11-12A648-AA	7C11-12A648-AA
DFMXV02.0VER	Focus ST	7C11-12A648-AA	7C11-12A648-AA
DFMXV02.0VZL	Fusion/MKZ/C-Max FHEV	3L8A-12A648-BA	3L8A-12A648-BB
DFMXV02.0VZP	Fusion /C-Max PHEV	3L8A-12A648-BA	3L8A-12A648-BB
DFMXV05.8VE2	Mustang	3F1A-12A648-AA	3F1A-12A648-AB
DFMXD06.771C	F-Series Diesel	3F1A-12A648-AA	3F1A-12A648-AB
DFMXD06.761A	F-Series Diesel	3F1A-12A648-AA	3F1A-12A648-AB

Hardware Change Description:	Engine Coolant Temperature Sensor: Terminal plating material from gold to silver. The silver terminals on the sensor side can be used with all of the plating materials on the connector side, including tin, making it more functional and higher quality. The change is transparent and does not affect emissions or fuel economy.

This change does not affect exhaust or evaporative emissions, and there are no OBDII deficiency changes; therefore, additional certification testing was not performed.

Because of the number of test groups included in these changes, the updated revision pages will be documented in each and included with subsequent Running Changes or in the Part 2 submissions, but not submitted herewith unless requested.

Please contact Mr. Steven Howard at (313) 248-9666 or showard1@ford.com if you have any questions pertaining to this matter.

Sincerely,

Mike Landry,
Supervisor, Car/LDT1 Applications and Durability Programs
Car and Truck Certification

Vehicle Environmental Engineering
Environmental & Safety Engineering

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W200
Allen Park, Michigan 48101- 2053

October 8, 2012

Ms. Annette Hebert, Chief
Mobile Source Operations Division
Haagen-Smit Laboratory
P. O. Box 8001
9528 Telstar Avenue
El Monte, California 91734-8001

Subject: Engine Coolant Temperature Change (ECT) – Terminal Plating Change from Gold to Silver

Dear Ms. Hebert:

Under provisions of Section 8 of California's Exhaust Emission Standards and Test Procedures and 40 CFR 86.1842-01, "addition of a vehicle after certification; and changes to a vehicle covered by certification", Ford Motor Company is hereby notifying the CARB of its intention to introduce into production 2013MY All Running Change 071 (ARC-071).

This Running Change affects all of the following engine families:

2013MY	Program	Old Part Number	New Part Number
DFMXV02.0VD2	Focus FFV	7C11-12A648-AA	7C11-12A648-AA
DFMXV02.0VZ2	Focus PZEV	7C11-12A648-AA	7C11-12A648-AA
DFMXV02.0VER	Focus ST	7C11-12A648-AA	7C11-12A648-AA
DFMXV02.0VZL	Fusion/MKZ/C-Max FHEV	3L8A-12A648-BA	3L8A-12A648-BB
DFMXV02.0VZP	Fusion /C-Max PHEV	3L8A-12A648-BA	3L8A-12A648-BB
DFMXV05.8VE2	Mustang	3F1A-12A648-AA	3F1A-12A648-AB
DFMXD06.771C	F-Series Diesel	3F1A-12A648-AA	3F1A-12A648-AB
DFMXD06.761A	F-Series Diesel	3F1A-12A648-AA	3F1A-12A648-AB

Hardware Change Description:	Engine Coolant Temperature Sensor: Terminal plating material from gold to silver. The silver terminals on the sensor side can be used with all of the plating materials on the connector side, including tin, making it more functional and higher quality. The change is transparent and does not affect emissions or fuel economy.

This change does not affect exhaust or evaporative emissions, and there are no OBDII deficiency changes; therefore, additional certification testing was not performed.

Because of the number of test groups included in these changes, the updated revision pages will be documented in each application and included with subsequent Running Changes or in the Part 2 submissions, but not submitted herewith unless requested.

Please contact Mr. Steven Howard at (313) 248-9666 or showard1@ford.com if you have any questions pertaining to this matter.

Sincerely,

Mike Landry,
Supervisor, Car/LDT1 Applications and Durability Programs
Car and Truck Certification

Cc: A. Martino

Vehicle Environmental Engineering
Ford Motor Company

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053

December 5, 2012

Mr. Chris Nevers
Certification Division
Mobile Source Pollution Control
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Dear Mr. Nevers:

Under the provisions of 40 CFR 86.1842-01, "Addition of a vehicle after certification; and changes to a vehicle covered by certification", Ford Motor Company is hereby notifying the EPA of our intention to introduce into production 2013 Model Year Running Change 03 for the DFMXD06.771C test group.

This running change introduces the following calibration updates:

Old Calibration	New Calibration
DFA17C0514	DFA17C0515
DFA17D0514	DFA17D0515

The DFA17(C/D)0515 ("R15") calibration change includes engine and transmission changes. This calibration includes a change to the Driver Reference Filter ("DRF") for improved low speed drivability by reducing hesitation and surge. The transmission calibration changes included in this release help improve shift quality and drivability. Both calibration changes are for improved customer satisfaction and contain no content that degrades emissions. Development testing has confirmed emissions transparency.

There are no engine or transmission OBD-II changes associated with this calibration release.

Please contact Mr. Travis Henney (313-399-7256, thenney@ford.com) of my staff if you have any questions concerning this matter.

