Model Year 2020 Green Vehicle Guide

(Limited to releasable data submitted to EPA on or earlier than 01/06/2020)

Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
HONDA Insight Touring	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.5CEB	midsize car	7	51	45	48	10	Elite	184
HONDA Odyssey	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXT03.5J4C	minivan	5	19	28	22	4	No	394
HONDA Odyssey	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXT03.5J4C	minivan	5	19	28	22	4	No	394
HONDA Passport	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	20	25	22	4	No	407
HONDA Passport	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	20	25	22	4	No	407
HONDA Passport	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	19	24	21	4	No	427
HONDA Passport	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	19	24	21	4	No	427
HONDA Pilot	3.5	6	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	19	27	22	4	No	405
HONDA Pilot	3.5	6	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	19	27	22	4	No	405
HONDA Pilot	3.5	6	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	18	26	21	4	No	421
HONDA Pilot	3.5	6	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	18	26	21	4	No	421
HONDA Pilot	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	20	27	23	5	No	388
HONDA Pilot	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	20	27	23	5	No	388
HONDA Pilot	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	19	26	22	4	No	407
HONDA Pilot	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	19	26	22	4	No	407
HONDA Ridgeline	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXT03.5RSC	pickup	3	19	26	22	4	No	407
HONDA Ridgeline	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXT03.5RSC	pickup	3	19	26	22	4	No	407
HONDA Ridgeline	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXT03.5RSC	pickup	3	19	24	21	4	No	433
HONDA Ridgeline	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXT03.5RSC	pickup	3	19	24	21	4	No	433
HYUNDAI Accent	1.6	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV01.6AB6	small car	3	33	41	36	8	No	248
HYUNDAI Accent	1.6	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV01.6AB6	small car	3	33	41	36	8	No	248
HYUNDAI Accent	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV01.6AB6	small car	3	29	39	33	7	No	273
HYUNDAI Accent	1.6	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV01.6AB6	small car	3	29	39	33	7	No	273
HYUNDAI Elantra	1.4	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV01.4CD6	midsize car	3	33	41	36	8	No	250
HYUNDAI Elantra	1.4	4	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV01.4CD6	midsize car	3	33	41	36	8	No	250
HYUNDAI Elantra	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6CC5	midsize car	5	26	33	29	6	No	310
HYUNDAI Elantra	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6CC5	midsize car	5	26	33	29	6	No	310
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0CE3	midsize car	7	30	40	34	8	Yes	264
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0CE3	midsize car	7	30	40	34	8	Yes	264
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0CE5	midsize car	5	30	40	34	8	Yes	264
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0CE5	midsize car	5	30	40	34	8	Yes	264
HYUNDAI Elantra GT	1.6	4	AMS-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6DC5	large car	5	25	32	28	6	No	322
HYUNDAI Elantra GT	1.6	4	AMS-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6DC5	large car	5	25	32	28	6	No	322

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HYUNDAI Elantra GT	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6DC5	large car	5	23	30	26	5	No	352
HYUNDAI Elantra GT	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6DC5	large car	5	23	30	26	5	No	352
HYUNDAI Elantra GT	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0DF5	large car	5	25	32	27	6	No	327
HYUNDAI Elantra GT	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0DF5	large car	5	25	32	27	6	No	327
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0CE3	midsize car	7	31	41	35	8	Yes	259
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0CE3	midsize car	7	31	41	35	8	Yes	259
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0CE5	midsize car	5	31	41	35	8	Yes	259
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0CE5	midsize car	5	31	41	35	8	Yes	259
HYUNDAI Ioniq	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	large car	7	55	54	55	10	Elite	163
HYUNDAI Ioniq	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	large car	7	55	54	55	10	Elite	163
HYUNDAI Ioniq Blue	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	large car	7	57	59	58	10	Elite	154
HYUNDAI Ioniq Blue	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	large car	7	57	59	58	10	Elite	154
HYUNDAI Ioniq Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0P31	midsize car	10	145	121	133	10	Elite	0
HYUNDAI Ioniq Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LHYXV00.0P31	midsize car	10	145	121	133	10	Elite	0
HYUNDAI Ioniq Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LHYXV01.6P2T	midsize car	7	53/123	52/114	52/119	10	Elite	74
HYUNDAI Ioniq Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LHYXV01.6P2T	midsize car	7	53/123	52/114	52/119	10	Elite	74
HYUNDAI Kona	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6KC5	small SUV	5	28	32	30	7	Yes	303
HYUNDAI Kona	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6KC5	small SUV	5	28	32	30	7	Yes	303
HYUNDAI Kona	1.6	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6KC5	small SUV	5	26	29	27	6	No	324
HYUNDAI Kona	1.6	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6KC5	small SUV	5	26	29	27	6	No	324
HYUNDAI Kona	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0KE5	small SUV	5	27	33	30	7	Yes	300
HYUNDAI Kona	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0KE5	small SUV	5	27	33	30	7	Yes	300
HYUNDAI Kona	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0KE5	small SUV	5	26	30	28	6	No	324
HYUNDAI Kona	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0KE5	small SUV	5	26	30	28	6	No	324
HYUNDAI Kona Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0K31	small SUV	10	132	108	120	10	Elite	0
HYUNDAI Kona Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LHYXV00.0K31	small SUV	10	132	108	120	10	Elite	0
HYUNDAI NEXO	N/A	N/A	Auto-1	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0R41	small SUV	10	59	54	57	10	Elite	0
HYUNDAI NEXO	N/A	N/A	Auto-1	2WD	Hydrogen	CA	ZEV	California ZEV	LHYXV00.0R41	small SUV	10	59	54	57	10	Elite	0
HYUNDAI NEXO Blue	N/A	N/A	Auto-1	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0R41	small SUV	10	65	58	61	10	Elite	0
HYUNDAI NEXO Blue	N/A	N/A	Auto-1	2WD	Hydrogen	CA	ZEV	California ZEV	LHYXV00.0R41	small SUV	10	65	58	61	10	Elite	0
HYUNDAI Palisade	3.8	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXT03.8NL5	standard SUV	5	19	26	22	4	No	406
HYUNDAI Palisade	3.8	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXT03.8NL5	standard SUV	5	19	26	22	4	No	406
HYUNDAI Palisade	3.8	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXT03.8NL5	standard SUV	5	19	24	21	4	No	426
HYUNDAI Palisade	3.8	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXT03.8NL5	standard SUV	5	19	24	21	4	No	426

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HYUNDAI Santa Fe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0MG5	small SUV	5	20	27	23	5	No	399
HYUNDAI Santa Fe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0MG5	small SUV	5	20	27	23	5	No	399
HYUNDAI Santa Fe	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0MG5	small SUV	5	20	26	22	4	No	411
HYUNDAI Santa Fe	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0MG5	small SUV	5	20	26	22	4	No	411
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.4MH3	small SUV	7	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.4MH3	small SUV	7	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.4MH5	small SUV	5	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.4MH5	small SUV	5	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.4MH5	small SUV	5	21	27	24	5	No	377
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.4MH5	small SUV	5	21	27	24	5	No	377
HYUNDAI Sonata	1.6	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6EC5	large car	5	27	36	31	7	Yes	291
HYUNDAI Sonata	1.6	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6EC5	large car	5	27	36	31	7	Yes	291
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.5ER3	large car	7	27	37	31	7	Yes	293
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.5ER3	large car	7	28	38	32	7	Yes	282
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.5ER3	large car	7	27	37	31	7	Yes	293
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.5ER3	large car	7	28	38	32	7	Yes	282
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0LF3	small SUV	7	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0LF3	small SUV	7	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0LF5	small SUV	5	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0LF5	small SUV	5	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0LF5	small SUV	5	22	25	23	5	No	385
HYUNDAI Tuscon	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0LF5	small SUV	5	22	25	23	5	No	385
HYUNDAI Tuscon	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.4LH3	small SUV	7	22	28	25	5	No	363
HYUNDAI Tuscon	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.4LH3	small SUV	7	22	28	25	5	No	363
HYUNDAI Tuscon	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.4LH5	small SUV	5	21	26	23	5	No	387
HYUNDAI Tuscon	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.4LH5	small SUV	5	21	26	23	5	No	387
HYUNDAI Veloster	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6BC5	small car	5	28	34	30	7	Yes	296
HYUNDAI Veloster	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6BC5	small car	5	28	34	30	7	Yes	296
HYUNDAI Veloster	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6BC5	small car	5	26	33	29	6	No	308
HYUNDAI Veloster	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6BC5	small car	5	26	33	29	6	No	308
HYUNDAI Veloster	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0BE5	small car	5	25	33	28	6	No	317
HYUNDAI Veloster	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0BE5	small car	5	25	33	28	6	No	317
HYUNDAI Veloster	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0BE5	small car	5	27	34	30	7	Yes	300
HYUNDAI Veloster	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0BE5	small car	5	27	34	30	7	Yes	300
HYUNDAI Veloster N	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV02.0BG6	small car	3	22	29	25	5	No	363
HYUNDAI Veloster N	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV02.0BG6	small car	3	22	29	25	5	No	363
HYUNDAI Venue	1.6	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6SB5	midsize car	5	30	34	32	7	Yes	284
HYUNDAI Venue	1.6	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6SB5	midsize car	5	30	34	32	7	Yes	284
HYUNDAI Venue	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6SB5	midsize car	5	27	35	30	7	Yes	297

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HYUNDAI Venue	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6SB5	midsize car	5	27	35	30	7	Yes	297
INFINITI Q50	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	20	29	23	5	No	387
INFINITI Q50	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	20	29	23	5	No	387
INFINITI Q50	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	19	27	22	4	No	407
INFINITI Q50	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	19	27	22	4	No	407
INFINITI Q50 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	20	26	22	4	No	404
INFINITI Q50 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	20	26	22	4	No	404
INFINITI Q50 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	19	26	22	4	No	405
INFINITI Q50 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	19	26	22	4	No	405
INFINITI Q60	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	19	28	22	4	No	397
INFINITI Q60	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	19	28	22	4	No	397
INFINITI Q60	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	19	27	22	4	No	409
INFINITI Q60	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	19	27	22	4	No	409
INFINITI Q60 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	20	27	22	4	No	405
INFINITI Q60 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	20	27	22	4	No	405
INFINITI Q60 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	19	26	21	4	No	424
INFINITI Q60 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	19	26	21	4	No	424
INFINITI QX50	2	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT02.0PVA	small SUV	5	23	29	26	5	No	346
INFINITI QX50	2	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT02.0PVA	small SUV	5	23	29	26	5	No	346
INFINITI QX50	2	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT02.0PVA	small SUV	5	22	28	25	5	No	365
INFINITI QX50	2	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT02.0PVA	small SUV	5	22	28	25	5	No	365
INFINITI QX60	3.5	6	SCV-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	399
INFINITI QX60	3.5	6	SCV-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	399
INFINITI QX60	3.5	6	SCV-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	19	26	22	4	No	410
INFINITI QX60	3.5	6	SCV-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	19	26	22	4	No	410
INFINITI QX80	5.6	8	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9C	standard SUV	3	14	20	16	2	No	551
INFINITI QX80	5.6	8	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9C	standard SUV	3	14	20	16	2	No	551
INFINITI QX80	5.6	8	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9B	standard SUV	3	13	19	15	2	No	579
INFINITI QX80	5.6	8	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9B	standard SUV	3	13	19	15	2	No	579
JAGUAR E-Pace	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	21	28	24	5	No	371
JAGUAR E-Pace	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	21	28	24	5	No	371

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
JAGUAR E-Pace P300	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	21	27	23	5	No	379
JAGUAR E-Pace P300	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	21	27	23	5	No	379
JAGUAR F-Pace	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	365
JAGUAR F-Pace	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	365
JAGUAR F-Pace	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small SUV	7	18	23	20	4	No	446
JAGUAR F-Pace	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small SUV	7	18	23	20	4	No	446
JAGUAR F-Pace	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small SUV	3	16	21	18	3	No	488
JAGUAR F-Pace	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small SUV	3	16	21	18	3	No	488
JAGUAR F-Pace 30t	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	373
JAGUAR F-Pace 30t	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	373
JAGUAR F-Type Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Convertible	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type Convertible	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type Coupe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Coupe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Coupe	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type Coupe	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	18	26	21	4	No	426

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JAGUAR F-Type S Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type SVR Convertible	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type SVR Convertible	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type SVR Coupe	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type SVR Coupe	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR I-PACE	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LJLXT00.0TZA	small SUV	10	80	72	76	10	Elite	0
JAGUAR I-PACE	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LJLXT00.0TZA	small SUV	10	80	72	76	10	Elite	0
JAGUAR XE	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	25	34	28	6	No	312
JAGUAR XE	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	25	34	28	6	No	312
JAGUAR XE	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	24	34	28	6	No	321
JAGUAR XE	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	24	34	28	6	No	321
JAGUAR XE 30t	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	24	32	27	6	No	333
JAGUAR XE 30t	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	24	32	27	6	No	333
JAGUAR XE 30t	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	22	30	25	5	No	354
JAGUAR XE 30t	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	22	30	25	5	No	354
JAGUAR XF	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	midsize car	7	25	34	28	6	No	312
JAGUAR XF	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	midsize car	7	25	34	28	6	No	312
JAGUAR XF	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	midsize car	7	23	33	27	6	No	333
JAGUAR XF	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	midsize car	7	23	33	27	6	No	333
JAGUAR XF	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	midsize car	7	20	28	23	5	No	390
JAGUAR XF	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	midsize car	7	20	28	23	5	No	390
JAGUAR XF 30t	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	midsize car	7	23	31	26	5	No	335
JAGUAR XF 30t	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	midsize car	7	23	31	26	5	No	335
JAGUAR XF 30t	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	midsize car	7	22	31	25	5	No	349
JAGUAR XF 30t	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	midsize car	7	22	31	25	5	No	349
JAGUAR XF Sportbrake	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	station wagon	7	21	28	24	5	No	370

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JAGUAR XF Sportbrake	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	station wagon	7	21	28	24	5	No	370
JAGUAR XF Sportbrake	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	station wagon	7	18	25	21	4	No	428
JAGUAR XF Sportbrake	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	station wagon	7	18	25	21	4	No	428
JEEP Cherokee	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	23	31	26	5	No	345
JEEP Cherokee	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	23	31	26	5	No	345
JEEP Cherokee	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	21	29	24	5	No	369
JEEP Cherokee	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	21	29	24	5	No	369
JEEP Cherokee	2.4	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	352
JEEP Cherokee	2.4	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	352
JEEP Cherokee	2.4	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	370
JEEP Cherokee	2.4	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	370
JEEP Cherokee	3.2	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	20	29	23	5	No	387
JEEP Cherokee	3.2	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	20	29	23	5	No	387
JEEP Cherokee	3.2	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	19	27	22	4	No	400
JEEP Cherokee	3.2	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	19	27	22	4	No	400
JEEP Cherokee 4x4 Active Drive II	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	20	27	23	5	No	387
JEEP Cherokee 4x4 Active Drive II	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	20	27	23	5	No	387
JEEP Cherokee 4x4 Active Drive II	3.2	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	18	26	21	4	No	416
JEEP Cherokee 4x4 Active Drive II	3.2	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	18	26	21	4	No	416
JEEP Cherokee Trailhawk	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	20	26	22	4	No	400
JEEP Cherokee Trailhawk	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	20	26	22	4	No	400
JEEP Cherokee Trailhawk	3.2	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	18	24	21	4	No	432
JEEP Cherokee Trailhawk	3.2	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	18	24	21	4	No	432
JEEP Compass	2.4	4	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	350
JEEP Compass	2.4	4	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	350
JEEP Compass	2.4	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	358
JEEP Compass	2.4	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	358
JEEP Compass	2.4	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT02.45P0	small SUV	3	23	32	26	5	No	339
JEEP Compass	2.4	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT02.45P0	small SUV	3	23	32	26	5	No	339
JEEP Compass	2.4	4	Man-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT02.45P0	small SUV	3	22	31	25	5	No	355
JEEP Compass	2.4	4	Man-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT02.45P0	small SUV	3	22	31	25	5	No	355
JEEP Gladiator	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	pickup	5	17	22	19	3	No	466

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JEEP Gladiator	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	pickup	5	17	22	19	3	No	466
JEEP Gladiator	3.6	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	pickup	5	16	23	19	3	No	476
JEEP Gladiator	3.6	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	pickup	5	16	23	19	3	No	476
JEEP Grand Cherokee	3.6	6	Auto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
JEEP Grand Cherokee	3.6	6	Auto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
JEEP Grand Cherokee	3.6	6	Auto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
JEEP Grand Cherokee	3.6	6	Auto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
JEEP Grand Cherokee	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533
JEEP Grand Cherokee	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533
JEEP Grand Cherokee SRT	6.4	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	592
JEEP Grand Cherokee SRT	6.4	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	592
JEEP Grand Cherokee Trackhawk	6.2	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXT06.25P1	standard SUV	1	11	17	13	1	No	664
JEEP Grand Cherokee Trackhawk	6.2	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXT06.25P1	standard SUV	1	11	17	13	1	No	664
JEEP Renegade	1.3	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	24	32	27	6	No	328
JEEP Renegade	1.3	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	24	32	27	6	No	328
JEEP Renegade	1.3	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	23	29	26	5	No	348
JEEP Renegade	1.3	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	23	29	26	5	No	348
JEEP Renegade	2.4	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	357
JEEP Renegade	2.4	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	357
JEEP Renegade	2.4	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	371
JEEP Renegade	2.4	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	371
JEEP Renegade Trailhawk	1.3	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	22	27	24	5	No	370
JEEP Renegade Trailhawk	1.3	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	22	27	24	5	No	370
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P3	small SUV	5	22	24	23	5	No	388
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P3	small SUV	5	22	24	23	5	No	388
JEEP Wrangler	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	18	23	20	4	No	440
JEEP Wrangler	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	18	23	20	4	No	440
JEEP Wrangler	3.6	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	17	25	20	4	No	446
JEEP Wrangler	3.6	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	17	25	20	4	No	446
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P3	small SUV	5	21	22	21	4	No	423
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P3	small SUV	5	21	22	21	4	No	423
JEEP Wrangler Unlimited	3	6	Auto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LCRXT03.05PW	small SUV	1	22	29	25	4	No	411
JEEP Wrangler Unlimited	3	6	Auto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LCRXT03.05PW	small SUV	1	22	29	25	4	No	411
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	18	22	20	4	No	451
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	18	22	20	4	No	451
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	small SUV	5	19	22	20	4	No	444
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	small SUV	5	19	22	20	4	No	444
JEEP Wrangler Unlimited	3.6	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	17	23	19	3	No	459
JEEP Wrangler Unlimited	3.6	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	17	23	19	3	No	459
KARMA Revero GT (21-inch wheels)	1.5	3	Auto-1	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LKALV01.5LEV	small car	7	27/71	25/69	26/70	10	Elite	70
KARMA Revero GT (21-inch wheels)	1.5	3	Auto-1	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LKALV01.5LEV	small car	7	27/71	25/69	26/70	10	Elite	70
KIA Cadenza	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3FJ6	large car	3	20	28	23	5	No	385
KIA Cadenza	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3FJ6	large car	3	20	28	23	5	No	385
KIA Forte	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6CC5	midsize car	5	27	35	30	7	Yes	296
KIA Forte	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6CC5	midsize car	5	27	35	30	7	Yes	296
KIA Forte	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6CC5	midsize car	5	25	32	28	6	No	326
KIA Forte	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6CC5	midsize car	5	25	32	28	6	No	326
KIA Forte	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0CE3	midsize car	7	29	40	33	7	Yes	269
KIA Forte	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0CE3	midsize car	7	29	40	33	7	Yes	269
KIA Forte	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0CE5	midsize car	5	29	40	33	7	Yes	269
KIA Forte	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0CE5	midsize car	5	29	40	33	7	Yes	269
KIA Forte	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0CE5	midsize car	5	27	37	31	7	Yes	290
KIA Forte	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0CE5	midsize car	5	27	37	31	7	Yes	290
KIA Forte FE	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0CE5	midsize car	5	31	41	35	8	Yes	256
KIA Forte FE	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0CE5	midsize car	5	31	41	35	8	Yes	256
KIA K900	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3GK6	large car	3	18	25	21	4	No	431
KIA K900	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3GK6	large car	3	18	25	21	4	No	431

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KIA Niro	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	station wagon	7	51	46	49	10	Elite	183
KIA Niro	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	station wagon	7	51	46	49	10	Elite	183
KIA Niro Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LKMXV00.0L31	station wagon	10	123	102	112	10	Elite	0
KIA Niro Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LKMXV00.0L31	station wagon	10	123	102	112	10	Elite	0
KIA Niro FE	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	station wagon	7	52	49	50	10	Elite	177
KIA Niro FE	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	station wagon	7	52	49	50	10	Elite	177
KIA Niro Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L2T	station wagon	7	48/110	44/99	46/105	10	Elite	90
KIA Niro Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L2T	station wagon	7	48/110	44/99	46/105	10	Elite	90
KIA Niro Touring	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	station wagon	7	46	40	43	9	Yes	207
KIA Niro Touring	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	station wagon	7	46	40	43	9	Yes	207
KIA Optima	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6DC5	large car	5	27	37	31	7	Yes	292
KIA Optima	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6DC5	large car	5	27	37	31	7	Yes	292
KIA Optima	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0DG5	large car	5	21	30	24	5	No	371
KIA Optima	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0DG5	large car	5	21	30	24	5	No	371
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.4DH3	large car	7	24	32	27	6	No	330
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.4DH3	large car	7	24	32	27	6	No	330
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4DH5	large car	5	24	32	27	6	No	330
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4DH5	large car	5	24	32	27	6	No	330
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.4DH3	large car	7	25	35	29	6	No	311
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.4DH3	large car	7	25	35	29	6	No	311
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4DH5	large car	5	25	35	29	6	No	311
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4DH5	large car	5	25	35	29	6	No	311
KIA Optima Hybrid	2	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0D13	midsize car	7	40	45	42	9	Yes	213
KIA Optima Hybrid	2	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0D13	midsize car	7	40	45	42	9	Yes	213
KIA Optima plug-in hybrid	2	4	AutoMan-6	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0D2T	midsize car	7	39/103	44/100	41/101	10	Elite	97
KIA Optima plug-in hybrid	2	4	AutoMan-6	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0D2T	midsize car	7	39/103	44/100	41/101	10	Elite	97

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KIA Rio	1.6	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV01.6AB6	small car	3	33	41	36	8	No	249
KIA Rio	1.6	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV01.6AB6	small car	3	33	41	36	8	No	249
KIA Sedona	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT03.3KJ5	minivan	5	18	24	21	4	No	436
KIA Sedona	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT03.3KJ5	minivan	5	18	24	21	4	No	436
KIA Sorento	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4JH5	small SUV	5	22	29	25	5	No	363
KIA Sorento	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4JH5	small SUV	5	22	29	25	5	No	363
KIA Sorento	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4JH5	small SUV	5	21	26	23	5	No	389
KIA Sorento	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4JH5	small SUV	5	21	26	23	5	No	389
KIA Sorento	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV03.3JJ5	small SUV	5	19	26	22	4	No	413
KIA Sorento	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV03.3JJ5	small SUV	5	19	26	22	4	No	413
KIA Sorento	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV03.3JJ5	small SUV	5	18	24	20	4	No	436
KIA Sorento	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV03.3JJ5	small SUV	5	18	24	20	4	No	436
KIA Soul	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6BC5	station wagon	5	27	32	29	6	No	309
KIA Soul	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6BC5	station wagon	5	27	32	29	6	No	309
KIA Soul	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0BE3	station wagon	7	27	33	30	7	Yes	303
KIA Soul	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0BE3	station wagon	7	27	33	30	7	Yes	303
KIA Soul	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0BE5	station wagon	5	25	31	27	6	No	332
KIA Soul	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0BE5	station wagon	5	25	31	27	6	No	332
KIA Soul Eco dynamics	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0BE3	station wagon	7	29	35	31	7	Yes	287
KIA Soul Eco dynamics	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0BE3	station wagon	7	29	35	31	7	Yes	287
KIA Soul Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LKMXV00.0B31	station wagon	10	127	101	114	10	Elite	0
KIA Soul Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LKMXV00.0B31	station wagon	10	127	101	114	10	Elite	0
KIA Sportage	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.0HG5	small SUV	5	20	28	23	5	No	392
KIA Sportage	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.0HG5	small SUV	5	20	28	23	5	No	392
KIA Sportage	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.0HG5	small SUV	5	19	24	21	4	No	421
KIA Sportage	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.0HG5	small SUV	5	19	24	21	4	No	421
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXT02.4HH3	small SUV	7	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXT02.4HH3	small SUV	7	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.4HH5	small SUV	5	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.4HH5	small SUV	5	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXT02.4HH3	small SUV	7	22	26	23	5	No	386
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXT02.4HH3	small SUV	7	22	26	23	5	No	386

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KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.4HH5	small SUV	5	22	26	23	5	No	386
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.4HH5	small SUV	5	22	26	23	5	No	386
KIA Stinger	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV02.0EG6	midsize car	3	22	29	25	5	No	365
KIA Stinger	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV02.0EG6	midsize car	3	22	29	25	5	No	365
KIA Stinger	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV02.0EG6	midsize car	3	21	29	24	5	No	368
KIA Stinger	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV02.0EG6	midsize car	3	21	29	24	5	No	368
KIA Stinger	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	446
KIA Stinger	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	446
KIA Stinger	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	449
KIA Stinger	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	449
KIA Telluride	3.8	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT03.8ML5	small SUV	5	20	26	23	5	No	395
KIA Telluride	3.8	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT03.8ML5	small SUV	5	20	26	23	5	No	395
KIA Telluride	3.8	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT03.8ML5	small SUV	5	19	24	21	4	No	426
KIA Telluride	3.8	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT03.8ML5	small SUV	5	19	24	21	4	No	426
LAMBORGHINI Aventador Coupe	6.5	12	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV06.5LDR	small car	1	9	15	11	1	No	787
LAMBORGHINI Aventador Coupe	6.5	12	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV06.5LDR	small car	1	9	15	11	1	No	787
LAMBORGHINI Aventador Roadster	6.5	12	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV06.5LDR	small car	1	9	15	11	1	No	806
LAMBORGHINI Aventador Roadster	6.5	12	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV06.5LDR	small car	1	9	15	11	1	No	806
LAMBORGHINI Huracan	5.2	10	AMS-7	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan	5.2	10	AMS-7	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Huracan	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Urus	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT04.0PAA	standard SUV	3	12	17	14	1	No	617
LAMBORGHINI Urus	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT04.0PAA	standard SUV	3	12	17	14	1	No	617
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LJLXT03.0GTR	standard SUV	1	21	26	23	4	No	448

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LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LJLXT03.0GTR	standard SUV	1	21	26	23	4	No	448
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT03.0FSP	standard SUV	7	16	21	18	3	No	500
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT03.0FSP	standard SUV	7	16	21	18	3	No	500
LAND ROVER Discovery Sport	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	427
LAND ROVER Discovery Sport	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	427
LAND ROVER Discovery Sport MHEV	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	422
LAND ROVER Discovery Sport MHEV	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	422
LAND ROVER Evoque	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	20	27	23	5	No	394
LAND ROVER Evoque	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	20	27	23	5	No	394
LAND ROVER Evoque MHEV	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	21	26	23	5	No	389
LAND ROVER Evoque MHEV	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	21	26	23	5	No	389
LAND ROVER Range Rover	3	6	SemiAuto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover	3	6	SemiAuto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover LWB	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover LWB	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover LWB SVA	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	13	19	15	2	No	587
LAND ROVER Range Rover LWB SVA	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	13	19	15	2	No	587
LAND ROVER Range Rover MHEV	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	415
LAND ROVER Range Rover MHEV	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	415
LAND ROVER Range Rover PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260

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LAND ROVER Range Rover PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover SVA	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	14	19	16	2	No	569
LAND ROVER Range Rover SVA	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	14	19	16	2	No	569
LAND ROVER Range Rover Sport	3	6	SemiAuto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover Sport	3	6	SemiAuto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover Sport	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	17	22	19	3	No	474
LAND ROVER Range Rover Sport	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	17	22	19	3	No	474
LAND ROVER Range Rover Sport MHEV	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	425
LAND ROVER Range Rover Sport MHEV	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	425
LAND ROVER Range Rover Sport PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover Sport PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover Sport SVR	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	15	20	16	2	No	540
LAND ROVER Range Rover Sport SVR	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	15	20	16	2	No	540
LAND ROVER Range Rover Velar	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	21	27	23	5	No	384
LAND ROVER Range Rover Velar	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	21	27	23	5	No	384
LAND ROVER Range Rover Velar	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LAND ROVER Range Rover Velar	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LAND ROVER Range Rover Velar	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small SUV	3	15	20	17	3	No	511
LAND ROVER Range Rover Velar	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small SUV	3	15	20	17	3	No	511
LAND ROVER Range Rover Velar P300	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	20	26	22	4	No	399

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LAND ROVER Range Rover Velar P300	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	20	26	22	4	No	399
LAND ROVER Range Rover Velar P380	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LAND ROVER Range Rover Velar P380	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LEXUS ES 300h	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
LEXUS ES 300h	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
LEXUS ES 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	346
LEXUS ES 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	346
LEXUS ES 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	352
LEXUS ES 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	352
LEXUS GS 350	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	midsize car	5	19	26	21	4	No	422
LEXUS GS 350	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	midsize car	5	19	26	21	4	No	422
LEXUS GS 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	midsize car	5	20	28	23	5	No	388
LEXUS GS 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	midsize car	5	20	28	23	5	No	388
LEXUS GS 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	midsize car	5	19	27	22	4	No	405
LEXUS GS 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	midsize car	5	19	27	22	4	No	405
LEXUS GS F	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV05.0M5A	small car	5	16	24	19	3	No	472
LEXUS GS F	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV05.0M5A	small car	5	16	24	19	3	No	472
LEXUS GX 460	4.6	8	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT04.6K6W	standard SUV	3	15	19	16	2	No	542
LEXUS GX 460	4.6	8	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT04.6K6W	standard SUV	3	15	19	16	2	No	542
LEXUS IS 300	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS IS 300	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS IS 300	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS IS 300	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS IS 350	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS IS 350	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS IS 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS IS 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS LC 500	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV05.0M5A	small car	5	16	25	19	3	No	473
LEXUS LC 500	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV05.0M5A	small car	5	16	25	19	3	No	473
LEXUS LC 500h	3.5	6	SCV-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV03.5P35	small car	7	27	35	30	7	Yes	298
LEXUS LC 500h	3.5	6	SCV-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV03.5P35	small car	7	27	35	30	7	Yes	298
LEXUS LS 500	3.4	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV03.5K6A	midsize car	3	19	30	23	5	No	389
LEXUS LS 500	3.4	6	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV03.5K6A	midsize car	3	19	30	23	5	No	389
LEXUS LS 500	3.4	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV03.5K6A	midsize car	3	18	27	21	4	No	420
LEXUS LS 500	3.4	6	SemiAuto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV03.5K6A	midsize car	3	18	27	21	4	No	420

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LEXUS LS 500h	3.5	6	SCV-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV03.5P35	midsize car	7	25	33	28	6	No	318
LEXUS LS 500h	3.5	6	SCV-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV03.5P35	midsize car	7	25	33	28	6	No	318
LEXUS LS 500h	3.5	6	SCV-10	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV03.5P35	midsize car	7	23	31	26	5	No	345
LEXUS LS 500h	3.5	6	SCV-10	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV03.5P35	midsize car	7	23	31	26	5	No	345
LEXUS LX 570	5.7	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT05.7K6Y	standard SUV	3	12	16	14	1	No	636
LEXUS LX 570	5.7	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT05.7K6Y	standard SUV	3	12	16	14	1	No	636
LEXUS NX 300	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT02.0K6M	small SUV	3	22	28	25	5	No	358
LEXUS NX 300	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT02.0K6M	small SUV	3	22	28	25	5	No	358
LEXUS NX 300	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT02.0K6M	small SUV	3	22	28	24	5	No	362
LEXUS NX 300	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT02.0K6M	small SUV	3	22	28	24	5	No	362
LEXUS NX 300 F Sport	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT02.0K6M	small SUV	3	22	27	24	5	No	374
LEXUS NX 300 F Sport	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT02.0K6M	small SUV	3	22	27	24	5	No	374
LEXUS NX 300h	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P3M	small SUV	7	33	30	31	7	Yes	285
LEXUS NX 300h	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P3M	small SUV	7	33	30	31	7	Yes	285
LEXUS RC 300	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS RC 300	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS RC 300	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS RC 300	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS RC 350	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS RC 350	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS RC 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS RC 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS RC F	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV05.0M5A	small car	5	16	24	19	3	No	459
LEXUS RC F	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV05.0M5A	small car	5	16	24	19	3	No	459
LEXUS RX 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	391
LEXUS RX 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	391
LEXUS RX 350	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	405
LEXUS RX 350	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	405
LEXUS RX 350 L	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	407
LEXUS RX 350 L	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	407
LEXUS RX 350 L	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	18	25	21	4	No	432
LEXUS RX 350 L	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	18	25	21	4	No	432
LEXUS RX 450h	3.5	6	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT03.5P34	standard SUV	7	31	28	30	7	Yes	297
LEXUS RX 450h	3.5	6	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT03.5P34	standard SUV	7	31	28	30	7	Yes	297

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
LEXUS RX 450h L	3.5	6	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT03.5P3S	standard SUV	7	29	28	29	6	No	305
LEXUS RX 450h L	3.5	6	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT03.5P3S	standard SUV	7	29	28	29	6	No	305
LEXUS UX 200	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4A	midsize car	6	29	37	33	7	Yes	271
LEXUS UX 200	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4A	midsize car	6	29	37	33	7	Yes	271
LEXUS UX 250h	2	4	SCV-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4C	small car	6	43	41	42	9	Yes	209
LEXUS UX 250h	2	4	SCV-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4C	small car	6	43	41	42	9	Yes	209
LEXUS UX 250h	2	4	SCV-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4C	small car	6	41	38	39	9	Yes	225
LEXUS UX 250h	2	4	SCV-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4C	small car	6	41	38	39	9	Yes	225
LINCOLN Aviator	3	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.03U2	standard SUV	5	18	26	21	4	No	424
LINCOLN Aviator	3	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.03U2	standard SUV	5	18	26	21	4	No	424
LINCOLN Aviator	3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.03U2	standard SUV	5	17	24	20	4	No	451
LINCOLN Aviator	3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.03U2	standard SUV	5	17	24	20	4	No	451
LINCOLN Aviator PHEV	3	6	SemiAuto-10	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFMXT03.03P1	standard SUV	7	22/54	25/58	23/56	9	Yes	209
LINCOLN Aviator PHEV	3	6	SemiAuto-10	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LFMXT03.03P1	standard SUV	7	22/54	25/58	23/56	9	Yes	209
LINCOLN Continental	2.7	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.7VLM	large car	5	18	27	21	4	No	424
LINCOLN Continental	2.7	6	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.7VLM	large car	5	18	27	21	4	No	424
LINCOLN Continental	2.7	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.7VLM	large car	5	17	25	20	4	No	452
LINCOLN Continental	2.7	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.7VLM	large car	5	17	25	20	4	No	452
LINCOLN Continental	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	large car	5	16	24	19	3	No	466
LINCOLN Continental	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	large car	5	16	24	19	3	No	466
LINCOLN Continental	3.7	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV03.7VLT	large car	3	17	26	20	4	No	440
LINCOLN Continental	3.7	6	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV03.7VLT	large car	3	17	26	20	4	No	440
LINCOLN Continental	3.7	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV03.7VLT	large car	3	16	24	19	3	No	462
LINCOLN Continental	3.7	6	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV03.7VLT	large car	3	16	24	19	3	No	462
LINCOLN Corsair	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02Y1	small SUV	5	22	29	25	5	No	361
LINCOLN Corsair	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02Y1	small SUV	5	22	29	25	5	No	361
LINCOLN Corsair	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02Y1	small SUV	5	21	29	24	5	No	369
LINCOLN Corsair	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02Y1	small SUV	5	21	29	24	5	No	369
LINCOLN Corsair	2.3	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.32Z1	small SUV	5	21	28	24	5	No	372
LINCOLN Corsair	2.3	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.32Z1	small SUV	5	21	28	24	5	No	372
LINCOLN MKZ	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	20	31	24	5	No	373
LINCOLN MKZ	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	20	31	24	5	No	373
LINCOLN MKZ	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384

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LINCOLN MKZ	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384
LINCOLN MKZ	3	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	midsize car	5	18	27	21	4	No	425
LINCOLN MKZ	3	6	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	midsize car	5	18	27	21	4	No	425
LINCOLN MKZ	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	midsize car	5	17	26	20	4	No	447
LINCOLN MKZ	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	midsize car	5	17	26	20	4	No	447
LINCOLN MKZ Hybrid	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZT	midsize car	7	42	39	41	9	Yes	217
LINCOLN MKZ Hybrid	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZT	midsize car	7	42	39	41	9	Yes	217
LINCOLN Nautilus	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	20	25	22	4	No	401
LINCOLN Nautilus	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	20	25	22	4	No	401
LINCOLN Nautilus	2.7	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
LINCOLN Nautilus	2.7	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
LINCOLN Navigator	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	22	19	3	No	478
LINCOLN Navigator	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	22	19	3	No	478
LINCOLN Navigator	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	506
LINCOLN Navigator	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	506
LINCOLN Navigator L	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	501
LINCOLN Navigator L	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	501
LINCOLN Nuatilus	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	21	26	23	5	No	384
LINCOLN Nuatilus	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	21	26	23	5	No	384
LOTUS Evora	3.5	6	Man-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	16	24	19	3	No	468
LOTUS Evora	3.5	6	Man-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	16	24	19	3	No	468
LOTUS Evora	3.5	6	SemiAuto-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	17	24	20	4	No	451
LOTUS Evora	3.5	6	SemiAuto-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	17	24	20	4	No	451
LOTUS Evora GT	3.5	6	Man-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	17	26	20	4	No	441
LOTUS Evora GT	3.5	6	Man-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	17	26	20	4	No	441
LOTUS Evora GT	3.5	6	SemiAuto-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	17	24	20	4	No	438
LOTUS Evora GT	3.5	6	SemiAuto-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	17	24	20	4	No	438
MASERATI Ghibli	3	6	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli	3	6	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli S	3	6	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli S	3	6	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli S Q4	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	midsize car	1	16	24	19	3	No	474
MASERATI Ghibli S Q4	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	midsize car	1	16	24	19	3	No	474
MASERATI Levante	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521

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MASERATI Levante GTS	3.8	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Levante GTS	3.8	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Levante S	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante S	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante Trofeo	3.8	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Levante Trofeo	3.8	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Quattroporte GTS	3.8	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXV03.8DFI	large car	1	15	22	17	3	No	517
MASERATI Quattroporte GTS	3.8	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXV03.8DFI	large car	1	15	22	17	3	No	517
MASERATI Quattroporte S	3	6	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	large car	1	17	24	19	3	No	460
MASERATI Quattroporte S	3	6	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	large car	1	17	24	19	3	No	460
MASERATI Quattroporte S Q4	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	large car	1	16	23	18	3	No	484
MASERATI Quattroporte S Q4	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	large car	1	16	23	18	3	No	484
MAZDA 2	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV01.5FFA	small car	3	30	39	34	8	No	264
MAZDA 2	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV01.5FFA	small car	3	30	39	34	8	No	264
MAZDA 2	1.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV01.5FFA	small car	3	32	40	35	8	No	253
MAZDA 2	1.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV01.5FFA	small car	3	32	40	35	8	No	253
MAZDA 3	2.5	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	25	35	29	6	No	303
MAZDA 3	2.5	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	25	35	29	6	No	303
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	26	35	30	7	Yes	297
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	26	35	30	7	Yes	299
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	27	36	30	7	Yes	295
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	26	35	30	7	Yes	297
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	26	35	30	7	Yes	299
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	27	36	30	7	Yes	295
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	24	32	27	6	No	328

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(Limited to releasable data submitted to EPA on or earlier than 01/06/2020)

Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	25	33	28	6	No	313
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	24	32	27	6	No	328
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	25	33	28	6	No	313
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	26	35	29	6	No	302
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	26	35	29	6	No	302
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.5FFA	midsize car	3	23	31	26	5	No	335
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.5FFA	midsize car	3	23	31	26	5	No	335
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	29	34	31	7	No	289
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	29	34	31	7	No	289
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	29	34	31	7	Yes	289
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	29	34	31	7	Yes	289
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	27	32	29	6	No	303
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	27	32	29	6	No	303
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	27	32	29	6	No	303
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	27	32	29	6	No	303
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	313
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	319
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	313
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	319
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	24	31	26	5	No	334
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	25	32	27	6	No	323
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	24	31	26	5	No	334
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	25	32	27	6	No	323
MAZDA CX-5 2WD	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXT02.5CDA	small SUV	7	25	31	28	6	No	322
MAZDA CX-5 2WD	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXT02.5CDA	small SUV	7	25	31	28	6	No	322
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXT02.5CDA	small SUV	7	24	30	26	5	No	335
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXT02.5CDA	small SUV	7	24	30	26	5	No	335
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTKXT02.5EGA	small SUV	5	22	27	24	5	No	370
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTKXT02.5EGA	small SUV	5	22	27	24	5	No	370
MAZDA CX-9	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTKXT02.5EGA	small SUV	5	22	28	24	5	No	363
MAZDA CX-9	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTKXT02.5EGA	small SUV	5	22	28	24	5	No	363
MAZDA CX-9	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTKXT02.5EGA	small SUV	5	20	26	23	5	No	391

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MAZDA CX-9	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTKXT02.5EGA	small SUV	5	20	26	23	5	No	391
MAZDA MX-5	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	26	34	29	6	No	305
MAZDA MX-5	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	26	34	29	6	No	305
MAZDA MX-5	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	26	35	30	7	No	299
MAZDA MX-5	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	26	35	30	7	No	299
MERCEDES-BENZ A 220	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U2B	small car	5	24	35	28	6	No	313
MERCEDES-BENZ A 220	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U2B	small car	5	24	35	28	6	No	313
MERCEDES-BENZ A 220 4Matic	2	4	Auto-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U2B	small car	5	24	34	28	6	No	324
MERCEDES-BENZ A 220 4Matic	2	4	Auto-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U2B	small car	5	24	34	28	6	No	324
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	18	25	21	4	No	423
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	407
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	411
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	18	25	21	4	No	423
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	407
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	411
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG CLA 35 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3A	small car	5	23	29	25	5	No	352
MERCEDES-BENZ AMG CLA 35 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3A	small car	5	23	29	25	5	No	352
MERCEDES-BENZ AMG CLS 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	small car	6	21	27	23	5	No	379
MERCEDES-BENZ AMG CLS 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	small car	6	21	27	23	5	No	379
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	midsize car	6	21	28	24	5	No	370
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	small car	6	20	26	23	5	No	394
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	small car	6	21	28	23	5	No	381
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	midsize car	6	21	28	24	5	No	370
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	small car	6	20	26	23	5	No	394
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	small car	6	21	28	23	5	No	381
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	midsize car	3	15	23	18	3	No	509
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	station wagon	3	16	23	19	3	No	480
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	midsize car	3	15	23	18	3	No	509
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	station wagon	3	16	23	19	3	No	480

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	midsize car	3	15	23	18	3	No	509
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	station wagon	3	16	23	19	3	No	480
MERCEDES-BENZ AMG G63	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXT04.0U2B	standard SUV	3	13	15	14	1	No	637
MERCEDES-BENZ AMG G63	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXT04.0U2B	standard SUV	3	13	15	14	1	No	637
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	431
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	432
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	431
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	432
MERCEDES-BENZ AMG GLC63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GLC63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GLC63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GLC63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GT	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	16	22	18	3	No	488
MERCEDES-BENZ AMG GT	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	16	22	18	3	No	488
MERCEDES-BENZ AMG GT	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	16	22	18	3	No	488
MERCEDES-BENZ AMG GT 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY3	small car	6	19	24	21	4	No	425
MERCEDES-BENZ AMG GT 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY3	small car	6	19	24	21	4	No	425
MERCEDES-BENZ AMG GT 63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV04.0U2B	small car	5	15	20	17	3	No	519
MERCEDES-BENZ AMG GT 63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV04.0U2B	small car	5	15	20	17	3	No	519
MERCEDES-BENZ AMG GT 63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV04.0U2B	small car	5	15	20	17	3	No	521
MERCEDES-BENZ AMG GT 63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV04.0U2B	small car	5	15	20	17	3	No	521
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	15	20	17	3	No	525

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MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	15	21	17	3	No	506
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	525
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	21	17	3	No	506
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	525
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	21	17	3	No	506
MERCEDES-BENZ AMG GT R	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	15	20	17	3	No	526
MERCEDES-BENZ AMG GT R	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	526
MERCEDES-BENZ AMG GT R	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	526
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	17	26	20	4	No	443
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	15	24	18	3	No	493
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	17	27	20	4	No	437
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	17	26	20	4	No	443
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	15	24	18	3	No	493
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	17	27	20	4	No	437
MERCEDES-BENZ AMG S65	6	12	Auto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV06.0U2A	large car	3	13	22	16	2	No	574
MERCEDES-BENZ AMG S65	6	12	Auto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV06.0U2A	large car	3	13	22	16	2	No	574
MERCEDES-BENZ AMG SLC 43	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	20	29	23	5	No	383
MERCEDES-BENZ AMG SLC 43	3	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	20	29	23	5	No	383
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	373
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	22	31	25	5	No	351
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	24	35	28	6	No	315
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	373
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	22	31	25	5	No	351
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	24	35	28	6	No	315
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	374

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	21	30	25	5	No	360
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	23	33	26	5	No	338
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	374
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	21	30	25	5	No	360
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	23	33	26	5	No	338
MERCEDES-BENZ CLA250	2	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3C	small car	5	25	35	28	6	No	310
MERCEDES-BENZ CLA250	2	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3C	small car	5	25	35	28	6	No	310
MERCEDES-BENZ CLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3C	small car	5	23	33	27	6	No	329
MERCEDES-BENZ CLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3C	small car	5	23	33	27	6	No	329
MERCEDES-BENZ CLS450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY4	small car	6	24	31	26	5	No	334
MERCEDES-BENZ CLS450	3	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY4	small car	6	24	31	26	5	No	334
MERCEDES-BENZ CLS450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY4	small car	6	23	30	26	5	No	343
MERCEDES-BENZ CLS450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY4	small car	6	23	30	26	5	No	343
MERCEDES-BENZ E350	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	midsize car	6	23	32	26	5	No	336
MERCEDES-BENZ E350	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	midsize car	6	23	32	26	5	No	336
MERCEDES-BENZ E350 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	midsize car	6	22	30	25	5	No	354
MERCEDES-BENZ E350 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	midsize car	6	22	30	25	5	No	354
MERCEDES-BENZ E450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	20	28	23	5	No	388
MERCEDES-BENZ E450	3	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	20	28	23	5	No	388
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	midsize car	5	20	28	23	5	No	392
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	409
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	station wagon	5	19	26	22	4	No	408
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	midsize car	5	20	28	23	5	No	392
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	409
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	station wagon	5	19	26	22	4	No	408
MERCEDES-BENZ E450 4Matic Convertible	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	408

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ E450 4Matic Convertible	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	408
MERCEDES-BENZ E450 Convertible	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	20	27	23	5	No	393
MERCEDES-BENZ E450 Convertible	3	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	20	27	23	5	No	393
MERCEDES-BENZ G550	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXT04.0U2A	standard SUV	3	13	17	14	1	No	609
MERCEDES-BENZ G550	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXT04.0U2A	standard SUV	3	13	17	14	1	No	609
MERCEDES-BENZ GLA 250	2	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U2B	small SUV	5	24	34	28	6	No	316
MERCEDES-BENZ GLA 250	2	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U2B	small SUV	5	24	34	28	6	No	316
MERCEDES-BENZ GLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U2B	small SUV	5	23	31	26	5	No	340
MERCEDES-BENZ GLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U2B	small SUV	5	23	31	26	5	No	340
MERCEDES-BENZ GLB 250	2	4	AutoMan-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U3B	small SUV	5	23	30	26	5	No	344
MERCEDES-BENZ GLB 250	2	4	AutoMan-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U3B	small SUV	5	23	30	26	5	No	344
MERCEDES-BENZ GLB 250 4Matic	2	4	AutoMan-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U3B	small SUV	5	23	31	26	5	No	338
MERCEDES-BENZ GLB 250 4Matic	2	4	AutoMan-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U3B	small SUV	5	23	31	26	5	No	338
MERCEDES-BENZ GLC 300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small SUV	6	22	29	24	5	No	366
MERCEDES-BENZ GLC 300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small SUV	6	22	29	24	5	No	366
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	374
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	377
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	374
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	377
MERCEDES-BENZ GLE 580 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT04.0HY1	standard SUV	5	17	21	19	3	No	470
MERCEDES-BENZ GLE 580 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT04.0HY1	standard SUV	5	17	21	19	3	No	470
MERCEDES-BENZ GLE350	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U3A	small SUV	5	20	27	22	4	No	397
MERCEDES-BENZ GLE350	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U3A	small SUV	5	20	27	22	4	No	397
MERCEDES-BENZ GLE350 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U3A	small SUV	5	19	26	22	4	No	404

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MERCEDES-BENZ GLE350 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U3A	small SUV	5	19	26	22	4	No	404
MERCEDES-BENZ GLE450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXT03.0HY1	standard SUV	6	19	24	21	4	No	422
MERCEDES-BENZ GLE450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXT03.0HY1	standard SUV	6	19	24	21	4	No	422
MERCEDES-BENZ GLS 580 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT04.0HY1	standard SUV	5	16	21	18	3	No	487
MERCEDES-BENZ GLS 580 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT04.0HY1	standard SUV	5	16	21	18	3	No	487
MERCEDES-BENZ GLS450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXT03.0HY2	standard SUV	6	19	23	21	4	No	429
MERCEDES-BENZ GLS450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXT03.0HY2	standard SUV	6	19	23	21	4	No	429
MERCEDES-BENZ Maybach S650	6	12	Auto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV06.0U2A	large car	3	13	21	16	2	No	572
MERCEDES-BENZ Maybach S650	6	12	Auto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV06.0U2A	large car	3	13	21	16	2	No	572
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	19	23	21	4	No	427
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	20	24	21	4	No	413
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	405
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	409
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	395
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	398
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	19	23	21	4	No	427
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	20	24	21	4	No	413
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	405
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	409
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	395
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	398
MERCEDES-BENZ S450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0U2A	large car	3	19	28	22	4	No	403

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MERCEDES-BENZ S450	3	6	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0U2A	large car	3	19	28	22	4	No	403
MERCEDES-BENZ S450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0U2A	large car	3	18	28	22	4	No	408
MERCEDES-BENZ S450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0U2A	large car	3	18	28	22	4	No	408
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	430
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	430
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	426
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	426
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560 4Matic Maybach	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	16	25	19	3	No	455
MERCEDES-BENZ S560 4Matic Maybach	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	16	25	19	3	No	455
MERCEDES-BENZ SL450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0U2A	small car	3	20	28	22	4	No	395
MERCEDES-BENZ SL450	3	6	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0U2A	small car	3	20	28	22	4	No	395
MERCEDES-BENZ SL550	4.7	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV05.5U2A	small car	3	17	25	20	4	No	435
MERCEDES-BENZ SL550	4.7	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV05.5U2A	small car	3	17	25	20	4	No	435
MERCEDES-BENZ SLC300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV02.0U2A	small car	3	23	32	27	6	No	332
MERCEDES-BENZ SLC300	2	4	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV02.0U2A	small car	3	23	32	27	6	No	332
MINI Cooper Convertible	1.5	3	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper Convertible	1.5	3	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper Countryman	1.5	3	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	midsize car	7	26	33	29	6	No	307
MINI Cooper Countryman	1.5	3	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	midsize car	7	26	33	29	6	No	307
MINI Cooper Countryman All4	1.5	3	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	midsize car	7	24	33	27	6	No	322
MINI Cooper Countryman All4	1.5	3	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	midsize car	7	24	33	27	6	No	322
MINI Cooper Hardtop	1.5	3	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper Hardtop	1.5	3	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MINI Cooper S Clubman	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	26	34	29	6	No	304
MINI Cooper S Clubman	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	26	34	29	6	No	304
MINI Cooper S Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	23	32	26	5	No	333
MINI Cooper S Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	23	32	26	5	No	333
MINI Cooper S Convertible	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	26	34	29	6	No	304
MINI Cooper S Convertible	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	26	34	29	6	No	304
MINI Cooper S Countryman	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	24	33	28	6	No	321
MINI Cooper S Countryman	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	24	33	28	6	No	321
MINI Cooper S Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	23	31	26	5	No	341
MINI Cooper S Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	23	31	26	5	No	341
MINI Cooper S Hardtop	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	26	35	30	7	Yes	297
MINI Cooper S Hardtop	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	26	35	30	7	Yes	297
MINI Cooper SE Countryman All4	1.5	3	SemiAuto-6	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LBMXV01.5H60	midsize car	3	29/74	30/72	29/73	10	No	175
MINI Cooper SE Countryman All4	1.5	3	SemiAuto-6	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LBMXV01.5H60	midsize car	3	29/74	30/72	29/73	10	No	175
MINI Cooper SE Hardtop	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LBMXV00.0F5B	small car	10	115	100	108	10	Elite	0
MINI Cooper SE Hardtop	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LBMXV00.0F5B	small car	10	115	100	108	10	Elite	0
MINI JCW Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	343
MINI JCW Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	343
MINI John Cooper Works Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	midsize car	3	23	31	26	5	No	339
MINI John Cooper Works Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	midsize car	3	23	31	26	5	No	339
MINI John Cooper Works Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	25	33	28	6	No	313
MINI John Cooper Works Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	25	33	28	6	No	313
MINI John Cooper Works Hardtop	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	26	34	29	6	No	305

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MINI John Cooper Works Hardtop	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	26	34	29	6	No	305
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	338
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	338
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	25	26	25	5	No	347
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	25	26	25	5	No	347
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	26	29	27	6	No	327
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	26	29	27	6	No	327
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	337
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	337
MITSUBISHI Mirage	1.2	3	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	36	43	39	9	Yes	228
MITSUBISHI Mirage	1.2	3	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	36	43	39	9	Yes	228
MITSUBISHI Mirage	1.2	3	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	33	41	36	8	Yes	242
MITSUBISHI Mirage	1.2	3	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	33	41	36	8	Yes	242
MITSUBISHI Mirage G4	1.2	3	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	35	41	37	8	Yes	236
MITSUBISHI Mirage G4	1.2	3	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	35	41	37	8	Yes	236
MITSUBISHI Mirage G4	1.2	3	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	33	40	35	8	Yes	252
MITSUBISHI Mirage G4	1.2	3	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	33	40	35	8	Yes	252
MITSUBISHI Outlander	2.4	4	SCV-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5Y	small SUV	5	25	30	27	6	No	326
MITSUBISHI Outlander	2.4	4	SCV-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5Y	small SUV	5	25	30	27	6	No	326
MITSUBISHI Outlander	2.4	4	SCV-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5Z	small SUV	5	24	29	26	5	No	341
MITSUBISHI Outlander	2.4	4	SCV-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5Z	small SUV	5	24	29	26	5	No	341
MITSUBISHI Outlander	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT03.0G5P	small SUV	5	20	27	22	4	No	402
MITSUBISHI Outlander	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT03.0G5P	small SUV	5	20	27	22	4	No	402
MITSUBISHI Outlander PHEV	2	4	Auto-1	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LMTXT02.0H3M	small SUV	7	25/78	26/70	25/74	10	Elite	174
MITSUBISHI Outlander PHEV	2	4	Auto-1	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LMTXT02.0H3M	small SUV	7	25/78	26/70	25/74	10	Elite	174
MITSUBISHI Outlander Sport	2	4	SCV-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	24	30	27	6	No	331
MITSUBISHI Outlander Sport	2	4	SCV-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	24	30	27	6	No	331
MITSUBISHI Outlander Sport	2	4	SCV-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	23	29	26	5	No	344

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MITSUBISHI Outlander Sport	2	4	SCV-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	23	29	26	5	No	344
MITSUBISHI Outlander Sport	2.4	4	SCV-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	23	29	25	5	No	354
MITSUBISHI Outlander Sport	2.4	4	SCV-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	23	29	25	5	No	354
MITSUBISHI Outlander Sport	2.4	4	SCV-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	23	28	25	5	No	353
MITSUBISHI Outlander Sport	2.4	4	SCV-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	23	28	25	5	No	353
NISSAN 370Z	3.7	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.7NAA	small car	3	17	26	20	4	No	445
NISSAN 370Z	3.7	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.7NAA	small car	3	17	26	20	4	No	445
NISSAN 370Z	3.7	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.7NAA	small car	3	19	26	22	4	No	406
NISSAN 370Z	3.7	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.7NAA	small car	3	19	26	22	4	No	406
NISSAN 370Z Roadster	3.7	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.7NAA	small car	3	18	25	21	4	No	429
NISSAN 370Z Roadster	3.7	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.7NAA	small car	3	18	25	21	4	No	429
NISSAN Altima	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	28	39	32	7	Yes	278
NISSAN Altima	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	28	39	32	7	Yes	278
NISSAN Altima	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	26	36	30	7	Yes	300
NISSAN Altima	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	26	36	30	7	Yes	300
NISSAN Altima SR/Platinum	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV02.0PVA	midsize car	5	25	34	29	6	No	311
NISSAN Altima SR/Platinum	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV02.0PVA	midsize car	5	25	34	29	6	No	311
NISSAN Altima SR/Platinum	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	27	37	31	7	Yes	288
NISSAN Altima SR/Platinum	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	27	37	31	7	Yes	288
NISSAN Altima SR/Platinum	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	25	35	29	6	No	307
NISSAN Altima SR/Platinum	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	25	35	29	6	No	307
NISSAN Armada	5.6	8	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9C	standard SUV	3	14	19	16	2	No	553
NISSAN Armada	5.6	8	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9C	standard SUV	3	14	19	16	2	No	553
NISSAN Armada	5.6	8	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9C	standard SUV	3	13	18	15	2	No	593
NISSAN Armada	5.6	8	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9C	standard SUV	3	13	18	15	2	No	593

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NISSAN GT-R	3.8	6	AMS-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.8NBA	small car	3	16	22	18	3	No	482
NISSAN GT-R	3.8	6	AMS-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.8NBA	small car	3	16	22	18	3	No	482
NISSAN Kicks	1.6	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV01.6RNA	midsize car	7	31	36	33	7	Yes	268
NISSAN Kicks	1.6	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV01.6RNA	midsize car	7	31	36	33	7	Yes	268
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LNSXV0000TL2	midsize car	10	123	99	111	10	Elite	0
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LNSXV0000TL2	midsize car	10	123	99	111	10	Elite	0
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LNSXV0000TS3	midsize car	10	118	97	108	10	Elite	0
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LNSXV0000TS3	midsize car	10	118	97	108	10	Elite	0
NISSAN Leaf SV/SL	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LNSXV0000TS3	midsize car	10	114	94	104	10	Elite	0
NISSAN Leaf SV/SL	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LNSXV0000TS3	midsize car	10	114	94	104	10	Elite	0
NISSAN Maxima	3.5	6	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.5N7B	midsize car	3	20	30	24	5	No	378
NISSAN Maxima	3.5	6	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.5N7B	midsize car	3	20	30	24	5	No	378
NISSAN Murano	3.5	6	SCV-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	386
NISSAN Murano	3.5	6	SCV-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	386
NISSAN Murano	3.5	6	SCV-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	388
NISSAN Murano	3.5	6	SCV-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	388
NISSAN NV200	2	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT02.0N2A	special purpose	3	24	26	25	5	No	356
NISSAN NV200	2	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT02.0N2A	special purpose	3	24	26	25	5	No	356
NISSAN Pathfinder	3.5	6	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	20	27	23	5	No	392
NISSAN Pathfinder	3.5	6	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	20	27	23	5	No	392
NISSAN Pathfinder	3.5	6	CVT	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	401
NISSAN Pathfinder	3.5	6	CVT	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	401
NISSAN Pathfinder 4WD Platinum	3.5	6	CVT	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT03.5N7B	small SUV	3	19	26	21	4	No	414
NISSAN Pathfinder 4WD Platinum	3.5	6	CVT	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT03.5N7B	small SUV	3	19	26	21	4	No	414
NISSAN Rogue	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXT02.5R5A	small SUV	7	26	33	29	6	No	312
NISSAN Rogue	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXT02.5R5A	small SUV	7	26	33	29	6	No	312
NISSAN Rogue	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXT02.5R5A	small SUV	7	25	32	27	6	No	324
NISSAN Rogue	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXT02.5R5A	small SUV	7	25	32	27	6	No	324
NISSAN Rogue Sport	2	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV02.0PMA	station wagon	5	25	32	28	6	No	317
NISSAN Rogue Sport	2	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV02.0PMA	station wagon	5	25	32	28	6	No	317

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
NISSAN Rogue Sport	2	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV02.0PMA	station wagon	5	24	30	27	6	No	329
NISSAN Rogue Sport	2	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV02.0PMA	station wagon	5	24	30	27	6	No	329
NISSAN Sentra	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.0RMA	midsize car	7	29	39	33	7	Yes	268
NISSAN Sentra	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.0RMA	midsize car	7	29	39	33	7	Yes	268
NISSAN Sentra SR	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.0RMA	midsize car	7	28	37	32	7	Yes	280
NISSAN Sentra SR	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.0RMA	midsize car	7	28	37	32	7	Yes	280
NISSAN Titan	5.6	8	SemiAuto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT05.6P9A	pickup	5	16	22	18	3	No	490
NISSAN Titan	5.6	8	SemiAuto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT05.6P9A	pickup	5	16	22	18	3	No	490
NISSAN Titan	5.6	8	SemiAuto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT05.6P9A	pickup	5	15	21	18	3	No	514
NISSAN Titan	5.6	8	SemiAuto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT05.6P9A	pickup	5	15	21	18	3	No	514
NISSAN Titan Pro-4X	5.6	8	SemiAuto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT05.6P9A	pickup	5	15	21	17	3	No	524
NISSAN Titan Pro-4X	5.6	8	SemiAuto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT05.6P9A	pickup	5	15	21	17	3	No	524
NISSAN Versa	1.6	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV01.6RNA	small car	7	32	40	35	8	Yes	253
NISSAN Versa	1.6	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV01.6RNA	small car	7	32	40	35	8	Yes	253
NISSAN Versa	1.6	4	Man-5	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV01.6RNA	small car	7	27	35	30	7	Yes	296
NISSAN Versa	1.6	4	Man-5	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV01.6RNA	small car	7	27	35	30	7	Yes	296
PORSCHE 911 Carrera	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	440
PORSCHE 911 Carrera	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	440
PORSCHE 911 Carrera 4	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	442
PORSCHE 911 Carrera 4	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	442
PORSCHE 911 Carrera 4 Cabriolet	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	443
PORSCHE 911 Carrera 4 Cabriolet	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	443
PORSCHE 911 Carrera 4S	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S	3	6	Man-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	24	20	4	No	443
PORSCHE 911 Carrera 4S	3	6	Man-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	24	20	4	No	443
PORSCHE 911 Carrera 4S Cabriolet	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S Cabriolet	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S Cabriolet	3	6	Man-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	24	20	4	No	451
PORSCHE 911 Carrera 4S Cabriolet	3	6	Man-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	24	20	4	No	451
PORSCHE 911 Carrera Cabriolet	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	443

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PORSCHE 911 Carrera Cabriolet	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	443
PORSCHE 911 Carrera S	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	444
PORSCHE 911 Carrera S	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	444
PORSCHE 911 Carrera S	3	6	Man-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE 911 Carrera S	3	6	Man-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE 911 Carrera S Cabriolet	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	23	20	4	No	444
PORSCHE 911 Carrera S Cabriolet	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	23	20	4	No	444
PORSCHE 911 Carrera S Cabriolet	3	6	Man-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE 911 Carrera S Cabriolet	3	6	Man-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE Cayenne	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	standard SUV	5	19	23	20	4	No	432
PORSCHE Cayenne	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	standard SUV	5	19	23	20	4	No	432
PORSCHE Cayenne S	2.9	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	standard SUV	5	18	22	20	4	No	448
PORSCHE Cayenne S	2.9	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	standard SUV	5	18	22	20	4	No	448
PORSCHE Cayenne Turbo	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXT04.0CV8	standard SUV	3	15	19	17	3	No	529
PORSCHE Cayenne Turbo	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXT04.0CV8	standard SUV	3	15	19	17	3	No	529
PORSCHE Macan	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT02.0MR4	small SUV	5	19	23	21	4	No	426
PORSCHE Macan	2	4	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT02.0MR4	small SUV	5	19	23	21	4	No	426
PORSCHE Macan S	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	small SUV	5	18	23	20	4	No	438
PORSCHE Macan S	3	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	small SUV	5	18	23	20	4	No	438
PORSCHE Panamera	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	27	22	4	No	401
PORSCHE Panamera	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	27	22	4	No	401
PORSCHE Panamera 4	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4 Executive	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4 Executive	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4 ST	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	26	22	4	No	403
PORSCHE Panamera 4 ST	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	26	22	4	No	403
PORSCHE Panamera 4 e-Hybrid	2.9	6	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV70	California LEV-III ULEV70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255

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PORSCHE Panamera 4 e-Hybrid	2.9	6	AMS-8	4WD	Gasoline/Electricity	FA	T3B70	Federal Tier 3 Bin 70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid Executive	2.9	6	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV70	California LEV-III ULEV70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid Executive	2.9	6	AMS-8	4WD	Gasoline/Electricity	FA	T3B70	Federal Tier 3 Bin 70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid ST	2.9	6	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV70	California LEV-III ULEV70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid ST	2.9	6	AMS-8	4WD	Gasoline/Electricity	FA	T3B70	Federal Tier 3 Bin 70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4S	2.9	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S	2.9	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S Executive	2.9	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S Executive	2.9	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S ST	2.9	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	18	24	20	4	No	440
PORSCHE Panamera 4S ST	2.9	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	18	24	20	4	No	440
PORSCHE Panamera GTS	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	16	23	19	3	No	474
PORSCHE Panamera GTS	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	16	23	19	3	No	474
PORSCHE Panamera GTS ST	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	15	22	18	3	No	503
PORSCHE Panamera GTS ST	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	15	22	18	3	No	503
PORSCHE Panamera Turbo	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo Exec	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo Exec	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo S e-Hybrid	4	8	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289

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PORSCHE Panamera Turbo S e-Hybrid	4	8	AMS-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid Exec	4	8	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid Exec	4	8	AMS-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid ST	4	8	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid ST	4	8	AMS-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo ST	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	18	23	20	4	No	449
PORSCHE Panamera Turbo ST	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	18	23	20	4	No	449
PORSCHE Taycan Turbo	N/A	N/A	Auto-2	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LPRXV00.0EVT	large car	10	68	71	69	10	Elite	0
PORSCHE Taycan Turbo	N/A	N/A	Auto-2	4WD	Electricity	CA	ZEV	California ZEV	LPRXV00.0EVT	large car	10	68	71	69	10	Elite	0
PORSCHE Taycan Turbo S	N/A	N/A	Auto-2	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LPRXV00.0EVT	large car	10	67	68	68	10	Elite	0
PORSCHE Taycan Turbo S	N/A	N/A	Auto-2	4WD	Electricity	CA	ZEV	California ZEV	LPRXV00.0EVT	large car	10	67	68	68	10	Elite	0
RAM 1500	3	6	Auto-8	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LCRXT03.05PW	pickup	1	22	32	26	5	No	390
RAM 1500	3	6	Auto-8	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LCRXT03.05PW	pickup	1	22	32	26	5	No	390
RAM 1500	3	6	Auto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LCRXT03.05PW	pickup	1	21	29	24	4	No	418
RAM 1500	3	6	Auto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LCRXT03.05PW	pickup	1	21	29	24	4	No	418
RAM 1500	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	pickup	5	20	25	22	4	No	407
RAM 1500	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	pickup	5	20	25	22	4	No	407
RAM 1500	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	pickup	5	19	24	21	4	No	418
RAM 1500	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	pickup	5	19	24	21	4	No	418
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P1	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P1	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P7	pickup	3	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P7	pickup	3	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P1	pickup	3	17	22	19	3	No	475
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P1	pickup	3	17	22	19	3	No	475
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P7	pickup	3	15	21	17	3	No	523
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P7	pickup	3	15	21	17	3	No	523

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
RAM 1500 Classic	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT03.65P1	pickup	3	17	25	20	4	No	450
RAM 1500 Classic	3.6	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT03.65P1	pickup	3	17	25	20	4	No	450
RAM 1500 Classic	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT03.65P1	pickup	3	16	23	19	3	No	475
RAM 1500 Classic	3.6	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT03.65P1	pickup	3	16	23	19	3	No	475
RAM 1500 Classic	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P2	pickup	3	15	22	17	3	No	513
RAM 1500 Classic	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P2	pickup	3	15	22	17	3	No	513
RAM 1500 Classic	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P2	pickup	3	15	21	17	3	No	526
RAM 1500 Classic	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P2	pickup	3	15	21	17	3	No	526
RAM 1500 HFE	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	pickup	5	20	26	23	5	No	394
RAM 1500 HFE	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	pickup	5	20	26	23	5	No	394
RAM Promaster City	2.4	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	special purpose	6	21	28	24	5	No	374
RAM Promaster City	2.4	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	special purpose	6	21	28	24	5	No	374
ROLLS-ROYCE Cullinan	6.7	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Cullinan	6.7	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Cullinan Black Badge	6.7	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Cullinan Black Badge	6.7	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Dawn	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	small car	3	12	18	14	1	No	637
ROLLS-ROYCE Dawn	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	small car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost EWB	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost EWB	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Phantom	6.7	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Phantom	6.7	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Phantom EWB	6.7	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Phantom EWB	6.7	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Wraith	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	midsize car	3	12	18	14	1	No	624

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ROLLS-ROYCE Wraith	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	midsize car	3	12	18	14	1	No	624
ROUSH F150	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH F150	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH F150	5	8	SemiAuto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH F150	5	8	SemiAuto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH Stage 3 Mustang	5	8	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIV05.0VKN	small car	3	13	20	15	2	No	570
ROUSH Stage 3 Mustang	5	8	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIV05.0VKN	small car	3	13	20	15	2	No	570
ROUSH Stage 3 Mustang	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIV05.0VKN	small car	3	12	18	14	1	No	618
ROUSH Stage 3 Mustang	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIV05.0VKN	small car	3	12	18	14	1	No	618
SUBARU Ascent	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	standard SUV	3	21	27	23	5	No	386
SUBARU Ascent	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	standard SUV	3	21	27	23	5	No	386
SUBARU Ascent Limited/Touring	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	standard SUV	3	20	26	22	4	No	401
SUBARU Ascent Limited/Touring	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	standard SUV	3	20	26	22	4	No	401
SUBARU BRZ	2	4	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	21	29	24	5	No	372
SUBARU BRZ	2	4	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	21	29	24	5	No	372
SUBARU BRZ	2	4	SemiAuto-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	24	33	27	6	No	322
SUBARU BRZ	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	24	33	27	6	No	322
SUBARU BRZ tS	2	4	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	20	27	23	5	No	384
SUBARU BRZ tS	2	4	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	20	27	23	5	No	384
SUBARU Crosstrek	2	4	Man-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	22	29	25	5	No	355
SUBARU Crosstrek	2	4	Man-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	22	29	25	5	No	355
SUBARU Crosstrek	2	4	SCV-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	27	33	30	7	Yes	298
SUBARU Crosstrek	2	4	SCV-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	27	33	30	7	Yes	298
SUBARU Crosstrek Hybrid	2	4	CVT	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFJXT02.0EVC	small SUV	7	36/99	35/80	35/90	10	Elite	151
SUBARU Crosstrek Hybrid	2	4	CVT	4WD	Gasoline/Electricity	FA	T3B50	Federal Tier 3 Bin 50	LFJXT02.0EVC	small SUV	6	36/99	35/80	35/90	10	Yes	151
SUBARU Forester	2.5	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	26	33	29	6	No	309
SUBARU Forester	2.5	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	26	33	29	6	No	309
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	23	31	26	5	No	337

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SUBARU Impreza	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	24	31	26	5	No	335
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	23	31	26	5	No	337
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	24	31	26	5	No	335
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	28	36	31	7	Yes	282
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	28	36	31	7	Yes	288
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	28	36	31	7	Yes	282
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	28	36	31	7	Yes	288
SUBARU Impreza 4-Door Sport	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	23	31	26	5	No	337
SUBARU Impreza 4-Door Sport	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	23	31	26	5	No	337
SUBARU Impreza 4-Door Sport	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	27	36	30	7	Yes	291
SUBARU Impreza 4-Door Sport	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	27	36	30	7	Yes	291
SUBARU Impreza 5-Door Sport	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	22	30	25	5	No	351
SUBARU Impreza 5-Door Sport	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	22	30	25	5	No	351
SUBARU Impreza 5-Door Sport	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	27	35	30	7	Yes	292
SUBARU Impreza 5-Door Sport	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	27	35	30	7	Yes	292
SUBARU Legacy	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	large car	3	24	32	27	6	No	330
SUBARU Legacy	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	large car	3	24	32	27	6	No	330
SUBARU Legacy	2.5	4	SCV-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	large car	7	27	35	30	7	Yes	295
SUBARU Legacy	2.5	4	SCV-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	large car	6	27	35	30	7	Yes	295
SUBARU Outback AWD	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	small SUV	3	23	30	26	5	No	343
SUBARU Outback AWD	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	small SUV	3	23	30	26	5	No	343
SUBARU Outback AWD	2.5	4	SCV-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	26	33	29	6	No	308
SUBARU Outback AWD	2.5	4	SCV-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	26	33	29	6	No	308
SUBARU WRX	2	4	Man-6	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0FPT	small car	1	21	27	23	5	No	382
SUBARU WRX	2	4	Man-6	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0FPT	small car	1	21	27	23	5	No	382
SUBARU WRX	2	4	SCV-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0FPT	small car	1	18	24	21	4	No	422
SUBARU WRX	2	4	SCV-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0FPT	small car	1	18	24	21	4	No	422
SUBARU WRX	2.5	4	Man-6	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.5JHZ	small car	1	16	22	19	3	No	486

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SUBARU WRX	2.5	4	Man-6	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.5JHZ	small car	1	16	22	19	3	No	486
TESLA Model 3 Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range Perform 18"	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range Perform 18"	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range Perform 19"	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	119	112	116	10	Elite	0
TESLA Model 3 Long Range Perform 19"	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	119	112	116	10	Elite	0
TESLA Model 3 Long Range Perform 20"	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	118	107	113	10	Elite	0
TESLA Model 3 Long Range Perform 20"	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	118	107	113	10	Elite	0
TESLA Model 3 Mid Range	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	128	117	123	10	Elite	0
TESLA Model 3 Mid Range	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	128	117	123	10	Elite	0
TESLA Model 3 Standard Range	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	138	124	131	10	Elite	0
TESLA Model 3 Standard Range	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	138	124	131	10	Elite	0
TESLA Model 3 Standard Range Plus	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	148	132	141	10	Elite	0
TESLA Model 3 Standard Range Plus	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	148	132	141	10	Elite	0
TESLA Model 4 Long Range	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	136	123	130	10	Elite	0
TESLA Model 4 Long Range	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	136	123	130	10	Elite	0
TESLA Model S Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	115	107	111	10	Elite	0
TESLA Model S Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	115	107	111	10	Elite	0
TESLA Model S Performance (19")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	104	104	104	10	Elite	0
TESLA Model S Performance (19")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	104	104	104	10	Elite	0
TESLA Model S Performance (21")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	98	96	97	10	Elite	0

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TESLA Model S Performance (21")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	98	96	97	10	Elite	0
TESLA Model S Standard Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	113	105	109	10	Elite	0
TESLA Model S Standard Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	113	105	109	10	Elite	0
TESLA Model X Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	99	93	96	10	Elite	0
TESLA Model X Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	99	93	96	10	Elite	0
TESLA Model X Performance (20")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	90	89	90	10	Elite	0
TESLA Model X Performance (20")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	90	89	90	10	Elite	0
TESLA Model X Performance (22")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	80	77	79	10	Elite	0
TESLA Model X Performance (22")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	80	77	79	10	Elite	0
TESLA Model X Standard Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	105	98	101	10	Elite	0
TESLA Model X Standard Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	105	98	101	10	Elite	0
TOYOTA 4Runner	4	6	SemiAuto-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	503
TOYOTA 4Runner	4	6	SemiAuto-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	503
TOYOTA 4Runner	4	6	SemiAuto-5	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	515
TOYOTA 4Runner	4	6	SemiAuto-5	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	515
TOYOTA 86	2	4	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	21	28	24	5	No	373
TOYOTA 86	2	4	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	21	28	24	5	No	373
TOYOTA 86	2	4	SemiAuto-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	24	32	27	6	No	328
TOYOTA 86	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	24	32	27	6	No	328
TOYOTA Avalon	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Avalon	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Avalon Hybrid	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P33	midsize car	7	43	43	43	9	Yes	203
TOYOTA Avalon Hybrid	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P33	midsize car	7	43	43	43	9	Yes	203
TOYOTA Avalon Hybrid XLE	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
TOYOTA Avalon Hybrid XLE	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
TOYOTA Avalon XLE	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	341
TOYOTA Avalon XLE	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	341

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
TOYOTA C-HR	2	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV02.0K6B	small car	3	27	31	29	6	No	305
TOYOTA C-HR	2	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV02.0K6B	small car	3	27	31	29	6	No	305
TOYOTA Camry	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P3A	midsize car	7	29	41	34	8	Yes	264
TOYOTA Camry	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P3A	midsize car	7	29	41	34	8	Yes	264
TOYOTA Camry	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	33	26	5	No	338
TOYOTA Camry	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	33	26	5	No	338
TOYOTA Camry Hybrid LE	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P35	midsize car	7	51	53	52	10	Elite	170
TOYOTA Camry Hybrid LE	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P35	midsize car	7	51	53	52	10	Elite	170
TOYOTA Camry Hybrid XLE/SE	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P35	midsize car	7	44	47	46	10	Elite	195
TOYOTA Camry Hybrid XLE/SE	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P35	midsize car	7	44	47	46	10	Elite	195
TOYOTA Camry LE/SE	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P3A	midsize car	7	28	39	32	7	Yes	279
TOYOTA Camry LE/SE	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P3A	midsize car	7	28	39	32	7	Yes	279
TOYOTA Camry TRD	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Camry TRD	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Camry XLE/XSE	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P3A	midsize car	7	27	38	31	7	Yes	284
TOYOTA Camry XLE/XSE	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P3A	midsize car	7	27	38	31	7	Yes	284
TOYOTA Camry XSE	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	345
TOYOTA Camry XSE	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	345
TOYOTA Corolla	1.8	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV01.8M5B	small car	5	30	38	33	7	Yes	267
TOYOTA Corolla	1.8	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV01.8M5B	small car	5	30	38	33	7	Yes	267
TOYOTA Corolla	1.8	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV01.8M5B	small car	5	29	39	33	7	Yes	266
TOYOTA Corolla	1.8	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV01.8M5B	small car	5	29	39	33	7	Yes	266
TOYOTA Corolla	2	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	29	36	32	7	Yes	277
TOYOTA Corolla	2	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	29	36	32	7	Yes	277
TOYOTA Corolla	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	31	40	34	8	Yes	257
TOYOTA Corolla	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	31	40	34	8	Yes	257
TOYOTA Corolla Hatchback	2	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	28	37	31	7	Yes	280
TOYOTA Corolla Hatchback	2	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	28	37	31	7	Yes	280
TOYOTA Corolla Hatchback	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	32	41	35	8	Yes	250
TOYOTA Corolla Hatchback	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	32	41	35	8	Yes	250
TOYOTA Corolla Hatchback XSE	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	30	38	33	7	Yes	266
TOYOTA Corolla Hatchback XSE	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	30	38	33	7	Yes	266

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TOYOTA Corolla Hybrid	1.8	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P33	small car	7	53	52	52	10	Elite	170
TOYOTA Corolla Hybrid	1.8	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P33	small car	7	53	52	52	10	Elite	170
TOYOTA Corolla XLE	1.8	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV01.8M5B	small car	5	29	37	32	7	Yes	274
TOYOTA Corolla XLE	1.8	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV01.8M5B	small car	5	29	37	32	7	Yes	274
TOYOTA Corolla XSE	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	31	38	34	8	Yes	265
TOYOTA Corolla XSE	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	31	38	34	8	Yes	265
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	20	28	23	5	No	386
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	21	29	24	5	No	372
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	20	28	23	5	No	386
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	21	29	24	5	No	372
TOYOTA Highlander	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	387
TOYOTA Highlander	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	387
TOYOTA Land Cruiser	5.7	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT05.7K6Y	standard SUV	3	13	17	14	1	No	618
TOYOTA Land Cruiser	5.7	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT05.7K6Y	standard SUV	3	13	17	14	1	No	618
TOYOTA Mirai	N/A	N/A	CVT	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LTYXV00.0DA7	small car	10	67	67	67	10	Elite	0
TOYOTA Mirai	N/A	N/A	CVT	2WD	Hydrogen	CA	ZEV	California ZEV	LTYXV00.0DA7	small car	10	67	67	67	10	Elite	0
TOYOTA Prius	1.8	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P34	midsize car	7	54	50	52	10	Elite	169
TOYOTA Prius	1.8	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P34	midsize car	7	54	50	52	10	Elite	169
TOYOTA Prius	1.8	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P33	midsize car	7	52	48	50	10	Elite	176
TOYOTA Prius	1.8	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P33	midsize car	7	52	48	50	10	Elite	176
TOYOTA Prius Eco	1.8	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P34	midsize car	7	58	53	56	10	Elite	158
TOYOTA Prius Eco	1.8	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P34	midsize car	7	58	53	56	10	Elite	158
TOYOTA Prius Prime	1.8	4	CVT	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P35	midsize car	7	55/145	53/121	54/133	10	Elite	78
TOYOTA Prius Prime	1.8	4	CVT	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P35	midsize car	7	55/145	53/121	54/133	10	Elite	78
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	26	35	30	7	Yes	301
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	28	35	30	7	Yes	290
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	26	35	30	7	Yes	301
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	28	35	30	7	Yes	290
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	25	33	28	6	No	315
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	27	33	29	6	No	301
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	25	33	28	6	No	315
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	27	33	29	6	No	301
TOYOTA RAV4 Hybrid	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P3N	small SUV	7	41	38	40	9	Yes	223
TOYOTA RAV4 Hybrid	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P3N	small SUV	7	41	38	40	9	Yes	223

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TOYOTA RAV4 LE	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	27	34	30	7	Yes	296
TOYOTA RAV4 LE	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	27	34	30	7	Yes	296
TOYOTA RAV4 TRD Offroad	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	25	32	27	6	No	321
TOYOTA RAV4 TRD Offroad	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	25	32	27	6	No	321
TOYOTA Sequoia	5.7	8	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	standard SUV	5	13	17	15	2	No	609
TOYOTA Sequoia	5.7	8	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	standard SUV	5	13	17	15	2	No	609
TOYOTA Sequoia	5.7	8	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	standard SUV	5	13	17	14	1	No	618
TOYOTA Sequoia	5.7	8	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	standard SUV	5	13	17	14	1	No	618
TOYOTA Sienna	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	minivan	5	19	26	21	4	No	417
TOYOTA Sienna	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	minivan	5	19	26	21	4	No	417
TOYOTA Sienna	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	minivan	5	18	24	20	4	No	441
TOYOTA Sienna	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	minivan	5	18	24	20	4	No	441
TOYOTA Supra 3.0	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	24	31	26	5	No	334
TOYOTA Supra 3.0	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	24	31	26	5	No	334
TOYOTA Tacoma	2.7	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT02.7M5P	pickup	5	20	23	21	4	No	423
TOYOTA Tacoma	2.7	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT02.7M5P	pickup	5	20	23	21	4	No	423
TOYOTA Tacoma	2.7	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT02.7M5P	pickup	5	19	22	20	4	No	441
TOYOTA Tacoma	2.7	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT02.7M5P	pickup	5	19	22	20	4	No	441
TOYOTA Tacoma	3.5	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	17	21	18	3	No	481
TOYOTA Tacoma	3.5	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	17	21	18	3	No	481
TOYOTA Tacoma	3.5	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	19	24	21	4	No	431
TOYOTA Tacoma	3.5	6	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	19	24	21	4	No	431
TOYOTA Tacoma	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	18	22	20	4	No	448
TOYOTA Tacoma	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	18	22	20	4	No	448
TOYOTA Tacoma D-CAB MT TRD-ORP/PRO	3.5	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	17	20	18	3	No	483
TOYOTA Tacoma D-CAB MT TRD-ORP/PRO	3.5	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	17	20	18	3	No	483
TOYOTA Tundra	5.7	8	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	pickup	5	13	18	15	2	No	595
TOYOTA Tundra	5.7	8	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	pickup	5	13	18	15	2	No	595
TOYOTA Tundra	5.7	8	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	pickup	5	13	17	14	1	No	614
TOYOTA Tundra	5.7	8	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	pickup	5	13	17	14	1	No	614
TOYOTA Yaris	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV01.5K6A	small car	3	30	39	34	8	No	264
TOYOTA Yaris	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV01.5K6A	small car	3	30	39	34	8	No	264
TOYOTA Yaris	1.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV01.5K6A	small car	3	32	40	35	8	No	252
TOYOTA Yaris	1.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV01.5K6A	small car	3	32	40	35	8	No	252

*Vehicles may be added throughout the model year. Please check back for updates.

Model Year 2020 Green Vehicle Guide

(Limited to releasable data submitted to EPA on or earlier than 01/06/2020)

Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
VOLKSWAGEN Arteon	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0VAB	station wagon	3	22	29	25	5	No	354
VOLKSWAGEN Arteon	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0VAB	station wagon	3	22	29	25	5	No	354
VOLKSWAGEN Arteon 4Motion	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0VAB	station wagon	3	20	29	23	5	No	377
VOLKSWAGEN Arteon 4Motion	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0VAB	station wagon	3	20	29	23	5	No	377
VOLKSWAGEN Atlas	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0VAA	small SUV	3	20	24	22	4	No	408
VOLKSWAGEN Atlas	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0VAA	small SUV	3	20	24	22	4	No	408
VOLKSWAGEN Atlas Cross Sport	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0VAA	small SUV	3	21	24	22	4	No	401
VOLKSWAGEN Atlas Cross Sport	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0VAA	small SUV	3	21	24	22	4	No	401
VOLKSWAGEN Atlas Cross Sport 4Motion	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0VAA	small SUV	3	18	23	20	4	No	439
VOLKSWAGEN Atlas Cross Sport 4Motion	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0VAA	small SUV	3	18	23	20	4	No	439
VOLKSWAGEN GTI	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	24	32	27	6	No	327
VOLKSWAGEN GTI	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	24	32	27	6	No	327
VOLKSWAGEN GTI	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	24	32	27	6	No	326
VOLKSWAGEN GTI	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	24	32	27	6	No	326
VOLKSWAGEN Golf	1.4	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV01.4V3P	small car	7	28	36	31	7	Yes	285
VOLKSWAGEN Golf	1.4	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV01.4V3P	small car	7	28	36	31	7	Yes	285
VOLKSWAGEN Golf	1.4	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV01.4V3P	small car	7	29	35	32	7	Yes	280
VOLKSWAGEN Golf	1.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV01.4V3P	small car	7	29	35	32	7	Yes	280
VOLKSWAGEN Jetta	1.4	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV01.4V3P	small car	7	30	40	34	8	Yes	262
VOLKSWAGEN Jetta	1.4	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV01.4V3P	small car	7	30	40	34	8	Yes	262
VOLKSWAGEN Jetta	1.4	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV01.4V7P	small car	5	30	40	34	8	Yes	261
VOLKSWAGEN Jetta	1.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV01.4V7P	small car	5	30	40	34	8	Yes	261
VOLKSWAGEN Jetta	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	25	32	28	6	No	315
VOLKSWAGEN Jetta	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	25	32	28	6	No	315
VOLKSWAGEN Jetta	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	25	33	28	6	No	319
VOLKSWAGEN Jetta	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	25	33	28	6	No	319
VOLKSWAGEN Passat	2	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0V3A	midsize car	7	23	34	27	6	No	330
VOLKSWAGEN Passat	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0V3A	midsize car	7	23	34	27	6	No	330

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
VOLKSWAGEN Tiguan	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0V3A	small SUV	7	22	29	25	5	No	356
VOLKSWAGEN Tiguan	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0V3A	small SUV	7	22	29	25	5	No	356
VOLKSWAGEN Tiguan 4Motion	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0V3A	small SUV	7	20	27	23	5	No	388
VOLKSWAGEN Tiguan 4Motion	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0V3A	small SUV	7	20	27	23	5	No	388
VOLKSWAGEN e-Golf	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LVGAV00.0VZZ	small car	10	122	104	113	10	Elite	0
VOLKSWAGEN e-Golf	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LVGAV00.0VZZ	small car	10	122	104	113	10	Elite	0
VOLVO S60	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small car	5	23	34	27	6	No	322
VOLVO S60	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small car	5	23	34	27	6	No	322
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	small car	7	21	32	25	5	No	352
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	small car	7	21	32	25	5	No	352
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	small car	7	28/70	33/68	30/69	10	Elite	151
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	small car	7	28/70	33/68	30/69	10	Elite	151
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	midsize car	7	21	31	25	5	No	357
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	midsize car	7	21	31	25	5	No	357
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	midsize car	7	28/58	31/64	30/60	10	Elite	159
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	midsize car	7	28/58	31/64	30/60	10	Elite	159
VOLVO V60	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	station wagon	5	23	34	27	6	No	322
VOLVO V60	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	station wagon	5	23	34	27	6	No	322
VOLVO V60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	station wagon	7	28/70	33/68	30/69	10	Elite	151
VOLVO V60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	station wagon	7	28/70	33/68	30/69	10	Elite	151
VOLVO V60 CC	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	station wagon	5	22	31	25	5	No	354
VOLVO V60 CC	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	station wagon	5	22	31	25	5	No	354
VOLVO V90	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	station wagon	5	22	33	26	5	No	339

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
VOLVO V90	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	station wagon	5	22	33	26	5	No	339
VOLVO V90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	station wagon	7	21	31	25	5	No	357
VOLVO V90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	station wagon	7	21	31	25	5	No	357
VOLVO V90 CC	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	station wagon	7	20	30	24	5	No	373
VOLVO V90 CC	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	station wagon	7	20	30	24	5	No	373
VOLVO XC40	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small SUV	5	23	33	27	6	No	331
VOLVO XC40	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	23	33	27	6	No	331
VOLVO XC40	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	22	30	25	5	No	352
VOLVO XC60	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small SUV	5	22	29	24	5	No	362
VOLVO XC60	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	22	29	24	5	No	362
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	small SUV	7	20	27	23	5	No	386
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	small SUV	7	20	27	23	5	No	386
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small SUV	5	20	27	23	5	No	387
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	20	27	23	5	No	387
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	small SUV	7	26/56	28/57	27/57	10	Elite	192
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	small SUV	7	26/56	28/57	27/57	10	Elite	192
VOLVO XC90	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	standard SUV	5	21	30	25	5	No	361
VOLVO XC90	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	standard SUV	5	21	30	25	5	No	361
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	standard SUV	7	18	26	21	4	No	429
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	standard SUV	7	18	26	21	4	No	429
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	standard SUV	5	20	27	23	5	No	387
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	standard SUV	5	20	27	23	5	No	387
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	standard SUV	7	26/58	28/52	27/55	10	Elite	193
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	standard SUV	7	26/58	28/52	27/55	10	Elite	193

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Message

From: Danzeisen, Karen [Danzeisen.Karen@epa.gov]
Sent: 2/25/2020 4:57:56 PM
To: Hopson, Janet [hopsonjl@ornl.gov]
CC: Richardson, Jacquelyn [flukerjf@ornl.gov]; Kenausis, Kristin [Kenausis.Kristin@epa.gov]; Graff, Michelle [graff.michelle@epa.gov]; Good, David [good.david@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]
Subject: MY2020 Green Vehicle Guide/SmartWay update for fueleconomy.gov
Attachments: grand_model 2020-02-25.txt; 2020 EMSN_FE_RANK_DOE 2020-02-25.xlsx; all_alpha_20 2020-02-25.txt; all_alpha_20 2020-02-25.pdf; all_alpha_20 2020-02-25.xlsx

Hi Janet,

Please find attached an updated MY2020 base dataset for GVG/SmartWay, the grand_model lookup table and 3 downloadable files. You can post this information to Fueleconomy.gov at your earliest convenience.

Let me know if there are any problems.