Sincerely,

Neil Whitbeck, Specialty Manager
Certification Operations and Applications
Car and Truck Certification

Attachment

Vehicle Environmental Engineering
Ford Motor Company

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053

December 5, 2012

Ms. A. Hebert, Chief
Air Resources Board
Haagen-Smit Laboratory
9528 Telstar Avenue
El Monte, California 91731

Dear Ms. Hebert:

Under the provisions of 40 CFR 86.1842-01, "Addition of a vehicle after certification; and changes to a vehicle covered by certification", Ford Motor Company is hereby notifying the ARB of our intention to introduce into production 2013 Model Year Running Change 03 for the DFMXD06.771C test group.

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There are no engine or transmission OBD-II changes associated with this calibration release.

Please contact Mr. Travis Henney (313-399-7256, thenney@ford.com) of my staff if you have any questions concerning this matter.

Sincerely,

Neil Whitbeck

Neil Whitbeck, Specialty Manager
Certification Operations and Applications
Car and Truck Certification

Attachment

cc Antonio Martino

Vehicle Homologation & Compliance
Safety, Environment, & Sustainability Engineering
Ford Motor Company

Allen Park Test Laboratory
1500 Enterprise Drive, Suite 3W-200
Allen Park, Michigan 48101-2053

April 8, 2013

Mr. Chris Nevers
Certification Division
Mobile Source Pollution Control
U. S. Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, Michigan 48105

Dear Mr. Nevers:

Under the provisions of 40 CFR 86.1842-01, "Addition of a vehicle after certification; and changes to a vehicle covered by certification", Ford Motor Company is hereby notifying the EPA of our intention to introduce into production 2013 Model Year Running Change 04 for the DFMXD06.771C test group.

This running change introduces the following production calibration updates:

Old Calibration	New Calibration
DFA17C0515	DFA17C0516
DFA17C0516	DFA17C0517
DFA17D0515	DFA17D0516
DFA17D0516	DFA17D0517

The DFA17(C/D)0516 ("R16") calibration change includes engine, transmission, and OBD-II changes.

This calibration includes changes to the DPF regeneration function. The regeneration related changes include

- Shortening the required shutdown duration upon aftertreatment over-temperature conditions in colder ambient temperatures.
- Allowing entry for "Level 1" regeneration conditions at an engine coolant temperature of 60°C for ambient temperatures of 0°C and below.
- Adding new criteria for switching from "Level 1" to "Level 2" regeneration conditions based on calculated hydrocarbon accumulation in the aftertreatment,
- Modifying the limits of far post engine fuel injection during "Level 2" regeneration based on the diesel oxidation catalyst (DOC) temperature.
- Modifying the hydrocarbon desorption rate for improved prediction accuracy.

This calibration includes changes to improve cold start performance including:

- Enabling fuel injectors to operate at engine speeds down to 20 RPM (previously set at 100 RPM) for extreme cold ambient cold starts.
- Activating cold turbo protection logic for oil temperature only. Previously, ambient temperature was also considered for turbo protection, but it could be invoked unnecessarily for an already hot engine in cold ambient conditions.

Additionally, this calibration addresses an error state that could force exit of split shaft power take-off operation inadvertently due to a false vehicle speed signal induced by other vehicle movement, such as the vehicle shaking while operating.

This calibration includes engine OBD-II changes including:

- Making diagnostic changes to allow fuel injection at lower engine speeds for improved starting in cold ambient conditions.
- Adding an FMEM action to add a 30% derate when a faulty intake air temperature sensor is detected (P0111) for turbo protection.

- Adding an FMEM action to block charge air cooler plausibility monitor (P007E, P026A) from running when a faulty upstream coolant temperature sensor is detected (P2182). This is required since upstream coolant temp sensor is an input to the CAC plausibility monitor.
- Adding an FMEM action to not freeze or replace ambient temperature sensor value in a drive cycle until monitor (P0071) has tested and failed in that drive cycle.
- Adding an FMEM action to not freeze or replace intake air temperature sensor value in a drive cycle until monitor (P0111) has tested and failed in that drive cycle.
- Enabling SCR system tampering faults after initial 100 miles of vehicle operation (prevent tampering faults at the assembly plant).

Transmission calibration changes were made to address shift quality and inadvertent shifts or shift busyness caused by operator "change of mind" inputs. There were no transmission OBD-II changes made in these calibrations.

The DFA17(C/D)0517 ("R17") calibration change includes only engine changes. This calibration includes changes to the DRF (driver reference filter) to prevent a false P062b code when the vehicle is on a 30% downgrade in 1st gear, tow haul or manual 1st gear. Additionally this calibration release addresses a software incompatibility between the service calibration tool the previous R16 base release calibration.

Neither calibration contains content that degrades emissions.

Please contact Mr. Travis Henney (313-399-7256, thenney@ford.com) of my staff if you have any questions concerning this matter.

Sincerely,

Neil Whitbeck

Neil Whitbeck, Specialty Manager
Certification Operations and Applications
Car and Truck Certification

Attachment

Vehicle Homologation & Compliance
Safety, Environment, & Sustainability Engineering
Ford Motor Company

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April 8, 2013

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9528 Telstar Avenue
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Sincerely,

Neil Whitbeck, Specialty Manager
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cc Steven Hada