Thank you,

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

Model Year 2020 Green Vehicle Guide

*(Limited to releasable data submitted to EPA on or earlier than 02/21/2020)**

Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
ACURA ILX	2.4	4	AMS-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.4KH3	small car	3	24	34	28	6	No	316
ACURA ILX	2.4	4	AMS-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.4KH3	small car	3	24	34	28	6	No	316
ACURA MDX	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.0ABC	small SUV	3	26	27	27	6	No	333
ACURA MDX	3	6	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.0ABC	small SUV	3	26	27	27	6	No	333
ACURA MDX	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	20	27	23	5	No	387
ACURA MDX	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	20	27	23	5	No	387
ACURA MDX	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	19	26	22	4	No	404
ACURA MDX	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	19	26	22	4	No	404
ACURA MDX A-spec	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	19	25	21	4	No	415
ACURA MDX A-spec	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	19	25	21	4	No	415
ACURA NSX	3.5	6	AMS-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5EBN	small car	3	21	22	21	4	No	420
ACURA NSX	3.5	6	AMS-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5EBN	small car	3	21	22	21	4	No	420
ACURA RDX	2	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT02.08VC	small SUV	6	22	28	24	5	No	370
ACURA RDX	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT02.08VC	small SUV	6	22	28	24	5	No	370
ACURA RDX	2	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT02.08VC	small SUV	6	21	27	23	5	No	385
ACURA RDX	2	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT02.08VC	small SUV	6	21	27	23	5	No	385
ACURA RDX A-SPEC	2	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT02.09VC	small SUV	6	22	27	24	5	No	374
ACURA RDX A-SPEC	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT02.09VC	small SUV	6	22	27	24	5	No	374
ACURA RDX A-SPEC	2	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT02.09VC	small SUV	6	21	26	23	5	No	385
ACURA RDX A-SPEC	2	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT02.09VC	small SUV	6	21	26	23	5	No	385
ACURA RLX	3.5	6	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV03.5FEM	midsize car	7	28	29	28	6	No	316
ACURA RLX	3.5	6	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV03.5FEM	midsize car	7	28	29	28	6	No	316
ACURA RLX	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5MBN	midsize car	3	20	29	23	5	No	383
ACURA RLX	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5MBN	midsize car	3	20	29	23	5	No	383
ACURA TLX	2.4	4	AMS-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.4LBM	small car	3	23	33	27	6	No	330
ACURA TLX	2.4	4	AMS-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.4LBM	small car	3	23	33	27	6	No	330
ACURA TLX	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5HBM	small car	3	20	31	24	5	No	374
ACURA TLX	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5HBM	small car	3	20	31	24	5	No	374
ACURA TLX	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5HBM	small car	3	20	29	23	5	No	384
ACURA TLX	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5HBM	small car	3	20	29	23	5	No	384
ACURA TLX AWD A-SPEC	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5HBM	small car	3	20	29	23	5	No	387
ACURA TLX AWD A-SPEC	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5HBM	small car	3	20	29	23	5	No	387
ACURA TLX FWD A-SPEC	2.4	4	AMS-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.4LBM	small car	3	23	32	26	5	No	336
ACURA TLX FWD A-SPEC	2.4	4	AMS-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.4LBM	small car	3	23	32	26	5	No	336
ACURA TLX FWD A-SPEC	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5HBM	small car	3	20	30	23	5	No	382
ACURA TLX FWD A-SPEC	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5HBM	small car	3	20	30	23	5	No	382
ALFA ROMEO 4C	1.8	4	AutoMan-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV01.85P0	small car	1	24	34	28	6	No	317
ALFA ROMEO 4C	1.8	4	AutoMan-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV01.85P0	small car	1	24	34	28	6	No	317
ALFA ROMEO Giulia	2	4	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.05P2	midsize car	3	24	33	27	6	No	330
ALFA ROMEO Giulia	2	4	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.05P2	midsize car	3	24	33	27	6	No	330
ALFA ROMEO Giulia	2.9	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.95P0	midsize car	3	17	25	20	4	No	436
ALFA ROMEO Giulia	2.9	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.95P0	midsize car	3	17	25	20	4	No	436
ALFA ROMEO Giulia AWD	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.05P2	midsize car	3	23	31	26	5	No	348
ALFA ROMEO Giulia AWD	2	4	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.05P2	midsize car	3	23	31	26	5	No	348

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
ALFA ROMEO Stelvio	2	4	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.05P2	small SUV	3	22	29	25	5	No	359
ALFA ROMEO Stelvio	2	4	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.05P2	small SUV	3	22	29	25	5	No	359
ALFA ROMEO Stelvio AWD	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.05P2	small SUV	3	22	28	24	5	No	364
ALFA ROMEO Stelvio AWD	2	4	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.05P2	small SUV	3	22	28	24	5	No	364
ALFA ROMEO Stelvio AWD	2.9	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.95P0	small SUV	3	17	23	19	3	No	463
ALFA ROMEO Stelvio AWD	2.9	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.95P0	small SUV	3	17	23	19	3	No	463
ASTON MARTIN DB11	4	8	SemiAuto-8	2WD	Gasoline	CA	L2ULEV125	California LEV-II ULEV125	LASXV04.0AES	small car	3	18	24	20	4	No	431
ASTON MARTIN DB11	4	8	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LASXV04.0AES	small car	3	18	24	20	4	No	431
ASTON MARTIN DB11	5.2	12	SemiAuto-8	2WD	Gasoline	CA	L2ULEV125	California LEV-II ULEV125	LASXV05.2AM5	small car	3	15	22	18	3	No	497
ASTON MARTIN DB11	5.2	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LASXV05.2AM5	small car	3	15	22	18	3	No	497
ASTON MARTIN DBS	5.2	12	SemiAuto-8	2WD	Gasoline	CA	L2ULEV125	California LEV-II ULEV125	LASXV05.2AM5	small car	3	14	22	17	3	No	522
ASTON MARTIN DBS	5.2	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LASXV05.2AM5	small car	3	14	22	17	3	No	522
ASTON MARTIN Vantage	4	8	SemiAuto-8	2WD	Gasoline	CA	L2ULEV125	California LEV-II ULEV125	LASXV04.0AES	small car	3	18	24	20	4	No	435
ASTON MARTIN Vantage	4	8	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LASXV04.0AES	small car	3	18	24	20	4	No	435
AUDI A3	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0A3A	small car	7	27	36	30	7	Yes	293
AUDI A3	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0A3A	small car	7	27	36	30	7	Yes	293
AUDI A3	2	4	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small car	7	22	30	25	5	No	359
AUDI A3	2	4	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small car	7	22	30	25	5	No	359
AUDI A3 Cabriolet	2	4	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small car	7	22	30	25	5	No	359
AUDI A3 Cabriolet	2	4	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small car	7	22	30	25	5	No	359
AUDI A4	2	4	AMS-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV02.0A7B	small car	5	27	35	30	7	Yes	295
AUDI A4	2	4	AMS-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV02.0A7B	small car	5	27	35	30	7	Yes	295
AUDI A4	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	small car	3	24	32	27	6	No	329
AUDI A4	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	small car	3	24	32	27	6	No	329
AUDI A4 allroad quattro	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	station wagon	3	23	31	26	5	No	337
AUDI A4 allroad quattro	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	station wagon	3	23	31	26	5	No	337
AUDI A5	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	small car	3	24	32	27	6	No	329
AUDI A5	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	small car	3	24	32	27	6	No	329
AUDI A5 Cabriolet	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	small car	3	23	31	26	5	No	337
AUDI A5 Cabriolet	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	small car	3	23	31	26	5	No	337
AUDI A5 Sportback quattro	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	midsize car	3	24	32	27	6	No	329
AUDI A5 Sportback quattro	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	midsize car	3	24	32	27	6	No	329
AUDI A6	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV02.0A7M	midsize car	5	24	32	27	6	No	329
AUDI A6	2	4	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV02.0A7M	midsize car	5	24	32	27	6	No	329
AUDI A6	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV03.0N7N	midsize car	5	22	29	24	5	No	364
AUDI A6	3	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV03.0N7N	midsize car	5	22	29	24	5	No	364
AUDI A6 Allroad	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV03.0N7N	midsize car	5	20	26	22	4	No	398
AUDI A6 Allroad	3	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV03.0N7N	midsize car	5	20	26	22	4	No	398
AUDI A7	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV03.0N7N	midsize car	5	22	29	24	5	No	364
AUDI A7	3	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV03.0N7N	midsize car	5	22	29	24	5	No	364
AUDI A8 L	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV03.0N7R	large car	5	17	26	21	4	No	430
AUDI A8 L	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV03.0N7R	large car	5	17	26	21	4	No	430

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AUDI A8 L	3	6	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ03.0NAP	large car	3	21/49	27/61	23/54	9	No	213
AUDI A8 L	3	6	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ03.0NAP	large car	3	21/49	27/61	23/54	9	No	213
AUDI A8 L	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ04.0NAT	large car	3	15	23	18	3	No	495
AUDI A8 L	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ04.0NAT	large car	3	15	23	18	3	No	495
AUDI Q3	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small SUV	7	19	27	22	4	No	399
AUDI Q3	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small SUV	7	19	27	22	4	No	399
AUDI Q5	2	4	AMS-7	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3P	small SUV	7	25/64	29/66	27/65	10	Elite	165
AUDI Q5	2	4	AMS-7	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3P	small SUV	7	25/64	29/66	27/65	10	Elite	165
AUDI Q5	2	4	SemiAuto-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT02.0A7C	small SUV	5	22	28	24	5	No	364
AUDI Q5	2	4	SemiAuto-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT02.0A7C	small SUV	5	22	28	24	5	No	364
AUDI Q7	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.0N7M	standard SUV	5	17	21	18	3	No	479
AUDI Q7	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.0N7M	standard SUV	5	17	21	18	3	No	479
AUDI Q8	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT03.0NAM	standard SUV	3	17	21	18	3	No	479
AUDI Q8	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT03.0NAM	standard SUV	3	17	21	18	3	No	479
AUDI R8	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NBE	small car	1	13	20	16	2	No	556
AUDI R8	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NBE	small car	1	13	20	16	2	No	556
AUDI R8 Spyder	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NBE	small car	1	13	20	16	2	No	556
AUDI R8 Spyder	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NBE	small car	1	13	20	16	2	No	556
AUDI RS3	2.5	5	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.5NAG	small car	3	19	28	23	5	No	392
AUDI RS3	2.5	5	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.5NAG	small car	3	19	28	23	5	No	392
AUDI S3	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0AAB	small car	3	22	29	25	5	No	358
AUDI S3	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0AAB	small car	3	22	29	25	5	No	358
AUDI S4	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	small car	5	20	27	23	5	No	393
AUDI S4	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	small car	5	20	27	23	5	No	393
AUDI S5	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	small car	5	20	27	23	5	No	393
AUDI S5	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	small car	5	20	27	23	5	No	393
AUDI S5 Cabriolet	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	small car	5	19	26	22	4	No	405
AUDI S5 Cabriolet	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	small car	5	19	26	22	4	No	405
AUDI S5 Sportback	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	midsize car	5	20	27	23	5	No	393
AUDI S5 Sportback	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	midsize car	5	20	27	23	5	No	393
AUDI S6	2.9	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV02.9N7S	midsize car	5	18	28	22	4	No	410
AUDI S6	2.9	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV02.9N7S	midsize car	5	18	28	22	4	No	410
AUDI S7	2.9	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV02.9N7S	midsize car	5	18	28	22	4	No	410
AUDI S7	2.9	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV02.9N7S	midsize car	5	18	28	22	4	No	410
AUDI S8	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ04.0NAT	large car	3	13	22	16	2	No	545
AUDI S8	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ04.0NAT	large car	3	13	22	16	2	No	545

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AUDI SQ5	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	small SUV	5	18	23	20	4	No	444
AUDI SQ5	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	small SUV	5	18	23	20	4	No	444
AUDI TT Coupe	2	4	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small car	7	23	31	26	5	No	340
AUDI TT Coupe	2	4	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small car	7	23	31	26	5	No	340
AUDI TT RS	2.5	5	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.5NAG	small car	3	19	29	23	5	No	387
AUDI TT RS	2.5	5	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.5NAG	small car	3	19	29	23	5	No	387
AUDI TT Roadster	2	4	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small car	7	23	31	26	5	No	340
AUDI TT Roadster	2	4	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small car	7	23	31	26	5	No	340
AUDI TTS Coupe	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0AAB	small car	3	23	29	25	5	No	354
AUDI TTS Coupe	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0AAB	small car	3	23	29	25	5	No	354
BENTLEY Bentayga	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT04.0PAA	standard SUV	3	14	23	17	3	No	508
BENTLEY Bentayga	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT04.0PAA	standard SUV	3	14	23	17	3	No	508
BENTLEY Bentayga	6	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT06.0EAR	standard SUV	3	12	17	14	1	No	645
BENTLEY Bentayga	6	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT06.0EAR	standard SUV	3	12	17	14	1	No	645
BENTLEY Chiron	8	16	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV08.0GLB	small car	1	9	14	11	1	No	840
BENTLEY Chiron	8	16	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV08.0GLB	small car	1	9	14	11	1	No	840
BENTLEY Continental GT	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV04.0PAA	small car	3	16	26	19	3	No	469
BENTLEY Continental GT	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV04.0PAA	small car	3	16	26	19	3	No	469
BENTLEY Continental GT	6	12	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV06.0EAR	small car	3	12	20	15	2	No	586
BENTLEY Continental GT	6	12	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV06.0EAR	small car	3	12	20	15	2	No	586
BENTLEY Continental GT Convertible	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV04.0PAA	small car	3	16	26	19	3	No	469
BENTLEY Continental GT Convertible	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV04.0PAA	small car	3	16	26	19	3	No	469
BENTLEY Continental GT Convertible	6	12	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV06.0EAR	small car	3	12	19	15	2	No	601
BENTLEY Continental GT Convertible	6	12	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV06.0EAR	small car	3	12	19	15	2	No	601
BENTLEY Flying Spur	6	12	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV06.0EAR	midsize car	3	12	19	15	2	No	601
BENTLEY Flying Spur	6	12	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV06.0EAR	midsize car	3	12	19	15	2	No	601
BMW 228i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	33	27	6	No	330
BMW 228i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	33	27	6	No	330
BMW 230i Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 230i Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 230i Coupe	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	32	25	5	No	356
BMW 230i Coupe	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	32	25	5	No	356
BMW 230i Coupe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	24	32	27	6	No	324
BMW 230i Coupe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	24	32	27	6	No	324
BMW 230i xDrive Convertible	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW 230i xDrive Convertible	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 230i xDrive Coupe	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 230i xDrive Coupe	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 330i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	26	36	30	7	Yes	299
BMW 330i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	26	36	30	7	Yes	299
BMW 330i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	25	34	28	6	No	313
BMW 330i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	25	34	28	6	No	313
BMW 430i Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Convertible	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	22	32	26	5	No	344
BMW 430i Convertible	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	22	32	26	5	No	344
BMW 430i Coupe	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	33	25	5	No	351
BMW 430i Coupe	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	33	25	5	No	351
BMW 430i Coupe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Coupe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Coupe	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 430i Coupe	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 430i Gran Coupe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Gran Coupe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Gran Coupe	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 430i Gran Coupe	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 440i Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	29	24	5	No	361
BMW 440i Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	29	24	5	No	361
BMW 440i Convertible	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	20	28	23	5	No	394
BMW 440i Convertible	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	20	28	23	5	No	394
BMW 440i Coupe	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	19	27	22	4	No	408
BMW 440i Coupe	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	19	27	22	4	No	408
BMW 440i Coupe	3	6	Man-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	18	28	21	4	No	412
BMW 440i Coupe	3	6	Man-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	18	28	21	4	No	412
BMW 440i Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	30	25	5	No	353
BMW 440i Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	30	25	5	No	353
BMW 440i Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	30	25	5	No	356
BMW 440i Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	30	25	5	No	356
BMW 440i Gran Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	30	25	5	No	353
BMW 440i Gran Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	30	25	5	No	353
BMW 440i Gran Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	30	25	5	No	356
BMW 440i Gran Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	30	25	5	No	356
BMW 530e	2	4	SemiAuto-8	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0H30	small car	7	25/65	31/75	27/69	10	Elite	170
BMW 530e	2	4	SemiAuto-8	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0H30	small car	7	25/65	31/75	27/69	10	Elite	170
BMW 530e	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0H30	small car	7	23/62	29/68	25/65	10	Elite	193

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW 530e	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0H30	small car	7	23/62	29/68	25/65	10	Elite	193
BMW 530i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	25	33	28	6	No	316
BMW 530i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	25	33	28	6	No	316
BMW 530i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	24	31	27	6	No	332
BMW 530i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	24	31	27	6	No	332
BMW 540i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	midsize car	5	22	30	25	5	No	350
BMW 540i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	midsize car	5	22	30	25	5	No	350
BMW 540i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	midsize car	5	22	29	25	5	No	359
BMW 540i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	midsize car	5	22	29	25	5	No	359
BMW 740i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	large car	3	22	29	24	5	No	361
BMW 740i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	large car	3	22	29	24	5	No	361
BMW 740i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	large car	3	20	28	23	5	No	394
BMW 740i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	large car	3	20	28	23	5	No	394
BMW 745e	3	6	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0H58	large car	3	19/52	26/61	22/56	8	No	245
BMW 745e	3	6	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0H58	large car	3	19/52	26/61	22/56	8	No	245
BMW 750i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	large car	3	17	25	20	4	No	449
BMW 750i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	large car	3	17	25	20	4	No	449
BMW 840i Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	29	24	5	No	361
BMW 840i Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	29	24	5	No	361
BMW 840i Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	23	30	25	5	No	347
BMW 840i Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	23	30	25	5	No	347
BMW 840i Gran Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	midsize car	3	22	29	24	5	No	361
BMW 840i Gran Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	midsize car	3	22	29	24	5	No	361
BMW 840i xDrive Convertible	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	20	27	23	5	No	388
BMW 840i xDrive Convertible	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	20	27	23	5	No	388
BMW 840i xDrive Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	21	27	23	5	No	380
BMW 840i xDrive Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	21	27	23	5	No	380
BMW 840i xDrive Gran Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	midsize car	3	20	27	23	5	No	388
BMW 840i xDrive Gran Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	midsize car	3	20	27	23	5	No	388
BMW Alpina B7	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	large car	3	17	25	20	4	No	450
BMW Alpina B7	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	large car	3	17	25	20	4	No	450
BMW M2 Competition	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M2 Competition	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M2 Competition	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M2 Competition	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M235i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	small car	3	23	32	26	5	No	335
BMW M235i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	small car	3	23	32	26	5	No	335

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BMW M240i Convertible	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Convertible	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Convertible	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M240i Convertible	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M240i Coupe	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Coupe	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M240i Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M240i Coupe M Performance	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Coupe M Performance	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Coupe M Performance	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Coupe M Performance	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Coupe M Performance	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M240i Coupe M Performance	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M340i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small car	5	22	30	25	5	No	353
BMW M340i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small car	5	22	30	25	5	No	353
BMW M340i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small car	5	22	30	25	5	No	356
BMW M340i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small car	5	22	30	25	5	No	356
BMW M4 CS	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 CS	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 Convertible	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	16	22	19	3	No	481
BMW M4 Convertible	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	16	22	19	3	No	481
BMW M4 Convertible	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	25	20	4	No	450
BMW M4 Convertible	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	25	20	4	No	450
BMW M4 Convertible Competition	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	16	22	19	3	No	481
BMW M4 Convertible Competition	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	16	22	19	3	No	481
BMW M4 Convertible Competition	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	25	20	4	No	450
BMW M4 Convertible Competition	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	25	20	4	No	450
BMW M4 Coupe	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 Coupe	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	23	19	3	No	471

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW M4 Coupe	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M4 Coupe	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M4 Coupe Competition	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 Coupe Competition	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 Coupe Competition	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M4 Coupe Competition	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M5	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M5	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M5 Competition	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M5 Competition	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M550i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	midsize car	3	18	25	20	4	No	435
BMW M550i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	midsize car	3	18	25	20	4	No	435
BMW M760i xDrive	6.6	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV06.6N74	large car	3	13	20	16	2	No	570
BMW M760i xDrive	6.6	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV06.6N74	large car	3	13	20	16	2	No	570
BMW M8 Competition Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Competition Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Competition Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Competition Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Competition Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M8 Competition Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M8 Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M8 Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M850i xDrive	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	small car	3	18	25	20	4	No	435
BMW M850i xDrive	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	small car	3	18	25	20	4	No	435
BMW M850i xDrive Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	small car	3	17	25	20	4	No	450
BMW M850i xDrive Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	small car	3	17	25	20	4	No	450
BMW M850i xDrive Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	midsize car	3	17	25	20	4	No	450

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW M850i xDrive Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	midsize car	3	17	25	20	4	No	450
BMW X1 sDrive28i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	large car	7	24	33	27	6	No	327
BMW X1 sDrive28i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	large car	7	24	33	27	6	No	327
BMW X1 xDrive28i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	large car	7	23	31	26	5	No	342
BMW X1 xDrive28i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	large car	7	23	31	26	5	No	342
BMW X2 M35i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	338
BMW X2 M35i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	338
BMW X2 sDrive28i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	24	32	27	6	No	330
BMW X2 sDrive28i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	24	32	27	6	No	330
BMW X2 xDrive28i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	24	31	27	6	No	332
BMW X2 xDrive28i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	24	31	27	6	No	332
BMW X3 M	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X3 M	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X3 M Competition	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X3 M Competition	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X3 M40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small SUV	5	21	27	23	5	No	379
BMW X3 M40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small SUV	5	21	27	23	5	No	379
BMW X3 sDrive30i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small SUV	7	25	29	27	6	No	332
BMW X3 sDrive30i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small SUV	7	25	29	27	6	No	332
BMW X3 xDrive30i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small SUV	7	24	29	26	5	No	345
BMW X3 xDrive30i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small SUV	7	24	29	26	5	No	345
BMW X4 M	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X4 M	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X4 M Competition	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X4 M Competition	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X4 M40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small SUV	5	21	27	23	5	No	379
BMW X4 M40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small SUV	5	21	27	23	5	No	379
BMW X4 xDrive30i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small SUV	7	23	28	25	5	No	356
BMW X4 xDrive30i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small SUV	7	23	28	25	5	No	356
BMW X5 M	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X5 M	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X5 M Competition	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X5 M Competition	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X5 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X5 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X5 sDrive40i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	21	26	23	5	No	390

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW X5 sDrive40i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	21	26	23	5	No	390
BMW X5 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	20	26	22	4	No	396
BMW X5 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	20	26	22	4	No	396
BMW X5 xDrive50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X5 xDrive50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X6 M	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X6 M	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X6 M Competition	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X6 M Competition	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X6 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X6 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X6 sDrive40i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	21	26	23	5	No	390
BMW X6 sDrive40i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	21	26	23	5	No	390
BMW X6 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	20	26	22	4	No	396
BMW X6 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	20	26	22	4	No	396
BMW X7 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	15	21	17	3	No	511
BMW X7 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	15	21	17	3	No	511
BMW X7 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	20	25	22	4	No	409
BMW X7 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	20	25	22	4	No	409
BMW X7 xDrive50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	15	21	17	3	No	511
BMW X7 xDrive50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	15	21	17	3	No	511
BMW Z4	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	24	32	27	6	No	324

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW Z4	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	24	32	27	6	No	324
BMW Z4 M40i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small car	5	24	31	26	5	No	334
BMW Z4 M40i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small car	5	24	31	26	5	No	334
BMW i3	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LBMXV00.0I3B	small car	10	124	102	113	10	Elite	0
BMW i3	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LBMXV00.0I3B	small car	10	124	102	113	10	Elite	0
BMW i3s	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LBMXV00.0I3B	small car	10	124	102	113	10	Elite	0
BMW i3s	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LBMXV00.0I3B	small car	10	124	102	113	10	Elite	0
BMW i8 Coupe	1.5	3	Auto-6	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LBMXV01.5I8P	small car	3	26/68	29/70	27/69	10	No	191
BMW i8 Coupe	1.5	3	Auto-6	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LBMXV01.5I8P	small car	3	26/68	29/70	27/69	10	No	191
BMW i8 Roadster	1.5	3	Auto-6	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LBMXV01.5I8P	small car	3	26/68	29/70	27/69	10	No	191
BMW i8 Roadster	1.5	3	Auto-6	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LBMXV01.5I8P	small car	3	26/68	29/70	27/69	10	No	191
BUICK Enclave	3.6	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	18	26	21	4	No	420
BUICK Enclave	3.6	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	18	26	21	4	No	420
BUICK Enclave	3.6	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	17	25	20	4	No	443
BUICK Enclave	3.6	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	17	25	20	4	No	443
BUICK Encore	1.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small SUV	5	25	30	27	6	No	329
BUICK Encore	1.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small SUV	5	25	30	27	6	No	329
BUICK Encore	1.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small SUV	5	24	29	26	5	No	344
BUICK Encore	1.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small SUV	5	24	29	26	5	No	344
BUICK Encore GX	1.2	3	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV01.3545	small SUV	7	26	30	28	6	No	318
BUICK Encore GX	1.2	3	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV01.3545	small SUV	7	26	30	28	6	No	318
BUICK Encore GX	1.3	3	Auto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV01.3545	small SUV	7	26	29	28	6	No	320
BUICK Encore GX	1.3	3	Auto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV01.3545	small SUV	7	26	29	28	6	No	320
BUICK Encore GX	1.3	3	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV01.3545	small SUV	7	30	32	31	7	Yes	288
BUICK Encore GX	1.3	3	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV01.3545	small SUV	7	30	32	31	7	Yes	288
BUICK Envision	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	20	25	22	4	No	402
BUICK Envision	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	20	25	22	4	No	402
BUICK Envision	2.5	4	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	small SUV	5	22	29	25	5	No	359
BUICK Envision	2.5	4	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	small SUV	5	22	29	25	5	No	359
BUICK Envision	2.5	4	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	small SUV	5	21	27	24	5	No	377
BUICK Envision	2.5	4	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	small SUV	5	21	27	24	5	No	377
BUICK Regal	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	midsize car	5	21	29	24	5	No	365
BUICK Regal	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	midsize car	5	21	29	24	5	No	365
BUICK Regal	2	4	SemiAuto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	midsize car	5	22	32	26	5	No	343
BUICK Regal	2	4	SemiAuto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	midsize car	5	22	32	26	5	No	343
BUICK Regal	3.6	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV03.6165	midsize car	6	19	27	22	4	No	411

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BUICK Regal	3.6	6	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV03.6165	midsize car	6	19	27	22	4	No	411
BUICK Regal Tour X	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	station wagon	5	21	29	24	5	No	365
BUICK Regal Tour X	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	station wagon	5	21	29	24	5	No	365
BYD e6	N/A	N/A	Auto-1	2WD	Electricity	FA	B1	Federal Tier 2 Bin 1	LBYDV0000001	small SUV	10	73	71	72	10	Elite	0
CADILLAC CT4	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.0041	small car	6	23	34	27	6	No	327
CADILLAC CT4	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.0041	small car	6	23	34	27	6	No	327
CADILLAC CT4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.0041	small car	6	23	32	26	5	No	343
CADILLAC CT4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.0041	small car	6	23	32	26	5	No	343
CADILLAC CT4	2.7	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.7105	small car	6	20	30	24	5	No	373
CADILLAC CT4	2.7	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.7105	small car	6	20	30	24	5	No	373
CADILLAC CT4	2.7	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.7105	small car	6	20	28	23	5	No	382
CADILLAC CT4	2.7	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.7105	small car	6	20	28	23	5	No	382
CADILLAC CT4 V	2.7	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.7105	small car	6	20	29	23	5	No	384
CADILLAC CT4 V	2.7	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.7105	small car	6	20	29	23	5	No	384
CADILLAC CT4 V	2.7	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.7105	small car	6	20	28	23	5	No	382
CADILLAC CT4 V	2.7	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.7105	small car	6	20	28	23	5	No	382
CADILLAC CT5	2	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.0041	midsize car	6	23	32	26	5	No	337
CADILLAC CT5	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.0041	midsize car	6	23	32	26	5	No	337
CADILLAC CT5	2	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.0041	midsize car	6	21	31	25	5	No	356
CADILLAC CT5	2	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.0041	midsize car	6	21	31	25	5	No	356
CADILLAC CT5	3	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.0043	midsize car	5	19	26	21	4	No	412
CADILLAC CT5	3	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.0043	midsize car	5	19	26	21	4	No	412
CADILLAC CT5	3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.0043	midsize car	5	18	25	21	4	No	431
CADILLAC CT5	3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.0043	midsize car	5	18	25	21	4	No	431
CADILLAC CT5 V	3	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.0043	midsize car	5	18	26	21	4	No	412
CADILLAC CT5 V	3	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.0043	midsize car	5	18	26	21	4	No	412
CADILLAC CT5 V	3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.0043	midsize car	5	17	25	20	4	No	442
CADILLAC CT5 V	3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.0043	midsize car	5	17	25	20	4	No	442
CADILLAC CT6	3.6	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.6164	large car	5	18	27	21	4	No	420
CADILLAC CT6	3.6	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.6164	large car	5	18	27	21	4	No	420
CADILLAC CT6	4.2	8	SemiAuto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXV04.2088	large car	3	14	25	17	3	No	521
CADILLAC CT6	4.2	8	SemiAuto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXV04.2088	large car	3	14	25	17	3	No	521
CADILLAC Escalade	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CADILLAC Escalade	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CADILLAC Escalade	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	21	17	3	No	537
CADILLAC Escalade	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	21	17	3	No	537
CADILLAC XT4	2	4	SemiAuto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0400	small SUV	6	24	30	26	5	No	336
CADILLAC XT4	2	4	SemiAuto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0400	small SUV	6	24	30	26	5	No	336

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CADILLAC XT4	2	4	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0400	small SUV	6	22	29	24	5	No	366
CADILLAC XT4	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0400	small SUV	6	22	29	24	5	No	366
CADILLAC XT5	2	4	SemiAuto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	small SUV	6	21	28	24	5	No	363
CADILLAC XT5	2	4	SemiAuto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	small SUV	6	21	28	24	5	No	363
CADILLAC XT5	2	4	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	small SUV	6	21	26	23	5	No	379
CADILLAC XT5	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	small SUV	6	21	26	23	5	No	379
CADILLAC XT5	3.6	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	18	26	21	4	No	420
CADILLAC XT5	3.6	6	SemiAuto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	18	26	21	4	No	420
CADILLAC XT5	3.6	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	18	25	20	4	No	434
CADILLAC XT5	3.6	6	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	18	25	20	4	No	434
CADILLAC XT6	3.6	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	18	25	20	4	No	437
CADILLAC XT6	3.6	6	SemiAuto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	18	25	20	4	No	437
CADILLAC XT6	3.6	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	17	24	20	4	No	446
CADILLAC XT6	3.6	6	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	17	24	20	4	No	446
CHEVROLET Blazer	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	small SUV	6	21	28	24	5	No	362
CHEVROLET Blazer	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	small SUV	6	21	28	24	5	No	362
CHEVROLET Blazer	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	small SUV	6	21	27	23	5	No	374
CHEVROLET Blazer	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	small SUV	6	21	27	23	5	No	374
CHEVROLET Blazer	2.5	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5201	small SUV	5	21	27	23	5	No	382
CHEVROLET Blazer	2.5	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5201	small SUV	5	21	27	23	5	No	382
CHEVROLET Blazer	3.6	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	19	26	21	4	No	414
CHEVROLET Blazer	3.6	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	19	26	21	4	No	414
CHEVROLET Blazer	3.6	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	18	25	21	4	No	433
CHEVROLET Blazer	3.6	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	18	25	21	4	No	433
CHEVROLET Bolt EV	N/A	N/A	CVT	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LGMXV00.0002	station wagon	10	127	108	118	10	Elite	0
CHEVROLET Bolt EV	N/A	N/A	CVT	2WD	Electricity	CA	ZEV	California ZEV	LGMXV00.0002	station wagon	10	127	108	118	10	Elite	0
CHEVROLET Camaro	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	small car	5	20	30	23	5	No	378
CHEVROLET Camaro	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	small car	5	20	30	23	5	No	378
CHEVROLET Camaro	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	small car	5	22	31	25	5	No	353
CHEVROLET Camaro	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	small car	5	22	31	25	5	No	353
CHEVROLET Camaro	3.6	6	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV03.6165	small car	6	16	26	20	4	No	451
CHEVROLET Camaro	3.6	6	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV03.6165	small car	6	16	26	20	4	No	451
CHEVROLET Camaro	3.6	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV03.6165	small car	6	19	29	22	4	No	397
CHEVROLET Camaro	3.6	6	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV03.6165	small car	6	19	29	22	4	No	397
CHEVROLET Camaro	6.2	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LGMXV06.2089	small car	1	14	20	16	2	No	565
CHEVROLET Camaro	6.2	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LGMXV06.2089	small car	1	14	20	16	2	No	565
CHEVROLET Camaro	6.2	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LGMXV06.2090	small car	1	16	24	19	3	No	477
CHEVROLET Camaro	6.2	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LGMXV06.2090	small car	1	16	24	19	3	No	477
CHEVROLET Camaro	6.2	8	SemiAuto-10	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LGMXV06.2089	small car	1	13	21	16	2	No	571
CHEVROLET Camaro	6.2	8	SemiAuto-10	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LGMXV06.2089	small car	1	13	21	16	2	No	571
CHEVROLET Camaro	6.2	8	SemiAuto-10	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LGMXV06.2090	small car	1	16	27	20	4	No	451
CHEVROLET Camaro	6.2	8	SemiAuto-10	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LGMXV06.2090	small car	1	16	27	20	4	No	451

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CHEVROLET Colorado	2.5	4	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	pickup	5	20	26	22	4	No	406
CHEVROLET Colorado	2.5	4	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	pickup	5	20	26	22	4	No	406
CHEVROLET Colorado	2.5	4	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	pickup	5	19	24	21	4	No	428
CHEVROLET Colorado	2.5	4	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	pickup	5	19	24	21	4	No	428
CHEVROLET Colorado	2.8	4	Auto-6	2WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8358	pickup	3	20	30	23	4	No	435
CHEVROLET Colorado	2.8	4	Auto-6	2WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8358	pickup	3	20	30	23	4	No	435
CHEVROLET Colorado	2.8	4	Auto-6	4WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8358	pickup	3	19	28	22	4	No	456
CHEVROLET Colorado	2.8	4	Auto-6	4WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8358	pickup	3	19	28	22	4	No	456
CHEVROLET Colorado	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6161	pickup	5	18	25	20	4	No	440
CHEVROLET Colorado	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6161	pickup	5	18	25	20	4	No	440
CHEVROLET Colorado	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6161	pickup	5	17	24	19	3	No	461
CHEVROLET Colorado	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6161	pickup	5	17	24	19	3	No	461
CHEVROLET Colorado ZR2	2.8	4	Auto-6	4WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8357	pickup	3	18	22	19	3	No	525
CHEVROLET Colorado ZR2	2.8	4	Auto-6	4WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8357	pickup	3	18	22	19	3	No	525
CHEVROLET Colorado ZR2	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6162	pickup	5	16	18	17	3	No	532
CHEVROLET Colorado ZR2	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6162	pickup	5	16	18	17	3	No	532
CHEVROLET Corvette	6.2	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXV06.2091	small car	3	15	27	19	3	No	467
CHEVROLET Corvette	6.2	8	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXV06.2091	small car	3	15	27	19	3	No	467
CHEVROLET Equinox	1.5	4	Auto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXT01.5090	small SUV	7	26	31	28	6	No	315
CHEVROLET Equinox	1.5	4	Auto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXT01.5090	small SUV	7	26	31	28	6	No	315
CHEVROLET Equinox	1.5	4	Auto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXT01.5090	small SUV	7	25	30	27	6	No	324
CHEVROLET Equinox	1.5	4	Auto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXT01.5090	small SUV	7	25	30	27	6	No	324
CHEVROLET Equinox	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	22	29	25	5	No	350
CHEVROLET Equinox	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	22	29	25	5	No	350
CHEVROLET Equinox	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	22	28	24	5	No	367
CHEVROLET Equinox	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	22	28	24	5	No	367
CHEVROLET Impala	3.6	6	SemiAuto-6	2WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.6166	large car	5	14/18	20/28	16/22	4	No	396/411
CHEVROLET Impala	3.6	6	SemiAuto-6	2WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.6166	large car	5	14/18	20/28	16/22	4	No	396/411
CHEVROLET Impala	3.6	6	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV03.6048	large car	7	19	28	22	4	No	406
CHEVROLET Impala	3.6	6	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV03.6048	large car	7	19	28	22	4	No	406
CHEVROLET Malibu	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV01.5002	midsize car	6	29	36	32	7	Yes	298
CHEVROLET Malibu	1.5	4	CVT	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV01.5002	midsize car	6	29	36	32	7	Yes	298
CHEVROLET Malibu	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV01.5010	midsize car	7	29	36	32	7	Yes	298
CHEVROLET Malibu	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV01.5010	midsize car	7	29	36	32	7	Yes	298
CHEVROLET Malibu	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	midsize car	5	22	32	26	5	No	344
CHEVROLET Malibu	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	midsize car	5	22	32	26	5	No	344
CHEVROLET Silverado	2.7	4	Auto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	19	22	20	4	No	422
CHEVROLET Silverado	2.7	4	Auto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	20	23	21	4	No	421
CHEVROLET Silverado	2.7	4	Auto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	19	22	20	4	No	422
CHEVROLET Silverado	2.7	4	Auto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	20	23	21	4	No	421
CHEVROLET Silverado	2.7	4	Auto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	19	22	20	4	No	442
CHEVROLET Silverado	2.7	4	Auto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	19	22	20	4	No	442

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CHEVROLET Silverado	3	6	Auto-10	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0352	pickup	1	23	33	27	5	No	383
CHEVROLET Silverado	3	6	Auto-10	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0352	pickup	1	23	33	27	5	No	383
CHEVROLET Silverado	3	6	Auto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0352	pickup	1	23	29	25	4	No	405
CHEVROLET Silverado	3	6	Auto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0352	pickup	1	23	29	25	4	No	405
CHEVROLET Silverado	4.3	6	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	16	21	17	3	No	523
CHEVROLET Silverado	4.3	6	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	special purpose	6	15	19	17	3	No	523
CHEVROLET Silverado	4.3	6	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	16	21	17	3	No	523
CHEVROLET Silverado	4.3	6	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	special purpose	6	15	19	17	3	No	523
CHEVROLET Silverado	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	15	20	17	3	No	532
CHEVROLET Silverado	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	special purpose	6	14	16	15	2	No	594
CHEVROLET Silverado	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	15	20	17	3	No	532
CHEVROLET Silverado	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	special purpose	6	14	16	15	2	No	594
CHEVROLET Silverado	5.3	8	Auto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	22	19	3	No	477
CHEVROLET Silverado	5.3	8	Auto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	22	19	3	No	477
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3385	pickup	3	11/15	14/19	12/16	2	No	531/545
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3385	pickup	3	11/15	14/19	12/16	2	No	531/545
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	15	21	17	3	No	524
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	special purpose	5	14	18	15	2	No	582
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	15	21	17	3	No	524
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	special purpose	5	14	18	15	2	No	582
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3385	pickup	3	11/14	13/18	12/16	2	No	541/563
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3385	pickup	3	11/14	13/18	12/16	2	No	541/563
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	15	20	17	3	No	525
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	special purpose	5	14	17	15	2	No	593
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	15	20	17	3	No	525
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	special purpose	5	14	17	15	2	No	593
CHEVROLET Silverado	5.3	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	17	23	19	3	No	460
CHEVROLET Silverado	5.3	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	17	24	20	4	No	448
CHEVROLET Silverado	5.3	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	17	23	19	3	No	460
CHEVROLET Silverado	5.3	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	17	24	20	4	No	448
CHEVROLET Silverado	5.3	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	22	18	3	No	494
CHEVROLET Silverado	5.3	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	22	18	3	No	494

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CHEVROLET Silverado	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	16	20	17	3	No	516
CHEVROLET Silverado	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	16	20	17	3	No	516
CHEVROLET Silverado 4WD Trail Boss	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	14	18	16	2	No	556
CHEVROLET Silverado 4WD Trail Boss	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	14	18	16	2	No	556
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	21	18	3	No	494
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	21	18	3	No	494
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	14	18	16	2	No	561
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	14	18	16	2	No	561
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	21	18	3	No	486
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	21	18	3	No	486
CHEVROLET Silverado 4WD Trail Boss	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	14	18	15	2	No	575
CHEVROLET Silverado 4WD Trail Boss	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	15	19	17	3	No	515
CHEVROLET Silverado 4WD Trail Boss	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	14	18	15	2	No	575
CHEVROLET Silverado 4WD Trail Boss	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	15	19	17	3	No	515
CHEVROLET Sonic	1.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small car	5	26	34	29	6	No	308
CHEVROLET Sonic	1.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small car	5	26	34	29	6	No	308
CHEVROLET Sonic 5	1.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	station wagon	5	26	34	29	6	No	308
CHEVROLET Sonic 5	1.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	station wagon	5	26	34	29	6	No	308
CHEVROLET Spark	1.4	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4050	small car	5	30	38	33	7	Yes	269
CHEVROLET Spark	1.4	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4050	small car	5	30	38	33	7	Yes	269
CHEVROLET Spark	1.4	4	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4050	small car	5	29	38	33	7	Yes	273
CHEVROLET Spark	1.4	4	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4050	small car	5	29	38	33	7	Yes	273
CHEVROLET Spark Activ	1.4	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4050	small car	5	30	37	33	7	Yes	269
CHEVROLET Spark Activ	1.4	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4050	small car	5	30	37	33	7	Yes	269
CHEVROLET Spark Activ	1.4	4	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4050	small car	5	29	37	32	7	Yes	278
CHEVROLET Spark Activ	1.4	4	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4050	small car	5	29	37	32	7	Yes	278
CHEVROLET Suburban 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505

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CHEVROLET Suburban 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
CHEVROLET Suburban 1500	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
CHEVROLET Suburban 1500	5.3	8	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
CHEVROLET Suburban 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/14	15/21	12/16	2	No	513/543
CHEVROLET Suburban 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/14	15/21	12/16	2	No	513/543
CHEVROLET Suburban 1500	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	14	21	16	2	No	547
CHEVROLET Suburban 1500	5.3	8	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	14	21	16	2	No	547
CHEVROLET Suburban 1500	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CHEVROLET Suburban 1500	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CHEVROLET Suburban 1500	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	20	16	2	No	557
CHEVROLET Suburban 1500	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	20	16	2	No	557
CHEVROLET Tahoe 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
CHEVROLET Tahoe 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
CHEVROLET Tahoe 1500	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
CHEVROLET Tahoe 1500	5.3	8	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
CHEVROLET Tahoe 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	16/21	13/17	3	No	491/513
CHEVROLET Tahoe 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	16/21	13/17	3	No	491/513
CHEVROLET Tahoe 1500	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	21	17	3	No	525
CHEVROLET Tahoe 1500	5.3	8	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	21	17	3	No	525
CHEVROLET Tahoe 1500	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CHEVROLET Tahoe 1500	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517

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CHEVROLET Tahoe 1500	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	22	17	3	No	527
CHEVROLET Tahoe 1500	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	22	17	3	No	527
CHEVROLET Traverse	3.6	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	18	27	21	4	No	420
CHEVROLET Traverse	3.6	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	18	27	21	4	No	420
CHEVROLET Traverse	3.6	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	17	25	20	4	No	442
CHEVROLET Traverse	3.6	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	17	25	20	4	No	442
CHEVROLET Trax	1.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small SUV	5	26	31	28	6	No	316
CHEVROLET Trax	1.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small SUV	5	26	31	28	6	No	316
CHEVROLET Trax	1.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small SUV	5	24	29	26	5	No	344
CHEVROLET Trax	1.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small SUV	5	24	29	26	5	No	344
CHRYSLER 300	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	large car	3	19	30	23	5	No	389
CHRYSLER 300	3.6	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	large car	3	19	30	23	5	No	389
CHRYSLER 300	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	large car	3	18	27	21	4	No	415
CHRYSLER 300	3.6	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	large car	3	18	27	21	4	No	415
CHRYSLER 300	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV05.75P5	large car	3	16	25	19	3	No	466
CHRYSLER 300	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV05.75P5	large car	3	16	25	19	3	No	466
CHRYSLER Pacifica	3.6	6	Auto-9	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P8	minivan	7	19	28	22	4	No	401
CHRYSLER Pacifica	3.6	6	Auto-9	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P8	minivan	7	19	28	22	4	No	401
CHRYSLER Pacifica Hybrid	3.6	6	CVT	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P6	minivan	7	29/87	30/76	30/82	10	Elite	119
CHRYSLER Pacifica Hybrid	3.6	6	CVT	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P6	minivan	7	29/87	30/76	30/82	10	Elite	119
CHRYSLER Voyager	3.6	6	Auto-9	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P8	minivan	7	19	28	22	4	No	401
CHRYSLER Voyager	3.6	6	Auto-9	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P8	minivan	7	19	28	22	4	No	401
DODGE Challenger	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	midsize car	3	19	30	23	5	No	389
DODGE Challenger	3.6	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	midsize car	3	19	30	23	5	No	389
DODGE Challenger	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	midsize car	3	18	27	21	4	No	415
DODGE Challenger	3.6	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	midsize car	3	18	27	21	4	No	415
DODGE Challenger	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV05.75P5	midsize car	3	16	25	19	3	No	466
DODGE Challenger	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV05.75P5	midsize car	3	16	25	19	3	No	466
DODGE Challenger	5.7	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV05.75P4	midsize car	1	15	23	18	3	No	494
DODGE Challenger	5.7	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV05.75P4	midsize car	1	15	23	18	3	No	494
DODGE Challenger	6.4	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	midsize car	1	15	24	18	3	No	500
DODGE Challenger	6.4	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	midsize car	1	15	24	18	3	No	500
DODGE Challenger	6.4	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	midsize car	1	14	23	17	3	No	523
DODGE Challenger	6.4	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	midsize car	1	14	23	17	3	No	523
DODGE Challenger SRT	6.2	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	midsize car	1	13	22	16	2	No	546
DODGE Challenger SRT	6.2	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	midsize car	1	13	22	16	2	No	546

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
DODGE Challenger SRT	6.2	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	midsize car	1	13	21	16	2	No	567
DODGE Challenger SRT	6.2	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	midsize car	1	13	21	16	2	No	567
DODGE Challenger SRT Widebody	6.2	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	midsize car	1	13	21	15	2	No	576
DODGE Challenger SRT Widebody	6.2	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	midsize car	1	13	21	15	2	No	576
DODGE Challenger SRT Widebody	6.2	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	midsize car	1	13	21	16	2	No	567
DODGE Challenger SRT Widebody	6.2	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	midsize car	1	13	21	16	2	No	567
DODGE Challenger Widebody	6.4	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	midsize car	1	15	24	18	3	No	500
DODGE Challenger Widebody	6.4	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	midsize car	1	15	24	18	3	No	500
DODGE Challenger Widebody	6.4	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	midsize car	1	14	23	17	3	No	523
DODGE Challenger Widebody	6.4	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	midsize car	1	14	23	17	3	No	523
DODGE Charger	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	large car	3	19	30	23	5	No	389
DODGE Charger	3.6	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	large car	3	19	30	23	5	No	389
DODGE Charger	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	large car	3	18	27	21	4	No	415
DODGE Charger	3.6	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	large car	3	18	27	21	4	No	415
DODGE Charger	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV05.75P5	large car	3	16	25	19	3	No	466
DODGE Charger	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV05.75P5	large car	3	16	25	19	3	No	466
DODGE Charger	6.4	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	large car	1	15	24	18	3	No	500
DODGE Charger	6.4	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	large car	1	15	24	18	3	No	500
DODGE Charger SRT Widebody	6.2	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	large car	1	12	21	15	2	No	592
DODGE Charger SRT Widebody	6.2	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	large car	1	12	21	15	2	No	592
DODGE Charger Widebody	6.4	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	large car	1	15	24	18	3	No	500
DODGE Charger Widebody	6.4	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	large car	1	15	24	18	3	No	500
DODGE Durango	3.6	6	Auto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
DODGE Durango	3.6	6	Auto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
DODGE Durango	3.6	6	Auto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
DODGE Durango	3.6	6	Auto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
DODGE Durango	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	525

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
DODGE Durango	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	525
DODGE Durango	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533
DODGE Durango	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533
DODGE Durango SRT	6.4	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	584
DODGE Durango SRT	6.4	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	584
DODGE Grand Caravan	3.6	6	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	minivan	5	17	25	20	4	No	445
DODGE Grand Caravan	3.6	6	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	minivan	5	17	25	20	4	No	445
DODGE Journey	2.4	4	Auto-4	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT02.4FP2	small SUV	3	19	25	21	4	No	420
FERRARI 488 Pista	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	15	20	17	3	No	524
FERRARI 488 Pista	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	15	20	17	3	No	524
FERRARI 488 Pista Spider	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	15	19	17	3	No	531
FERRARI 488 Pista Spider	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	15	19	17	3	No	531
FERRARI 812 Superfast	6.5	12	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV06.5GDI	small car	3	12	16	13	1	No	661
FERRARI 812 Superfast	6.5	12	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV06.5GDI	small car	3	12	16	13	1	No	661
FERRARI F8 Tributo	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	15	19	16	2	No	541
FERRARI F8 Tributo	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	15	19	16	2	No	541
FERRARI GTC4Lusso	6.3	12	AutoMan-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV06.5GDI	small car	3	12	17	13	1	No	661
FERRARI GTC4Lusso	6.3	12	AutoMan-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV06.5GDI	small car	3	12	17	13	1	No	661
FERRARI GTC4Lusso T	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	15	21	17	3	No	524
FERRARI GTC4Lusso T	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	15	21	17	3	No	524
FERRARI Portofino	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	16	22	18	3	No	485
FERRARI Portofino	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	16	22	18	3	No	485
FIAT 124 Spider	1.4	4	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV01.45P0	small car	3	25	36	29	6	No	302
FIAT 124 Spider	1.4	4	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV01.45P0	small car	3	25	36	29	6	No	302
FIAT 124 Spider	1.4	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV01.45P0	small car	3	26	35	30	7	No	298
FIAT 124 Spider	1.4	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV01.45P0	small car	3	26	35	30	7	No	298
FIAT 500L	1.4	4	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV01.45P0	station wagon	3	22	30	25	5	No	356
FIAT 500L	1.4	4	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV01.45P0	station wagon	3	22	30	25	5	No	356
FIAT 500X	1.3	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	24	30	26	5	No	342
FIAT 500X	1.3	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	24	30	26	5	No	342
FORD EcoSport	1	3	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT01.01B7	small SUV	5	27	29	28	6	No	318
FORD EcoSport	1	3	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT01.01B7	small SUV	5	27	29	28	6	No	318
FORD EcoSport	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.01B2	small SUV	5	23	29	25	5	No	355
FORD EcoSport	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.01B2	small SUV	5	23	29	25	5	No	355
FORD Edge	2	4	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	21	29	24	5	No	369
FORD Edge	2	4	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	21	29	24	5	No	369
FORD Edge	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	21	28	23	5	No	384

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FORD Edge	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	21	28	23	5	No	384
FORD Edge	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	21	28	23	5	No	384
FORD Edge	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	21	28	23	5	No	384
FORD Edge	2.7	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
FORD Edge	2.7	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
FORD Escape	1.5	3	Auto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXT01.52X1	small SUV	7	27	33	30	7	Yes	297
FORD Escape	1.5	3	Auto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXT01.52X1	small SUV	7	27	33	30	7	Yes	297
FORD Escape	1.5	3	Auto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXT01.52X1	small SUV	7	26	31	28	6	No	319
FORD Escape	1.5	3	Auto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXT01.52X1	small SUV	7	26	31	28	6	No	319
FORD Escape	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02Y1	small SUV	5	23	31	26	5	No	342
FORD Escape	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02Y1	small SUV	5	23	31	26	5	No	342
FORD Escape HEV	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXT02.52F1	small SUV	7	44	37	41	9	Yes	220
FORD Escape HEV	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXT02.52F1	small SUV	7	44	37	41	9	Yes	220
FORD Escape HEV	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXT02.52F1	small SUV	7	43	37	40	9	Yes	224
FORD Escape HEV	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXT02.52F1	small SUV	7	43	37	40	9	Yes	224
FORD Expedition	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	17	23	19	3	No	467
FORD Expedition	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	17	23	19	3	No	467
FORD Expedition	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	17	22	19	3	No	473
FORD Expedition	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	17	22	19	3	No	473
FORD Expedition MAX	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	17	23	19	3	No	467
FORD Expedition MAX	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	17	23	19	3	No	467
FORD Expedition MAX	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	494
FORD Expedition MAX	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	494
FORD Explorer	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.33U1	standard SUV	5	21	28	24	5	No	370
FORD Explorer	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.33U1	standard SUV	5	21	28	24	5	No	370
FORD Explorer	2.3	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.33U1	standard SUV	5	20	27	23	5	No	386
FORD Explorer	2.3	4	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.33U1	standard SUV	5	20	27	23	5	No	386
FORD Explorer	3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.03U2	standard SUV	5	18	24	20	4	No	446
FORD Explorer	3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.03U2	standard SUV	5	18	24	20	4	No	446

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
FORD Explorer FFV	3.3	6	SemiAuto-10	4WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33U3	standard SUV	5	11/16	15/23	13/19	3	No	500/468
FORD Explorer FFV	3.3	6	SemiAuto-10	4WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.33U3	standard SUV	5	11/16	15/23	13/19	3	No	500/468
FORD Explorer HEV	3.3	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33F1	standard SUV	5	27	29	28	6	No	322
FORD Explorer HEV	3.3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33F1	standard SUV	5	23	26	25	5	No	361
FORD Explorer HEV	3.3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.33F1	standard SUV	5	23	26	25	5	No	361
FORD F150	2.7	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.73JK	pickup	5	20	26	22	4	No	402
FORD F150	2.7	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.73JK	pickup	5	20	26	22	4	No	402
FORD F150	2.7	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.73JK	pickup	5	18	23	20	4	No	444
FORD F150	2.7	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.73JK	pickup	5	18	23	20	4	No	444
FORD F150	3	6	SemiAuto-10	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LFMXT03.03DZ	pickup	1	21	28	24	4	No	424
FORD F150	3	6	SemiAuto-10	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LFMXT03.03DZ	pickup	1	21	29	24	4	No	420
FORD F150	3	6	SemiAuto-10	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.03DZ	pickup	1	21	28	24	4	No	424
FORD F150	3	6	SemiAuto-10	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.03DZ	pickup	1	21	29	24	4	No	420
FORD F150	3	6	SemiAuto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LFMXT03.03DZ	pickup	1	20	25	22	3	No	466
FORD F150	3	6	SemiAuto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.03DZ	pickup	1	20	25	22	3	No	466
FORD F150	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JK	pickup	5	17	23	19	3	No	468
FORD F150	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JK	pickup	5	17	23	19	3	No	468
FORD F150	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JK	pickup	5	16	22	18	3	No	488
FORD F150	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JK	pickup	5	16	22	18	3	No	488
FORD F150 FFV	3.3	6	SemiAuto-6	2WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33DU	pickup	5	14/19	19/25	16/22	4	No	394/409
FORD F150 FFV	3.3	6	SemiAuto-6	2WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.33DU	pickup	5	14/19	19/25	16/22	4	No	394/409
FORD F150 FFV	3.3	6	SemiAuto-6	4WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33DU	pickup	5	13/18	17/23	15/20	4	No	424/439
FORD F150 FFV	3.3	6	SemiAuto-6	4WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.33DU	pickup	5	13/18	17/23	15/20	4	No	424/439
FORD F150 FFV	5	8	SemiAuto-10	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LFMXT05.03DP	pickup	3	12/15	17/20	14/17	3	No	440/523
FORD F150 FFV	5	8	SemiAuto-10	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LFMXT05.03DP	pickup	3	12/17	17/23	14/19	3	No	447/467
FORD F150 FFV	5	8	SemiAuto-10	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LFMXT05.03DP	pickup	3	12/15	17/20	14/17	3	No	440/523
FORD F150 FFV	5	8	SemiAuto-10	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LFMXT05.03DP	pickup	3	12/17	17/23	14/19	3	No	447/467
FORD F150 FFV	5	8	SemiAuto-10	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LFMXT05.03DP	pickup	3	12/15	15/21	13/18	3	No	487/506

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
FORD F150 FFV	5	8	SemiAuto-10	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LFMXT05.03DP	pickup	3	12/15	15/21	13/18	3	No	487/506
FORD F150 FFV BASE PAYLOAD LT	5	8	SemiAuto-10	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LFMXT05.03DP	pickup	3	12/16	17/21	14/18	3	No	449/494
FORD F150 FFV BASE PAYLOAD LT	5	8	SemiAuto-10	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LFMXT05.03DP	pickup	3	12/16	17/21	14/18	3	No	449/494
FORD F150 Limited	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JM	pickup	5	17	22	19	3	No	466
FORD F150 Limited	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JM	pickup	5	17	22	19	3	No	466
FORD F150 Limited	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JM	pickup	5	17	21	19	3	No	467
FORD F150 Limited	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JM	pickup	5	17	21	19	3	No	467
FORD F150 Raptor	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JM	pickup	5	15	18	16	2	No	540
FORD F150 Raptor	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JM	pickup	5	15	18	16	2	No	540
FORD F150 XL/XLT	3	6	SemiAuto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LFMXT03.03DZ	pickup	1	21	28	24	4	No	430
FORD F150 XL/XLT	3	6	SemiAuto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.03DZ	pickup	1	21	28	24	4	No	430
FORD Fusion	1.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXV01.5VZ3	midsize car	7	23	34	27	6	No	327
FORD Fusion	1.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXV01.5VZ3	midsize car	7	23	34	27	6	No	327
FORD Fusion	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	21	31	25	5	No	355
FORD Fusion	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	21	31	25	5	No	355
FORD Fusion	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384
FORD Fusion	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384
FORD Fusion	2.5	4	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.5VEU	midsize car	5	21	31	24	5	No	364
FORD Fusion	2.5	4	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.5VEU	midsize car	5	21	31	24	5	No	364
FORD Fusion Energi Plug-in Hybrid	2	4	CVT	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZQ	midsize car	7	43/109	40/97	42/103	10	Elite	99
FORD Fusion Energi Plug-in Hybrid	2	4	CVT	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZQ	midsize car	7	43/109	40/97	42/103	10	Elite	99
FORD Fusion Hybrid	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZT	midsize car	7	43	41	42	9	Yes	211
FORD Fusion Hybrid	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZT	midsize car	7	43	41	42	9	Yes	211
FORD Fusion Hybrid Taxi	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZT	midsize car	7	43	40	41	9	Yes	217
FORD Fusion Hybrid Taxi	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZT	midsize car	7	43	40	41	9	Yes	217
FORD Fusion Special Service PHEV	2	4	CVT	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZQ	midsize car	7	43/106	40/97	42/102	10	Elite	101
FORD Fusion Special Service PHEV	2	4	CVT	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZQ	midsize car	7	43/106	40/97	42/102	10	Elite	101
FORD GT	3.5	6	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV03.5VGT	small car	3	12	18	14	1	No	632
FORD GT	3.5	6	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV03.5VGT	small car	3	12	18	14	1	No	632
FORD Mustang	2.3	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	21	30	24	5	No	364
FORD Mustang	2.3	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	21	30	24	5	No	364
FORD Mustang	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	21	32	25	5	No	354
FORD Mustang	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	21	32	25	5	No	354
FORD Mustang	5	8	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.0VKN	small car	3	15	24	18	3	No	493
FORD Mustang	5	8	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.0VKN	small car	3	15	24	18	3	No	493
FORD Mustang	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.0VKN	small car	3	16	25	19	3	No	472
FORD Mustang	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.0VKN	small car	3	16	25	19	3	No	472

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FORD Mustang Bullitt	5	8	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.0VKN	small car	3	14	23	17	3	No	514
FORD Mustang Bullitt	5	8	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.0VKN	small car	3	14	23	17	3	No	514
FORD Mustang Convertible	2.3	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	28	23	5	No	386
FORD Mustang Convertible	2.3	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	28	23	5	No	386
FORD Mustang Convertible	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	28	23	5	No	387
FORD Mustang Convertible	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	28	23	5	No	387
FORD Mustang Convertible	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.0VKN	small car	3	15	24	18	3	No	484
FORD Mustang Convertible	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.0VKN	small car	3	15	24	18	3	No	484
FORD Mustang HO Convertible	2.3	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	19	26	22	4	No	406
FORD Mustang HO Convertible	2.3	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	19	26	22	4	No	406
FORD Mustang HO Convertible	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	27	23	5	No	386
FORD Mustang HO Convertible	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	27	23	5	No	386
FORD Mustang HO Coupe	2.3	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	27	23	5	No	389
FORD Mustang HO Coupe	2.3	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	27	23	5	No	389
FORD Mustang HO Coupe	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	28	23	5	No	386
FORD Mustang HO Coupe	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	28	23	5	No	386
FORD Ranger	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXT02.33MC	special purpose	3	19	18	18	3	No	485
FORD Ranger	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXT02.33MC	special purpose	3	19	18	18	3	No	485
FORD Ranger	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.33ME	pickup	5	21	26	23	5	No	387
FORD Ranger	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.33ME	pickup	5	21	26	23	5	No	387
FORD Ranger	2.3	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.33ME	pickup	5	20	24	22	4	No	404
FORD Ranger	2.3	4	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.33ME	pickup	5	20	24	22	4	No	404
FORD Shelby GT350 Mustang	5.2	8	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.2VES	small car	3	14	21	16	2	No	550
FORD Shelby GT350 Mustang	5.2	8	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.2VES	small car	3	14	21	16	2	No	550
FORD Shelby GT500 Mustang	5.2	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.2VEZ	small car	3	12	18	14	1	No	631
FORD Shelby GT500 Mustang	5.2	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.2VEZ	small car	3	12	18	14	1	No	631
FORD Transit Connect	2	4	SemiAuto-8	2WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02MI	special purpose	5	17/24	21/29	19/26	5	No	335/344
FORD Transit Connect	2	4	SemiAuto-8	2WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02MI	special purpose	5	18/24	20/27	19/25	5	No	337/353
FORD Transit Connect	2	4	SemiAuto-8	2WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02MI	special purpose	5	17/24	21/29	19/26	5	No	335/344
FORD Transit Connect	2	4	SemiAuto-8	2WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02MI	special purpose	5	18/24	20/27	19/25	5	No	337/353

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FORD Transit Connect	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LFMXT02.02NP	special purpose	6	24	27	25	5	No	353
FORD Transit Connect	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LFMXT02.02NP	special purpose	6	24	29	26	5	No	344
FORD Transit Connect	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFMXT02.02NP	special purpose	6	24	27	25	5	No	353
FORD Transit Connect	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFMXT02.02NP	special purpose	6	24	29	26	5	No	344
FORD Transit Connect	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.52NG	special purpose	5	20	26	22	4	No	404
FORD Transit Connect	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.52NG	special purpose	5	20	27	22	4	No	397
FORD Transit Connect	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.52NG	special purpose	5	20	26	22	4	No	404
FORD Transit Connect	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.52NG	special purpose	5	20	27	22	4	No	397
FORD Transit Connect USPS	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.52NG	special purpose	5	20	27	22	4	No	397
FORD Transit Connect USPS	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.52NG	special purpose	5	20	27	22	4	No	397
FORD Transit T150 Wagon FFV	3.5	6	SemiAuto-10	2WD	Ethanol/Gas	CA	L3LEV160	California LEV-III LEV160	LFMXT03.55HM	van	1	11/15	15/19	12/17	3	No	502/537
FORD Transit T150 Wagon FFV	3.5	6	SemiAuto-10	2WD	Ethanol/Gas	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.55HM	van	1	11/15	15/19	12/17	3	No	502/537
FORD Transit T150 Wagon FFV	3.5	6	SemiAuto-10	4WD	Ethanol/Gas	CA	L3LEV160	California LEV-III LEV160	LFMXT03.55HM	van	1	11/14	14/19	12/16	2	No	523/562
FORD Transit T150 Wagon FFV	3.5	6	SemiAuto-10	4WD	Ethanol/Gas	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.55HM	van	1	11/14	14/19	12/16	2	No	523/562
GENESIS G70	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV02.0GG6	small car	3	18	28	22	4	No	410
GENESIS G70	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV02.0GG6	small car	3	18	28	22	4	No	410
GENESIS G70	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV02.0GG6	small car	3	22	30	25	5	No	357
GENESIS G70	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV02.0GG6	small car	3	22	30	25	5	No	357
GENESIS G70	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV02.0GG6	small car	3	20	27	23	5	No	385
GENESIS G70	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV02.0GG6	small car	3	20	27	23	5	No	385
GENESIS G70	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3GK6	small car	3	17	26	20	4	No	447
GENESIS G70	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3GK6	small car	3	17	26	20	4	No	447
GENESIS G70	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3GK6	small car	3	17	25	20	4	No	457
GENESIS G70	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3GK6	small car	3	17	25	20	4	No	457
GENESIS G80	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3HK6	large car	3	17	25	20	4	No	442
GENESIS G80	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3HK6	large car	3	17	25	20	4	No	442
GENESIS G80	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3HK6	large car	3	17	24	20	4	No	453
GENESIS G80	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3HK6	large car	3	17	24	20	4	No	453
GENESIS G80	3.8	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV03.8HL5	large car	5	18	26	21	4	No	423
GENESIS G80	3.8	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV03.8HL5	large car	5	18	26	21	4	No	423

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
GENESIS G80	3.8	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV03.8HL5	large car	5	18	24	20	4	No	445
GENESIS G80	3.8	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV03.8HL5	large car	5	18	24	20	4	No	445
GENESIS G80	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV05.0HM5	large car	5	16	24	19	3	No	474
GENESIS G80	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV05.0HM5	large car	5	16	24	19	3	No	474
GENESIS G80	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV05.0HM5	large car	5	15	23	18	3	No	503
GENESIS G80	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV05.0HM5	large car	5	15	23	18	3	No	503
GENESIS G90	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3JKF	large car	3	17	25	20	4	No	446
GENESIS G90	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3JKF	large car	3	17	25	20	4	No	446
GENESIS G90	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3JKF	large car	3	17	25	20	4	No	451
GENESIS G90	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3JKF	large car	3	17	25	20	4	No	451
GENESIS G90	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV05.0JM5	large car	5	16	24	19	3	No	485
GENESIS G90	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV05.0JM5	large car	5	16	24	19	3	No	485
GENESIS G90	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV05.0JM5	large car	5	15	23	18	3	No	500
GENESIS G90	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV05.0JM5	large car	5	15	23	18	3	No	500
GMC Acadia	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	standard SUV	6	21	28	24	5	No	362
GMC Acadia	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	standard SUV	6	21	28	24	5	No	362
GMC Acadia	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	standard SUV	6	21	27	23	5	No	374
GMC Acadia	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	standard SUV	6	21	27	23	5	No	374
GMC Acadia	2.5	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5201	standard SUV	5	21	27	23	5	No	382
GMC Acadia	2.5	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5201	standard SUV	5	21	27	23	5	No	382
GMC Acadia	3.6	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	19	27	22	4	No	413
GMC Acadia	3.6	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	19	27	22	4	No	413
GMC Acadia	3.6	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	18	25	21	4	No	433
GMC Acadia	3.6	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	18	25	21	4	No	433
GMC Canyon	2.5	4	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	pickup	5	20	26	22	4	No	406
GMC Canyon	2.5	4	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	pickup	5	20	26	22	4	No	406
GMC Canyon	2.5	4	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	pickup	5	19	24	21	4	No	428
GMC Canyon	2.5	4	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	pickup	5	19	24	21	4	No	428
GMC Canyon	2.8	4	Auto-6	2WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8358	pickup	3	20	30	23	4	No	435
GMC Canyon	2.8	4	Auto-6	2WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8358	pickup	3	20	30	23	4	No	435
GMC Canyon	2.8	4	Auto-6	4WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8358	pickup	3	19	28	22	4	No	456
GMC Canyon	2.8	4	Auto-6	4WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8358	pickup	3	19	28	22	4	No	456
GMC Canyon	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6161	pickup	5	18	25	20	4	No	440
GMC Canyon	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6161	pickup	5	18	25	20	4	No	440

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
GMC Canyon	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6161	pickup	5	17	24	19	3	No	461
GMC Canyon	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6161	pickup	5	17	24	19	3	No	461
GMC Sierra	2.7	4	Auto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	19	22	20	4	No	421
GMC Sierra	2.7	4	Auto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	20	23	21	4	No	421
GMC Sierra	2.7	4	Auto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	19	22	20	4	No	421
GMC Sierra	2.7	4	Auto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	20	23	21	4	No	421
GMC Sierra	2.7	4	Auto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	19	22	20	4	No	442
GMC Sierra	2.7	4	Auto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	19	22	20	4	No	442
GMC Sierra	3	6	Auto-10	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0352	pickup	1	23	30	26	5	No	392
GMC Sierra	3	6	Auto-10	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0352	pickup	1	23	30	26	5	No	392
GMC Sierra	3	6	Auto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0351	pickup	1	22	26	24	4	No	427
GMC Sierra	3	6	Auto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0351	pickup	1	22	26	24	4	No	427
GMC Sierra	4.3	6	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	16	21	17	3	No	523
GMC Sierra	4.3	6	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	special purpose	6	15	19	17	3	No	523
GMC Sierra	4.3	6	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	16	21	17	3	No	523
GMC Sierra	4.3	6	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	special purpose	6	15	19	17	3	No	523
GMC Sierra	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	15	20	17	3	No	532
GMC Sierra	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	special purpose	6	14	16	15	2	No	594
GMC Sierra	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	15	20	17	3	No	532
GMC Sierra	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	special purpose	6	14	16	15	2	No	594
GMC Sierra	5.3	8	Auto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	22	19	3	No	479
GMC Sierra	5.3	8	Auto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	22	19	3	No	479
GMC Sierra	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3385	pickup	3	11/15	14/19	12/16	2	No	531/545
GMC Sierra	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3385	pickup	3	11/15	14/19	12/16	2	No	531/545
GMC Sierra	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	15	21	17	3	No	524
GMC Sierra	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	special purpose	5	14	18	15	2	No	582
GMC Sierra	5.3	8	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	15	21	17	3	No	524
GMC Sierra	5.3	8	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	special purpose	5	14	18	15	2	No	582
GMC Sierra	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3385	pickup	3	11/14	14/19	12/16	2	No	523/549
GMC Sierra	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3385	pickup	3	11/14	14/19	12/16	2	No	523/549
GMC Sierra	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	15	20	17	3	No	530
GMC Sierra	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	special purpose	5	14	17	15	2	No	593
GMC Sierra	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	15	20	17	3	No	530

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GMC Sierra	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	special purpose	5	14	17	15	2	No	593
GMC Sierra	5.3	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	17	23	19	3	No	463
GMC Sierra	5.3	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	17	24	20	4	No	448
GMC Sierra	5.3	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	17	23	19	3	No	463
GMC Sierra	5.3	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	17	24	20	4	No	448
GMC Sierra	5.3	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	22	18	3	No	490
GMC Sierra	5.3	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	22	18	3	No	490
GMC Sierra	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	15	20	17	3	No	525
GMC Sierra	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	15	20	17	3	No	525
GMC Sierra AT4	3	6	Auto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0351	pickup	1	22	26	24	4	No	427
GMC Sierra AT4	3	6	Auto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0351	pickup	1	22	26	24	4	No	427
GMC Sierra AT4	5.3	8	Auto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	21	18	3	No	494
GMC Sierra AT4	5.3	8	Auto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	21	18	3	No	494
GMC Sierra AT4	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	14	18	16	2	No	556
GMC Sierra AT4	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	14	18	16	2	No	556
GMC Sierra AT4	5.3	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	21	18	3	No	486
GMC Sierra AT4	5.3	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	21	18	3	No	486
GMC Sierra AT4	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	15	19	17	3	No	515
GMC Sierra AT4	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	15	19	17	3	No	515
GMC Terrain	1.5	4	Auto-9	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXT01.5090	small SUV	7	26	30	27	6	No	325
GMC Terrain	1.5	4	Auto-9	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXT01.5090	small SUV	7	26	30	27	6	No	325
GMC Terrain	1.5	4	Auto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXT01.5095	small SUV	7	25	28	26	5	No	339
GMC Terrain	1.5	4	Auto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXT01.5095	small SUV	7	25	28	26	5	No	339
GMC Terrain	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	22	28	24	5	No	369
GMC Terrain	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	22	28	24	5	No	369
GMC Terrain	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	21	26	23	5	No	386
GMC Terrain	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	21	26	23	5	No	386
GMC Yukon 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
GMC Yukon 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
GMC Yukon 1500	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
GMC Yukon 1500	5.3	8	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
GMC Yukon 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	16/21	13/17	3	No	491/513
GMC Yukon 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	16/21	13/17	3	No	491/513
GMC Yukon 1500	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	21	17	3	No	525
GMC Yukon 1500	5.3	8	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	21	17	3	No	525

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GMC Yukon 1500	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
GMC Yukon 1500	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
GMC Yukon 1500	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	22	17	3	No	527
GMC Yukon 1500	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	22	17	3	No	527
GMC Yukon 1500 XL	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
GMC Yukon 1500 XL	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
GMC Yukon 1500 XL	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
GMC Yukon 1500 XL	5.3	8	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
GMC Yukon 1500 XL	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/14	15/21	12/16	2	No	513/543
GMC Yukon 1500 XL	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/14	15/21	12/16	2	No	513/543
GMC Yukon 1500 XL	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	14	21	16	2	No	547
GMC Yukon 1500 XL	5.3	8	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	14	21	16	2	No	547
GMC Yukon 1500 XL	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
GMC Yukon 1500 XL	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
GMC Yukon 1500 XL	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	20	16	2	No	557
GMC Yukon 1500 XL	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	20	16	2	No	557
HONDA Accord	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.53EB	large car	7	30	38	33	7	Yes	266
HONDA Accord	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.53EB	large car	7	30	38	33	7	Yes	266
HONDA Accord	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXV01.54DB	large car	6	26	35	30	7	Yes	298
HONDA Accord	1.5	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXV01.54DB	large car	6	26	35	30	7	Yes	298
HONDA Accord	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.53EB	large car	7	29	35	31	7	Yes	282
HONDA Accord	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.53EB	large car	7	29	35	31	7	Yes	282
HONDA Accord	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0BEB	large car	7	48	47	48	10	Elite	185
HONDA Accord	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0BEB	large car	7	48	47	48	10	Elite	185
HONDA Accord	2	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXV02.07DM	large car	6	22	32	26	5	No	344
HONDA Accord	2	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXV02.07DM	large car	6	22	32	26	5	No	344
HONDA Accord	2	4	SemiAuto-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.06EC	large car	7	23	34	27	6	No	330

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
HONDA Accord	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.06EC	large car	7	23	34	27	6	No	330
HONDA Accord 2.0T Sport/Touring	2	4	SemiAuto-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.06EC	midsize car	7	22	32	26	5	No	345
HONDA Accord 2.0T Sport/Touring	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.06EC	midsize car	7	22	32	26	5	No	345
HONDA CR-V	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT01.5YLC	small SUV	6	28	34	30	7	Yes	294
HONDA CR-V	1.5	4	CVT	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT01.5YLC	small SUV	6	28	34	30	7	Yes	294
HONDA CR-V	1.5	4	CVT	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT01.5YLC	small SUV	6	27	32	29	6	No	305
HONDA CR-V	1.5	4	CVT	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT01.5YLC	small SUV	6	27	32	29	6	No	305
HONDA Civic 2Dr	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	small car	7	31	40	35	8	Yes	256
HONDA Civic 2Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	small car	7	31	40	35	8	Yes	256
HONDA Civic 2Dr	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	small car	3	31	40	35	8	No	256
HONDA Civic 2Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	small car	3	31	40	35	8	No	256
HONDA Civic 2Dr	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5TBC	small car	3	26	36	30	7	No	294
HONDA Civic 2Dr	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5TBC	small car	3	26	36	30	7	No	294
HONDA Civic 2Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	small car	7	30	37	33	7	Yes	269
HONDA Civic 2Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	small car	7	30	37	33	7	Yes	269
HONDA Civic 2Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	small car	3	30	37	33	7	No	269
HONDA Civic 2Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	small car	3	30	37	33	7	No	269
HONDA Civic 2Dr	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0CL3	small car	7	30	38	33	7	Yes	264
HONDA Civic 2Dr	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0CL3	small car	7	30	38	33	7	Yes	264
HONDA Civic 2Dr	2	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	small car	3	30	38	33	7	No	264
HONDA Civic 2Dr	2	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	small car	3	30	38	33	7	No	264
HONDA Civic 2Dr	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	small car	3	25	35	29	6	No	304
HONDA Civic 2Dr	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	small car	3	25	35	29	6	No	304
HONDA Civic 2Dr	2	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0CL3	small car	7	29	36	32	7	Yes	280
HONDA Civic 2Dr	2	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0CL3	small car	7	29	36	32	7	Yes	280
HONDA Civic 2Dr	2	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	small car	3	29	36	32	7	No	280
HONDA Civic 2Dr	2	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	small car	3	29	36	32	7	No	280
HONDA Civic 4Dr	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	midsize car	7	32	42	36	8	Yes	248
HONDA Civic 4Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	midsize car	7	32	42	36	8	Yes	248
HONDA Civic 4Dr	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	midsize car	3	32	42	36	8	No	248
HONDA Civic 4Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	midsize car	3	32	42	36	8	No	248
HONDA Civic 4Dr	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5TBC	midsize car	3	26	36	30	7	No	294
HONDA Civic 4Dr	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5TBC	midsize car	3	26	36	30	7	No	294
HONDA Civic 4Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	midsize car	7	30	38	33	7	Yes	266
HONDA Civic 4Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	midsize car	7	30	38	33	7	Yes	266
HONDA Civic 4Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	midsize car	3	30	38	33	7	No	266
HONDA Civic 4Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	midsize car	3	30	38	33	7	No	266
HONDA Civic 4Dr	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0CL3	midsize car	7	30	38	33	7	Yes	268
HONDA Civic 4Dr	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0CL3	midsize car	7	30	38	33	7	Yes	268
HONDA Civic 4Dr	2	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	midsize car	3	30	38	33	7	No	268
HONDA Civic 4Dr	2	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	midsize car	3	30	38	33	7	No	268
HONDA Civic 4Dr	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	midsize car	3	25	36	29	6	No	300

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
HONDA Civic 4Dr	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	midsize car	3	25	36	29	6	No	300
HONDA Civic 4Dr	2	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0CL3	midsize car	7	29	37	32	7	Yes	276
HONDA Civic 4Dr	2	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0CL3	midsize car	7	29	37	32	7	Yes	276
HONDA Civic 4Dr	2	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	midsize car	3	29	37	32	7	No	276
HONDA Civic 4Dr	2	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	midsize car	3	29	37	32	7	No	276
HONDA Civic 5Dr	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	large car	7	31	40	34	8	Yes	259
HONDA Civic 5Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	large car	7	31	40	34	8	Yes	259
HONDA Civic 5Dr	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	large car	3	31	40	34	8	No	259
HONDA Civic 5Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	large car	3	31	40	34	8	No	259
HONDA Civic 5Dr	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	large car	3	29	37	32	7	No	274
HONDA Civic 5Dr	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	large car	3	29	37	32	7	No	274
HONDA Civic 5Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	large car	7	29	35	32	7	Yes	279
HONDA Civic 5Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	large car	7	29	35	32	7	Yes	279
HONDA Civic 5Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	large car	3	29	35	32	7	No	279
HONDA Civic 5Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	large car	3	29	35	32	7	No	279
HONDA Clarity	1.5	4	CVT	2WD	Gasoline/Electricity	CA	L3SULEV20	California LEV-III SULEV20	LHNXV01.5DFB	midsize car	8	44/117	40/102	42/110	10	Elite	57
HONDA Clarity	1.5	4	CVT	2WD	Gasoline/Electricity	FA	T3B20	Federal Tier 3 Bin 20	LHNXV01.5DFB	midsize car	8	44/117	40/102	42/110	10	Elite	57
HONDA Clarity	N/A	N/A	Auto-1	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LHNXV00.0AAH	midsize car	10	68	67	68	10	Elite	0
HONDA Clarity	N/A	N/A	Auto-1	2WD	Hydrogen	CA	ZEV	California ZEV	LHNXV00.0AAH	midsize car	10	68	67	68	10	Elite	0
HONDA Fit	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.5XEB	station wagon	7	33	40	36	8	Yes	246
HONDA Fit	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.5XEB	station wagon	7	33	40	36	8	Yes	246
HONDA Fit	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5FBB	station wagon	3	29	36	31	7	No	286
HONDA Fit	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5FBB	station wagon	3	29	36	31	7	No	286
HONDA Fit	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.5XEB	station wagon	7	31	36	33	7	Yes	267
HONDA Fit	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.5XEB	station wagon	7	31	36	33	7	Yes	267
HONDA HR-V	1.8	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXV01.8ECC	station wagon	5	28	34	30	7	Yes	292
HONDA HR-V	1.8	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXV01.8ECC	station wagon	5	28	34	30	7	Yes	292
HONDA HR-V	1.8	4	CVT	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXV01.8ECC	station wagon	5	27	31	29	6	No	311
HONDA HR-V	1.8	4	CVT	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXV01.8ECC	station wagon	5	27	31	29	6	No	311
HONDA HR-V	1.8	4	SCV-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXV01.8ECC	station wagon	5	28	34	30	7	Yes	292

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
HONDA HR-V	1.8	4	SCV-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXV01.8ECC	station wagon	5	28	34	30	7	Yes	292
HONDA HR-V	1.8	4	SCV-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXV01.8ECC	station wagon	5	26	31	28	6	No	314
HONDA HR-V	1.8	4	SCV-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXV01.8ECC	station wagon	5	26	31	28	6	No	314
HONDA Insight	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.5CEB	midsize car	7	55	49	52	10	Elite	170
HONDA Insight	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.5CEB	midsize car	7	55	49	52	10	Elite	170
HONDA Insight Touring	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.5CEB	midsize car	7	51	45	48	10	Elite	184
HONDA Insight Touring	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.5CEB	midsize car	7	51	45	48	10	Elite	184
HONDA Odyssey	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXT03.5J4C	minivan	5	19	28	22	4	No	394
HONDA Odyssey	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXT03.5J4C	minivan	5	19	28	22	4	No	394
HONDA Passport	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	20	25	22	4	No	407
HONDA Passport	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	20	25	22	4	No	407
HONDA Passport	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	19	24	21	4	No	427
HONDA Passport	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	19	24	21	4	No	427
HONDA Pilot	3.5	6	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	19	27	22	4	No	405
HONDA Pilot	3.5	6	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	19	27	22	4	No	405
HONDA Pilot	3.5	6	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	18	26	21	4	No	421
HONDA Pilot	3.5	6	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	18	26	21	4	No	421
HONDA Pilot	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	20	27	23	5	No	388
HONDA Pilot	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	20	27	23	5	No	388
HONDA Pilot	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	19	26	22	4	No	407
HONDA Pilot	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	19	26	22	4	No	407
HONDA Ridgeline	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXT03.5RSC	pickup	3	19	26	22	4	No	407
HONDA Ridgeline	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXT03.5RSC	pickup	3	19	26	22	4	No	407
HONDA Ridgeline	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXT03.5RSC	pickup	3	19	24	21	4	No	433
HONDA Ridgeline	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXT03.5RSC	pickup	3	19	24	21	4	No	433
HYUNDAI Accent	1.6	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV01.6AB6	small car	3	33	41	36	8	No	248
HYUNDAI Accent	1.6	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV01.6AB6	small car	3	33	41	36	8	No	248
HYUNDAI Accent	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV01.6AB6	small car	3	29	39	33	7	No	273
HYUNDAI Accent	1.6	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV01.6AB6	small car	3	29	39	33	7	No	273
HYUNDAI Elantra	1.4	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV01.4CD6	midsize car	3	33	41	36	8	No	250
HYUNDAI Elantra	1.4	4	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV01.4CD6	midsize car	3	33	41	36	8	No	250
HYUNDAI Elantra	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6CC5	midsize car	5	26	33	29	6	No	310
HYUNDAI Elantra	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6CC5	midsize car	5	26	33	29	6	No	310
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0CE3	midsize car	7	30	40	34	8	Yes	264
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0CE3	midsize car	7	30	40	34	8	Yes	264
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0CE5	midsize car	5	30	40	34	8	Yes	264
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0CE5	midsize car	5	30	40	34	8	Yes	264
HYUNDAI Elantra GT	1.6	4	AMS-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6DC5	large car	5	25	32	28	6	No	322
HYUNDAI Elantra GT	1.6	4	AMS-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6DC5	large car	5	25	32	28	6	No	322
HYUNDAI Elantra GT	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6DC5	large car	5	23	30	26	5	No	352
HYUNDAI Elantra GT	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6DC5	large car	5	23	30	26	5	No	352

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HYUNDAI Elantra GT	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0DF5	large car	5	25	32	27	6	No	327
HYUNDAI Elantra GT	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0DF5	large car	5	25	32	27	6	No	327
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0CE3	midsize car	7	31	41	35	8	Yes	259
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0CE3	midsize car	7	31	41	35	8	Yes	259
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0CE5	midsize car	5	31	41	35	8	Yes	259
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0CE5	midsize car	5	31	41	35	8	Yes	259
HYUNDAI Ioniq	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	large car	7	55	54	55	10	Elite	163
HYUNDAI Ioniq	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	large car	7	55	54	55	10	Elite	163
HYUNDAI Ioniq Blue	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	large car	7	57	59	58	10	Elite	154
HYUNDAI Ioniq Blue	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	large car	7	57	59	58	10	Elite	154
HYUNDAI Ioniq Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0P31	midsize car	10	145	121	133	10	Elite	0
HYUNDAI Ioniq Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LHYXV00.0P31	midsize car	10	145	121	133	10	Elite	0
HYUNDAI Ioniq Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LHYXV01.6P2T	midsize car	7	53/123	52/114	52/119	10	Elite	74
HYUNDAI Ioniq Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LHYXV01.6P2T	midsize car	7	53/123	52/114	52/119	10	Elite	74
HYUNDAI Kona	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6KC5	small SUV	5	28	32	30	7	Yes	303
HYUNDAI Kona	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6KC5	small SUV	5	28	32	30	7	Yes	303
HYUNDAI Kona	1.6	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6KC5	small SUV	5	26	29	27	6	No	324
HYUNDAI Kona	1.6	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6KC5	small SUV	5	26	29	27	6	No	324
HYUNDAI Kona	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0KE5	small SUV	5	27	33	30	7	Yes	300
HYUNDAI Kona	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0KE5	small SUV	5	27	33	30	7	Yes	300
HYUNDAI Kona	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0KE5	small SUV	5	26	30	28	6	No	324
HYUNDAI Kona	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0KE5	small SUV	5	26	30	28	6	No	324
HYUNDAI Kona Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0K31	small SUV	10	132	108	120	10	Elite	0
HYUNDAI Kona Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LHYXV00.0K31	small SUV	10	132	108	120	10	Elite	0
HYUNDAI NEXO	N/A	N/A	Auto-1	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0R41	small SUV	10	59	54	57	10	Elite	0
HYUNDAI NEXO	N/A	N/A	Auto-1	2WD	Hydrogen	CA	ZEV	California ZEV	LHYXV00.0R41	small SUV	10	59	54	57	10	Elite	0
HYUNDAI NEXO Blue	N/A	N/A	Auto-1	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0R41	small SUV	10	65	58	61	10	Elite	0
HYUNDAI NEXO Blue	N/A	N/A	Auto-1	2WD	Hydrogen	CA	ZEV	California ZEV	LHYXV00.0R41	small SUV	10	65	58	61	10	Elite	0
HYUNDAI Palisade	3.8	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXT03.8NL5	standard SUV	5	19	26	22	4	No	406
HYUNDAI Palisade	3.8	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXT03.8NL5	standard SUV	5	19	26	22	4	No	406
HYUNDAI Palisade	3.8	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXT03.8NL5	standard SUV	5	19	24	21	4	No	426
HYUNDAI Palisade	3.8	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXT03.8NL5	standard SUV	5	19	24	21	4	No	426
HYUNDAI Santa Fe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0MG5	small SUV	5	20	27	23	5	No	399
HYUNDAI Santa Fe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0MG5	small SUV	5	20	27	23	5	No	399
HYUNDAI Santa Fe	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0MG5	small SUV	5	20	26	22	4	No	411
HYUNDAI Santa Fe	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0MG5	small SUV	5	20	26	22	4	No	411
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.4MH3	small SUV	7	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.4MH3	small SUV	7	22	29	25	5	No	362

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HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.4MH5	small SUV	5	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.4MH5	small SUV	5	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.4MH5	small SUV	5	21	27	24	5	No	377
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.4MH5	small SUV	5	21	27	24	5	No	377
HYUNDAI Sonata	1.6	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6EC5	large car	5	27	36	31	7	Yes	291
HYUNDAI Sonata	1.6	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6EC5	large car	5	27	36	31	7	Yes	291
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.5ER3	large car	7	27	37	31	7	Yes	293
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.5ER3	large car	7	28	38	32	7	Yes	282
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.5ER3	large car	7	27	37	31	7	Yes	293
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.5ER3	large car	7	28	38	32	7	Yes	282
HYUNDAI Sonata Hybrid	2	4	AMS-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0E13	large car	7	45	51	47	10	Elite	189
HYUNDAI Sonata Hybrid	2	4	AMS-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0E13	large car	7	45	51	47	10	Elite	189
HYUNDAI Sonata Hybrid Blue	2	4	AMS-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0E13	large car	7	50	54	52	10	Elite	172
HYUNDAI Sonata Hybrid Blue	2	4	AMS-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0E13	large car	7	50	54	52	10	Elite	172
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0LF3	small SUV	7	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0LF3	small SUV	7	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0LF5	small SUV	5	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0LF5	small SUV	5	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0LF5	small SUV	5	22	25	23	5	No	385
HYUNDAI Tuscon	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0LF5	small SUV	5	22	25	23	5	No	385
HYUNDAI Tuscon	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.4LH3	small SUV	7	22	28	25	5	No	363
HYUNDAI Tuscon	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.4LH3	small SUV	7	22	28	25	5	No	363
HYUNDAI Tuscon	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.4LH5	small SUV	5	21	26	23	5	No	387
HYUNDAI Tuscon	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.4LH5	small SUV	5	21	26	23	5	No	387
HYUNDAI Veloster	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6BC5	small car	5	28	34	30	7	Yes	296
HYUNDAI Veloster	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6BC5	small car	5	28	34	30	7	Yes	296
HYUNDAI Veloster	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6BC5	small car	5	26	33	29	6	No	308
HYUNDAI Veloster	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6BC5	small car	5	26	33	29	6	No	308
HYUNDAI Veloster	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0BE5	small car	5	25	33	28	6	No	317
HYUNDAI Veloster	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0BE5	small car	5	25	33	28	6	No	317
HYUNDAI Veloster	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0BE5	small car	5	27	34	30	7	Yes	300
HYUNDAI Veloster	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0BE5	small car	5	27	34	30	7	Yes	300
HYUNDAI Veloster N	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV02.0BG6	small car	3	22	29	25	5	No	363
HYUNDAI Veloster N	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV02.0BG6	small car	3	22	29	25	5	No	363
HYUNDAI Venue	1.6	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6SB5	midsize car	5	30	34	32	7	Yes	284
HYUNDAI Venue	1.6	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6SB5	midsize car	5	30	34	32	7	Yes	284
HYUNDAI Venue	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6SB5	midsize car	5	27	35	30	7	Yes	297
HYUNDAI Venue	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6SB5	midsize car	5	27	35	30	7	Yes	297
INFINITI Q50	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	20	29	23	5	No	387
INFINITI Q50	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	20	29	23	5	No	387
INFINITI Q50	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	19	27	22	4	No	407
INFINITI Q50	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	19	27	22	4	No	407

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INFINITI Q50 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	20	26	22	4	No	404
INFINITI Q50 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	20	26	22	4	No	404
INFINITI Q50 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	19	26	22	4	No	405
INFINITI Q50 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	19	26	22	4	No	405
INFINITI Q60	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	19	28	22	4	No	397
INFINITI Q60	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	19	28	22	4	No	397
INFINITI Q60	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	19	27	22	4	No	409
INFINITI Q60	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	19	27	22	4	No	409
INFINITI Q60 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	20	27	22	4	No	405
INFINITI Q60 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	20	27	22	4	No	405
INFINITI Q60 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	19	26	21	4	No	424
INFINITI Q60 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	19	26	21	4	No	424
INFINITI QX50	2	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT02.0PVA	small SUV	5	23	29	26	5	No	346
INFINITI QX50	2	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT02.0PVA	small SUV	5	23	29	26	5	No	346
INFINITI QX50	2	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT02.0PVA	small SUV	5	22	28	25	5	No	365
INFINITI QX50	2	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT02.0PVA	small SUV	5	22	28	25	5	No	365
INFINITI QX60	3.5	6	SCV-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	399
INFINITI QX60	3.5	6	SCV-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	399
INFINITI QX60	3.5	6	SCV-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	19	26	22	4	No	410
INFINITI QX60	3.5	6	SCV-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	19	26	22	4	No	410
INFINITI QX80	5.6	8	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9C	standard SUV	3	14	20	16	2	No	551
INFINITI QX80	5.6	8	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9C	standard SUV	3	14	20	16	2	No	551
INFINITI QX80	5.6	8	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9B	standard SUV	3	13	19	15	2	No	579
INFINITI QX80	5.6	8	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9B	standard SUV	3	13	19	15	2	No	579
JAGUAR E-Pace	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	21	28	24	5	No	371
JAGUAR E-Pace	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	21	28	24	5	No	371
JAGUAR E-Pace P300	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	21	27	23	5	No	379
JAGUAR E-Pace P300	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	21	27	23	5	No	379
JAGUAR F-Pace	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	365
JAGUAR F-Pace	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	365
JAGUAR F-Pace	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small SUV	7	18	23	20	4	No	446
JAGUAR F-Pace	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small SUV	7	18	23	20	4	No	446
JAGUAR F-Pace	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small SUV	3	16	21	18	3	No	488
JAGUAR F-Pace	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small SUV	3	16	21	18	3	No	488
JAGUAR F-Pace 30t	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	373
JAGUAR F-Pace 30t	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	373
JAGUAR F-Type Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
JAGUAR F-Type Convertible	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	JJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type Convertible	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	JJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type Coupe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Coupe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Coupe	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	JJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type Coupe	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	JJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type SVR Convertible	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	JJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type SVR Convertible	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	JJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type SVR Coupe	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	JJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type SVR Coupe	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	JJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR I-PACE	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	JJLXT00.0TZA	small SUV	10	80	72	76	10	Elite	0
JAGUAR I-PACE	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	JJLXT00.0TZA	small SUV	10	80	72	76	10	Elite	0
JAGUAR XE	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ02.0RTX	small car	7	25	34	28	6	No	312
JAGUAR XE	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ02.0RTX	small car	7	25	34	28	6	No	312
JAGUAR XE	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ02.0RTX	small car	7	24	34	28	6	No	321
JAGUAR XE	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ02.0RTX	small car	7	24	34	28	6	No	321
JAGUAR XE 30t	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ02.0RTX	small car	7	24	32	27	6	No	333
JAGUAR XE 30t	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ02.0RTX	small car	7	24	32	27	6	No	333
JAGUAR XE 30t	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ02.0RTX	small car	7	22	30	25	5	No	354
JAGUAR XE 30t	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ02.0RTX	small car	7	22	30	25	5	No	354
JAGUAR XF	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ02.0RTX	midsize car	7	25	34	28	6	No	312
JAGUAR XF	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ02.0RTX	midsize car	7	25	34	28	6	No	312
JAGUAR XF	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ02.0RTX	midsize car	7	23	33	27	6	No	333
JAGUAR XF	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ02.0RTX	midsize car	7	23	33	27	6	No	333
JAGUAR XF	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ03.0FSP	midsize car	7	20	28	23	5	No	390
JAGUAR XF	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ03.0FSP	midsize car	7	20	28	23	5	No	390
JAGUAR XF 30t	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	JJLXJ02.0RTX	midsize car	7	23	31	26	5	No	335
JAGUAR XF 30t	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	JJLXJ02.0RTX	midsize car	7	23	31	26	5	No	335

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
JAGUAR XF 30t	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	midsize car	7	22	31	25	5	No	349
JAGUAR XF 30t	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	midsize car	7	22	31	25	5	No	349
JAGUAR XF Sportbrake	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	station wagon	7	21	28	24	5	No	370
JAGUAR XF Sportbrake	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	station wagon	7	21	28	24	5	No	370
JAGUAR XF Sportbrake	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	station wagon	7	18	25	21	4	No	428
JAGUAR XF Sportbrake	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	station wagon	7	18	25	21	4	No	428
JEEP Cherokee	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	23	31	26	5	No	345
JEEP Cherokee	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	23	31	26	5	No	345
JEEP Cherokee	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	21	29	24	5	No	369
JEEP Cherokee	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	21	29	24	5	No	369
JEEP Cherokee	2.4	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	352
JEEP Cherokee	2.4	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	352
JEEP Cherokee	2.4	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	370
JEEP Cherokee	2.4	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	370
JEEP Cherokee	3.2	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	20	29	23	5	No	387
JEEP Cherokee	3.2	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	20	29	23	5	No	387
JEEP Cherokee	3.2	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	19	27	22	4	No	400
JEEP Cherokee	3.2	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	19	27	22	4	No	400
JEEP Cherokee 4x4 Active Drive II	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	20	27	23	5	No	387
JEEP Cherokee 4x4 Active Drive II	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	20	27	23	5	No	387
JEEP Cherokee 4x4 Active Drive II	3.2	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	18	26	21	4	No	416
JEEP Cherokee 4x4 Active Drive II	3.2	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	18	26	21	4	No	416
JEEP Cherokee Trailhawk	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	20	26	22	4	No	400
JEEP Cherokee Trailhawk	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	20	26	22	4	No	400
JEEP Cherokee Trailhawk	3.2	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	18	24	21	4	No	432
JEEP Cherokee Trailhawk	3.2	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	18	24	21	4	No	432
JEEP Compass	2.4	4	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	350
JEEP Compass	2.4	4	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	350
JEEP Compass	2.4	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	358
JEEP Compass	2.4	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	358
JEEP Compass	2.4	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT02.45P0	small SUV	3	23	32	26	5	No	339
JEEP Compass	2.4	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT02.45P0	small SUV	3	23	32	26	5	No	339
JEEP Compass	2.4	4	Man-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT02.45P0	small SUV	3	22	31	25	5	No	355
JEEP Compass	2.4	4	Man-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT02.45P0	small SUV	3	22	31	25	5	No	355
JEEP Gladiator	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	pickup	5	17	22	19	3	No	466
JEEP Gladiator	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	pickup	5	17	22	19	3	No	466

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JEEP Gladiator	3.6	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	pickup	5	16	23	19	3	No	476
JEEP Gladiator	3.6	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	pickup	5	16	23	19	3	No	476
JEEP Grand Cherokee	3.6	6	Auto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
JEEP Grand Cherokee	3.6	6	Auto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
JEEP Grand Cherokee	3.6	6	Auto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
JEEP Grand Cherokee	3.6	6	Auto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
JEEP Grand Cherokee	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533
JEEP Grand Cherokee	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533
JEEP Grand Cherokee SRT	6.4	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	592
JEEP Grand Cherokee SRT	6.4	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	592
JEEP Grand Cherokee Trackhawk	6.2	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXT06.25P1	standard SUV	1	11	17	13	1	No	664
JEEP Grand Cherokee Trackhawk	6.2	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXT06.25P1	standard SUV	1	11	17	13	1	No	664
JEEP Renegade	1.3	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	24	32	27	6	No	328
JEEP Renegade	1.3	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	24	32	27	6	No	328
JEEP Renegade	1.3	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	23	29	26	5	No	348
JEEP Renegade	1.3	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	23	29	26	5	No	348
JEEP Renegade	2.4	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	357
JEEP Renegade	2.4	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	357
JEEP Renegade	2.4	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	371
JEEP Renegade	2.4	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	371
JEEP Renegade Trailhawk	1.3	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	22	27	24	5	No	370
JEEP Renegade Trailhawk	1.3	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	22	27	24	5	No	370
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P3	small SUV	5	22	24	23	5	No	388
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P3	small SUV	5	22	24	23	5	No	388
JEEP Wrangler	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	18	23	20	4	No	440
JEEP Wrangler	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	18	23	20	4	No	440
JEEP Wrangler	3.6	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	17	25	20	4	No	446
JEEP Wrangler	3.6	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	17	25	20	4	No	446
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P3	small SUV	5	21	22	21	4	No	423
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P3	small SUV	5	21	22	21	4	No	423

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
JEEP Wrangler Unlimited	3	6	Auto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LCRXT03.05PW	small SUV	1	22	29	25	4	No	411
JEEP Wrangler Unlimited	3	6	Auto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LCRXT03.05PW	small SUV	1	22	29	25	4	No	411
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	18	22	20	4	No	451
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	18	22	20	4	No	451
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	small SUV	5	19	22	20	4	No	444
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	small SUV	5	19	22	20	4	No	444
JEEP Wrangler Unlimited	3.6	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	17	23	19	3	No	459
JEEP Wrangler Unlimited	3.6	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	17	23	19	3	No	459
KARMA Revero GT (21-inch wheels)	1.5	3	Auto-1	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LKALV01.5LEV	small car	7	27/71	25/69	26/70	10	Elite	70
KARMA Revero GT (21-inch wheels)	1.5	3	Auto-1	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LKALV01.5LEV	small car	7	27/71	25/69	26/70	10	Elite	70
KIA Cadenza	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3FJ6	large car	3	20	28	23	5	No	385
KIA Cadenza	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3FJ6	large car	3	20	28	23	5	No	385
KIA Forte	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6CC5	midsize car	5	27	35	30	7	Yes	296
KIA Forte	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6CC5	midsize car	5	27	35	30	7	Yes	296
KIA Forte	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6CC5	midsize car	5	25	32	28	6	No	326
KIA Forte	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6CC5	midsize car	5	25	32	28	6	No	326
KIA Forte	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0CE3	midsize car	7	29	40	33	7	Yes	269
KIA Forte	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0CE3	midsize car	7	29	40	33	7	Yes	269
KIA Forte	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0CE5	midsize car	5	29	40	33	7	Yes	269
KIA Forte	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0CE5	midsize car	5	29	40	33	7	Yes	269
KIA Forte	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0CE5	midsize car	5	27	37	31	7	Yes	290
KIA Forte	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0CE5	midsize car	5	27	37	31	7	Yes	290
KIA Forte FE	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0CE5	midsize car	5	31	41	35	8	Yes	256
KIA Forte FE	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0CE5	midsize car	5	31	41	35	8	Yes	256
KIA K900	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3GK6	large car	3	18	25	21	4	No	431
KIA K900	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3GK6	large car	3	18	25	21	4	No	431
KIA Niro	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	station wagon	7	51	46	49	10	Elite	183
KIA Niro	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	station wagon	7	51	46	49	10	Elite	183
KIA Niro Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LKMXV00.0L31	station wagon	10	123	102	112	10	Elite	0
KIA Niro Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LKMXV00.0L31	station wagon	10	123	102	112	10	Elite	0
KIA Niro FE	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	station wagon	7	52	49	50	10	Elite	177
KIA Niro FE	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	station wagon	7	52	49	50	10	Elite	177
KIA Niro Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L2T	station wagon	7	48/110	44/99	46/105	10	Elite	90
KIA Niro Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L2T	station wagon	7	48/110	44/99	46/105	10	Elite	90

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
KIA Niro Touring	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	station wagon	7	46	40	43	9	Yes	207
KIA Niro Touring	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	station wagon	7	46	40	43	9	Yes	207
KIA Optima	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6DC5	large car	5	27	37	31	7	Yes	292
KIA Optima	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6DC5	large car	5	27	37	31	7	Yes	292
KIA Optima	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0DG5	large car	5	21	30	24	5	No	371
KIA Optima	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0DG5	large car	5	21	30	24	5	No	371
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.4DH3	large car	7	24	32	27	6	No	330
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.4DH3	large car	7	24	32	27	6	No	330
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4DH5	large car	5	24	32	27	6	No	330
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4DH5	large car	5	24	32	27	6	No	330
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.4DH3	large car	7	25	35	29	6	No	311
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.4DH3	large car	7	25	35	29	6	No	311
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4DH5	large car	5	25	35	29	6	No	311
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4DH5	large car	5	25	35	29	6	No	311
KIA Optima Hybrid	2	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0D13	midsize car	7	40	45	42	9	Yes	213
KIA Optima Hybrid	2	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0D13	midsize car	7	40	45	42	9	Yes	213
KIA Optima plug-in hybrid	2	4	AutoMan-6	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0D2T	midsize car	7	39/103	44/100	41/101	10	Elite	97
KIA Optima plug-in hybrid	2	4	AutoMan-6	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0D2T	midsize car	7	39/103	44/100	41/101	10	Elite	97
KIA Rio	1.6	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV01.6AB6	small car	3	33	41	36	8	No	249
KIA Rio	1.6	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV01.6AB6	small car	3	33	41	36	8	No	249
KIA Sedona	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT03.3KJ5	minivan	5	18	24	21	4	No	436
KIA Sedona	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT03.3KJ5	minivan	5	18	24	21	4	No	436
KIA Sorento	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4JH5	small SUV	5	22	29	25	5	No	363
KIA Sorento	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4JH5	small SUV	5	22	29	25	5	No	363
KIA Sorento	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4JH5	small SUV	5	21	26	23	5	No	389
KIA Sorento	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4JH5	small SUV	5	21	26	23	5	No	389
KIA Sorento	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV03.3JJ5	small SUV	5	19	26	22	4	No	413
KIA Sorento	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV03.3JJ5	small SUV	5	19	26	22	4	No	413
KIA Sorento	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV03.3JJ5	small SUV	5	18	24	20	4	No	436
KIA Sorento	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV03.3JJ5	small SUV	5	18	24	20	4	No	436
KIA Soul	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6BC5	station wagon	5	27	32	29	6	No	309
KIA Soul	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6BC5	station wagon	5	27	32	29	6	No	309
KIA Soul	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0BE3	station wagon	7	27	33	30	7	Yes	303
KIA Soul	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0BE3	station wagon	7	27	33	30	7	Yes	303
KIA Soul	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0BE5	station wagon	5	25	31	27	6	No	332

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
KIA Soul	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0BE5	station wagon	5	25	31	27	6	No	332
KIA Soul Eco dynamics	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0BE3	station wagon	7	29	35	31	7	Yes	287
KIA Soul Eco dynamics	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0BE3	station wagon	7	29	35	31	7	Yes	287
KIA Soul Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LKMXV00.0B31	station wagon	10	127	101	114	10	Elite	0
KIA Soul Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LKMXV00.0B31	station wagon	10	127	101	114	10	Elite	0
KIA Sportage	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.0HG5	small SUV	5	20	28	23	5	No	392
KIA Sportage	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.0HG5	small SUV	5	20	28	23	5	No	392
KIA Sportage	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.0HG5	small SUV	5	19	24	21	4	No	421
KIA Sportage	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.0HG5	small SUV	5	19	24	21	4	No	421
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXT02.4HH3	small SUV	7	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXT02.4HH3	small SUV	7	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.4HH5	small SUV	5	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.4HH5	small SUV	5	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXT02.4HH3	small SUV	7	22	26	23	5	No	386
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXT02.4HH3	small SUV	7	22	26	23	5	No	386
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.4HH5	small SUV	5	22	26	23	5	No	386
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.4HH5	small SUV	5	22	26	23	5	No	386
KIA Stinger	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV02.0EG6	midsize car	3	22	29	25	5	No	365
KIA Stinger	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV02.0EG6	midsize car	3	22	29	25	5	No	365
KIA Stinger	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV02.0EG6	midsize car	3	21	29	24	5	No	368
KIA Stinger	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV02.0EG6	midsize car	3	21	29	24	5	No	368
KIA Stinger	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	446
KIA Stinger	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	446
KIA Stinger	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	449
KIA Stinger	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	449
KIA Telluride	3.8	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT03.8ML5	small SUV	5	20	26	23	5	No	395
KIA Telluride	3.8	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT03.8ML5	small SUV	5	20	26	23	5	No	395
KIA Telluride	3.8	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT03.8ML5	small SUV	5	19	24	21	4	No	426
KIA Telluride	3.8	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT03.8ML5	small SUV	5	19	24	21	4	No	426
LAMBORGHINI Aventador Coupe	6.5	12	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV06.5LDR	small car	1	9	15	11	1	No	787
LAMBORGHINI Aventador Coupe	6.5	12	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV06.5LDR	small car	1	9	15	11	1	No	787
LAMBORGHINI Aventador Roadster	6.5	12	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV06.5LDR	small car	1	9	15	11	1	No	806
LAMBORGHINI Aventador Roadster	6.5	12	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV06.5LDR	small car	1	9	15	11	1	No	806
LAMBORGHINI Huracan	5.2	10	AMS-7	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan	5.2	10	AMS-7	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
LAMBORGHINI Huracan	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Huracan	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Urus	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT04.0PAA	standard SUV	3	12	17	14	1	No	617
LAMBORGHINI Urus	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT04.0PAA	standard SUV	3	12	17	14	1	No	617
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LJLXT03.0GTR	standard SUV	1	21	26	23	4	No	448
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LJLXT03.0GTR	standard SUV	1	21	26	23	4	No	448
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT03.0FSP	standard SUV	7	16	21	18	3	No	500
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT03.0FSP	standard SUV	7	16	21	18	3	No	500
LAND ROVER Discovery Sport	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	427
LAND ROVER Discovery Sport	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	427
LAND ROVER Discovery Sport MHEV	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	422
LAND ROVER Discovery Sport MHEV	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	422
LAND ROVER Evoque	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	20	27	23	5	No	394
LAND ROVER Evoque	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	20	27	23	5	No	394
LAND ROVER Evoque MHEV	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	21	26	23	5	No	389
LAND ROVER Evoque MHEV	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	21	26	23	5	No	389
LAND ROVER Range Rover	3	6	SemiAuto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover	3	6	SemiAuto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
LAND ROVER Range Rover LWB	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover LWB	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover LWB SVA	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	13	19	15	2	No	587
LAND ROVER Range Rover LWB SVA	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	13	19	15	2	No	587
LAND ROVER Range Rover MHEV	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	415
LAND ROVER Range Rover MHEV	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	415
LAND ROVER Range Rover PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover SVA	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	14	19	16	2	No	569
LAND ROVER Range Rover SVA	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	14	19	16	2	No	569
LAND ROVER Range Rover Sport	3	6	SemiAuto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover Sport	3	6	SemiAuto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover Sport	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	17	22	19	3	No	474
LAND ROVER Range Rover Sport	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	17	22	19	3	No	474
LAND ROVER Range Rover Sport MHEV	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	425
LAND ROVER Range Rover Sport MHEV	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	425
LAND ROVER Range Rover Sport PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover Sport PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover Sport SVR	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	15	20	16	2	No	540
LAND ROVER Range Rover Sport SVR	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	15	20	16	2	No	540
LAND ROVER Range Rover Velar	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	21	27	23	5	No	384

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LAND ROVER Range Rover Velar	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	21	27	23	5	No	384
LAND ROVER Range Rover Velar	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LAND ROVER Range Rover Velar	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LAND ROVER Range Rover Velar	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small SUV	3	15	20	17	3	No	511
LAND ROVER Range Rover Velar	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small SUV	3	15	20	17	3	No	511
LAND ROVER Range Rover Velar P300	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	20	26	22	4	No	399
LAND ROVER Range Rover Velar P300	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	20	26	22	4	No	399
LAND ROVER Range Rover Velar P380	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LAND ROVER Range Rover Velar P380	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LEXUS ES 300h	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
LEXUS ES 300h	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
LEXUS ES 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	346
LEXUS ES 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	346
LEXUS ES 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	352
LEXUS ES 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	352
LEXUS GS 350	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	midsize car	5	19	26	21	4	No	422
LEXUS GS 350	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	midsize car	5	19	26	21	4	No	422
LEXUS GS 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	midsize car	5	20	28	23	5	No	388
LEXUS GS 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	midsize car	5	20	28	23	5	No	388
LEXUS GS 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	midsize car	5	19	27	22	4	No	405
LEXUS GS 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	midsize car	5	19	27	22	4	No	405
LEXUS GS F	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV05.0M5A	small car	5	16	24	19	3	No	472
LEXUS GS F	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV05.0M5A	small car	5	16	24	19	3	No	472
LEXUS GX 460	4.6	8	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT04.6K6W	standard SUV	3	15	19	16	2	No	542
LEXUS GX 460	4.6	8	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT04.6K6W	standard SUV	3	15	19	16	2	No	542
LEXUS IS 300	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS IS 300	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS IS 300	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS IS 300	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS IS 350	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS IS 350	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS IS 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS IS 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388

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LEXUS LC 500	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV05.0M5A	small car	5	16	25	19	3	No	473
LEXUS LC 500	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV05.0M5A	small car	5	16	25	19	3	No	473
LEXUS LC 500h	3.5	6	SCV-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV03.5P35	small car	7	27	35	30	7	Yes	298
LEXUS LC 500h	3.5	6	SCV-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV03.5P35	small car	7	27	35	30	7	Yes	298
LEXUS LS 500	3.4	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV03.5K6A	midsize car	3	19	30	23	5	No	389
LEXUS LS 500	3.4	6	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV03.5K6A	midsize car	3	19	30	23	5	No	389
LEXUS LS 500	3.4	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV03.5K6A	midsize car	3	18	27	21	4	No	420
LEXUS LS 500	3.4	6	SemiAuto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV03.5K6A	midsize car	3	18	27	21	4	No	420
LEXUS LS 500h	3.5	6	SCV-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV03.5P35	midsize car	7	25	33	28	6	No	318
LEXUS LS 500h	3.5	6	SCV-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV03.5P35	midsize car	7	25	33	28	6	No	318
LEXUS LS 500h	3.5	6	SCV-10	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV03.5P35	midsize car	7	23	31	26	5	No	345
LEXUS LS 500h	3.5	6	SCV-10	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV03.5P35	midsize car	7	23	31	26	5	No	345
LEXUS LX 570	5.7	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT05.7K6Y	standard SUV	3	12	16	14	1	No	636
LEXUS LX 570	5.7	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT05.7K6Y	standard SUV	3	12	16	14	1	No	636
LEXUS NX 300	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT02.0K6M	small SUV	3	22	28	25	5	No	358
LEXUS NX 300	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT02.0K6M	small SUV	3	22	28	25	5	No	358
LEXUS NX 300	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT02.0K6M	small SUV	3	22	28	24	5	No	362
LEXUS NX 300	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT02.0K6M	small SUV	3	22	28	24	5	No	362
LEXUS NX 300 F Sport	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT02.0K6M	small SUV	3	22	27	24	5	No	374
LEXUS NX 300 F Sport	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT02.0K6M	small SUV	3	22	27	24	5	No	374
LEXUS NX 300h	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P3M	small SUV	7	33	30	31	7	Yes	285
LEXUS NX 300h	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P3M	small SUV	7	33	30	31	7	Yes	285
LEXUS RC 300	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS RC 300	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS RC 300	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS RC 300	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS RC 350	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS RC 350	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS RC 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS RC 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS RC F	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV05.0M5A	small car	5	16	24	19	3	No	459
LEXUS RC F	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV05.0M5A	small car	5	16	24	19	3	No	459
LEXUS RX 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	391
LEXUS RX 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	391
LEXUS RX 350	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	405
LEXUS RX 350	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	405
LEXUS RX 350 L	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	407
LEXUS RX 350 L	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	407
LEXUS RX 350 L	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	18	25	21	4	No	432
LEXUS RX 350 L	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	18	25	21	4	No	432
LEXUS RX 450h	3.5	6	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT03.5P34	standard SUV	7	31	28	30	7	Yes	297

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
LEXUS RX 450h	3.5	6	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT03.5P34	standard SUV	7	31	28	30	7	Yes	297
LEXUS RX 450h L	3.5	6	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT03.5P3S	standard SUV	7	29	28	29	6	No	305
LEXUS RX 450h L	3.5	6	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT03.5P3S	standard SUV	7	29	28	29	6	No	305
LEXUS UX 200	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4A	midsize car	6	29	37	33	7	Yes	271
LEXUS UX 200	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4A	midsize car	6	29	37	33	7	Yes	271
LEXUS UX 250h	2	4	SCV-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4C	small car	6	43	41	42	9	Yes	209
LEXUS UX 250h	2	4	SCV-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4C	small car	6	43	41	42	9	Yes	209
LEXUS UX 250h	2	4	SCV-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4C	small car	6	41	38	39	9	Yes	225
LEXUS UX 250h	2	4	SCV-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4C	small car	6	41	38	39	9	Yes	225
LINCOLN Aviator	3	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.03U2	standard SUV	5	18	26	21	4	No	424
LINCOLN Aviator	3	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.03U2	standard SUV	5	18	26	21	4	No	424
LINCOLN Aviator	3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.03U2	standard SUV	5	17	24	20	4	No	451
LINCOLN Aviator	3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.03U2	standard SUV	5	17	24	20	4	No	451
LINCOLN Aviator PHEV	3	6	SemiAuto-10	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFMXT03.03P1	standard SUV	7	22/54	25/58	23/56	9	Yes	209
LINCOLN Aviator PHEV	3	6	SemiAuto-10	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LFMXT03.03P1	standard SUV	7	22/54	25/58	23/56	9	Yes	209
LINCOLN Continental	2.7	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.7VLM	large car	5	18	27	21	4	No	424
LINCOLN Continental	2.7	6	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.7VLM	large car	5	18	27	21	4	No	424
LINCOLN Continental	2.7	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.7VLM	large car	5	17	25	20	4	No	452
LINCOLN Continental	2.7	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.7VLM	large car	5	17	25	20	4	No	452
LINCOLN Continental	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	large car	5	16	24	19	3	No	466
LINCOLN Continental	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	large car	5	16	24	19	3	No	466
LINCOLN Continental	3.7	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV03.7VLT	large car	3	17	26	20	4	No	440
LINCOLN Continental	3.7	6	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV03.7VLT	large car	3	17	26	20	4	No	440
LINCOLN Continental	3.7	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV03.7VLT	large car	3	16	24	19	3	No	462
LINCOLN Continental	3.7	6	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV03.7VLT	large car	3	16	24	19	3	No	462
LINCOLN Continental Coach	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	large car	5	16	24	19	3	No	478
LINCOLN Continental Coach	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	large car	5	16	24	19	3	No	478
LINCOLN Corsair	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02Y1	small SUV	5	22	29	25	5	No	361
LINCOLN Corsair	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02Y1	small SUV	5	22	29	25	5	No	361
LINCOLN Corsair	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02Y1	small SUV	5	21	29	24	5	No	369
LINCOLN Corsair	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02Y1	small SUV	5	21	29	24	5	No	369
LINCOLN Corsair	2.3	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.32Z1	small SUV	5	21	28	24	5	No	372
LINCOLN Corsair	2.3	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.32Z1	small SUV	5	21	28	24	5	No	372

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
LINCOLN MKZ	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	20	31	24	5	No	373
LINCOLN MKZ	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	20	31	24	5	No	373
LINCOLN MKZ	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384
LINCOLN MKZ	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384
LINCOLN MKZ	3	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	midsize car	5	18	27	21	4	No	425
LINCOLN MKZ	3	6	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	midsize car	5	18	27	21	4	No	425
LINCOLN MKZ	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	midsize car	5	17	26	20	4	No	447
LINCOLN MKZ	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	midsize car	5	17	26	20	4	No	447
LINCOLN MKZ Hybrid	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZT	midsize car	7	42	39	41	9	Yes	217
LINCOLN MKZ Hybrid	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZT	midsize car	7	42	39	41	9	Yes	217
LINCOLN Nautilus	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	20	25	22	4	No	401
LINCOLN Nautilus	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	20	25	22	4	No	401
LINCOLN Nautilus	2.7	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
LINCOLN Nautilus	2.7	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
LINCOLN Navigator	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	22	19	3	No	478
LINCOLN Navigator	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	22	19	3	No	478
LINCOLN Navigator	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	506
LINCOLN Navigator	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	506
LINCOLN Navigator L	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	501
LINCOLN Navigator L	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	501
LINCOLN Nuatilus	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	21	26	23	5	No	384
LINCOLN Nuatilus	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	21	26	23	5	No	384
LOTUS Evora	3.5	6	Man-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	16	24	19	3	No	468
LOTUS Evora	3.5	6	Man-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	16	24	19	3	No	468
LOTUS Evora	3.5	6	SemiAuto-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	17	24	20	4	No	451
LOTUS Evora	3.5	6	SemiAuto-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	17	24	20	4	No	451
LOTUS Evora GT	3.5	6	Man-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	17	26	20	4	No	441
LOTUS Evora GT	3.5	6	Man-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	17	26	20	4	No	441
LOTUS Evora GT	3.5	6	SemiAuto-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	17	24	20	4	No	438
LOTUS Evora GT	3.5	6	SemiAuto-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	17	24	20	4	No	438
MASERATI Ghibli	3	6	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli	3	6	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli S	3	6	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli S	3	6	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli S Q4	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	midsize car	1	16	24	19	3	No	474
MASERATI Ghibli S Q4	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	midsize car	1	16	24	19	3	No	474
MASERATI Levante	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521

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MASERATI Levante	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante GTS	3.8	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Levante GTS	3.8	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Levante S	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante S	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante Trofeo	3.8	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Levante Trofeo	3.8	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Quattroporte GTS	3.8	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXV03.8DFI	large car	1	15	22	17	3	No	517
MASERATI Quattroporte GTS	3.8	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXV03.8DFI	large car	1	15	22	17	3	No	517
MASERATI Quattroporte S	3	6	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	large car	1	17	24	19	3	No	460
MASERATI Quattroporte S	3	6	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	large car	1	17	24	19	3	No	460
MASERATI Quattroporte S Q4	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	large car	1	16	23	18	3	No	484
MASERATI Quattroporte S Q4	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	large car	1	16	23	18	3	No	484
MAZDA 2	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV01.5FFA	small car	3	30	39	34	8	No	264
MAZDA 2	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV01.5FFA	small car	3	30	39	34	8	No	264
MAZDA 2	1.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV01.5FFA	small car	3	32	40	35	8	No	253
MAZDA 2	1.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV01.5FFA	small car	3	32	40	35	8	No	253
MAZDA 3	2.5	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	25	35	29	6	No	303
MAZDA 3	2.5	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	25	35	29	6	No	303
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	26	35	30	7	Yes	297
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	26	35	30	7	Yes	299
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	27	36	30	7	Yes	295
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	26	35	30	7	Yes	297
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	26	35	30	7	Yes	299
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	27	36	30	7	Yes	295
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	24	32	27	6	No	328
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	25	33	28	6	No	313
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	24	32	27	6	No	328
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	25	33	28	6	No	313
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	26	35	29	6	No	302
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	26	35	29	6	No	302
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.5FFA	midsize car	3	23	31	26	5	No	335
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.5FFA	midsize car	3	23	31	26	5	No	335

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MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	29	34	31	7	No	289
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	29	34	31	7	No	289
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	29	34	31	7	Yes	289
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	29	34	31	7	Yes	289
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	27	32	29	6	No	303
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	27	32	29	6	No	303
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	27	32	29	6	No	303
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	27	32	29	6	No	303
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	313
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	319
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	313
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	319
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	24	31	26	5	No	334
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	25	32	27	6	No	323
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	24	31	26	5	No	334
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	25	32	27	6	No	323
MAZDA CX-5 2WD	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXT02.5CDA	small SUV	7	25	31	28	6	No	322
MAZDA CX-5 2WD	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXT02.5CDA	small SUV	7	25	31	28	6	No	322
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXT02.5CDA	small SUV	7	24	30	26	5	No	335
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXT02.5CDA	small SUV	7	24	30	26	5	No	335
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTKXT02.5EGA	small SUV	5	22	27	24	5	No	370
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTKXT02.5EGA	small SUV	5	22	27	24	5	No	370
MAZDA CX-9	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTKXT02.5EGA	small SUV	5	22	28	24	5	No	363
MAZDA CX-9	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTKXT02.5EGA	small SUV	5	22	28	24	5	No	363
MAZDA CX-9	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTKXT02.5EGA	small SUV	5	20	26	23	5	No	391
MAZDA CX-9	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTKXT02.5EGA	small SUV	5	20	26	23	5	No	391
MAZDA MX-5	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	26	34	29	6	No	305
MAZDA MX-5	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	26	34	29	6	No	305
MAZDA MX-5	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	26	35	30	7	No	299
MAZDA MX-5	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	26	35	30	7	No	299
MERCEDES-BENZ A 220	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U2B	small car	5	24	35	28	6	No	313
MERCEDES-BENZ A 220	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U2B	small car	5	24	35	28	6	No	313
MERCEDES-BENZ A 220 4Matic	2	4	Auto-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U2B	small car	5	24	34	28	6	No	324
MERCEDES-BENZ A 220 4Matic	2	4	Auto-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U2B	small car	5	24	34	28	6	No	324
MERCEDES-BENZ AMG A35 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3A	small car	5	24	31	27	6	No	334
MERCEDES-BENZ AMG A35 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3A	small car	5	24	31	27	6	No	334
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	18	25	21	4	No	423
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	407

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	411
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	18	25	21	4	No	423
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	407
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	411
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG CLA 35 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3A	small car	5	23	29	25	5	No	352
MERCEDES-BENZ AMG CLA 35 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3A	small car	5	23	29	25	5	No	352
MERCEDES-BENZ AMG CLS 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	small car	6	21	27	23	5	No	379
MERCEDES-BENZ AMG CLS 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	small car	6	21	27	23	5	No	379
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	midsize car	6	21	28	24	5	No	370
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	small car	6	20	26	23	5	No	394
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	small car	6	21	28	23	5	No	381
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	midsize car	6	21	28	24	5	No	370
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	small car	6	20	26	23	5	No	394

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	small car	6	21	28	23	5	No	381
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	midsize car	3	15	23	18	3	No	509
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	station wagon	3	16	23	19	3	No	480
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	midsize car	3	15	23	18	3	No	509
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	station wagon	3	16	23	19	3	No	480
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	midsize car	3	15	23	18	3	No	509
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	station wagon	3	16	23	19	3	No	480
MERCEDES-BENZ AMG G63	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXT04.0U2B	standard SUV	3	13	15	14	1	No	637
MERCEDES-BENZ AMG G63	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXT04.0U2B	standard SUV	3	13	15	14	1	No	637
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	431
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	432
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	431
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	432
MERCEDES-BENZ AMG GLC63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GLC63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GLC63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GLC63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GT	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	16	22	18	3	No	488
MERCEDES-BENZ AMG GT	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	16	22	18	3	No	488
MERCEDES-BENZ AMG GT	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	16	22	18	3	No	488
MERCEDES-BENZ AMG GT 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY3	small car	6	19	24	21	4	No	425
MERCEDES-BENZ AMG GT 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY3	small car	6	19	24	21	4	No	425
MERCEDES-BENZ AMG GT 63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV04.0U2B	small car	5	15	20	17	3	No	519

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ AMG GT 63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV04.0U2B	small car	5	15	20	17	3	No	519
MERCEDES-BENZ AMG GT 63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV04.0U2B	small car	5	15	20	17	3	No	521
MERCEDES-BENZ AMG GT 63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV04.0U2B	small car	5	15	20	17	3	No	521
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	15	20	17	3	No	525
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	15	21	17	3	No	506
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	525
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	21	17	3	No	506
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	525
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	21	17	3	No	506
MERCEDES-BENZ AMG GT R	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	15	20	17	3	No	526
MERCEDES-BENZ AMG GT R	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	526
MERCEDES-BENZ AMG GT R	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	526
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	17	26	20	4	No	443
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	15	24	18	3	No	493
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	17	27	20	4	No	437
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	17	26	20	4	No	443
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	15	24	18	3	No	493
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	17	27	20	4	No	437
MERCEDES-BENZ AMG S65	6	12	Auto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV06.0U2A	large car	3	13	22	16	2	No	574
MERCEDES-BENZ AMG S65	6	12	Auto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV06.0U2A	large car	3	13	22	16	2	No	574
MERCEDES-BENZ AMG SLC 43	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	20	29	23	5	No	383
MERCEDES-BENZ AMG SLC 43	3	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	20	29	23	5	No	383
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	373
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	22	31	25	5	No	351
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	24	35	28	6	No	315
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	373
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	22	31	25	5	No	351
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	24	35	28	6	No	315
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	374
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	21	30	25	5	No	360

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	23	33	26	5	No	338
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	374
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	21	30	25	5	No	360
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	23	33	26	5	No	338
MERCEDES-BENZ CLA250	2	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3C	small car	5	25	35	28	6	No	310
MERCEDES-BENZ CLA250	2	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3C	small car	5	25	35	28	6	No	310
MERCEDES-BENZ CLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3C	small car	5	23	33	27	6	No	329
MERCEDES-BENZ CLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3C	small car	5	23	33	27	6	No	329
MERCEDES-BENZ CLS450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY4	small car	6	24	31	26	5	No	334
MERCEDES-BENZ CLS450	3	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY4	small car	6	24	31	26	5	No	334
MERCEDES-BENZ CLS450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY4	small car	6	23	30	26	5	No	343
MERCEDES-BENZ CLS450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY4	small car	6	23	30	26	5	No	343
MERCEDES-BENZ E350	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	midsize car	6	23	32	26	5	No	336
MERCEDES-BENZ E350	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	midsize car	6	23	32	26	5	No	336
MERCEDES-BENZ E350 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	midsize car	6	22	30	25	5	No	354
MERCEDES-BENZ E350 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	midsize car	6	22	30	25	5	No	354
MERCEDES-BENZ E450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	20	28	23	5	No	388
MERCEDES-BENZ E450	3	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	20	28	23	5	No	388
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	midsize car	5	20	28	23	5	No	392
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	409
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	station wagon	5	19	26	22	4	No	408
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	midsize car	5	20	28	23	5	No	392
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	409
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	station wagon	5	19	26	22	4	No	408
MERCEDES-BENZ E450 4Matic Convertible	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	408

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ E450 4Matic Convertible	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	408
MERCEDES-BENZ E450 Convertible	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	20	27	23	5	No	393
MERCEDES-BENZ E450 Convertible	3	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	20	27	23	5	No	393
MERCEDES-BENZ G550	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXT04.0U2A	standard SUV	3	13	17	14	1	No	609
MERCEDES-BENZ G550	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXT04.0U2A	standard SUV	3	13	17	14	1	No	609
MERCEDES-BENZ GLA 250	2	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U2B	small SUV	5	24	34	28	6	No	316
MERCEDES-BENZ GLA 250	2	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U2B	small SUV	5	24	34	28	6	No	316
MERCEDES-BENZ GLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U2B	small SUV	5	22	30	25	5	No	349
MERCEDES-BENZ GLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U2B	small SUV	5	22	30	25	5	No	349
MERCEDES-BENZ GLB 250	2	4	AutoMan-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U3B	small SUV	5	23	30	26	5	No	344
MERCEDES-BENZ GLB 250	2	4	AutoMan-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U3B	small SUV	5	23	30	26	5	No	344
MERCEDES-BENZ GLB 250 4Matic	2	4	AutoMan-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U3B	small SUV	5	23	31	26	5	No	338
MERCEDES-BENZ GLB 250 4Matic	2	4	AutoMan-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U3B	small SUV	5	23	31	26	5	No	338
MERCEDES-BENZ GLC 300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small SUV	6	22	29	24	5	No	366
MERCEDES-BENZ GLC 300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small SUV	6	22	29	24	5	No	366
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	374
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	377
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	374
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	377
MERCEDES-BENZ GLE 580 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT04.0HY1	standard SUV	5	17	21	19	3	No	470
MERCEDES-BENZ GLE 580 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT04.0HY1	standard SUV	5	17	21	19	3	No	470
MERCEDES-BENZ GLE350	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U3A	small SUV	5	20	27	22	4	No	397
MERCEDES-BENZ GLE350	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U3A	small SUV	5	20	27	22	4	No	397
MERCEDES-BENZ GLE350 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U3A	small SUV	5	19	26	22	4	No	404
MERCEDES-BENZ GLE350 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U3A	small SUV	5	19	26	22	4	No	404

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MERCEDES-BENZ GLE450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXT03.0HY1	standard SUV	6	19	24	21	4	No	422
MERCEDES-BENZ GLE450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXT03.0HY1	standard SUV	6	19	24	21	4	No	422
MERCEDES-BENZ GLS 580 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT04.0HY1	standard SUV	5	16	21	18	3	No	487
MERCEDES-BENZ GLS 580 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT04.0HY1	standard SUV	5	16	21	18	3	No	487
MERCEDES-BENZ GLS450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXT03.0HY2	standard SUV	6	19	23	21	4	No	429
MERCEDES-BENZ GLS450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXT03.0HY2	standard SUV	6	19	23	21	4	No	429
MERCEDES-BENZ Maybach S650	6	12	Auto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV06.0U2A	large car	3	13	21	16	2	No	572
MERCEDES-BENZ Maybach S650	6	12	Auto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV06.0U2A	large car	3	13	21	16	2	No	572
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	19	23	21	4	No	427
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	20	24	21	4	No	413
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	405
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	409
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	395
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	398
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	19	23	21	4	No	427
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	20	24	21	4	No	413
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	405
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	409
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	395
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	398
MERCEDES-BENZ S450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0U2A	large car	3	19	28	22	4	No	403
MERCEDES-BENZ S450	3	6	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0U2A	large car	3	19	28	22	4	No	403

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MERCEDES-BENZ S450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0U2A	large car	3	18	28	22	4	No	408
MERCEDES-BENZ S450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0U2A	large car	3	18	28	22	4	No	408
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	430
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	430
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	426
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	426
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560 4Matic Maybach	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	16	25	19	3	No	455
MERCEDES-BENZ S560 4Matic Maybach	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	16	25	19	3	No	455
MERCEDES-BENZ S560 e	3	6	Auto-9	2WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0HY1	large car	3	21/58	26/73	23/64	9	No	205
MERCEDES-BENZ S560 e	3	6	Auto-9	2WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0HY1	large car	3	21/58	26/73	23/64	9	No	205
MERCEDES-BENZ SL450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0U2A	small car	3	20	28	22	4	No	395
MERCEDES-BENZ SL450	3	6	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0U2A	small car	3	20	28	22	4	No	395
MERCEDES-BENZ SL550	4.7	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV05.5U2A	small car	3	17	25	20	4	No	435
MERCEDES-BENZ SL550	4.7	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV05.5U2A	small car	3	17	25	20	4	No	435
MERCEDES-BENZ SLC300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV02.0U2A	small car	3	23	32	27	6	No	332
MERCEDES-BENZ SLC300	2	4	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV02.0U2A	small car	3	23	32	27	6	No	332
MINI Cooper Convertible	1.5	3	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper Convertible	1.5	3	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper Countryman	1.5	3	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	midsize car	7	26	33	29	6	No	307
MINI Cooper Countryman	1.5	3	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	midsize car	7	26	33	29	6	No	307
MINI Cooper Countryman All4	1.5	3	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	midsize car	7	24	33	27	6	No	322
MINI Cooper Countryman All4	1.5	3	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	midsize car	7	24	33	27	6	No	322
MINI Cooper Hardtop	1.5	3	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper Hardtop	1.5	3	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper S Clubman	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	26	34	29	6	No	304
MINI Cooper S Clubman	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	26	34	29	6	No	304
MINI Cooper S Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	23	32	26	5	No	333

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MINI Cooper S Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	23	32	26	5	No	333
MINI Cooper S Convertible	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	26	34	29	6	No	304
MINI Cooper S Convertible	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	26	34	29	6	No	304
MINI Cooper S Countryman	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	24	33	28	6	No	321
MINI Cooper S Countryman	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	24	33	28	6	No	321
MINI Cooper S Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	23	31	26	5	No	341
MINI Cooper S Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	23	31	26	5	No	341
MINI Cooper S Hardtop	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	26	35	30	7	Yes	297
MINI Cooper S Hardtop	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	26	35	30	7	Yes	297
MINI Cooper SE Countryman All4	1.5	3	SemiAuto-6	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LBMXV01.5H60	midsize car	3	29/74	30/72	29/73	10	No	175
MINI Cooper SE Countryman All4	1.5	3	SemiAuto-6	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LBMXV01.5H60	midsize car	3	29/74	30/72	29/73	10	No	175
MINI Cooper SE Hardtop	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LBMXV00.0F5B	small car	10	115	100	108	10	Elite	0
MINI Cooper SE Hardtop	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LBMXV00.0F5B	small car	10	115	100	108	10	Elite	0
MINI JCW Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	343
MINI JCW Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	343
MINI John Cooper Works Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	midsize car	3	23	31	26	5	No	339
MINI John Cooper Works Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	midsize car	3	23	31	26	5	No	339
MINI John Cooper Works Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	25	33	28	6	No	313
MINI John Cooper Works Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	25	33	28	6	No	313
MINI John Cooper Works Hardtop	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	26	34	29	6	No	305
MINI John Cooper Works Hardtop	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	26	34	29	6	No	305
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	338
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	338
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	25	26	25	5	No	347
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	25	26	25	5	No	347
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	26	29	27	6	No	327
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	26	29	27	6	No	327
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	337

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	337
MITSUBISHI Mirage	1.2	3	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	36	43	39	9	Yes	228
MITSUBISHI Mirage	1.2	3	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	36	43	39	9	Yes	228
MITSUBISHI Mirage	1.2	3	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	33	41	36	8	Yes	242
MITSUBISHI Mirage	1.2	3	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	33	41	36	8	Yes	242
MITSUBISHI Mirage G4	1.2	3	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	35	41	37	8	Yes	236
MITSUBISHI Mirage G4	1.2	3	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	35	41	37	8	Yes	236
MITSUBISHI Mirage G4	1.2	3	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	33	40	35	8	Yes	252
MITSUBISHI Mirage G4	1.2	3	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	33	40	35	8	Yes	252
MITSUBISHI Outlander	2.4	4	SCV-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5Y	small SUV	5	25	30	27	6	No	326
MITSUBISHI Outlander	2.4	4	SCV-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5Y	small SUV	5	25	30	27	6	No	326
MITSUBISHI Outlander	2.4	4	SCV-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5Z	small SUV	5	24	29	26	5	No	341
MITSUBISHI Outlander	2.4	4	SCV-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5Z	small SUV	5	24	29	26	5	No	341
MITSUBISHI Outlander	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT03.0G5P	small SUV	5	20	27	22	4	No	402
MITSUBISHI Outlander	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT03.0G5P	small SUV	5	20	27	22	4	No	402
MITSUBISHI Outlander PHEV	2	4	Auto-1	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LMTXT02.0H3M	small SUV	7	25/78	26/70	25/74	10	Elite	174
MITSUBISHI Outlander PHEV	2	4	Auto-1	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LMTXT02.0H3M	small SUV	7	25/78	26/70	25/74	10	Elite	174
MITSUBISHI Outlander Sport	2	4	SCV-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	24	30	27	6	No	331
MITSUBISHI Outlander Sport	2	4	SCV-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	24	30	27	6	No	331
MITSUBISHI Outlander Sport	2	4	SCV-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	23	29	26	5	No	344
MITSUBISHI Outlander Sport	2	4	SCV-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	23	29	26	5	No	344
MITSUBISHI Outlander Sport	2.4	4	SCV-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	23	29	25	5	No	354
MITSUBISHI Outlander Sport	2.4	4	SCV-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	23	29	25	5	No	354
MITSUBISHI Outlander Sport	2.4	4	SCV-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	23	28	25	5	No	353
MITSUBISHI Outlander Sport	2.4	4	SCV-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	23	28	25	5	No	353
NISSAN 370Z	3.7	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.7NAA	small car	3	17	26	20	4	No	445
NISSAN 370Z	3.7	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.7NAA	small car	3	17	26	20	4	No	445
NISSAN 370Z	3.7	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.7NAA	small car	3	19	26	22	4	No	406
NISSAN 370Z	3.7	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.7NAA	small car	3	19	26	22	4	No	406
NISSAN 370Z Roadster	3.7	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.7NAA	small car	3	18	25	21	4	No	429
NISSAN 370Z Roadster	3.7	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.7NAA	small car	3	18	25	21	4	No	429
NISSAN Altima	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	28	39	32	7	Yes	278
NISSAN Altima	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	28	39	32	7	Yes	278

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
NISSAN Altima	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	26	36	30	7	Yes	300
NISSAN Altima	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	26	36	30	7	Yes	300
NISSAN Altima SR/Platinum	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV02.0PVA	midsize car	5	25	34	29	6	No	311
NISSAN Altima SR/Platinum	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV02.0PVA	midsize car	5	25	34	29	6	No	311
NISSAN Altima SR/Platinum	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	27	37	31	7	Yes	288
NISSAN Altima SR/Platinum	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	27	37	31	7	Yes	288
NISSAN Altima SR/Platinum	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	25	35	29	6	No	307
NISSAN Altima SR/Platinum	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	25	35	29	6	No	307
NISSAN Armada	5.6	8	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9C	standard SUV	3	14	19	16	2	No	553
NISSAN Armada	5.6	8	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9C	standard SUV	3	14	19	16	2	No	553
NISSAN Armada	5.6	8	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9C	standard SUV	3	13	18	15	2	No	593
NISSAN Armada	5.6	8	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9C	standard SUV	3	13	18	15	2	No	593
NISSAN GT-R	3.8	6	AMS-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.8NBA	small car	3	16	22	18	3	No	482
NISSAN GT-R	3.8	6	AMS-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.8NBA	small car	3	16	22	18	3	No	482
NISSAN Kicks	1.6	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV01.6RNA	midsize car	7	31	36	33	7	Yes	268
NISSAN Kicks	1.6	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV01.6RNA	midsize car	7	31	36	33	7	Yes	268
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LNSXV0000TL2	midsize car	10	123	99	111	10	Elite	0
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LNSXV0000TL2	midsize car	10	123	99	111	10	Elite	0
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LNSXV0000TS3	midsize car	10	118	97	108	10	Elite	0
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LNSXV0000TS3	midsize car	10	118	97	108	10	Elite	0
NISSAN Leaf SV/SL	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LNSXV0000TS3	midsize car	10	114	94	104	10	Elite	0
NISSAN Leaf SV/SL	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LNSXV0000TS3	midsize car	10	114	94	104	10	Elite	0
NISSAN Maxima	3.5	6	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.5N7B	midsize car	3	20	30	24	5	No	378
NISSAN Maxima	3.5	6	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.5N7B	midsize car	3	20	30	24	5	No	378
NISSAN Murano	3.5	6	SCV-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	386
NISSAN Murano	3.5	6	SCV-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	386
NISSAN Murano	3.5	6	SCV-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	388
NISSAN Murano	3.5	6	SCV-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	388

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NISSAN NV200	2	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT02.0N2A	special purpose	3	24	26	25	5	No	356
NISSAN NV200	2	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT02.0N2A	special purpose	3	24	26	25	5	No	356
NISSAN Pathfinder	3.5	6	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	20	27	23	5	No	392
NISSAN Pathfinder	3.5	6	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	20	27	23	5	No	392
NISSAN Pathfinder	3.5	6	CVT	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	401
NISSAN Pathfinder	3.5	6	CVT	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	401
NISSAN Pathfinder 4WD Platinum	3.5	6	CVT	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT03.5N7B	small SUV	3	19	26	21	4	No	414
NISSAN Pathfinder 4WD Platinum	3.5	6	CVT	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT03.5N7B	small SUV	3	19	26	21	4	No	414
NISSAN Rogue	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXT02.5R5A	small SUV	7	26	33	29	6	No	312
NISSAN Rogue	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXT02.5R5A	small SUV	7	26	33	29	6	No	312
NISSAN Rogue	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXT02.5R5A	small SUV	7	25	32	27	6	No	324
NISSAN Rogue	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXT02.5R5A	small SUV	7	25	32	27	6	No	324
NISSAN Rogue Sport	2	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV02.0PMA	station wagon	5	25	32	28	6	No	317
NISSAN Rogue Sport	2	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV02.0PMA	station wagon	5	25	32	28	6	No	317
NISSAN Rogue Sport	2	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV02.0PMA	station wagon	5	24	30	27	6	No	329
NISSAN Rogue Sport	2	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV02.0PMA	station wagon	5	24	30	27	6	No	329
NISSAN Sentra	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.0RMA	midsize car	7	29	39	33	7	Yes	268
NISSAN Sentra	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.0RMA	midsize car	7	29	39	33	7	Yes	268
NISSAN Sentra SR	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.0RMA	midsize car	7	28	37	32	7	Yes	280
NISSAN Sentra SR	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.0RMA	midsize car	7	28	37	32	7	Yes	280
NISSAN Titan	5.6	8	SemiAuto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT05.6P9A	pickup	5	16	22	18	3	No	490
NISSAN Titan	5.6	8	SemiAuto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT05.6P9A	pickup	5	16	22	18	3	No	490
NISSAN Titan	5.6	8	SemiAuto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT05.6P9A	pickup	5	15	21	18	3	No	514
NISSAN Titan	5.6	8	SemiAuto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT05.6P9A	pickup	5	15	21	18	3	No	514
NISSAN Titan Pro-4X	5.6	8	SemiAuto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT05.6P9A	pickup	5	15	21	17	3	No	524
NISSAN Titan Pro-4X	5.6	8	SemiAuto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT05.6P9A	pickup	5	15	21	17	3	No	524
NISSAN Versa	1.6	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV01.6RNA	small car	7	32	40	35	8	Yes	253
NISSAN Versa	1.6	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV01.6RNA	small car	7	32	40	35	8	Yes	253
NISSAN Versa	1.6	4	Man-5	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV01.6RNA	small car	7	27	35	30	7	Yes	296
NISSAN Versa	1.6	4	Man-5	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV01.6RNA	small car	7	27	35	30	7	Yes	296
PORSCHE 911 Carrera	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	440
PORSCHE 911 Carrera	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	440
PORSCHE 911 Carrera 4	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	442
PORSCHE 911 Carrera 4	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	442
PORSCHE 911 Carrera 4 Cabriolet	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	443

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
PORSCHE 911 Carrera 4 Cabriolet	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	443
PORSCHE 911 Carrera 4S	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S	3	6	Man-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	24	20	4	No	443
PORSCHE 911 Carrera 4S	3	6	Man-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	24	20	4	No	443
PORSCHE 911 Carrera 4S Cabriolet	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S Cabriolet	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S Cabriolet	3	6	Man-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	24	20	4	No	451
PORSCHE 911 Carrera 4S Cabriolet	3	6	Man-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	24	20	4	No	451
PORSCHE 911 Carrera Cabriolet	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	443
PORSCHE 911 Carrera Cabriolet	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	443
PORSCHE 911 Carrera S	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	444
PORSCHE 911 Carrera S	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	444
PORSCHE 911 Carrera S	3	6	Man-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE 911 Carrera S	3	6	Man-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE 911 Carrera S Cabriolet	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	23	20	4	No	444
PORSCHE 911 Carrera S Cabriolet	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	23	20	4	No	444
PORSCHE 911 Carrera S Cabriolet	3	6	Man-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE 911 Carrera S Cabriolet	3	6	Man-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE Cayenne	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	standard SUV	5	19	23	20	4	No	432
PORSCHE Cayenne	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	standard SUV	5	19	23	20	4	No	432
PORSCHE Cayenne S	2.9	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	standard SUV	5	18	22	20	4	No	448
PORSCHE Cayenne S	2.9	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	standard SUV	5	18	22	20	4	No	448
PORSCHE Cayenne Turbo	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXT04.0CV8	standard SUV	3	15	19	17	3	No	529
PORSCHE Cayenne Turbo	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXT04.0CV8	standard SUV	3	15	19	17	3	No	529
PORSCHE Macan	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT02.0MR4	small SUV	5	19	23	21	4	No	426

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PORSCHE Macan	2	4	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT02.0MR4	small SUV	5	19	23	21	4	No	426
PORSCHE Macan S	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	small SUV	5	18	23	20	4	No	438
PORSCHE Macan S	3	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	small SUV	5	18	23	20	4	No	438
PORSCHE Panamera	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	27	22	4	No	401
PORSCHE Panamera	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	27	22	4	No	401
PORSCHE Panamera 4	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4 Executive	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4 Executive	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4 ST	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	26	22	4	No	403
PORSCHE Panamera 4 ST	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	26	22	4	No	403
PORSCHE Panamera 4 e-Hybrid	2.9	6	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV70	California LEV-III ULEV70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid	2.9	6	AMS-8	4WD	Gasoline/Electricity	FA	T3B70	Federal Tier 3 Bin 70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid Executive	2.9	6	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV70	California LEV-III ULEV70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid Executive	2.9	6	AMS-8	4WD	Gasoline/Electricity	FA	T3B70	Federal Tier 3 Bin 70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid ST	2.9	6	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV70	California LEV-III ULEV70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid ST	2.9	6	AMS-8	4WD	Gasoline/Electricity	FA	T3B70	Federal Tier 3 Bin 70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4S	2.9	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S	2.9	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S Executive	2.9	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S Executive	2.9	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S ST	2.9	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	18	24	20	4	No	440
PORSCHE Panamera 4S ST	2.9	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	18	24	20	4	No	440
PORSCHE Panamera GTS	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	16	23	19	3	No	474
PORSCHE Panamera GTS	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	16	23	19	3	No	474
PORSCHE Panamera GTS ST	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	15	22	18	3	No	503
PORSCHE Panamera GTS ST	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	15	22	18	3	No	503
PORSCHE Panamera Turbo	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo Exec	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo Exec	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420

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PORSCHE Panamera Turbo S e-Hybrid	4	8	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid	4	8	AMS-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid Exec	4	8	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid Exec	4	8	AMS-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid ST	4	8	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid ST	4	8	AMS-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo ST	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	18	23	20	4	No	449
PORSCHE Panamera Turbo ST	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	18	23	20	4	No	449
PORSCHE Taycan Turbo	N/A	N/A	Auto-2	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LPRXV00.0EVT	large car	10	68	71	69	10	Elite	0
PORSCHE Taycan Turbo	N/A	N/A	Auto-2	4WD	Electricity	CA	ZEV	California ZEV	LPRXV00.0EVT	large car	10	68	71	69	10	Elite	0
PORSCHE Taycan Turbo S	N/A	N/A	Auto-2	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LPRXV00.0EVT	large car	10	67	68	68	10	Elite	0
PORSCHE Taycan Turbo S	N/A	N/A	Auto-2	4WD	Electricity	CA	ZEV	California ZEV	LPRXV00.0EVT	large car	10	67	68	68	10	Elite	0
RAM 1500	3	6	Auto-8	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LCRXT03.05PW	pickup	1	22	32	26	5	No	390
RAM 1500	3	6	Auto-8	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LCRXT03.05PW	pickup	1	22	32	26	5	No	390
RAM 1500	3	6	Auto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LCRXT03.05PW	pickup	1	21	29	24	4	No	418
RAM 1500	3	6	Auto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LCRXT03.05PW	pickup	1	21	29	24	4	No	418
RAM 1500	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	pickup	5	20	25	22	4	No	407
RAM 1500	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	pickup	5	20	25	22	4	No	407
RAM 1500	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	pickup	5	19	24	21	4	No	418
RAM 1500	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	pickup	5	19	24	21	4	No	418
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P1	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P1	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT05.75P4	pickup	5	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT05.75P4	pickup	5	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P7	pickup	3	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P7	pickup	3	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P8	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P8	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P1	pickup	3	17	22	19	3	No	474
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P1	pickup	3	17	22	19	3	No	474
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT05.75P4	pickup	5	15	21	17	3	No	523
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT05.75P4	pickup	5	15	21	17	3	No	523
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P7	pickup	3	15	21	17	3	No	523
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P7	pickup	3	15	21	17	3	No	523
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P8	pickup	3	17	22	19	3	No	474
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P8	pickup	3	17	22	19	3	No	474

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RAM 1500 Classic	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT03.65P1	pickup	3	17	25	20	4	No	450
RAM 1500 Classic	3.6	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT03.65P1	pickup	3	17	25	20	4	No	450
RAM 1500 Classic	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT03.65P1	pickup	3	16	23	19	3	No	475
RAM 1500 Classic	3.6	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT03.65P1	pickup	3	16	23	19	3	No	475
RAM 1500 Classic	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P2	pickup	3	15	22	17	3	No	513
RAM 1500 Classic	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P2	pickup	3	15	22	17	3	No	513
RAM 1500 Classic	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P2	pickup	3	15	21	17	3	No	526
RAM 1500 Classic	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P2	pickup	3	15	21	17	3	No	526
RAM 1500 HFE	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	pickup	5	20	26	23	5	No	394
RAM 1500 HFE	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	pickup	5	20	26	23	5	No	394
RAM Promaster City	2.4	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	special purpose	6	21	28	24	5	No	374
RAM Promaster City	2.4	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	special purpose	6	21	28	24	5	No	374
ROLLS-ROYCE Cullinan	6.7	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Cullinan	6.7	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Cullinan Black Badge	6.7	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Cullinan Black Badge	6.7	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Dawn	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	small car	3	12	18	14	1	No	637
ROLLS-ROYCE Dawn	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	small car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost EWB	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost EWB	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Phantom	6.7	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Phantom	6.7	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Phantom EWB	6.7	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Phantom EWB	6.7	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Wraith	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	midsize car	3	12	18	14	1	No	624
ROLLS-ROYCE Wraith	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	midsize car	3	12	18	14	1	No	624
ROUSH F150	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH F150	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH F150	5	8	SemiAuto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH F150	5	8	SemiAuto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH Stage 3 Mustang	5	8	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIV05.0VKN	small car	3	13	20	15	2	No	570
ROUSH Stage 3 Mustang	5	8	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIV05.0VKN	small car	3	13	20	15	2	No	570
ROUSH Stage 3 Mustang	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIV05.0VKN	small car	3	12	18	14	1	No	618
ROUSH Stage 3 Mustang	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIV05.0VKN	small car	3	12	18	14	1	No	618

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
SUBARU Ascent	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	standard SUV	3	21	27	23	5	No	386
SUBARU Ascent	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	standard SUV	3	21	27	23	5	No	386
SUBARU Ascent Limited/Touring	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	standard SUV	3	20	26	22	4	No	401
SUBARU Ascent Limited/Touring	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	standard SUV	3	20	26	22	4	No	401
SUBARU BRZ	2	4	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	21	29	24	5	No	372
SUBARU BRZ	2	4	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	21	29	24	5	No	372
SUBARU BRZ	2	4	SemiAuto-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	24	33	27	6	No	322
SUBARU BRZ	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	24	33	27	6	No	322
SUBARU BRZ tS	2	4	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	20	27	23	5	No	384
SUBARU BRZ tS	2	4	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	20	27	23	5	No	384
SUBARU Crosstrek	2	4	Man-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	22	29	25	5	No	355
SUBARU Crosstrek	2	4	Man-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	22	29	25	5	No	355
SUBARU Crosstrek	2	4	SCV-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	27	33	30	7	Yes	298
SUBARU Crosstrek	2	4	SCV-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	27	33	30	7	Yes	298
SUBARU Crosstrek Hybrid	2	4	CVT	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFJXT02.0EVC	small SUV	7	36/99	35/80	35/90	10	Elite	151
SUBARU Crosstrek Hybrid	2	4	CVT	4WD	Gasoline/Electricity	FA	T3B50	Federal Tier 3 Bin 50	LFJXT02.0EVC	small SUV	6	36/99	35/80	35/90	10	Yes	151
SUBARU Forester	2.5	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	26	33	29	6	No	309
SUBARU Forester	2.5	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	26	33	29	6	No	309
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	23	31	26	5	No	337
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	24	31	26	5	No	335
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	23	31	26	5	No	337
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	24	31	26	5	No	335
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	28	36	31	7	Yes	282
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	28	36	31	7	Yes	288
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	28	36	31	7	Yes	282
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	28	36	31	7	Yes	288
SUBARU Impreza 4-Door Sport	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	23	31	26	5	No	337
SUBARU Impreza 4-Door Sport	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	23	31	26	5	No	337
SUBARU Impreza 4-Door Sport	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	27	36	30	7	Yes	291
SUBARU Impreza 4-Door Sport	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	27	36	30	7	Yes	291

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
SUBARU Impreza 5-Door Sport	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	22	30	25	5	No	351
SUBARU Impreza 5-Door Sport	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	22	30	25	5	No	351
SUBARU Impreza 5-Door Sport	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	27	35	30	7	Yes	292
SUBARU Impreza 5-Door Sport	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	27	35	30	7	Yes	292
SUBARU Legacy	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	large car	3	24	32	27	6	No	330
SUBARU Legacy	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	large car	3	24	32	27	6	No	330
SUBARU Legacy	2.5	4	SCV-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	large car	7	27	35	30	7	Yes	295
SUBARU Legacy	2.5	4	SCV-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	large car	6	27	35	30	7	Yes	295
SUBARU Outback AWD	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	small SUV	3	23	30	26	5	No	343
SUBARU Outback AWD	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	small SUV	3	23	30	26	5	No	343
SUBARU Outback AWD	2.5	4	SCV-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	26	33	29	6	No	308
SUBARU Outback AWD	2.5	4	SCV-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	26	33	29	6	No	308
SUBARU WRX	2	4	Man-6	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0FPT	small car	1	21	27	23	5	No	382
SUBARU WRX	2	4	Man-6	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0FPT	small car	1	21	27	23	5	No	382
SUBARU WRX	2	4	SCV-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0FPT	small car	1	18	24	21	4	No	422
SUBARU WRX	2	4	SCV-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0FPT	small car	1	18	24	21	4	No	422
SUBARU WRX	2.5	4	Man-6	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.5JHZ	small car	1	16	22	19	3	No	486
SUBARU WRX	2.5	4	Man-6	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.5JHZ	small car	1	16	22	19	3	No	486
TESLA Model 3 Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range Perform 18"	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range Perform 18"	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range Perform 19"	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	119	112	116	10	Elite	0
TESLA Model 3 Long Range Perform 19"	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	119	112	116	10	Elite	0
TESLA Model 3 Long Range Perform 20"	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	118	107	113	10	Elite	0
TESLA Model 3 Long Range Perform 20"	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	118	107	113	10	Elite	0
TESLA Model 3 Mid Range	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	128	117	123	10	Elite	0
TESLA Model 3 Mid Range	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	128	117	123	10	Elite	0
TESLA Model 3 Standard Range	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	138	124	131	10	Elite	0
TESLA Model 3 Standard Range	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	138	124	131	10	Elite	0
TESLA Model 3 Standard Range Plus	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	148	132	141	10	Elite	0

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TESLA Model 3 Standard Range Plus	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	148	132	141	10	Elite	0
TESLA Model 4 Long Range	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	136	123	130	10	Elite	0
TESLA Model 4 Long Range	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	136	123	130	10	Elite	0
TESLA Model S Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	115	107	111	10	Elite	0
TESLA Model S Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	115	107	111	10	Elite	0
TESLA Model S Performance (19")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	104	104	104	10	Elite	0
TESLA Model S Performance (19")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	104	104	104	10	Elite	0
TESLA Model S Performance (21")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	98	96	97	10	Elite	0
TESLA Model S Performance (21")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	98	96	97	10	Elite	0
TESLA Model S Standard Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	113	105	109	10	Elite	0
TESLA Model S Standard Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	113	105	109	10	Elite	0
TESLA Model X Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	99	93	96	10	Elite	0
TESLA Model X Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	99	93	96	10	Elite	0
TESLA Model X Performance (20")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	90	89	90	10	Elite	0
TESLA Model X Performance (20")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	90	89	90	10	Elite	0
TESLA Model X Performance (22")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	80	77	79	10	Elite	0
TESLA Model X Performance (22")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	80	77	79	10	Elite	0
TESLA Model X Standard Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	105	98	101	10	Elite	0
TESLA Model X Standard Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	105	98	101	10	Elite	0
TESLA Model Y Performance	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2Y	small SUV	10	129	112	121	10	Elite	0
TESLA Model Y Performance	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2Y	small SUV	10	129	112	121	10	Elite	0
TOYOTA 4Runner	4	6	SemiAuto-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	503
TOYOTA 4Runner	4	6	SemiAuto-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	503

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
TOYOTA 4Runner	4	6	SemiAuto-5	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	515
TOYOTA 4Runner	4	6	SemiAuto-5	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	515
TOYOTA 86	2	4	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	21	28	24	5	No	373
TOYOTA 86	2	4	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	21	28	24	5	No	373
TOYOTA 86	2	4	SemiAuto-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	24	32	27	6	No	328
TOYOTA 86	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	24	32	27	6	No	328
TOYOTA Avalon	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Avalon	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Avalon Hybrid	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P33	midsize car	7	43	43	43	9	Yes	203
TOYOTA Avalon Hybrid	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P33	midsize car	7	43	43	43	9	Yes	203
TOYOTA Avalon Hybrid XLE	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
TOYOTA Avalon Hybrid XLE	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
TOYOTA Avalon XLE	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	341
TOYOTA Avalon XLE	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	341
TOYOTA C-HR	2	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV02.0K6B	small car	3	27	31	29	6	No	305
TOYOTA C-HR	2	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV02.0K6B	small car	3	27	31	29	6	No	305
TOYOTA Camry	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P3A	midsize car	7	29	41	34	8	Yes	264
TOYOTA Camry	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P3A	midsize car	7	29	41	34	8	Yes	264
TOYOTA Camry	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	33	26	5	No	338
TOYOTA Camry	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	33	26	5	No	338
TOYOTA Camry Hybrid LE	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P35	midsize car	7	51	53	52	10	Elite	170
TOYOTA Camry Hybrid LE	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P35	midsize car	7	51	53	52	10	Elite	170
TOYOTA Camry Hybrid XLE/SE	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P35	midsize car	7	44	47	46	10	Elite	195
TOYOTA Camry Hybrid XLE/SE	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P35	midsize car	7	44	47	46	10	Elite	195
TOYOTA Camry LE/SE	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P3A	midsize car	7	28	39	32	7	Yes	279
TOYOTA Camry LE/SE	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P3A	midsize car	7	28	39	32	7	Yes	279
TOYOTA Camry TRD	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Camry TRD	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Camry XLE/XSE	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P3A	midsize car	7	27	38	31	7	Yes	284
TOYOTA Camry XLE/XSE	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P3A	midsize car	7	27	38	31	7	Yes	284
TOYOTA Camry XSE	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	345
TOYOTA Camry XSE	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	345
TOYOTA Corolla	1.8	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV01.8M5B	small car	5	30	38	33	7	Yes	267
TOYOTA Corolla	1.8	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV01.8M5B	small car	5	30	38	33	7	Yes	267
TOYOTA Corolla	1.8	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV01.8M5B	small car	5	29	39	33	7	Yes	266
TOYOTA Corolla	1.8	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV01.8M5B	small car	5	29	39	33	7	Yes	266
TOYOTA Corolla	2	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	29	36	32	7	Yes	277
TOYOTA Corolla	2	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	29	36	32	7	Yes	277
TOYOTA Corolla	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	31	40	34	8	Yes	257
TOYOTA Corolla	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	31	40	34	8	Yes	257

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
TOYOTA Corolla Hatchback	2	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	28	37	31	7	Yes	280
TOYOTA Corolla Hatchback	2	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	28	37	31	7	Yes	280
TOYOTA Corolla Hatchback	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	32	41	35	8	Yes	250
TOYOTA Corolla Hatchback	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	32	41	35	8	Yes	250
TOYOTA Corolla Hatchback XSE	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	30	38	33	7	Yes	266
TOYOTA Corolla Hatchback XSE	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	30	38	33	7	Yes	266
TOYOTA Corolla Hybrid	1.8	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P33	small car	7	53	52	52	10	Elite	170
TOYOTA Corolla Hybrid	1.8	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P33	small car	7	53	52	52	10	Elite	170
TOYOTA Corolla XLE	1.8	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV01.8M5B	small car	5	29	37	32	7	Yes	274
TOYOTA Corolla XLE	1.8	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV01.8M5B	small car	5	29	37	32	7	Yes	274
TOYOTA Corolla XSE	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	31	38	34	8	Yes	265
TOYOTA Corolla XSE	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	31	38	34	8	Yes	265
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	20	28	23	5	No	386
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	21	29	24	5	No	372
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	20	28	23	5	No	386
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	21	29	24	5	No	372
TOYOTA Highlander	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	387
TOYOTA Highlander	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	387
TOYOTA Highlander Hybrid	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P34	small SUV	7	36	35	36	8	Yes	245
TOYOTA Highlander Hybrid	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P34	small SUV	7	36	35	36	8	Yes	245
TOYOTA Highlander Hybrid	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P34	standard SUV	7	35	35	35	8	Yes	254
TOYOTA Highlander Hybrid	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P34	standard SUV	7	35	35	35	8	Yes	254
TOYOTA Highlander Hybrid LTD/PLAT	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P34	standard SUV	7	35	34	35	8	Yes	251
TOYOTA Highlander Hybrid LTD/PLAT	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P34	standard SUV	7	35	34	35	8	Yes	251
TOYOTA Land Cruiser	5.7	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT05.7K6Y	standard SUV	3	13	17	14	1	No	618
TOYOTA Land Cruiser	5.7	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT05.7K6Y	standard SUV	3	13	17	14	1	No	618
TOYOTA Mirai	N/A	N/A	CVT	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LTYXV00.0DA7	small car	10	67	67	67	10	Elite	0
TOYOTA Mirai	N/A	N/A	CVT	2WD	Hydrogen	CA	ZEV	California ZEV	LTYXV00.0DA7	small car	10	67	67	67	10	Elite	0
TOYOTA Prius	1.8	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P34	midsize car	7	54	50	52	10	Elite	169
TOYOTA Prius	1.8	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P34	midsize car	7	54	50	52	10	Elite	169
TOYOTA Prius	1.8	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P33	midsize car	7	52	48	50	10	Elite	176
TOYOTA Prius	1.8	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P33	midsize car	7	52	48	50	10	Elite	176
TOYOTA Prius Eco	1.8	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P34	midsize car	7	58	53	56	10	Elite	158
TOYOTA Prius Eco	1.8	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P34	midsize car	7	58	53	56	10	Elite	158
TOYOTA Prius Prime	1.8	4	CVT	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P35	midsize car	7	55/145	53/121	54/133	10	Elite	78

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
TOYOTA Prius Prime	1.8	4	CVT	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P35	midsize car	7	55/145	53/121	54/133	10	Elite	78
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	26	35	30	7	Yes	301
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	28	35	30	7	Yes	290
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	26	35	30	7	Yes	301
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	28	35	30	7	Yes	290
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	25	33	28	6	No	315
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	27	33	29	6	No	301
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	25	33	28	6	No	315
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	27	33	29	6	No	301
TOYOTA RAV4 Hybrid	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P3N	small SUV	7	41	38	40	9	Yes	223
TOYOTA RAV4 Hybrid	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P3N	small SUV	7	41	38	40	9	Yes	223
TOYOTA RAV4 LE	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	27	34	30	7	Yes	296
TOYOTA RAV4 LE	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	27	34	30	7	Yes	296
TOYOTA RAV4 TRD Offroad	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	25	32	27	6	No	321
TOYOTA RAV4 TRD Offroad	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	25	32	27	6	No	321
TOYOTA Sequoia	5.7	8	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	standard SUV	5	13	17	15	2	No	609
TOYOTA Sequoia	5.7	8	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	standard SUV	5	13	17	15	2	No	609
TOYOTA Sequoia	5.7	8	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	standard SUV	5	13	17	14	1	No	618
TOYOTA Sequoia	5.7	8	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	standard SUV	5	13	17	14	1	No	618
TOYOTA Sienna	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	minivan	5	19	26	21	4	No	417
TOYOTA Sienna	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	minivan	5	19	26	21	4	No	417
TOYOTA Sienna	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	minivan	5	18	24	20	4	No	441
TOYOTA Sienna	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	minivan	5	18	24	20	4	No	441
TOYOTA Supra 3.0	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	24	31	26	5	No	334
TOYOTA Supra 3.0	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	24	31	26	5	No	334
TOYOTA Tacoma	2.7	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT02.7M5P	pickup	5	20	23	21	4	No	423
TOYOTA Tacoma	2.7	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT02.7M5P	pickup	5	20	23	21	4	No	423
TOYOTA Tacoma	2.7	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT02.7M5P	pickup	5	19	22	20	4	No	441
TOYOTA Tacoma	2.7	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT02.7M5P	pickup	5	19	22	20	4	No	441
TOYOTA Tacoma	3.5	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	17	21	18	3	No	481
TOYOTA Tacoma	3.5	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	17	21	18	3	No	481
TOYOTA Tacoma	3.5	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	19	24	21	4	No	431
TOYOTA Tacoma	3.5	6	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	19	24	21	4	No	431
TOYOTA Tacoma	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	18	22	20	4	No	448
TOYOTA Tacoma	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	18	22	20	4	No	448
TOYOTA Tacoma D-CAB MT TRD-ORP/PRO	3.5	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	17	20	18	3	No	483
TOYOTA Tacoma D-CAB MT TRD-ORP/PRO	3.5	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	17	20	18	3	No	483

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
TOYOTA Tundra	5.7	8	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	pickup	5	13	18	15	2	No	595
TOYOTA Tundra	5.7	8	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	pickup	5	13	18	15	2	No	595
TOYOTA Tundra	5.7	8	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	pickup	5	13	17	14	1	No	614
TOYOTA Tundra	5.7	8	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	pickup	5	13	17	14	1	No	614
TOYOTA Yaris	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV01.5K6A	small car	3	30	39	34	8	No	264
TOYOTA Yaris	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV01.5K6A	small car	3	30	39	34	8	No	264
TOYOTA Yaris	1.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV01.5K6A	small car	3	32	40	35	8	No	252
TOYOTA Yaris	1.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV01.5K6A	small car	3	32	40	35	8	No	252
VOLKSWAGEN Arteon	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0VAB	station wagon	3	22	29	25	5	No	354
VOLKSWAGEN Arteon	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0VAB	station wagon	3	22	29	25	5	No	354
VOLKSWAGEN Arteon 4Motion	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0VAB	station wagon	3	20	29	23	5	No	377
VOLKSWAGEN Arteon 4Motion	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0VAB	station wagon	3	20	29	23	5	No	377
VOLKSWAGEN Atlas	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0VAA	small SUV	3	20	24	22	4	No	408
VOLKSWAGEN Atlas	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0VAA	small SUV	3	20	24	22	4	No	408
VOLKSWAGEN Atlas	3.6	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.6VAS	small SUV	5	17	23	19	3	No	461
VOLKSWAGEN Atlas	3.6	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.6VAS	small SUV	5	17	23	19	3	No	461
VOLKSWAGEN Atlas 4Motion	3.6	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.6VAS	standard SUV	5	16	22	19	3	No	480
VOLKSWAGEN Atlas 4Motion	3.6	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.6VAS	standard SUV	5	16	22	19	3	No	480
VOLKSWAGEN Atlas Cross Sport	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0VAA	small SUV	3	21	24	22	4	No	401
VOLKSWAGEN Atlas Cross Sport	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0VAA	small SUV	3	21	24	22	4	No	401
VOLKSWAGEN Atlas Cross Sport	3.6	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.6VAS	small SUV	5	17	23	19	3	No	461
VOLKSWAGEN Atlas Cross Sport	3.6	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.6VAS	small SUV	5	17	23	19	3	No	461
VOLKSWAGEN Atlas Cross Sport 4Motion	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0VAA	small SUV	3	18	23	20	4	No	439
VOLKSWAGEN Atlas Cross Sport 4Motion	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0VAA	small SUV	3	18	23	20	4	No	439
VOLKSWAGEN Atlas Cross Sport 4Motion	3.6	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.6VAS	small SUV	5	16	22	19	3	No	480
VOLKSWAGEN Atlas Cross Sport 4Motion	3.6	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.6VAS	small SUV	5	16	22	19	3	No	480
VOLKSWAGEN GTI	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	24	32	27	6	No	327
VOLKSWAGEN GTI	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	24	32	27	6	No	327
VOLKSWAGEN GTI	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	24	32	27	6	No	326
VOLKSWAGEN GTI	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	24	32	27	6	No	326

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
VOLKSWAGEN Golf	1.4	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV01.4V3P	small car	7	28	36	31	7	Yes	285
VOLKSWAGEN Golf	1.4	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV01.4V3P	small car	7	28	36	31	7	Yes	285
VOLKSWAGEN Golf	1.4	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV01.4V3P	small car	7	29	35	32	7	Yes	280
VOLKSWAGEN Golf	1.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV01.4V3P	small car	7	29	35	32	7	Yes	280
VOLKSWAGEN Jetta	1.4	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV01.4V3P	small car	7	30	40	34	8	Yes	262
VOLKSWAGEN Jetta	1.4	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV01.4V3P	small car	7	30	40	34	8	Yes	262
VOLKSWAGEN Jetta	1.4	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV01.4V7P	small car	5	30	40	34	8	Yes	261
VOLKSWAGEN Jetta	1.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV01.4V7P	small car	5	30	40	34	8	Yes	261
VOLKSWAGEN Jetta	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	25	32	28	6	No	315
VOLKSWAGEN Jetta	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	25	32	28	6	No	315
VOLKSWAGEN Jetta	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	25	33	28	6	No	319
VOLKSWAGEN Jetta	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	25	33	28	6	No	319
VOLKSWAGEN Passat	2	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0V3A	midsize car	7	23	34	27	6	No	330
VOLKSWAGEN Passat	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0V3A	midsize car	7	23	34	27	6	No	330
VOLKSWAGEN Tiguan	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0V3A	small SUV	7	22	29	25	5	No	356
VOLKSWAGEN Tiguan	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0V3A	small SUV	7	22	29	25	5	No	356
VOLKSWAGEN Tiguan 4Motion	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0V3A	small SUV	7	20	27	23	5	No	388
VOLKSWAGEN Tiguan 4Motion	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0V3A	small SUV	7	20	27	23	5	No	388
VOLKSWAGEN e-Golf	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LVGAV00.0VZZ	small car	10	122	104	113	10	Elite	0
VOLKSWAGEN e-Golf	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LVGAV00.0VZZ	small car	10	122	104	113	10	Elite	0
VOLVO S60	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small car	5	23	34	27	6	No	322
VOLVO S60	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small car	5	23	34	27	6	No	322
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	small car	7	21	32	25	5	No	352
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	small car	7	21	32	25	5	No	352
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	small car	7	28/70	33/68	30/69	10	Elite	151
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	small car	7	28/70	33/68	30/69	10	Elite	151
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	midsize car	7	21	31	25	5	No	357
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	midsize car	7	21	31	25	5	No	357
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	midsize car	7	28/58	31/64	30/60	10	Elite	159
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	midsize car	7	28/58	31/64	30/60	10	Elite	159
VOLVO V60	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	station wagon	5	23	34	27	6	No	322
VOLVO V60	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	station wagon	5	23	34	27	6	No	322
VOLVO V60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	station wagon	7	28/70	33/68	30/69	10	Elite	151
VOLVO V60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	station wagon	7	28/70	33/68	30/69	10	Elite	151

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
VOLVO V60 CC	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	station wagon	5	22	31	25	5	No	354
VOLVO V60 CC	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	station wagon	5	22	31	25	5	No	354
VOLVO V90	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	station wagon	5	22	33	26	5	No	339
VOLVO V90	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	station wagon	5	22	33	26	5	No	339
VOLVO V90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	station wagon	7	21	31	25	5	No	357
VOLVO V90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	station wagon	7	21	31	25	5	No	357
VOLVO V90 CC	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	station wagon	7	20	30	24	5	No	373
VOLVO V90 CC	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	station wagon	7	20	30	24	5	No	373
VOLVO XC40	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small SUV	5	23	33	27	6	No	331
VOLVO XC40	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	23	33	27	6	No	331
VOLVO XC40	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	22	30	25	5	No	352
VOLVO XC60	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small SUV	5	22	29	24	5	No	362
VOLVO XC60	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	22	29	24	5	No	362
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	small SUV	7	20	27	23	5	No	386
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	small SUV	7	20	27	23	5	No	386
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small SUV	5	20	27	23	5	No	387
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	20	27	23	5	No	387
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	small SUV	7	26/56	28/57	27/57	10	Elite	192
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	small SUV	7	26/56	28/57	27/57	10	Elite	192
VOLVO XC90	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	standard SUV	5	21	30	25	5	No	361
VOLVO XC90	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	standard SUV	5	21	30	25	5	No	361
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	standard SUV	7	18	26	21	4	No	429
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	standard SUV	7	18	26	21	4	No	429
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	standard SUV	5	20	27	23	5	No	387
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	standard SUV	5	20	27	23	5	No	387
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	standard SUV	7	26/58	28/52	27/55	10	Elite	193

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VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	standard SUV	7	26/58	28/52	27/55	10	Elite	193

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Message

From: French, Roberts [french.roberts@epa.gov]
Sent: 3/10/2020 3:05:41 AM
To: Hula, Aaron [Hula.Aaron@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Kochunas, Kathryn [kochunas.kathryn@epa.gov]
CC: Zaremski, Sara [zaremski.sara@epa.gov]; Peavyhouse, Robert [Peavyhouse.Robert@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]; Good, David [good.david@epa.gov]
Subject: Fleet average GHG calculations, with multiplier-based credits manifesto
Attachments: 1_GHG Standards-Fleet Averages-v2.xlsm

All,

I mentioned to Aaron last week that I was cleaning up some of my spreadsheets, and, as part of that, separating them into more discrete and manageable pieces. Plus I am making notes within (mostly as cell comments), and showing as much of the calculations as may be needed to understand them. I am sending this to a number of folks, principally so it is well distributed and not lost somewhere/somehow.

I have attached the first of these spreadsheets, which shows all the calculations that stem from the fleet average CREE and the footprint-based standards. It does not deal with A/C credits, off-cycle credits, N2O and CH4, credit transactions, or credit forfeiture. It also does not recalculate anything in the early credit model years; hopefully the standards and CREE values are stable by now! Literally everything in here could be done with the data already being calculated or stored by EV-CIS. As my calculations have done, this includes the calculation of the fleet average CREE values and the footprint-based standards, for both the Primary and TLAAS programs (taking into account the off-line calculations done by Bob for Mercedes in 2012-2015 as a result of them splitting model types across the Primary and TLAAS fleets).

The blue tabbed sheets are for calculating the standards from the footprint-based data. These standards, which do not currently include the impacts of 2017+ multipliers, should match exactly with EV-CIS current calculations. The first blue tab is simply a numerical representation of the footprint curves, by fleet and year. The second blue tab is the 2012-2018 footprint data. (Note that for purposes of multiplier calculations I have noted three footprint carlines in 2017 and 2018 into which Volvo placed both PHEVs and ICEs. I have had to contact Volvo to determine which footprint the PHEV sales came out of, and I have split these out accordingly. This is an issue that Bob knows about.) You will see calculations of the base standard (no multipliers, rounded to the whole g/mi), as well as calculations of values, rounded and unrounded, that are based on applying the multipliers.

The orange tabs are for calculating the fleet average CREE values. The first orange tab contains the 2012-2018 model type CREE values, and the second orange tab does the fleet average CREE calculations. Like the blue standards tabs, a pivot table is used to sum the appropriate values in the model type data. Also like the standards sheet, this CREE sheet contains rounded and unrounded values, with and without the multipliers included, for use later on in the multiplier credit calculations.

The yellow tab ("Unique Values") deals with some unusual situations, and this worksheet provides inputs that feed into the appropriate other sheets. It includes three things:
1. The alternative compliance schedule for (prior) TLAAS manufacturers, allowing them a slight delay in meeting standards until 2021.
2. Alternative standards for SVMs. These standards have not yet been finalized. If something other than proposed ends up being finalized, just enter the final standards in the table for each of the 4 manufacturers.
3. TLAAS manufacturers that split model types across the Primary and TLAAS standards. The table here simply serves as a lookup table.

The green tab ("Fleet Average Credits") calculates the fleet average megagrams of credits based on the standards and CREE values determined in the preceding worksheets. These calculations are done for four fleets: Primary Car, Primary

Truck, TLAAS Car, TLAAS Truck. The calculations are familiar and easy, but the resulting credit values (Megagrams) becomes one of the most important building blocks for compliance. This green sheet shows the ACTUAL standards and fleet average CREE values; any other representation of these values, such as with multipliers included, or unrounded, are NOT to ever be referred to as the standard or the fleet average CREE.

Finally – and there is just no easy way to do this – are the advanced technology multipliers. ALL of these calculations use standard and fleet average CREE values that are unrounded! The presentation in the worksheet mirrors that in the final tech amendment package that is currently at OMB. Note that I use terminology consistent with the tech amendment package, such as "Sbase" meaning the base standard without multipliers. The process looks like this (done separately for cars and trucks):

1. Calculate Megagrams of credits using unrounded versions of the ACTUAL fleet standard and fleet average CREE values. The result in Mg will be similar to the value in the green tabbed sheet, but, because we took the rounding away in the multiplier sheet, it will not be identical. These are the "Base credits."
2. Calculate Megagrams of credits where EVERY value derived from production volume uses the production volume times the multiplier. Thus there are versions reported of the standard, the average CREE, and production volume, all of which include the multiplier. Subtract the result from the Base Credits determined in Step 1. The result is the "Method 1" credits described in the tech amendments package.
3. Calculate Megagrams of credits where multipliers are applied ONLY in the calculation of a new fleet average CREE value. This is essentially what is currently in the regulations, EXCEPT that the current regulations specify rounded versions of the standard and average CREE, and the tech amendments change this to specify unrounded values. Subtract the result from the Base Credits determined in Step 1. The result is the "Method 2" credits described in the tech amendments package.
4. Determine the maximum of the Method 1 or Method 2 results, and credit the manufacturer with the maximum credits from those two calculations.
5. Repeat all steps for cars and trucks.

Note that there are NO instances where Megagrams are unrounded; they are always rounded to the whole number. However, "Padj", or Production volume adjusted by the multiplier, is, as used in the multiplier credit calculations, to be kept unrounded. Yes, you can have fractional vehicles, but remember that these calculations are ONLY used for one purpose and do not relate to the actual, real-world fleet.

I will be doing something similar with the other credits. I have not included the calculations – yet – or the display of any of the Trends tables or figures. That will come as well, although I may leave it to whomever ends up doing this to aggregate numbers into tables in a way that makes sense to them, and not force anyone down my path, as there are many ways to skin this cat.

Let me know if you have any questions.

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

Message

From: Danzeisen, Karen [Danzeisen.Karen@epa.gov]
Sent: 4/22/2020 4:38:30 PM
To: Hopson, Janet [hopsonjl@ornl.gov]
CC: Richardson, Jacquelyn [flukerjf@ornl.gov]; Kenausis, Kristin [Kenausis.Kristin@epa.gov]; Good, David [good.david@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]
Subject: MY2020 SmartWay/Green Vehicle Guide updated files
Attachments: all_alpha_20 2020-04-20.txt; all_alpha_20 2020-04-20.xlsx; all_alpha_20 2020-04-20.pdf; 2020 EMSN_FE_RANK_DOE 2020-04-20.txt; grand_model 2020-04-20.txt

Hi Janet,

Happy Earth Day from Michigan (where it's snowing a little bit today. I hope you're well and staying safe. Please find attached a set of updated MY2020 GVG/SmartWay downloadable and data files for posting on Fueleconomy.gov at your earliest convenience.

Let me know if you encounter any problems with them.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

Model Year 2020 Green Vehicle Guide

*(Limited to releasable data submitted to EPA on or earlier than 04/20/2020)**

Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
ACURA ILX	2.4	4	AMS-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.4KH3	small car	3	24	34	28	6	No	316
ACURA ILX	2.4	4	AMS-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.4KH3	small car	3	24	34	28	6	No	316
ACURA MDX	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.0ABC	small SUV	3	26	27	27	6	No	333
ACURA MDX	3	6	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.0ABC	small SUV	3	26	27	27	6	No	333
ACURA MDX	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	20	27	23	5	No	387
ACURA MDX	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	20	27	23	5	No	387
ACURA MDX	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	19	26	22	4	No	404
ACURA MDX	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	19	26	22	4	No	404
ACURA MDX A-spec	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	19	25	21	4	No	415
ACURA MDX A-spec	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	19	25	21	4	No	415
ACURA NSX	3.5	6	AMS-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5EBN	small car	3	21	22	21	4	No	420
ACURA NSX	3.5	6	AMS-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5EBN	small car	3	21	22	21	4	No	420
ACURA RDX	2	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT02.08VC	small SUV	6	22	28	24	5	No	370
ACURA RDX	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT02.08VC	small SUV	6	22	28	24	5	No	370
ACURA RDX	2	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT02.08VC	small SUV	6	21	27	23	5	No	385
ACURA RDX	2	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT02.08VC	small SUV	6	21	27	23	5	No	385
ACURA RDX A-SPEC	2	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT02.09VC	small SUV	6	22	27	24	5	No	374
ACURA RDX A-SPEC	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT02.09VC	small SUV	6	22	27	24	5	No	374
ACURA RDX A-SPEC	2	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT02.09VC	small SUV	6	21	26	23	5	No	385
ACURA RDX A-SPEC	2	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT02.09VC	small SUV	6	21	26	23	5	No	385
ACURA RLX	3.5	6	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV03.5FEM	midsize car	7	28	29	28	6	No	316
ACURA RLX	3.5	6	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV03.5FEM	midsize car	7	28	29	28	6	No	316
ACURA RLX	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5MBN	midsize car	3	20	29	23	5	No	383
ACURA RLX	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5MBN	midsize car	3	20	29	23	5	No	383
ACURA TLX	2.4	4	AMS-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.4LBM	small car	3	23	33	27	6	No	330
ACURA TLX	2.4	4	AMS-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.4LBM	small car	3	23	33	27	6	No	330
ACURA TLX	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5HBM	small car	3	20	31	24	5	No	374
ACURA TLX	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5HBM	small car	3	20	31	24	5	No	374
ACURA TLX	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5HBM	small car	3	20	29	23	5	No	384
ACURA TLX	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5HBM	small car	3	20	29	23	5	No	384
ACURA TLX AWD A-SPEC	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5HBM	small car	3	20	29	23	5	No	387
ACURA TLX AWD A-SPEC	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5HBM	small car	3	20	29	23	5	No	387
ACURA TLX FWD A-SPEC	2.4	4	AMS-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.4LBM	small car	3	23	32	26	5	No	336
ACURA TLX FWD A-SPEC	2.4	4	AMS-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.4LBM	small car	3	23	32	26	5	No	336
ACURA TLX FWD A-SPEC	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5HBM	small car	3	20	30	23	5	No	382
ACURA TLX FWD A-SPEC	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5HBM	small car	3	20	30	23	5	No	382
ALFA ROMEO 4C	1.8	4	AutoMan-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV01.85P0	small car	1	24	34	28	6	No	317
ALFA ROMEO 4C	1.8	4	AutoMan-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV01.85P0	small car	1	24	34	28	6	No	317
ALFA ROMEO Giulia	2	4	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.05P2	midsize car	3	24	33	27	6	No	330
ALFA ROMEO Giulia	2	4	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.05P2	midsize car	3	24	33	27	6	No	330
ALFA ROMEO Giulia	2.9	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.95P0	midsize car	3	17	25	20	4	No	436
ALFA ROMEO Giulia	2.9	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.95P0	midsize car	3	17	25	20	4	No	436
ALFA ROMEO Giulia AWD	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.05P2	midsize car	3	23	31	26	5	No	348
ALFA ROMEO Giulia AWD	2	4	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.05P2	midsize car	3	23	31	26	5	No	348
ALFA ROMEO Stelvio	2	4	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.05P2	small SUV	3	22	29	25	5	No	359

*Vehicles may be added throughout the model year. Please check back for updates.

Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
ALFA ROMEO Stelvio	2	4	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.05P2	small SUV	3	22	29	25	5	No	359
ALFA ROMEO Stelvio AWD	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.05P2	small SUV	3	22	28	24	5	No	364
ALFA ROMEO Stelvio AWD	2	4	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.05P2	small SUV	3	22	28	24	5	No	364
ALFA ROMEO Stelvio AWD	2.9	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXJ02.95P0	small SUV	3	17	23	19	3	No	463
ALFA ROMEO Stelvio AWD	2.9	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXJ02.95P0	small SUV	3	17	23	19	3	No	463
ASTON MARTIN DB11	4	8	SemiAuto-8	2WD	Gasoline	CA	L2ULEV125	California LEV-II ULEV125	LASXV04.0AES	small car	3	18	24	20	4	No	431
ASTON MARTIN DB11	4	8	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LASXV04.0AES	small car	3	18	24	20	4	No	431
ASTON MARTIN DB11	5.2	12	SemiAuto-8	2WD	Gasoline	CA	L2ULEV125	California LEV-II ULEV125	LASXV05.2AM5	small car	3	15	22	18	3	No	497
ASTON MARTIN DB11	5.2	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LASXV05.2AM5	small car	3	15	22	18	3	No	497
ASTON MARTIN DBS	5.2	12	SemiAuto-8	2WD	Gasoline	CA	L2ULEV125	California LEV-II ULEV125	LASXV05.2AM5	small car	3	14	22	17	3	No	522
ASTON MARTIN DBS	5.2	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LASXV05.2AM5	small car	3	14	22	17	3	No	522
ASTON MARTIN Vantage	4	8	SemiAuto-8	2WD	Gasoline	CA	L2ULEV125	California LEV-II ULEV125	LASXV04.0AES	small car	3	18	24	20	4	No	435
ASTON MARTIN Vantage	4	8	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LASXV04.0AES	small car	3	18	24	20	4	No	435
AUDI A3	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0A3A	small car	7	27	36	30	7	Yes	293
AUDI A3	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0A3A	small car	7	27	36	30	7	Yes	293
AUDI A3	2	4	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small car	7	22	30	25	5	No	359
AUDI A3	2	4	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small car	7	22	30	25	5	No	359
AUDI A3 Cabriolet	2	4	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small car	7	22	30	25	5	No	359
AUDI A3 Cabriolet	2	4	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small car	7	22	30	25	5	No	359
AUDI A4	2	4	AMS-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV02.0A7B	small car	5	27	35	30	7	Yes	295
AUDI A4	2	4	AMS-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV02.0A7B	small car	5	27	35	30	7	Yes	295
AUDI A4	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	small car	3	24	32	27	6	No	329
AUDI A4	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	small car	3	24	32	27	6	No	329
AUDI A4 allroad quattro	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	station wagon	3	23	31	26	5	No	337
AUDI A4 allroad quattro	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	station wagon	3	23	31	26	5	No	337
AUDI A5	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	small car	3	24	32	27	6	No	329
AUDI A5	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	small car	3	24	32	27	6	No	329
AUDI A5 Cabriolet	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	small car	3	23	31	26	5	No	337
AUDI A5 Cabriolet	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	small car	3	23	31	26	5	No	337
AUDI A5 Sportback quattro	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ02.0AAC	midsize car	3	24	32	27	6	No	329
AUDI A5 Sportback quattro	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ02.0AAC	midsize car	3	24	32	27	6	No	329
AUDI A6	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV02.0A7M	midsize car	5	24	32	27	6	No	329
AUDI A6	2	4	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV02.0A7M	midsize car	5	24	32	27	6	No	329
AUDI A6	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV03.0N7N	midsize car	5	22	29	24	5	No	364
AUDI A6	3	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV03.0N7N	midsize car	5	22	29	24	5	No	364
AUDI A6 Allroad	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV03.0N7N	station wagon	5	20	26	22	4	No	398
AUDI A6 Allroad	3	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV03.0N7N	station wagon	5	20	26	22	4	No	398
AUDI A7	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV03.0N7N	midsize car	5	22	29	24	5	No	364
AUDI A7	3	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV03.0N7N	midsize car	5	22	29	24	5	No	364

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
AUDI A8 L	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV03.0N7R	large car	5	17	26	21	4	No	430
AUDI A8 L	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV03.0N7R	large car	5	17	26	21	4	No	430
AUDI A8 L	3	6	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ03.0NAP	large car	3	21/49	27/61	23/54	9	No	213
AUDI A8 L	3	6	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ03.0NAP	large car	3	21/49	27/61	23/54	9	No	213
AUDI A8 L	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ04.0NAT	large car	3	15	23	18	3	No	495
AUDI A8 L	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ04.0NAT	large car	3	15	23	18	3	No	495
AUDI Q3	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small SUV	7	19	27	22	4	No	399
AUDI Q3	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small SUV	7	19	27	22	4	No	399
AUDI Q5	2	4	AMS-7	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3P	small SUV	7	25/64	29/66	27/65	10	Elite	165
AUDI Q5	2	4	AMS-7	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3P	small SUV	7	25/64	29/66	27/65	10	Elite	165
AUDI Q5	2	4	SemiAuto-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT02.0A7C	small SUV	5	22	28	24	5	No	364
AUDI Q5	2	4	SemiAuto-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT02.0A7C	small SUV	5	22	28	24	5	No	364
AUDI Q7	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0AA7	standard SUV	3	19	23	21	4	No	425
AUDI Q7	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0AA7	standard SUV	3	19	23	21	4	No	425
AUDI Q7	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.0N7M	standard SUV	5	17	21	18	3	No	479
AUDI Q7	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.0N7M	standard SUV	5	17	21	18	3	No	479
AUDI Q8	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT03.0NAM	standard SUV	3	17	21	18	3	No	479
AUDI Q8	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT03.0NAM	standard SUV	3	17	21	18	3	No	479
AUDI R8	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NBE	small car	1	13	20	16	2	No	556
AUDI R8	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NBE	small car	1	13	20	16	2	No	556
AUDI R8 Spyder	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NBE	small car	1	13	20	16	2	No	556
AUDI R8 Spyder	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NBE	small car	1	13	20	16	2	No	556
AUDI RS Q8	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ04.0NAT	standard SUV	3	13	19	15	2	No	579
AUDI RS Q8	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ04.0NAT	standard SUV	3	13	19	15	2	No	579
AUDI RS3	2.5	5	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.5NAG	small car	3	19	28	23	5	No	392
AUDI RS3	2.5	5	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.5NAG	small car	3	19	28	23	5	No	392
AUDI S3	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0AAB	small car	3	22	29	25	5	No	358
AUDI S3	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0AAB	small car	3	22	29	25	5	No	358
AUDI S4	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	small car	5	20	27	23	5	No	393
AUDI S4	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	small car	5	20	27	23	5	No	393
AUDI S5	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	small car	5	20	27	23	5	No	393
AUDI S5	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	small car	5	20	27	23	5	No	393
AUDI S5 Cabriolet	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	small car	5	19	26	22	4	No	405

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
AUDI S5 Cabriolet	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	small car	5	19	26	22	4	No	405
AUDI S5 Sportback	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	midsize car	5	20	27	23	5	No	393
AUDI S5 Sportback	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	midsize car	5	20	27	23	5	No	393
AUDI S6	2.9	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV02.9N7S	midsize car	5	18	28	22	4	No	410
AUDI S6	2.9	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV02.9N7S	midsize car	5	18	28	22	4	No	410
AUDI S7	2.9	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV02.9N7S	midsize car	5	18	28	22	4	No	410
AUDI S7	2.9	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV02.9N7S	midsize car	5	18	28	22	4	No	410
AUDI S8	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAJ04.0NAT	large car	3	13	22	16	2	No	545
AUDI S8	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAJ04.0NAT	large car	3	13	22	16	2	No	545
AUDI SQ5	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAJ03.0N7F	small SUV	5	18	23	20	4	No	444
AUDI SQ5	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAJ03.0N7F	small SUV	5	18	23	20	4	No	444
AUDI SQ7	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT04.0NAV	standard SUV	3	15	21	17	3	No	516
AUDI SQ7	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT04.0NAV	standard SUV	3	15	21	17	3	No	516
AUDI SQ8	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT04.0NAV	standard SUV	3	15	21	17	3	No	518
AUDI SQ8	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT04.0NAV	standard SUV	3	15	21	17	3	No	518
AUDI TT Coupe	2	4	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small car	7	23	31	26	5	No	340
AUDI TT Coupe	2	4	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small car	7	23	31	26	5	No	340
AUDI TT RS	2.5	5	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.5NAG	small car	3	19	29	23	5	No	387
AUDI TT RS	2.5	5	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.5NAG	small car	3	19	29	23	5	No	387
AUDI TT Roadster	2	4	AMS-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0A3T	small car	7	23	31	26	5	No	340
AUDI TT Roadster	2	4	AMS-7	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0A3T	small car	7	23	31	26	5	No	340
AUDI TTS Coupe	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0AAB	small car	3	23	29	25	5	No	354
AUDI TTS Coupe	2	4	AMS-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0AAB	small car	3	23	29	25	5	No	354
AUDI e-tron	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LVGAT00.0AZE	standard SUV	10	78	78	78	10	Elite	0
AUDI e-tron	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LVGAT00.0AZE	standard SUV	10	78	78	78	10	Elite	0
AUDI e-tron Sportback	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LVGAT00.0AZE	standard SUV	10	76	78	77	10	Elite	0
AUDI e-tron Sportback	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LVGAT00.0AZE	standard SUV	10	76	78	77	10	Elite	0
BENTLEY Bentayga	3	6	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LVGAT03.0NAQ	standard SUV	3	17/43	21/49	19/45	8	No	246
BENTLEY Bentayga	3	6	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LVGAT03.0NAQ	standard SUV	3	17/43	21/49	19/45	8	No	246
BENTLEY Bentayga	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT04.0PAA	standard SUV	3	14	23	17	3	No	508
BENTLEY Bentayga	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT04.0PAA	standard SUV	3	14	23	17	3	No	508
BENTLEY Bentayga	6	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT06.0EAR	standard SUV	3	12	17	14	1	No	645

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BENTLEY Bentayga	6	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT06.0EAR	standard SUV	3	12	17	14	1	No	645
BENTLEY Chiron	8	16	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV08.0GLB	small car	1	9	14	11	1	No	840
BENTLEY Chiron	8	16	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV08.0GLB	small car	1	9	14	11	1	No	840
BENTLEY Continental GT	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV04.0PAA	small car	3	16	26	19	3	No	469
BENTLEY Continental GT	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV04.0PAA	small car	3	16	26	19	3	No	469
BENTLEY Continental GT	6	12	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV06.0EAR	small car	3	12	20	15	2	No	586
BENTLEY Continental GT	6	12	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV06.0EAR	small car	3	12	20	15	2	No	586
BENTLEY Continental GT Convertible	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV04.0PAA	small car	3	16	26	19	3	No	469
BENTLEY Continental GT Convertible	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV04.0PAA	small car	3	16	26	19	3	No	469
BENTLEY Continental GT Convertible	6	12	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV06.0EAR	small car	3	12	19	15	2	No	601
BENTLEY Continental GT Convertible	6	12	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV06.0EAR	small car	3	12	19	15	2	No	601
BENTLEY Flying Spur	6	12	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV06.0EAR	midsize car	3	12	19	15	2	No	601
BENTLEY Flying Spur	6	12	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV06.0EAR	midsize car	3	12	19	15	2	No	601
BENTLEY Mulsanne	6.8	8	SemiAuto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV06.8EDP	midsize car	1	10	16	12	1	No	749
BENTLEY Mulsanne	6.8	8	SemiAuto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV06.8EDP	midsize car	1	10	16	12	1	No	749
BMW 228i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	33	27	6	No	330
BMW 228i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	33	27	6	No	330
BMW 230i Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 230i Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 230i Coupe	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	32	25	5	No	356
BMW 230i Coupe	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	32	25	5	No	356
BMW 230i Coupe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	24	32	27	6	No	324
BMW 230i Coupe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	24	32	27	6	No	324
BMW 230i xDrive Convertible	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 230i xDrive Convertible	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 230i xDrive Coupe	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 230i xDrive Coupe	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 330i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	26	36	30	7	Yes	299
BMW 330i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	26	36	30	7	Yes	299
BMW 330i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	25	34	28	6	No	313
BMW 330i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	25	34	28	6	No	313
BMW 430i Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Convertible	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	22	32	26	5	No	344
BMW 430i Convertible	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	22	32	26	5	No	344
BMW 430i Coupe	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	33	25	5	No	351
BMW 430i Coupe	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	33	25	5	No	351
BMW 430i Coupe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW 430i Coupe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Coupe	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 430i Coupe	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 430i Gran Coupe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Gran Coupe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	23	34	27	6	No	327
BMW 430i Gran Coupe	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 430i Gran Coupe	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	21	31	24	5	No	361
BMW 440i Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	29	24	5	No	361
BMW 440i Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	29	24	5	No	361
BMW 440i Convertible	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	20	28	23	5	No	394
BMW 440i Convertible	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	20	28	23	5	No	394
BMW 440i Coupe	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	19	27	22	4	No	408
BMW 440i Coupe	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	19	27	22	4	No	408
BMW 440i Coupe	3	6	Man-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	18	28	21	4	No	412
BMW 440i Coupe	3	6	Man-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	18	28	21	4	No	412
BMW 440i Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	30	25	5	No	353
BMW 440i Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	30	25	5	No	353
BMW 440i Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	30	25	5	No	356
BMW 440i Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	30	25	5	No	356
BMW 440i Gran Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	30	25	5	No	353
BMW 440i Gran Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	30	25	5	No	353
BMW 440i Gran Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0B58	small car	3	22	30	25	5	No	356
BMW 440i Gran Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0B58	small car	3	22	30	25	5	No	356
BMW 530e	2	4	SemiAuto-8	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0H30	small car	7	25/65	31/75	27/69	10	Elite	170
BMW 530e	2	4	SemiAuto-8	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0H30	small car	7	25/65	31/75	27/69	10	Elite	170
BMW 530e	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0H30	small car	7	23/62	29/68	25/65	10	Elite	193
BMW 530e	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0H30	small car	7	23/62	29/68	25/65	10	Elite	193
BMW 530i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	25	33	28	6	No	316
BMW 530i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	25	33	28	6	No	316
BMW 530i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	24	31	27	6	No	332
BMW 530i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	24	31	27	6	No	332
BMW 540i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	midsize car	5	22	30	25	5	No	350
BMW 540i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	midsize car	5	22	30	25	5	No	350
BMW 540i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	midsize car	5	22	29	25	5	No	359
BMW 540i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	midsize car	5	22	29	25	5	No	359
BMW 740i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	large car	3	22	29	24	5	No	361
BMW 740i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	large car	3	22	29	24	5	No	361
BMW 740i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	large car	3	20	28	23	5	No	394
BMW 740i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	large car	3	20	28	23	5	No	394
BMW 745e	3	6	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0H58	large car	3	19/52	26/61	22/56	8	No	245

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Model Year 2020 Green Vehicle Guide

*(Limited to releasable data submitted to EPA on or earlier than 04/20/2020)**

Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW 745e	3	6	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0H58	large car	3	19/52	26/61	22/56	8	No	245
BMW 750i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	large car	3	17	25	20	4	No	449
BMW 750i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	large car	3	17	25	20	4	No	449
BMW 840i Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	29	24	5	No	361
BMW 840i Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	29	24	5	No	361
BMW 840i Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	23	30	25	5	No	347
BMW 840i Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	23	30	25	5	No	347
BMW 840i Gran Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	midsize car	3	22	29	24	5	No	361
BMW 840i Gran Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	midsize car	3	22	29	24	5	No	361
BMW 840i xDrive Convertible	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	20	27	23	5	No	388
BMW 840i xDrive Convertible	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	20	27	23	5	No	388
BMW 840i xDrive Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	21	27	23	5	No	380
BMW 840i xDrive Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	21	27	23	5	No	380
BMW 840i xDrive Gran Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	midsize car	3	20	27	23	5	No	388
BMW 840i xDrive Gran Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	midsize car	3	20	27	23	5	No	388
BMW Alpina B7	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	large car	3	17	25	20	4	No	450
BMW Alpina B7	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	large car	3	17	25	20	4	No	450
BMW M2 CS Coupe	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	16	23	19	3	No	469
BMW M2 CS Coupe	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	16	23	19	3	No	469
BMW M2 CS Coupe	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	24	20	4	No	452
BMW M2 CS Coupe	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	24	20	4	No	452
BMW M2 Competition	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M2 Competition	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M2 Competition	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M2 Competition	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M235i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	small car	3	23	32	26	5	No	335
BMW M235i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	small car	3	23	32	26	5	No	335
BMW M240i Convertible	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Convertible	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Convertible	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M240i Convertible	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M240i Coupe	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Coupe	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M240i Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW M240i Coupe M Performance	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Coupe M Performance	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	19	27	22	4	No	408
BMW M240i Coupe M Performance	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Coupe M Performance	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	353
BMW M240i Coupe M Performance	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M240i Coupe M Performance	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	22	30	25	5	No	356
BMW M340i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small car	5	22	30	25	5	No	353
BMW M340i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small car	5	22	30	25	5	No	353
BMW M340i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small car	5	22	30	25	5	No	356
BMW M340i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small car	5	22	30	25	5	No	356
BMW M4 CS	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 CS	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 Convertible	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	16	22	19	3	No	481
BMW M4 Convertible	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	16	22	19	3	No	481
BMW M4 Convertible	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	25	20	4	No	450
BMW M4 Convertible	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	25	20	4	No	450
BMW M4 Convertible Competition	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	16	22	19	3	No	481
BMW M4 Convertible Competition	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	16	22	19	3	No	481
BMW M4 Convertible Competition	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	25	20	4	No	450
BMW M4 Convertible Competition	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	25	20	4	No	450
BMW M4 Coupe	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 Coupe	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 Coupe	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M4 Coupe	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M4 Coupe Competition	3	6	AMS-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 Coupe Competition	3	6	AMS-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	17	23	19	3	No	471
BMW M4 Coupe Competition	3	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M4 Coupe Competition	3	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV03.0S55	small car	3	18	25	20	4	No	440
BMW M5	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M5	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M5 Competition	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW M5 Competition	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M550i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	midsize car	3	18	25	20	4	No	435
BMW M550i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	midsize car	3	18	25	20	4	No	435
BMW M760i xDrive	6.6	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV06.6N74	large car	3	13	20	16	2	No	570
BMW M760i xDrive	6.6	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV06.6N74	large car	3	13	20	16	2	No	570
BMW M8 Competition Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Competition Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Competition Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Competition Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Competition Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M8 Competition Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M8 Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	small car	3	15	21	17	3	No	518
BMW M8 Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M8 Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	midsize car	3	15	21	17	3	No	518
BMW M850i xDrive	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	small car	3	18	25	20	4	No	435
BMW M850i xDrive	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	small car	3	18	25	20	4	No	435
BMW M850i xDrive Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	small car	3	17	25	20	4	No	450
BMW M850i xDrive Convertible	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	small car	3	17	25	20	4	No	450
BMW M850i xDrive Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	midsize car	3	17	25	20	4	No	450
BMW M850i xDrive Gran Coupe	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	midsize car	3	17	25	20	4	No	450
BMW X1 sDrive28i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	large car	7	24	33	27	6	No	327
BMW X1 sDrive28i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	large car	7	24	33	27	6	No	327
BMW X1 xDrive28i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	large car	7	23	31	26	5	No	342
BMW X1 xDrive28i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	large car	7	23	31	26	5	No	342
BMW X2 M35i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	338
BMW X2 M35i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	338
BMW X2 sDrive28i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	24	32	27	6	No	330
BMW X2 sDrive28i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	24	32	27	6	No	330
BMW X2 xDrive28i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	24	31	27	6	No	332
BMW X2 xDrive28i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	24	31	27	6	No	332
BMW X3 M	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X3 M	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW X3 M Competition	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X3 M Competition	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X3 M40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small SUV	5	21	27	23	5	No	379
BMW X3 M40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small SUV	5	21	27	23	5	No	379
BMW X3 sDrive30i	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small SUV	7	25	29	27	6	No	332
BMW X3 sDrive30i	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small SUV	7	25	29	27	6	No	332
BMW X3 xDrive30e	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0H30	small SUV	7	21/59	27/61	24/60	9	Yes	204
BMW X3 xDrive30e	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0H30	small SUV	7	21/59	27/61	24/60	9	Yes	204
BMW X3 xDrive30i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small SUV	7	24	29	26	5	No	345
BMW X3 xDrive30i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small SUV	7	24	29	26	5	No	345
BMW X4 M	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X4 M	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X4 M Competition	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X4 M Competition	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXT03.0S58	small SUV	3	14	19	16	2	No	546
BMW X4 M40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small SUV	5	21	27	23	5	No	379
BMW X4 M40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small SUV	5	21	27	23	5	No	379
BMW X4 xDrive30i	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small SUV	7	23	28	25	5	No	356
BMW X4 xDrive30i	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small SUV	7	23	28	25	5	No	356
BMW X5 M	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X5 M	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X5 M Competition	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X5 M Competition	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X5 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X5 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X5 sDrive40i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	21	26	23	5	No	390
BMW X5 sDrive40i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	21	26	23	5	No	390
BMW X5 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	20	26	22	4	No	396
BMW X5 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	20	26	22	4	No	396
BMW X5 xDrive50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X5 xDrive50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW X6 M	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X6 M	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X6 M Competition	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X6 M Competition	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4SM5	standard SUV	3	13	18	15	2	No	582
BMW X6 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X6 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	16	22	18	3	No	487
BMW X6 sDrive40i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	21	26	23	5	No	390
BMW X6 sDrive40i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	21	26	23	5	No	390
BMW X6 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	20	26	22	4	No	396
BMW X6 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	20	26	22	4	No	396
BMW X7 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	15	21	17	3	No	511
BMW X7 M50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	15	21	17	3	No	511
BMW X7 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	standard SUV	3	20	25	22	4	No	409
BMW X7 xDrive40i	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	standard SUV	3	20	25	22	4	No	409
BMW X7 xDrive50i	4.4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ04.4N63	standard SUV	3	15	21	17	3	No	511
BMW X7 xDrive50i	4.4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ04.4N63	standard SUV	3	15	21	17	3	No	511
BMW Z4	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	small car	7	24	32	27	6	No	324
BMW Z4	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	small car	7	24	32	27	6	No	324
BMW Z4 M40i	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LBMXJ03.0B5X	small car	5	24	31	26	5	No	334
BMW Z4 M40i	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LBMXJ03.0B5X	small car	5	24	31	26	5	No	334
BMW i3	.6	2	Auto-1	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LBMXV00.6I3R	small car	7	30/107	31/93	31/100	10	Elite	22
BMW i3	.6	2	Auto-1	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LBMXV00.6I3R	small car	7	30/107	31/93	31/100	10	Elite	22
BMW i3	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LBMXV00.0I3B	small car	10	124	102	113	10	Elite	0
BMW i3	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LBMXV00.0I3B	small car	10	124	102	113	10	Elite	0
BMW i3s	.6	2	Auto-1	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LBMXV00.6I3R	small car	7	30/107	31/93	31/100	10	Elite	22

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BMW i3s	.6	2	Auto-1	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LBMXV00.6I3R	small car	7	30/107	31/93	31/100	10	Elite	22
BMW i3s	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LBMXV00.0I3B	small car	10	124	102	113	10	Elite	0
BMW i3s	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LBMXV00.0I3B	small car	10	124	102	113	10	Elite	0
BMW i8 Coupe	1.5	3	Auto-6	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LBMXV01.5I8P	small car	3	26/68	29/70	27/69	10	No	191
BMW i8 Coupe	1.5	3	Auto-6	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LBMXV01.5I8P	small car	3	26/68	29/70	27/69	10	No	191
BMW i8 Roadster	1.5	3	Auto-6	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LBMXV01.5I8P	small car	3	26/68	29/70	27/69	10	No	191
BMW i8 Roadster	1.5	3	Auto-6	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LBMXV01.5I8P	small car	3	26/68	29/70	27/69	10	No	191
BUICK Enclave	3.6	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	18	26	21	4	No	420
BUICK Enclave	3.6	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	18	26	21	4	No	420
BUICK Enclave	3.6	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	17	25	20	4	No	443
BUICK Enclave	3.6	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	17	25	20	4	No	443
BUICK Encore	1.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small SUV	5	25	30	27	6	No	329
BUICK Encore	1.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small SUV	5	25	30	27	6	No	329
BUICK Encore	1.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small SUV	5	24	29	26	5	No	344
BUICK Encore	1.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small SUV	5	24	29	26	5	No	344
BUICK Encore GX	1.2	3	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV01.3545	small SUV	7	26	30	28	6	No	318
BUICK Encore GX	1.2	3	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV01.3545	small SUV	7	26	30	28	6	No	318
BUICK Encore GX	1.3	3	Auto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV01.3545	small SUV	7	26	29	28	6	No	320
BUICK Encore GX	1.3	3	Auto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV01.3545	small SUV	7	26	29	28	6	No	320
BUICK Encore GX	1.3	3	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV01.3545	small SUV	7	30	32	31	7	Yes	288
BUICK Encore GX	1.3	3	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV01.3545	small SUV	7	30	32	31	7	Yes	288
BUICK Envision	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	20	25	22	4	No	402
BUICK Envision	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	20	25	22	4	No	402
BUICK Envision	2.5	4	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	small SUV	5	22	29	25	5	No	359
BUICK Envision	2.5	4	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	small SUV	5	22	29	25	5	No	359
BUICK Envision	2.5	4	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	small SUV	5	21	27	24	5	No	377
BUICK Envision	2.5	4	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	small SUV	5	21	27	24	5	No	377
BUICK Regal	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	midsize car	5	21	29	24	5	No	365
BUICK Regal	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	midsize car	5	21	29	24	5	No	365
BUICK Regal	2	4	SemiAuto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	midsize car	5	22	32	26	5	No	343
BUICK Regal	2	4	SemiAuto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	midsize car	5	22	32	26	5	No	343
BUICK Regal	3.6	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV03.6165	midsize car	6	19	27	22	4	No	411
BUICK Regal	3.6	6	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV03.6165	midsize car	6	19	27	22	4	No	411
BUICK Regal Tour X	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	station wagon	5	21	29	24	5	No	365

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
BUICK Regal Tour X	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	station wagon	5	21	29	24	5	No	365
BYD e6	N/A	N/A	Auto-1	2WD	Electricity	FA	B1	Federal Tier 2 Bin 1	LBYDV0000001	small SUV	10	73	71	72	10	Elite	0
CADILLAC CT4	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.0041	small car	6	23	34	27	6	No	327
CADILLAC CT4	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.0041	small car	6	23	34	27	6	No	327
CADILLAC CT4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.0041	small car	6	23	32	26	5	No	343
CADILLAC CT4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.0041	small car	6	23	32	26	5	No	343
CADILLAC CT4	2.7	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.7105	small car	6	20	30	24	5	No	373
CADILLAC CT4	2.7	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.7105	small car	6	20	30	24	5	No	373
CADILLAC CT4	2.7	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.7105	small car	6	20	28	23	5	No	382
CADILLAC CT4	2.7	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.7105	small car	6	20	28	23	5	No	382
CADILLAC CT4 V	2.7	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.7105	small car	6	20	29	23	5	No	384
CADILLAC CT4 V	2.7	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.7105	small car	6	20	29	23	5	No	384
CADILLAC CT4 V	2.7	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.7105	small car	6	20	28	23	5	No	382
CADILLAC CT4 V	2.7	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.7105	small car	6	20	28	23	5	No	382
CADILLAC CT5	2	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.0041	midsize car	6	23	32	26	5	No	337
CADILLAC CT5	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.0041	midsize car	6	23	32	26	5	No	337
CADILLAC CT5	2	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV02.0041	midsize car	6	21	31	25	5	No	356
CADILLAC CT5	2	4	SemiAuto-10	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV02.0041	midsize car	6	21	31	25	5	No	356
CADILLAC CT5	3	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.0043	midsize car	5	19	26	21	4	No	412
CADILLAC CT5	3	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.0043	midsize car	5	19	26	21	4	No	412
CADILLAC CT5	3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.0043	midsize car	5	18	25	21	4	No	431
CADILLAC CT5	3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.0043	midsize car	5	18	25	21	4	No	431
CADILLAC CT5 V	3	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.0043	midsize car	5	18	26	21	4	No	412
CADILLAC CT5 V	3	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.0043	midsize car	5	18	26	21	4	No	412
CADILLAC CT5 V	3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.0043	midsize car	5	17	25	20	4	No	442
CADILLAC CT5 V	3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.0043	midsize car	5	17	25	20	4	No	442
CADILLAC CT6	3.6	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.6164	large car	5	18	27	21	4	No	420
CADILLAC CT6	3.6	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.6164	large car	5	18	27	21	4	No	420
CADILLAC CT6	4.2	8	SemiAuto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXV04.2088	large car	3	14	25	17	3	No	521
CADILLAC CT6	4.2	8	SemiAuto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXV04.2088	large car	3	14	25	17	3	No	521
CADILLAC Escalade	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CADILLAC Escalade	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CADILLAC Escalade	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	21	17	3	No	537
CADILLAC Escalade	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	21	17	3	No	537
CADILLAC XT4	2	4	SemiAuto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0400	small SUV	6	24	30	26	5	No	336
CADILLAC XT4	2	4	SemiAuto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0400	small SUV	6	24	30	26	5	No	336
CADILLAC XT4	2	4	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0400	small SUV	6	22	29	24	5	No	366
CADILLAC XT4	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0400	small SUV	6	22	29	24	5	No	366
CADILLAC XT5	2	4	SemiAuto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	small SUV	6	21	28	24	5	No	363
CADILLAC XT5	2	4	SemiAuto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	small SUV	6	21	28	24	5	No	363

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
CADILLAC XT5	2	4	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	small SUV	6	21	26	23	5	No	379
CADILLAC XT5	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	small SUV	6	21	26	23	5	No	379
CADILLAC XT5	3.6	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	18	26	21	4	No	420
CADILLAC XT5	3.6	6	SemiAuto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	18	26	21	4	No	420
CADILLAC XT5	3.6	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	18	25	20	4	No	434
CADILLAC XT5	3.6	6	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	18	25	20	4	No	434
CADILLAC XT6	3.6	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	18	25	20	4	No	437
CADILLAC XT6	3.6	6	SemiAuto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	18	25	20	4	No	437
CADILLAC XT6	3.6	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	17	24	20	4	No	446
CADILLAC XT6	3.6	6	SemiAuto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	17	24	20	4	No	446
CHEVROLET Blazer	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	small SUV	6	21	28	24	5	No	362
CHEVROLET Blazer	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	small SUV	6	21	28	24	5	No	362
CHEVROLET Blazer	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	small SUV	6	21	27	23	5	No	374
CHEVROLET Blazer	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	small SUV	6	21	27	23	5	No	374
CHEVROLET Blazer	2.5	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5201	small SUV	5	21	27	23	5	No	382
CHEVROLET Blazer	2.5	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5201	small SUV	5	21	27	23	5	No	382
CHEVROLET Blazer	3.6	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	19	26	21	4	No	414
CHEVROLET Blazer	3.6	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	19	26	21	4	No	414
CHEVROLET Blazer	3.6	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	small SUV	6	18	25	21	4	No	433
CHEVROLET Blazer	3.6	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	small SUV	6	18	25	21	4	No	433
CHEVROLET Bolt EV	N/A	N/A	CVT	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LGMXV00.0002	station wagon	10	127	108	118	10	Elite	0
CHEVROLET Bolt EV	N/A	N/A	CVT	2WD	Electricity	CA	ZEV	California ZEV	LGMXV00.0002	station wagon	10	127	108	118	10	Elite	0
CHEVROLET Camaro	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	small car	5	20	30	23	5	No	378
CHEVROLET Camaro	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	small car	5	20	30	23	5	No	378
CHEVROLET Camaro	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	small car	5	22	31	25	5	No	353
CHEVROLET Camaro	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	small car	5	22	31	25	5	No	353
CHEVROLET Camaro	3.6	6	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV03.6165	small car	6	16	26	20	4	No	451
CHEVROLET Camaro	3.6	6	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV03.6165	small car	6	16	26	20	4	No	451
CHEVROLET Camaro	3.6	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV03.6165	small car	6	19	29	22	4	No	397
CHEVROLET Camaro	3.6	6	SemiAuto-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV03.6165	small car	6	19	29	22	4	No	397
CHEVROLET Camaro	6.2	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LGMXV06.2089	small car	1	14	20	16	2	No	565
CHEVROLET Camaro	6.2	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LGMXV06.2089	small car	1	14	20	16	2	No	565
CHEVROLET Camaro	6.2	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LGMXV06.2090	small car	1	16	24	19	3	No	477
CHEVROLET Camaro	6.2	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LGMXV06.2090	small car	1	16	24	19	3	No	477
CHEVROLET Camaro	6.2	8	SemiAuto-10	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LGMXV06.2089	small car	1	13	21	16	2	No	571
CHEVROLET Camaro	6.2	8	SemiAuto-10	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LGMXV06.2089	small car	1	13	21	16	2	No	571
CHEVROLET Camaro	6.2	8	SemiAuto-10	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LGMXV06.2090	small car	1	16	27	20	4	No	451
CHEVROLET Camaro	6.2	8	SemiAuto-10	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LGMXV06.2090	small car	1	16	27	20	4	No	451
CHEVROLET Colorado	2.5	4	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	pickup	5	20	26	22	4	No	406
CHEVROLET Colorado	2.5	4	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	pickup	5	20	26	22	4	No	406
CHEVROLET Colorado	2.5	4	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	pickup	5	19	24	21	4	No	428
CHEVROLET Colorado	2.5	4	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	pickup	5	19	24	21	4	No	428
CHEVROLET Colorado	2.8	4	Auto-6	2WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8358	pickup	3	20	30	23	4	No	435

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
CHEVROLET Colorado	2.8	4	Auto-6	2WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8358	pickup	3	20	30	23	4	No	435
CHEVROLET Colorado	2.8	4	Auto-6	4WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8358	pickup	3	19	28	22	4	No	456
CHEVROLET Colorado	2.8	4	Auto-6	4WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8358	pickup	3	19	28	22	4	No	456
CHEVROLET Colorado	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6161	pickup	5	18	25	20	4	No	440
CHEVROLET Colorado	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6161	pickup	5	18	25	20	4	No	440
CHEVROLET Colorado	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6161	pickup	5	17	24	19	3	No	461
CHEVROLET Colorado	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6161	pickup	5	17	24	19	3	No	461
CHEVROLET Colorado ZR2	2.8	4	Auto-6	4WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8357	pickup	3	18	22	19	3	No	525
CHEVROLET Colorado ZR2	2.8	4	Auto-6	4WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8357	pickup	3	18	22	19	3	No	525
CHEVROLET Colorado ZR2	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6162	pickup	5	16	18	17	3	No	532
CHEVROLET Colorado ZR2	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6162	pickup	5	16	18	17	3	No	532
CHEVROLET Corvette	6.2	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXV06.2091	small car	3	15	27	19	3	No	467
CHEVROLET Corvette	6.2	8	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXV06.2091	small car	3	15	27	19	3	No	467
CHEVROLET Equinox	1.5	4	Auto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXT01.5090	small SUV	7	26	31	28	6	No	315
CHEVROLET Equinox	1.5	4	Auto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXT01.5090	small SUV	7	26	31	28	6	No	315
CHEVROLET Equinox	1.5	4	Auto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXT01.5090	small SUV	7	25	30	27	6	No	324
CHEVROLET Equinox	1.5	4	Auto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXT01.5090	small SUV	7	25	30	27	6	No	324
CHEVROLET Equinox	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	22	29	25	5	No	350
CHEVROLET Equinox	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	22	29	25	5	No	350
CHEVROLET Equinox	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	22	28	24	5	No	367
CHEVROLET Equinox	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	22	28	24	5	No	367
CHEVROLET Impala	3.6	6	SemiAuto-6	2WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LGMXV03.6166	large car	5	14/18	20/28	16/22	4	No	396/411
CHEVROLET Impala	3.6	6	SemiAuto-6	2WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LGMXV03.6166	large car	5	14/18	20/28	16/22	4	No	396/411
CHEVROLET Impala	3.6	6	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV03.6048	large car	7	19	28	22	4	No	406
CHEVROLET Impala	3.6	6	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV03.6048	large car	7	19	28	22	4	No	406
CHEVROLET Malibu	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXV01.5002	midsize car	6	29	36	32	7	Yes	298
CHEVROLET Malibu	1.5	4	CVT	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXV01.5002	midsize car	6	29	36	32	7	Yes	298
CHEVROLET Malibu	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXV01.5010	midsize car	7	29	36	32	7	Yes	298
CHEVROLET Malibu	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXV01.5010	midsize car	7	29	36	32	7	Yes	298
CHEVROLET Malibu	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV02.0031	midsize car	5	22	32	26	5	No	344
CHEVROLET Malibu	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV02.0031	midsize car	5	22	32	26	5	No	344
CHEVROLET Silverado	2.7	4	Auto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	19	22	20	4	No	422
CHEVROLET Silverado	2.7	4	Auto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	20	23	21	4	No	421
CHEVROLET Silverado	2.7	4	Auto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	19	22	20	4	No	422
CHEVROLET Silverado	2.7	4	Auto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	20	23	21	4	No	421
CHEVROLET Silverado	2.7	4	Auto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	19	22	20	4	No	442
CHEVROLET Silverado	2.7	4	Auto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	19	22	20	4	No	442
CHEVROLET Silverado	3	6	Auto-10	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0352	pickup	1	23	33	27	5	No	383
CHEVROLET Silverado	3	6	Auto-10	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0352	pickup	1	23	33	27	5	No	383
CHEVROLET Silverado	3	6	Auto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0352	pickup	1	23	29	25	4	No	405
CHEVROLET Silverado	3	6	Auto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0352	pickup	1	23	29	25	4	No	405
CHEVROLET Silverado	4.3	6	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	16	21	17	3	No	523

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
CHEVROLET Silverado	4.3	6	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	special purpose	6	15	19	17	3	No	523
CHEVROLET Silverado	4.3	6	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	16	21	17	3	No	523
CHEVROLET Silverado	4.3	6	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	special purpose	6	15	19	17	3	No	523
CHEVROLET Silverado	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	15	20	17	3	No	532
CHEVROLET Silverado	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	special purpose	6	14	16	15	2	No	594
CHEVROLET Silverado	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	15	20	17	3	No	532
CHEVROLET Silverado	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	special purpose	6	14	16	15	2	No	594
CHEVROLET Silverado	5.3	8	Auto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	22	19	3	No	477
CHEVROLET Silverado	5.3	8	Auto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	22	19	3	No	477
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3385	pickup	3	11/15	14/19	12/16	2	No	531/545
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3385	pickup	3	11/15	14/19	12/16	2	No	531/545
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	15	21	17	3	No	524
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	special purpose	5	14	18	15	2	No	582
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	15	21	17	3	No	524
CHEVROLET Silverado	5.3	8	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	special purpose	5	14	18	15	2	No	582
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3385	pickup	3	11/14	13/18	12/16	2	No	541/563
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3385	pickup	3	11/14	13/18	12/16	2	No	541/563
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	15	20	17	3	No	525
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	special purpose	5	14	17	15	2	No	593
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	15	20	17	3	No	525
CHEVROLET Silverado	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	special purpose	5	14	17	15	2	No	593
CHEVROLET Silverado	5.3	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	17	23	19	3	No	460
CHEVROLET Silverado	5.3	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	17	24	20	4	No	448
CHEVROLET Silverado	5.3	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	17	23	19	3	No	460
CHEVROLET Silverado	5.3	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	17	24	20	4	No	448
CHEVROLET Silverado	5.3	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	22	18	3	No	494
CHEVROLET Silverado	5.3	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	22	18	3	No	494
CHEVROLET Silverado	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	16	20	17	3	No	516
CHEVROLET Silverado	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	16	20	17	3	No	516
CHEVROLET Silverado 4WD Trail Boss	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	14	18	16	2	No	556
CHEVROLET Silverado 4WD Trail Boss	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	14	18	16	2	No	556

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	21	18	3	No	494
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	21	18	3	No	494
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	14	18	16	2	No	561
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	14	18	16	2	No	561
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	21	18	3	No	486
CHEVROLET Silverado 4WD Trail Boss	5.3	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	21	18	3	No	486
CHEVROLET Silverado 4WD Trail Boss	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	14	18	15	2	No	575
CHEVROLET Silverado 4WD Trail Boss	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	15	19	17	3	No	515
CHEVROLET Silverado 4WD Trail Boss	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	14	18	15	2	No	575
CHEVROLET Silverado 4WD Trail Boss	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	15	19	17	3	No	515
CHEVROLET Sonic	1.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small car	5	26	34	29	6	No	308
CHEVROLET Sonic	1.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small car	5	26	34	29	6	No	308
CHEVROLET Sonic 5	1.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	station wagon	5	26	34	29	6	No	308
CHEVROLET Sonic 5	1.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	station wagon	5	26	34	29	6	No	308
CHEVROLET Spark	1.4	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4050	small car	5	30	38	33	7	Yes	269
CHEVROLET Spark	1.4	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4050	small car	5	30	38	33	7	Yes	269
CHEVROLET Spark	1.4	4	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4050	small car	5	29	38	33	7	Yes	273
CHEVROLET Spark	1.4	4	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4050	small car	5	29	38	33	7	Yes	273
CHEVROLET Spark Activ	1.4	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4050	small car	5	30	37	33	7	Yes	269
CHEVROLET Spark Activ	1.4	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4050	small car	5	30	37	33	7	Yes	269
CHEVROLET Spark Activ	1.4	4	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4050	small car	5	29	37	32	7	Yes	278
CHEVROLET Spark Activ	1.4	4	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4050	small car	5	29	37	32	7	Yes	278
CHEVROLET Suburban 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
CHEVROLET Suburban 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
CHEVROLET Suburban 1500	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
CHEVROLET Suburban 1500	5.3	8	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
CHEVROLET Suburban 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/14	15/21	12/16	2	No	513/543

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
CHEVROLET Suburban 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/14	15/21	12/16	2	No	513/543
CHEVROLET Suburban 1500	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	14	21	16	2	No	547
CHEVROLET Suburban 1500	5.3	8	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	14	21	16	2	No	547
CHEVROLET Suburban 1500	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CHEVROLET Suburban 1500	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CHEVROLET Suburban 1500	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	20	16	2	No	557
CHEVROLET Suburban 1500	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	20	16	2	No	557
CHEVROLET Tahoe 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
CHEVROLET Tahoe 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
CHEVROLET Tahoe 1500	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
CHEVROLET Tahoe 1500	5.3	8	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
CHEVROLET Tahoe 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	16/21	13/17	3	No	491/513
CHEVROLET Tahoe 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	16/21	13/17	3	No	491/513
CHEVROLET Tahoe 1500	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	21	17	3	No	525
CHEVROLET Tahoe 1500	5.3	8	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	21	17	3	No	525
CHEVROLET Tahoe 1500	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CHEVROLET Tahoe 1500	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
CHEVROLET Tahoe 1500	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	22	17	3	No	527
CHEVROLET Tahoe 1500	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	22	17	3	No	527
CHEVROLET Traverse	3.6	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	18	27	21	4	No	420
CHEVROLET Traverse	3.6	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	18	27	21	4	No	420
CHEVROLET Traverse	3.6	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	17	25	20	4	No	442

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CHEVROLET Traverse	3.6	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	17	25	20	4	No	442
CHEVROLET Trax	1.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small SUV	5	26	31	28	6	No	316
CHEVROLET Trax	1.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small SUV	5	26	31	28	6	No	316
CHEVROLET Trax	1.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXV01.4099	small SUV	5	24	29	26	5	No	344
CHEVROLET Trax	1.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXV01.4099	small SUV	5	24	29	26	5	No	344
CHRYSLER 300	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	large car	3	19	30	23	5	No	389
CHRYSLER 300	3.6	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	large car	3	19	30	23	5	No	389
CHRYSLER 300	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	large car	3	18	27	21	4	No	415
CHRYSLER 300	3.6	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	large car	3	18	27	21	4	No	415
CHRYSLER 300	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV05.75P5	large car	3	16	25	19	3	No	466
CHRYSLER 300	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV05.75P5	large car	3	16	25	19	3	No	466
CHRYSLER Pacifica	3.6	6	Auto-9	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P8	minivan	7	19	28	22	4	No	401
CHRYSLER Pacifica	3.6	6	Auto-9	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P8	minivan	7	19	28	22	4	No	401
CHRYSLER Pacifica Hybrid	3.6	6	CVT	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P6	minivan	7	29/87	30/76	30/82	10	Elite	119
CHRYSLER Pacifica Hybrid	3.6	6	CVT	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P6	minivan	7	29/87	30/76	30/82	10	Elite	119
CHRYSLER Voyager	3.6	6	Auto-9	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P8	minivan	7	19	28	22	4	No	401
CHRYSLER Voyager	3.6	6	Auto-9	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P8	minivan	7	19	28	22	4	No	401
DODGE Challenger	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	midsize car	3	19	30	23	5	No	389
DODGE Challenger	3.6	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	midsize car	3	19	30	23	5	No	389
DODGE Challenger	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	midsize car	3	18	27	21	4	No	415
DODGE Challenger	3.6	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	midsize car	3	18	27	21	4	No	415
DODGE Challenger	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV05.75P5	midsize car	3	16	25	19	3	No	466
DODGE Challenger	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV05.75P5	midsize car	3	16	25	19	3	No	466
DODGE Challenger	5.7	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV05.75P4	midsize car	1	15	23	18	3	No	494
DODGE Challenger	5.7	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV05.75P4	midsize car	1	15	23	18	3	No	494
DODGE Challenger	6.4	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	midsize car	1	15	24	18	3	No	500
DODGE Challenger	6.4	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	midsize car	1	15	24	18	3	No	500
DODGE Challenger	6.4	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	midsize car	1	14	23	17	3	No	523
DODGE Challenger	6.4	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	midsize car	1	14	23	17	3	No	523
DODGE Challenger SRT	6.2	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	midsize car	1	13	22	16	2	No	546
DODGE Challenger SRT	6.2	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	midsize car	1	13	22	16	2	No	546
DODGE Challenger SRT	6.2	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	midsize car	1	13	21	16	2	No	567
DODGE Challenger SRT	6.2	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	midsize car	1	13	21	16	2	No	567
DODGE Challenger SRT Widebody	6.2	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	midsize car	1	13	21	15	2	No	576
DODGE Challenger SRT Widebody	6.2	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	midsize car	1	13	21	15	2	No	576
DODGE Challenger SRT Widebody	6.2	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	midsize car	1	13	21	16	2	No	567
DODGE Challenger SRT Widebody	6.2	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	midsize car	1	13	21	16	2	No	567

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DODGE Challenger Widebody	6.4	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	midsize car	1	15	24	18	3	No	500
DODGE Challenger Widebody	6.4	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	midsize car	1	15	24	18	3	No	500
DODGE Challenger Widebody	6.4	8	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	midsize car	1	14	23	17	3	No	523
DODGE Challenger Widebody	6.4	8	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	midsize car	1	14	23	17	3	No	523
DODGE Charger	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	large car	3	19	30	23	5	No	389
DODGE Charger	3.6	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	large car	3	19	30	23	5	No	389
DODGE Charger	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV03.65P3	large car	3	18	27	21	4	No	415
DODGE Charger	3.6	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV03.65P3	large car	3	18	27	21	4	No	415
DODGE Charger	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV05.75P5	large car	3	16	25	19	3	No	466
DODGE Charger	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV05.75P5	large car	3	16	25	19	3	No	466
DODGE Charger	6.4	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	large car	1	15	24	18	3	No	500
DODGE Charger	6.4	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	large car	1	15	24	18	3	No	500
DODGE Charger SRT Widebody	6.2	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.25P0	large car	1	12	21	15	2	No	592
DODGE Charger SRT Widebody	6.2	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.25P0	large car	1	12	21	15	2	No	592
DODGE Charger Widebody	6.4	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXV06.45P0	large car	1	15	24	18	3	No	500
DODGE Charger Widebody	6.4	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXV06.45P0	large car	1	15	24	18	3	No	500
DODGE Durango	3.6	6	Auto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
DODGE Durango	3.6	6	Auto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
DODGE Durango	3.6	6	Auto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
DODGE Durango	3.6	6	Auto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
DODGE Durango	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	525
DODGE Durango	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	525
DODGE Durango	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533
DODGE Durango	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533
DODGE Durango SRT	6.4	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	584
DODGE Durango SRT	6.4	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	584
DODGE Grand Caravan	3.6	6	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	minivan	5	17	25	20	4	No	445

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
DODGE Grand Caravan	3.6	6	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	minivan	5	17	25	20	4	No	445
DODGE Journey	2.4	4	Auto-4	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT02.4FP2	small SUV	3	19	25	21	4	No	420
FERRARI 488 Pista	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	15	20	17	3	No	524
FERRARI 488 Pista	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	15	20	17	3	No	524
FERRARI 488 Pista Spider	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	15	19	17	3	No	531
FERRARI 488 Pista Spider	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	15	19	17	3	No	531
FERRARI 812 Superfast	6.5	12	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV06.5GDI	small car	3	12	16	13	1	No	661
FERRARI 812 Superfast	6.5	12	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV06.5GDI	small car	3	12	16	13	1	No	661
FERRARI F8 Tributo	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	15	19	16	2	No	541
FERRARI F8 Tributo	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	15	19	16	2	No	541
FERRARI GTC4Lusso	6.3	12	AutoMan-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV06.5GDI	small car	3	12	17	13	1	No	661
FERRARI GTC4Lusso	6.3	12	AutoMan-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV06.5GDI	small car	3	12	17	13	1	No	661
FERRARI GTC4Lusso T	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	15	21	17	3	No	524
FERRARI GTC4Lusso T	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	15	21	17	3	No	524
FERRARI Portofino	3.9	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFEXV03.9TUR	small car	3	16	22	18	3	No	485
FERRARI Portofino	3.9	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFEXV03.9TUR	small car	3	16	22	18	3	No	485
FIAT 124 Spider	1.4	4	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV01.45P0	small car	3	25	36	29	6	No	302
FIAT 124 Spider	1.4	4	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV01.45P0	small car	3	25	36	29	6	No	302
FIAT 124 Spider	1.4	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV01.45P0	small car	3	26	35	30	7	No	298
FIAT 124 Spider	1.4	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV01.45P0	small car	3	26	35	30	7	No	298
FIAT 500L	1.4	4	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXV01.45P0	station wagon	3	22	30	25	5	No	356
FIAT 500L	1.4	4	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXV01.45P0	station wagon	3	22	30	25	5	No	356
FIAT 500X	1.3	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	24	30	26	5	No	342
FIAT 500X	1.3	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	24	30	26	5	No	342
FORD EcoSport	1	3	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT01.01B7	small SUV	5	27	29	28	6	No	318
FORD EcoSport	1	3	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT01.01B7	small SUV	5	27	29	28	6	No	318
FORD EcoSport	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.01B2	small SUV	5	23	29	25	5	No	355
FORD EcoSport	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.01B2	small SUV	5	23	29	25	5	No	355
FORD Edge	2	4	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	21	29	24	5	No	369
FORD Edge	2	4	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	21	29	24	5	No	369
FORD Edge	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	21	28	23	5	No	384
FORD Edge	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	21	28	23	5	No	384
FORD Edge	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	21	28	23	5	No	384
FORD Edge	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	21	28	23	5	No	384
FORD Edge	2.7	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
FORD Edge	2.7	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
FORD Escape	1.5	3	Auto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXT01.52X1	small SUV	7	27	33	30	7	Yes	297
FORD Escape	1.5	3	Auto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXT01.52X1	small SUV	7	27	33	30	7	Yes	297
FORD Escape	1.5	3	Auto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXT01.52X1	small SUV	7	26	31	28	6	No	319
FORD Escape	1.5	3	Auto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXT01.52X1	small SUV	7	26	31	28	6	No	319
FORD Escape	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02Y1	small SUV	5	23	31	26	5	No	342
FORD Escape	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02Y1	small SUV	5	23	31	26	5	No	342
FORD Escape HEV	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXT02.52F1	small SUV	7	44	37	41	9	Yes	220

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
FORD Escape HEV	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXT02.52F1	small SUV	7	44	37	41	9	Yes	220
FORD Escape HEV	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXT02.52F1	small SUV	7	43	37	40	9	Yes	224
FORD Escape HEV	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXT02.52F1	small SUV	7	43	37	40	9	Yes	224
FORD Expedition	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	17	23	19	3	No	467
FORD Expedition	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	17	23	19	3	No	467
FORD Expedition	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	17	22	19	3	No	473
FORD Expedition	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	17	22	19	3	No	473
FORD Expedition MAX	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	17	23	19	3	No	467
FORD Expedition MAX	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	17	23	19	3	No	467
FORD Expedition MAX	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	494
FORD Expedition MAX	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	494
FORD Explorer	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.33U1	standard SUV	5	21	28	24	5	No	370
FORD Explorer	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.33U1	standard SUV	5	21	28	24	5	No	370
FORD Explorer	2.3	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.33U1	standard SUV	5	20	27	23	5	No	386
FORD Explorer	2.3	4	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.33U1	standard SUV	5	20	27	23	5	No	386
FORD Explorer	3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.03U2	standard SUV	5	18	24	20	4	No	446
FORD Explorer	3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.03U2	standard SUV	5	18	24	20	4	No	446
FORD Explorer FFV	3.3	6	SemiAuto-10	4WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33U3	standard SUV	5	11/16	15/23	13/19	3	No	500/468
FORD Explorer FFV	3.3	6	SemiAuto-10	4WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.33U3	standard SUV	5	11/16	15/23	13/19	3	No	500/468
FORD Explorer HEV	3.3	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33F1	standard SUV	5	27	29	28	6	No	322
FORD Explorer HEV	3.3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33F1	standard SUV	5	23	26	25	5	No	361
FORD Explorer HEV	3.3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.33F1	standard SUV	5	23	26	25	5	No	361
FORD F150	2.7	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.73JK	pickup	5	20	26	22	4	No	402
FORD F150	2.7	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.73JK	pickup	5	20	26	22	4	No	402
FORD F150	2.7	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.73JK	pickup	5	18	23	20	4	No	444
FORD F150	2.7	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.73JK	pickup	5	18	23	20	4	No	444

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
FORD F150	3	6	SemiAuto-10	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LFMXT03.03DZ	pickup	1	21	28	24	4	No	424
FORD F150	3	6	SemiAuto-10	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LFMXT03.03DZ	pickup	1	21	29	24	4	No	420
FORD F150	3	6	SemiAuto-10	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.03DZ	pickup	1	21	28	24	4	No	424
FORD F150	3	6	SemiAuto-10	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.03DZ	pickup	1	21	29	24	4	No	420
FORD F150	3	6	SemiAuto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LFMXT03.03DZ	pickup	1	20	25	22	3	No	466
FORD F150	3	6	SemiAuto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.03DZ	pickup	1	20	25	22	3	No	466
FORD F150	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JK	pickup	5	17	23	19	3	No	468
FORD F150	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JK	pickup	5	17	23	19	3	No	468
FORD F150	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JK	pickup	5	16	22	18	3	No	488
FORD F150	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JK	pickup	5	16	22	18	3	No	488
FORD F150 FFV	3.3	6	SemiAuto-6	2WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33DU	pickup	5	14/19	19/25	16/22	4	No	394/409
FORD F150 FFV	3.3	6	SemiAuto-6	2WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.33DU	pickup	5	14/19	19/25	16/22	4	No	394/409
FORD F150 FFV	3.3	6	SemiAuto-6	4WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.33DU	pickup	5	13/18	17/23	15/20	4	No	424/439
FORD F150 FFV	3.3	6	SemiAuto-6	4WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.33DU	pickup	5	13/18	17/23	15/20	4	No	424/439
FORD F150 FFV	5	8	SemiAuto-10	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LFMXT05.03DP	pickup	3	12/15	17/20	14/17	3	No	440/523
FORD F150 FFV	5	8	SemiAuto-10	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LFMXT05.03DP	pickup	3	12/17	17/23	14/19	3	No	447/467
FORD F150 FFV	5	8	SemiAuto-10	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LFMXT05.03DP	pickup	3	12/15	17/20	14/17	3	No	440/523
FORD F150 FFV	5	8	SemiAuto-10	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LFMXT05.03DP	pickup	3	12/17	17/23	14/19	3	No	447/467
FORD F150 FFV	5	8	SemiAuto-10	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LFMXT05.03DP	pickup	3	12/15	15/21	13/18	3	No	487/506
FORD F150 FFV	5	8	SemiAuto-10	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LFMXT05.03DP	pickup	3	12/15	15/21	13/18	3	No	487/506
FORD F150 FFV BASE PAYLOAD LT	5	8	SemiAuto-10	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LFMXT05.03DP	pickup	3	12/16	17/21	14/18	3	No	449/494
FORD F150 FFV BASE PAYLOAD LT	5	8	SemiAuto-10	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LFMXT05.03DP	pickup	3	12/16	17/21	14/18	3	No	449/494
FORD F150 Limited	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JM	pickup	5	17	22	19	3	No	466
FORD F150 Limited	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JM	pickup	5	17	22	19	3	No	466
FORD F150 Limited	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JM	pickup	5	17	21	19	3	No	467
FORD F150 Limited	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JM	pickup	5	17	21	19	3	No	467
FORD F150 Raptor	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54JM	pickup	5	15	18	16	2	No	540
FORD F150 Raptor	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54JM	pickup	5	15	18	16	2	No	540
FORD F150 XL/XLT	3	6	SemiAuto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LFMXT03.03DZ	pickup	1	21	28	24	4	No	430
FORD F150 XL/XLT	3	6	SemiAuto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.03DZ	pickup	1	21	28	24	4	No	430
FORD Fusion	1.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXV01.5VZ3	midsize car	7	23	34	27	6	No	327
FORD Fusion	1.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXV01.5VZ3	midsize car	7	23	34	27	6	No	327
FORD Fusion	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	21	31	25	5	No	355

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FORD Fusion	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	21	31	25	5	No	355
FORD Fusion	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384
FORD Fusion	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384
FORD Fusion	2.5	4	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.5VEU	midsize car	5	21	31	24	5	No	364
FORD Fusion	2.5	4	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.5VEU	midsize car	5	21	31	24	5	No	364
FORD Fusion Energi Plug-in Hybrid	2	4	CVT	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZQ	midsize car	7	43/109	40/97	42/103	10	Elite	99
FORD Fusion Energi Plug-in Hybrid	2	4	CVT	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZQ	midsize car	7	43/109	40/97	42/103	10	Elite	99
FORD Fusion Hybrid	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZT	midsize car	7	43	41	42	9	Yes	211
FORD Fusion Hybrid	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZT	midsize car	7	43	41	42	9	Yes	211
FORD Fusion Hybrid Taxi	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZT	midsize car	7	43	40	41	9	Yes	217
FORD Fusion Hybrid Taxi	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZT	midsize car	7	43	40	41	9	Yes	217
FORD Fusion Special Service PHEV	2	4	CVT	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZQ	midsize car	7	43/106	40/97	42/102	10	Elite	101
FORD Fusion Special Service PHEV	2	4	CVT	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZQ	midsize car	7	43/106	40/97	42/102	10	Elite	101
FORD GT	3.5	6	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV03.5VGT	small car	3	12	18	14	1	No	632
FORD GT	3.5	6	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV03.5VGT	small car	3	12	18	14	1	No	632
FORD Mustang	2.3	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	21	30	24	5	No	364
FORD Mustang	2.3	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	21	30	24	5	No	364
FORD Mustang	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	21	32	25	5	No	354
FORD Mustang	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	21	32	25	5	No	354
FORD Mustang	5	8	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.0VKN	small car	3	15	24	18	3	No	493
FORD Mustang	5	8	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.0VKN	small car	3	15	24	18	3	No	493
FORD Mustang	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.0VKN	small car	3	16	25	19	3	No	472
FORD Mustang	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.0VKN	small car	3	16	25	19	3	No	472
FORD Mustang Bullitt	5	8	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.0VKN	small car	3	14	23	17	3	No	514
FORD Mustang Bullitt	5	8	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.0VKN	small car	3	14	23	17	3	No	514
FORD Mustang Convertible	2.3	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	28	23	5	No	386
FORD Mustang Convertible	2.3	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	28	23	5	No	386
FORD Mustang Convertible	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	28	23	5	No	387
FORD Mustang Convertible	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	28	23	5	No	387
FORD Mustang Convertible	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.0VKN	small car	3	15	24	18	3	No	484
FORD Mustang Convertible	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.0VKN	small car	3	15	24	18	3	No	484
FORD Mustang HO Convertible	2.3	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	19	26	22	4	No	406
FORD Mustang HO Convertible	2.3	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	19	26	22	4	No	406

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
FORD Mustang HO Convertible	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	27	23	5	No	386
FORD Mustang HO Convertible	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	27	23	5	No	386
FORD Mustang HO Coupe	2.3	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	27	23	5	No	389
FORD Mustang HO Coupe	2.3	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	27	23	5	No	389
FORD Mustang HO Coupe	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.3VJY	small car	5	20	28	23	5	No	386
FORD Mustang HO Coupe	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.3VJY	small car	5	20	28	23	5	No	386
FORD Ranger	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXT02.33MC	special purpose	3	19	18	18	3	No	485
FORD Ranger	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXT02.33MC	special purpose	3	19	18	18	3	No	485
FORD Ranger	2.3	4	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.33ME	pickup	5	21	26	23	5	No	387
FORD Ranger	2.3	4	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.33ME	pickup	5	21	26	23	5	No	387
FORD Ranger	2.3	4	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.33ME	pickup	5	20	24	22	4	No	404
FORD Ranger	2.3	4	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.33ME	pickup	5	20	24	22	4	No	404
FORD Shelby GT350 Mustang	5.2	8	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.2VES	small car	3	14	21	16	2	No	550
FORD Shelby GT350 Mustang	5.2	8	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.2VES	small car	3	14	21	16	2	No	550
FORD Shelby GT500 Mustang	5.2	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV05.2VEZ	small car	3	12	18	14	1	No	631
FORD Shelby GT500 Mustang	5.2	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV05.2VEZ	small car	3	12	18	14	1	No	631
FORD Transit Connect	2	4	SemiAuto-8	2WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02MI	special purpose	5	17/24	21/29	19/26	5	No	335/344
FORD Transit Connect	2	4	SemiAuto-8	2WD	Ethanol/Gas	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02MI	special purpose	5	18/24	20/27	19/25	5	No	337/353
FORD Transit Connect	2	4	SemiAuto-8	2WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02MI	special purpose	5	17/24	21/29	19/26	5	No	335/344
FORD Transit Connect	2	4	SemiAuto-8	2WD	Ethanol/Gas	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02MI	special purpose	5	18/24	20/27	19/25	5	No	337/353
FORD Transit Connect	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LFMXT02.02NP	special purpose	6	24	27	25	5	No	353
FORD Transit Connect	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LFMXT02.02NP	special purpose	6	24	29	26	5	No	344
FORD Transit Connect	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFMXT02.02NP	special purpose	6	24	27	25	5	No	353
FORD Transit Connect	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFMXT02.02NP	special purpose	6	24	29	26	5	No	344
FORD Transit Connect	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.52NG	special purpose	5	20	26	22	4	No	404
FORD Transit Connect	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.52NG	special purpose	5	20	27	22	4	No	397

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
FORD Transit Connect	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.52NG	special purpose	5	20	26	22	4	No	404
FORD Transit Connect	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.52NG	special purpose	5	20	27	22	4	No	397
FORD Transit Connect USPS	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.52NG	special purpose	5	20	27	22	4	No	397
FORD Transit Connect USPS	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.52NG	special purpose	5	20	27	22	4	No	397
FORD Transit T150 Wagon FFV	3.5	6	SemiAuto-10	2WD	Ethanol/Gas	CA	L3LEV160	California LEV-III LEV160	LFMXT03.55HM	van	1	11/15	15/19	12/17	3	No	502/537
FORD Transit T150 Wagon FFV	3.5	6	SemiAuto-10	2WD	Ethanol/Gas	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.55HM	van	1	11/15	15/19	12/17	3	No	502/537
FORD Transit T150 Wagon FFV	3.5	6	SemiAuto-10	4WD	Ethanol/Gas	CA	L3LEV160	California LEV-III LEV160	LFMXT03.55HM	van	1	11/14	14/19	12/16	2	No	523/562
FORD Transit T150 Wagon FFV	3.5	6	SemiAuto-10	4WD	Ethanol/Gas	FA	T3B160	Federal Tier 3 Bin 160	LFMXT03.55HM	van	1	11/14	14/19	12/16	2	No	523/562
GENESIS G70	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV02.0GG6	small car	3	18	28	22	4	No	410
GENESIS G70	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV02.0GG6	small car	3	18	28	22	4	No	410
GENESIS G70	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV02.0GG6	small car	3	22	30	25	5	No	357
GENESIS G70	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV02.0GG6	small car	3	22	30	25	5	No	357
GENESIS G70	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV02.0GG6	small car	3	20	27	23	5	No	385
GENESIS G70	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV02.0GG6	small car	3	20	27	23	5	No	385
GENESIS G70	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3GK6	small car	3	17	26	20	4	No	447
GENESIS G70	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3GK6	small car	3	17	26	20	4	No	447
GENESIS G70	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3GK6	small car	3	17	25	20	4	No	457
GENESIS G70	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3GK6	small car	3	17	25	20	4	No	457
GENESIS G80	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3HK6	large car	3	17	25	20	4	No	442
GENESIS G80	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3HK6	large car	3	17	25	20	4	No	442
GENESIS G80	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3HK6	large car	3	17	24	20	4	No	453
GENESIS G80	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3HK6	large car	3	17	24	20	4	No	453
GENESIS G80	3.8	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV03.8HL5	large car	5	18	26	21	4	No	423
GENESIS G80	3.8	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV03.8HL5	large car	5	18	26	21	4	No	423
GENESIS G80	3.8	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV03.8HL5	large car	5	18	24	20	4	No	445
GENESIS G80	3.8	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV03.8HL5	large car	5	18	24	20	4	No	445
GENESIS G80	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV05.0HM5	large car	5	16	24	19	3	No	474
GENESIS G80	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV05.0HM5	large car	5	16	24	19	3	No	474
GENESIS G80	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV05.0HM5	large car	5	15	23	18	3	No	503
GENESIS G80	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV05.0HM5	large car	5	15	23	18	3	No	503
GENESIS G90	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3JKF	large car	3	17	25	20	4	No	446
GENESIS G90	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3JKF	large car	3	17	25	20	4	No	446
GENESIS G90	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV03.3JKF	large car	3	17	25	20	4	No	451
GENESIS G90	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV03.3JKF	large car	3	17	25	20	4	No	451
GENESIS G90	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV05.0JM5	large car	5	16	24	19	3	No	485
GENESIS G90	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV05.0JM5	large car	5	16	24	19	3	No	485
GENESIS G90	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV05.0JM5	large car	5	15	23	18	3	No	500

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GENESIS G90	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV05.0JM5	large car	5	15	23	18	3	No	500
GMC Acadia	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	standard SUV	6	21	28	24	5	No	362
GMC Acadia	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	standard SUV	6	21	28	24	5	No	362
GMC Acadia	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.0500	standard SUV	6	21	27	23	5	No	374
GMC Acadia	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.0500	standard SUV	6	21	27	23	5	No	374
GMC Acadia	2.5	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5201	standard SUV	5	21	27	23	5	No	382
GMC Acadia	2.5	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5201	standard SUV	5	21	27	23	5	No	382
GMC Acadia	3.6	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	19	27	22	4	No	413
GMC Acadia	3.6	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	19	27	22	4	No	413
GMC Acadia	3.6	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT03.6151	standard SUV	6	18	25	21	4	No	433
GMC Acadia	3.6	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT03.6151	standard SUV	6	18	25	21	4	No	433
GMC Canyon	2.5	4	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	pickup	5	20	26	22	4	No	406
GMC Canyon	2.5	4	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	pickup	5	20	26	22	4	No	406
GMC Canyon	2.5	4	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.5200	pickup	5	19	24	21	4	No	428
GMC Canyon	2.5	4	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.5200	pickup	5	19	24	21	4	No	428
GMC Canyon	2.8	4	Auto-6	2WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8358	pickup	3	20	30	23	4	No	435
GMC Canyon	2.8	4	Auto-6	2WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8358	pickup	3	20	30	23	4	No	435
GMC Canyon	2.8	4	Auto-6	4WD	Diesel	CA	L3ULEV125	California LEV-III ULEV125	LGMXT02.8358	pickup	3	19	28	22	4	No	456
GMC Canyon	2.8	4	Auto-6	4WD	Diesel	FA	T3B125	Federal Tier 3 Bin 125	LGMXT02.8358	pickup	3	19	28	22	4	No	456
GMC Canyon	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6161	pickup	5	18	25	20	4	No	440
GMC Canyon	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6161	pickup	5	18	25	20	4	No	440
GMC Canyon	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT03.6161	pickup	5	17	24	19	3	No	461
GMC Canyon	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT03.6161	pickup	5	17	24	19	3	No	461
GMC Sierra	2.7	4	Auto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	19	22	20	4	No	421
GMC Sierra	2.7	4	Auto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	20	23	21	4	No	421
GMC Sierra	2.7	4	Auto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	19	22	20	4	No	421
GMC Sierra	2.7	4	Auto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	20	23	21	4	No	421
GMC Sierra	2.7	4	Auto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT02.7100	pickup	6	19	22	20	4	No	442
GMC Sierra	2.7	4	Auto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT02.7100	pickup	6	19	22	20	4	No	442
GMC Sierra	3	6	Auto-10	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0352	pickup	1	23	30	26	5	No	392
GMC Sierra	3	6	Auto-10	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0352	pickup	1	23	30	26	5	No	392
GMC Sierra	3	6	Auto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0351	pickup	1	22	26	24	4	No	427
GMC Sierra	3	6	Auto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0351	pickup	1	22	26	24	4	No	427
GMC Sierra	4.3	6	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	16	21	17	3	No	523

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
GMC Sierra	4.3	6	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	special purpose	6	15	19	17	3	No	523
GMC Sierra	4.3	6	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	16	21	17	3	No	523
GMC Sierra	4.3	6	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	special purpose	6	15	19	17	3	No	523
GMC Sierra	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	pickup	6	15	20	17	3	No	532
GMC Sierra	4.3	6	Auto-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LGMXT04.3186	special purpose	6	14	16	15	2	No	594
GMC Sierra	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	pickup	6	15	20	17	3	No	532
GMC Sierra	4.3	6	Auto-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LGMXT04.3186	special purpose	6	14	16	15	2	No	594
GMC Sierra	5.3	8	Auto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	22	19	3	No	479
GMC Sierra	5.3	8	Auto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	22	19	3	No	479
GMC Sierra	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3385	pickup	3	11/15	14/19	12/16	2	No	531/545
GMC Sierra	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3385	pickup	3	11/15	14/19	12/16	2	No	531/545
GMC Sierra	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	15	21	17	3	No	524
GMC Sierra	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	special purpose	5	14	18	15	2	No	582
GMC Sierra	5.3	8	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	15	21	17	3	No	524
GMC Sierra	5.3	8	Auto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	special purpose	5	14	18	15	2	No	582
GMC Sierra	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3385	pickup	3	11/14	14/19	12/16	2	No	523/549
GMC Sierra	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3385	pickup	3	11/14	14/19	12/16	2	No	523/549
GMC Sierra	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	15	20	17	3	No	530
GMC Sierra	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	special purpose	5	14	17	15	2	No	593
GMC Sierra	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	15	20	17	3	No	530
GMC Sierra	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	special purpose	5	14	17	15	2	No	593
GMC Sierra	5.3	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	17	23	19	3	No	463
GMC Sierra	5.3	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	17	24	20	4	No	448
GMC Sierra	5.3	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	17	23	19	3	No	463
GMC Sierra	5.3	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	17	24	20	4	No	448
GMC Sierra	5.3	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	22	18	3	No	490
GMC Sierra	5.3	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	22	18	3	No	490
GMC Sierra	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	15	20	17	3	No	525
GMC Sierra	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	15	20	17	3	No	525
GMC Sierra AT4	3	6	Auto-10	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LGMXT03.0351	pickup	1	22	26	24	4	No	427
GMC Sierra AT4	3	6	Auto-10	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LGMXT03.0351	pickup	1	22	26	24	4	No	427
GMC Sierra AT4	5.3	8	Auto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	21	18	3	No	494
GMC Sierra AT4	5.3	8	Auto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	21	18	3	No	494

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
GMC Sierra AT4	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	14	18	16	2	No	556
GMC Sierra AT4	5.3	8	Auto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	14	18	16	2	No	556
GMC Sierra AT4	5.3	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT05.3386	pickup	5	16	21	18	3	No	486
GMC Sierra AT4	5.3	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT05.3386	pickup	5	16	21	18	3	No	486
GMC Sierra AT4	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2375	pickup	3	15	19	17	3	No	515
GMC Sierra AT4	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2375	pickup	3	15	19	17	3	No	515
GMC Terrain	1.5	4	Auto-9	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXT01.5090	small SUV	7	26	30	27	6	No	325
GMC Terrain	1.5	4	Auto-9	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXT01.5090	small SUV	7	26	30	27	6	No	325
GMC Terrain	1.5	4	Auto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LGMXT01.5095	small SUV	7	25	28	26	5	No	339
GMC Terrain	1.5	4	Auto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LGMXT01.5095	small SUV	7	25	28	26	5	No	339
GMC Terrain	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	22	28	24	5	No	369
GMC Terrain	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	22	28	24	5	No	369
GMC Terrain	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LGMXT02.0100	small SUV	5	21	26	23	5	No	386
GMC Terrain	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LGMXT02.0100	small SUV	5	21	26	23	5	No	386
GMC Yukon 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
GMC Yukon 1500	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
GMC Yukon 1500	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
GMC Yukon 1500	5.3	8	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
GMC Yukon 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	16/21	13/17	3	No	491/513
GMC Yukon 1500	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	16/21	13/17	3	No	491/513
GMC Yukon 1500	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	21	17	3	No	525
GMC Yukon 1500	5.3	8	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	21	17	3	No	525
GMC Yukon 1500	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
GMC Yukon 1500	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
GMC Yukon 1500	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	22	17	3	No	527
GMC Yukon 1500	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	22	17	3	No	527
GMC Yukon 1500 XL	5.3	8	Auto-6	2WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
GMC Yukon 1500 XL	5.3	8	Auto-6	2WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/15	17/22	13/18	3	No	479/505
GMC Yukon 1500 XL	5.3	8	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
GMC Yukon 1500 XL	5.3	8	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	15	22	18	3	No	505
GMC Yukon 1500 XL	5.3	8	Auto-6	4WD	Ethanol/Gas	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3382	standard SUV	3	11/14	15/21	12/16	2	No	513/543
GMC Yukon 1500 XL	5.3	8	Auto-6	4WD	Ethanol/Gas	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3382	standard SUV	3	11/14	15/21	12/16	2	No	513/543
GMC Yukon 1500 XL	5.3	8	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT05.3384	standard SUV	3	14	21	16	2	No	547
GMC Yukon 1500 XL	5.3	8	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT05.3384	standard SUV	3	14	21	16	2	No	547
GMC Yukon 1500 XL	6.2	8	Auto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
GMC Yukon 1500 XL	6.2	8	Auto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	23	17	3	No	517
GMC Yukon 1500 XL	6.2	8	Auto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LGMXT06.2374	standard SUV	3	14	20	16	2	No	557
GMC Yukon 1500 XL	6.2	8	Auto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LGMXT06.2374	standard SUV	3	14	20	16	2	No	557
HONDA Accord	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.53EB	large car	7	30	38	33	7	Yes	266
HONDA Accord	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.53EB	large car	7	30	38	33	7	Yes	266
HONDA Accord	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXV01.54DB	large car	6	26	35	30	7	Yes	298
HONDA Accord	1.5	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXV01.54DB	large car	6	26	35	30	7	Yes	298
HONDA Accord	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.53EB	large car	7	29	35	31	7	Yes	282
HONDA Accord	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.53EB	large car	7	29	35	31	7	Yes	282
HONDA Accord	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0BEB	large car	7	48	47	48	10	Elite	185
HONDA Accord	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0BEB	large car	7	48	47	48	10	Elite	185
HONDA Accord	2	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXV02.07DM	large car	6	22	32	26	5	No	344
HONDA Accord	2	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXV02.07DM	large car	6	22	32	26	5	No	344
HONDA Accord	2	4	SemiAuto-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.06EC	large car	7	23	34	27	6	No	330
HONDA Accord	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.06EC	large car	7	23	34	27	6	No	330
HONDA Accord 2.0T Sport/Touring	2	4	SemiAuto-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.06EC	midsize car	7	22	32	26	5	No	345
HONDA Accord 2.0T Sport/Touring	2	4	SemiAuto-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.06EC	midsize car	7	22	32	26	5	No	345
HONDA CR-V	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT01.5YLC	small SUV	6	28	34	30	7	Yes	294
HONDA CR-V	1.5	4	CVT	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT01.5YLC	small SUV	6	28	34	30	7	Yes	294
HONDA CR-V	1.5	4	CVT	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LHNXT01.5YLC	small SUV	6	27	32	29	6	No	305
HONDA CR-V	1.5	4	CVT	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LHNXT01.5YLC	small SUV	6	27	32	29	6	No	305
HONDA CR-V	2	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXT02.0WMC	small SUV	7	40	35	38	8	Yes	234
HONDA CR-V	2	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXT02.0WMC	small SUV	7	40	35	38	8	Yes	234
HONDA Civic 2Dr	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	small car	7	31	40	35	8	Yes	256
HONDA Civic 2Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	small car	7	31	40	35	8	Yes	256
HONDA Civic 2Dr	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	small car	3	31	40	35	8	No	256
HONDA Civic 2Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	small car	3	31	40	35	8	No	256
HONDA Civic 2Dr	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5TBC	small car	3	26	36	30	7	No	294

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
HONDA Civic 2Dr	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5TBC	small car	3	26	36	30	7	No	294
HONDA Civic 2Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	small car	7	30	37	33	7	Yes	269
HONDA Civic 2Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	small car	7	30	37	33	7	Yes	269
HONDA Civic 2Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	small car	3	30	37	33	7	No	269
HONDA Civic 2Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	small car	3	30	37	33	7	No	269
HONDA Civic 2Dr	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0CL3	small car	7	30	38	33	7	Yes	264
HONDA Civic 2Dr	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0CL3	small car	7	30	38	33	7	Yes	264
HONDA Civic 2Dr	2	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	small car	3	30	38	33	7	No	264
HONDA Civic 2Dr	2	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	small car	3	30	38	33	7	No	264
HONDA Civic 2Dr	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	small car	3	25	35	29	6	No	304
HONDA Civic 2Dr	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	small car	3	25	35	29	6	No	304
HONDA Civic 2Dr	2	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0CL3	small car	7	29	36	32	7	Yes	280
HONDA Civic 2Dr	2	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0CL3	small car	7	29	36	32	7	Yes	280
HONDA Civic 2Dr	2	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	small car	3	29	36	32	7	No	280
HONDA Civic 2Dr	2	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	small car	3	29	36	32	7	No	280
HONDA Civic 4Dr	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	midsize car	7	32	42	36	8	Yes	248
HONDA Civic 4Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	midsize car	7	32	42	36	8	Yes	248
HONDA Civic 4Dr	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	midsize car	3	32	42	36	8	No	248
HONDA Civic 4Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	midsize car	3	32	42	36	8	No	248
HONDA Civic 4Dr	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5TBC	midsize car	3	26	36	30	7	No	294
HONDA Civic 4Dr	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5TBC	midsize car	3	26	36	30	7	No	294
HONDA Civic 4Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	midsize car	7	30	38	33	7	Yes	266
HONDA Civic 4Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	midsize car	7	30	38	33	7	Yes	266
HONDA Civic 4Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	midsize car	3	30	38	33	7	No	266
HONDA Civic 4Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	midsize car	3	30	38	33	7	No	266
HONDA Civic 4Dr	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0CL3	midsize car	7	30	38	33	7	Yes	268
HONDA Civic 4Dr	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0CL3	midsize car	7	30	38	33	7	Yes	268
HONDA Civic 4Dr	2	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	midsize car	3	30	38	33	7	No	268
HONDA Civic 4Dr	2	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	midsize car	3	30	38	33	7	No	268
HONDA Civic 4Dr	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	midsize car	3	25	36	29	6	No	300
HONDA Civic 4Dr	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	midsize car	3	25	36	29	6	No	300
HONDA Civic 4Dr	2	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV02.0CL3	midsize car	7	29	37	32	7	Yes	276
HONDA Civic 4Dr	2	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV02.0CL3	midsize car	7	29	37	32	7	Yes	276
HONDA Civic 4Dr	2	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.0DH3	midsize car	3	29	37	32	7	No	276
HONDA Civic 4Dr	2	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.0DH3	midsize car	3	29	37	32	7	No	276
HONDA Civic 5Dr	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	large car	7	31	40	34	8	Yes	259
HONDA Civic 5Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	large car	7	31	40	34	8	Yes	259
HONDA Civic 5Dr	1.5	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	large car	3	31	40	34	8	No	259
HONDA Civic 5Dr	1.5	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	large car	3	31	40	34	8	No	259
HONDA Civic 5Dr	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	large car	3	29	37	32	7	No	274
HONDA Civic 5Dr	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	large car	3	29	37	32	7	No	274
HONDA Civic 5Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.52L2	large car	7	29	35	32	7	Yes	279
HONDA Civic 5Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.52L2	large car	7	29	35	32	7	Yes	279
HONDA Civic 5Dr	1.5	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5GH2	large car	3	29	35	32	7	No	279
HONDA Civic 5Dr	1.5	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5GH2	large car	3	29	35	32	7	No	279

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
HONDA Civic 5Dr	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV02.01BM	large car	3	22	28	25	5	No	358
HONDA Civic 5Dr	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV02.01BM	large car	3	22	28	25	5	No	358
HONDA Clarity	1.5	4	CVT	2WD	Gasoline/Electricity	CA	L3SULEV20	California LEV-III SULEV20	LHNXV01.5DFB	midsize car	8	44/117	40/102	42/110	10	Elite	57
HONDA Clarity	1.5	4	CVT	2WD	Gasoline/Electricity	FA	T3B20	Federal Tier 3 Bin 20	LHNXV01.5DFB	midsize car	8	44/117	40/102	42/110	10	Elite	57
HONDA Clarity	N/A	N/A	Auto-1	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LHNXV00.0AAH	midsize car	10	68	67	68	10	Elite	0
HONDA Clarity	N/A	N/A	Auto-1	2WD	Hydrogen	CA	ZEV	California ZEV	LHNXV00.0AAH	midsize car	10	68	67	68	10	Elite	0
HONDA Fit	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.5XEB	station wagon	7	33	40	36	8	Yes	246
HONDA Fit	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.5XEB	station wagon	7	33	40	36	8	Yes	246
HONDA Fit	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV01.5FBB	station wagon	3	29	36	31	7	No	286
HONDA Fit	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV01.5FBB	station wagon	3	29	36	31	7	No	286
HONDA Fit	1.5	4	SCV-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.5XEB	station wagon	7	31	36	33	7	Yes	267
HONDA Fit	1.5	4	SCV-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.5XEB	station wagon	7	31	36	33	7	Yes	267
HONDA HR-V	1.8	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXV01.8ECC	station wagon	5	28	34	30	7	Yes	292
HONDA HR-V	1.8	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXV01.8ECC	station wagon	5	28	34	30	7	Yes	292
HONDA HR-V	1.8	4	CVT	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXV01.8ECC	station wagon	5	27	31	29	6	No	311
HONDA HR-V	1.8	4	CVT	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXV01.8ECC	station wagon	5	27	31	29	6	No	311
HONDA HR-V	1.8	4	SCV-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXV01.8ECC	station wagon	5	28	34	30	7	Yes	292
HONDA HR-V	1.8	4	SCV-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXV01.8ECC	station wagon	5	28	34	30	7	Yes	292
HONDA HR-V	1.8	4	SCV-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXV01.8ECC	station wagon	5	26	31	28	6	No	314
HONDA HR-V	1.8	4	SCV-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXV01.8ECC	station wagon	5	26	31	28	6	No	314
HONDA Insight	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.5CEB	midsize car	7	55	49	52	10	Elite	170
HONDA Insight	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.5CEB	midsize car	7	55	49	52	10	Elite	170
HONDA Insight Touring	1.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHNXV01.5CEB	midsize car	7	51	45	48	10	Elite	184
HONDA Insight Touring	1.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHNXV01.5CEB	midsize car	7	51	45	48	10	Elite	184
HONDA Odyssey	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHNXT03.5J4C	minivan	5	19	28	22	4	No	394
HONDA Odyssey	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHNXT03.5J4C	minivan	5	19	28	22	4	No	394
HONDA Passport	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	20	25	22	4	No	407
HONDA Passport	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	20	25	22	4	No	407
HONDA Passport	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	19	24	21	4	No	427

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
HONDA Passport	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	19	24	21	4	No	427
HONDA Pilot	3.5	6	Auto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	19	27	22	4	No	405
HONDA Pilot	3.5	6	Auto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	19	27	22	4	No	405
HONDA Pilot	3.5	6	Auto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5PBM	small SUV	3	18	26	21	4	No	421
HONDA Pilot	3.5	6	Auto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5PBM	small SUV	3	18	26	21	4	No	421
HONDA Pilot	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	20	27	23	5	No	388
HONDA Pilot	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	20	27	23	5	No	388
HONDA Pilot	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXV03.5NBC	small SUV	3	19	26	22	4	No	407
HONDA Pilot	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXV03.5NBC	small SUV	3	19	26	22	4	No	407
HONDA Ridgeline	3.5	6	SemiAuto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXT03.5RSC	pickup	3	19	26	22	4	No	407
HONDA Ridgeline	3.5	6	SemiAuto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXT03.5RSC	pickup	3	19	26	22	4	No	407
HONDA Ridgeline	3.5	6	SemiAuto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHNXT03.5RSC	pickup	3	19	24	21	4	No	433
HONDA Ridgeline	3.5	6	SemiAuto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHNXT03.5RSC	pickup	3	19	24	21	4	No	433
HYUNDAI Accent	1.6	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV01.6AB6	small car	3	33	41	36	8	No	248
HYUNDAI Accent	1.6	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV01.6AB6	small car	3	33	41	36	8	No	248
HYUNDAI Accent	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV01.6AB6	small car	3	29	39	33	7	No	273
HYUNDAI Accent	1.6	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV01.6AB6	small car	3	29	39	33	7	No	273
HYUNDAI Elantra	1.4	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV01.4CD6	midsize car	3	33	41	36	8	No	250
HYUNDAI Elantra	1.4	4	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV01.4CD6	midsize car	3	33	41	36	8	No	250
HYUNDAI Elantra	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6CC5	midsize car	5	26	33	29	6	No	310
HYUNDAI Elantra	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6CC5	midsize car	5	26	33	29	6	No	310
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0CE3	midsize car	7	30	40	34	8	Yes	264
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0CE3	midsize car	7	30	40	34	8	Yes	264
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0CE5	midsize car	5	30	40	34	8	Yes	264
HYUNDAI Elantra	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0CE5	midsize car	5	30	40	34	8	Yes	264
HYUNDAI Elantra GT	1.6	4	AMS-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6DC5	large car	5	25	32	28	6	No	322
HYUNDAI Elantra GT	1.6	4	AMS-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6DC5	large car	5	25	32	28	6	No	322
HYUNDAI Elantra GT	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6DC5	large car	5	23	30	26	5	No	352
HYUNDAI Elantra GT	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6DC5	large car	5	23	30	26	5	No	352
HYUNDAI Elantra GT	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0DF5	large car	5	25	32	27	6	No	327
HYUNDAI Elantra GT	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0DF5	large car	5	25	32	27	6	No	327
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0CE3	midsize car	7	31	41	35	8	Yes	259
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0CE3	midsize car	7	31	41	35	8	Yes	259
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0CE5	midsize car	5	31	41	35	8	Yes	259
HYUNDAI Elantra SE	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0CE5	midsize car	5	31	41	35	8	Yes	259
HYUNDAI Ioniq	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	large car	7	55	54	55	10	Elite	163
HYUNDAI Ioniq	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	large car	7	55	54	55	10	Elite	163
HYUNDAI Ioniq Blue	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	large car	7	57	59	58	10	Elite	154
HYUNDAI Ioniq Blue	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	large car	7	57	59	58	10	Elite	154
HYUNDAI Ioniq Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0P31	midsize car	10	145	121	133	10	Elite	0
HYUNDAI Ioniq Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LHYXV00.0P31	midsize car	10	145	121	133	10	Elite	0
HYUNDAI Ioniq Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LHYXV01.6P2T	midsize car	7	53/123	52/114	52/119	10	Elite	74
HYUNDAI Ioniq Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LHYXV01.6P2T	midsize car	7	53/123	52/114	52/119	10	Elite	74

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HYUNDAI Kona	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6KC5	small SUV	5	28	32	30	7	Yes	303
HYUNDAI Kona	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6KC5	small SUV	5	28	32	30	7	Yes	303
HYUNDAI Kona	1.6	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6KC5	small SUV	5	26	29	27	6	No	324
HYUNDAI Kona	1.6	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6KC5	small SUV	5	26	29	27	6	No	324
HYUNDAI Kona	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0KE5	small SUV	5	27	33	30	7	Yes	300
HYUNDAI Kona	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0KE5	small SUV	5	27	33	30	7	Yes	300
HYUNDAI Kona	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0KE5	small SUV	5	26	30	28	6	No	324
HYUNDAI Kona	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0KE5	small SUV	5	26	30	28	6	No	324
HYUNDAI Kona Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0K31	small SUV	10	132	108	120	10	Elite	0
HYUNDAI Kona Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LHYXV00.0K31	small SUV	10	132	108	120	10	Elite	0
HYUNDAI NEXO	N/A	N/A	Auto-1	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0R41	small SUV	10	59	54	57	10	Elite	0
HYUNDAI NEXO	N/A	N/A	Auto-1	2WD	Hydrogen	CA	ZEV	California ZEV	LHYXV00.0R41	small SUV	10	59	54	57	10	Elite	0
HYUNDAI NEXO Blue	N/A	N/A	Auto-1	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LHYXV00.0R41	small SUV	10	65	58	61	10	Elite	0
HYUNDAI NEXO Blue	N/A	N/A	Auto-1	2WD	Hydrogen	CA	ZEV	California ZEV	LHYXV00.0R41	small SUV	10	65	58	61	10	Elite	0
HYUNDAI Palisade	3.8	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXT03.8NL5	standard SUV	5	19	26	22	4	No	406
HYUNDAI Palisade	3.8	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXT03.8NL5	standard SUV	5	19	26	22	4	No	406
HYUNDAI Palisade	3.8	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXT03.8NL5	standard SUV	5	19	24	21	4	No	426
HYUNDAI Palisade	3.8	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXT03.8NL5	standard SUV	5	19	24	21	4	No	426
HYUNDAI Santa Fe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0MG5	small SUV	5	20	27	23	5	No	399
HYUNDAI Santa Fe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0MG5	small SUV	5	20	27	23	5	No	399
HYUNDAI Santa Fe	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0MG5	small SUV	5	20	26	22	4	No	411
HYUNDAI Santa Fe	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0MG5	small SUV	5	20	26	22	4	No	411
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.4MH3	small SUV	7	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.4MH3	small SUV	7	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.4MH5	small SUV	5	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.4MH5	small SUV	5	22	29	25	5	No	362
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.4MH5	small SUV	5	21	27	24	5	No	377
HYUNDAI Santa Fe	2.4	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.4MH5	small SUV	5	21	27	24	5	No	377
HYUNDAI Sonata	1.6	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6EC5	large car	5	27	36	31	7	Yes	291
HYUNDAI Sonata	1.6	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6EC5	large car	5	27	36	31	7	Yes	291
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.5ER3	large car	7	27	37	31	7	Yes	293
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.5ER3	large car	7	28	38	32	7	Yes	282
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.5ER3	large car	7	27	37	31	7	Yes	293
HYUNDAI Sonata	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.5ER3	large car	7	28	38	32	7	Yes	282
HYUNDAI Sonata Hybrid	2	4	AMS-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0E13	large car	7	45	51	47	10	Elite	189
HYUNDAI Sonata Hybrid	2	4	AMS-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0E13	large car	7	45	51	47	10	Elite	189
HYUNDAI Sonata Hybrid Blue	2	4	AMS-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0E13	large car	7	50	54	52	10	Elite	172
HYUNDAI Sonata Hybrid Blue	2	4	AMS-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0E13	large car	7	50	54	52	10	Elite	172
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.0LF3	small SUV	7	23	28	25	5	No	358

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.0LF3	small SUV	7	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0LF5	small SUV	5	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0LF5	small SUV	5	23	28	25	5	No	358
HYUNDAI Tuscon	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0LF5	small SUV	5	22	25	23	5	No	385
HYUNDAI Tuscon	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0LF5	small SUV	5	22	25	23	5	No	385
HYUNDAI Tuscon	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LHYXV02.4LH3	small SUV	7	22	28	25	5	No	363
HYUNDAI Tuscon	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LHYXV02.4LH3	small SUV	7	22	28	25	5	No	363
HYUNDAI Tuscon	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.4LH5	small SUV	5	21	26	23	5	No	387
HYUNDAI Tuscon	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.4LH5	small SUV	5	21	26	23	5	No	387
HYUNDAI Veloster	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6BC5	small car	5	28	34	30	7	Yes	296
HYUNDAI Veloster	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6BC5	small car	5	28	34	30	7	Yes	296
HYUNDAI Veloster	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6BC5	small car	5	26	33	29	6	No	308
HYUNDAI Veloster	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6BC5	small car	5	26	33	29	6	No	308
HYUNDAI Veloster	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0BE5	small car	5	25	33	28	6	No	317
HYUNDAI Veloster	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0BE5	small car	5	25	33	28	6	No	317
HYUNDAI Veloster	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV02.0BE5	small car	5	27	34	30	7	Yes	300
HYUNDAI Veloster	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV02.0BE5	small car	5	27	34	30	7	Yes	300
HYUNDAI Veloster N	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LHYXV02.0BG6	small car	3	22	29	25	5	No	363
HYUNDAI Veloster N	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LHYXV02.0BG6	small car	3	22	29	25	5	No	363
HYUNDAI Venue	1.6	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6SB5	midsize car	5	30	34	32	7	Yes	284
HYUNDAI Venue	1.6	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6SB5	midsize car	5	30	34	32	7	Yes	284
HYUNDAI Venue	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LHYXV01.6SB5	midsize car	5	27	35	30	7	Yes	297
HYUNDAI Venue	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LHYXV01.6SB5	midsize car	5	27	35	30	7	Yes	297
INFINITI Q50	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	20	29	23	5	No	387
INFINITI Q50	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	20	29	23	5	No	387
INFINITI Q50	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	19	27	22	4	No	407
INFINITI Q50	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	19	27	22	4	No	407
INFINITI Q50 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	20	26	22	4	No	404
INFINITI Q50 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	20	26	22	4	No	404
INFINITI Q50 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	midsize car	3	19	26	22	4	No	405
INFINITI Q50 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	midsize car	3	19	26	22	4	No	405
INFINITI Q60	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	19	28	22	4	No	397
INFINITI Q60	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	19	28	22	4	No	397
INFINITI Q60	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	19	27	22	4	No	409
INFINITI Q60	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	19	27	22	4	No	409
INFINITI Q60 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	20	27	22	4	No	405
INFINITI Q60 Red Sport	3	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	20	27	22	4	No	405
INFINITI Q60 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.0NHA	small car	3	19	26	21	4	No	424
INFINITI Q60 Red Sport	3	6	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.0NHA	small car	3	19	26	21	4	No	424
INFINITI QX50	2	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT02.0PVA	small SUV	5	23	29	26	5	No	346
INFINITI QX50	2	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT02.0PVA	small SUV	5	23	29	26	5	No	346
INFINITI QX50	2	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT02.0PVA	small SUV	5	22	28	25	5	No	365
INFINITI QX50	2	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT02.0PVA	small SUV	5	22	28	25	5	No	365
INFINITI QX60	3.5	6	SCV-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	399
INFINITI QX60	3.5	6	SCV-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	399

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INFINITI QX60	3.5	6	SCV-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	19	26	22	4	No	410
INFINITI QX60	3.5	6	SCV-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	19	26	22	4	No	410
INFINITI QX80	5.6	8	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9C	standard SUV	3	14	20	16	2	No	551
INFINITI QX80	5.6	8	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9C	standard SUV	3	14	20	16	2	No	551
INFINITI QX80	5.6	8	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9B	standard SUV	3	13	19	15	2	No	579
INFINITI QX80	5.6	8	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9B	standard SUV	3	13	19	15	2	No	579
JAGUAR E-Pace	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	21	28	24	5	No	371
JAGUAR E-Pace	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	21	28	24	5	No	371
JAGUAR E-Pace P300	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	21	27	23	5	No	379
JAGUAR E-Pace P300	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	21	27	23	5	No	379
JAGUAR F-Pace	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	365
JAGUAR F-Pace	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	365
JAGUAR F-Pace	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small SUV	7	18	23	20	4	No	446
JAGUAR F-Pace	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small SUV	7	18	23	20	4	No	446
JAGUAR F-Pace	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small SUV	3	16	21	18	3	No	488
JAGUAR F-Pace	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small SUV	3	16	21	18	3	No	488
JAGUAR F-Pace 30t	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	373
JAGUAR F-Pace 30t	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	22	27	24	5	No	373
JAGUAR F-Type Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Convertible	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type Convertible	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type Coupe	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Coupe	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	23	30	26	5	No	346
JAGUAR F-Type Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	20	28	23	5	No	390
JAGUAR F-Type Coupe	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type Coupe	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	19	27	22	4	No	407

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type S Convertible	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	19	27	22	4	No	407
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type S Coupe	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small car	7	18	26	21	4	No	426
JAGUAR F-Type SVR Convertible	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type SVR Convertible	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type SVR Coupe	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR F-Type SVR Coupe	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small car	3	16	24	18	3	No	481
JAGUAR I-PACE	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LJLXT00.0TZA	small SUV	10	80	72	76	10	Elite	0
JAGUAR I-PACE	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LJLXT00.0TZA	small SUV	10	80	72	76	10	Elite	0
JAGUAR XE	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	25	34	28	6	No	312
JAGUAR XE	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	25	34	28	6	No	312
JAGUAR XE	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	24	34	28	6	No	321
JAGUAR XE	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	24	34	28	6	No	321
JAGUAR XE 30t	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	24	32	27	6	No	333
JAGUAR XE 30t	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	24	32	27	6	No	333
JAGUAR XE 30t	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small car	7	22	30	25	5	No	354
JAGUAR XE 30t	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small car	7	22	30	25	5	No	354
JAGUAR XF	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	midsize car	7	25	34	28	6	No	312
JAGUAR XF	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	midsize car	7	25	34	28	6	No	312
JAGUAR XF	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	midsize car	7	23	33	27	6	No	333
JAGUAR XF	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	midsize car	7	23	33	27	6	No	333
JAGUAR XF	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	midsize car	7	20	28	23	5	No	390
JAGUAR XF	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	midsize car	7	20	28	23	5	No	390
JAGUAR XF 30t	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	midsize car	7	23	31	26	5	No	335
JAGUAR XF 30t	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	midsize car	7	23	31	26	5	No	335
JAGUAR XF 30t	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	midsize car	7	22	31	25	5	No	349
JAGUAR XF 30t	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	midsize car	7	22	31	25	5	No	349
JAGUAR XF Sportbrake	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	station wagon	7	21	28	24	5	No	370
JAGUAR XF Sportbrake	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	station wagon	7	21	28	24	5	No	370
JAGUAR XF Sportbrake	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	station wagon	7	18	25	21	4	No	428
JAGUAR XF Sportbrake	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	station wagon	7	18	25	21	4	No	428
JEEP Cherokee	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	23	31	26	5	No	345

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
JEEP Cherokee	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	23	31	26	5	No	345
JEEP Cherokee	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	21	29	24	5	No	369
JEEP Cherokee	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	21	29	24	5	No	369
JEEP Cherokee	2.4	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	352
JEEP Cherokee	2.4	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	352
JEEP Cherokee	2.4	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	370
JEEP Cherokee	2.4	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	370
JEEP Cherokee	3.2	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	20	29	23	5	No	387
JEEP Cherokee	3.2	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	20	29	23	5	No	387
JEEP Cherokee	3.2	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	19	27	22	4	No	400
JEEP Cherokee	3.2	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	19	27	22	4	No	400
JEEP Cherokee 4x4 Active Drive II	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	20	27	23	5	No	387
JEEP Cherokee 4x4 Active Drive II	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	20	27	23	5	No	387
JEEP Cherokee 4x4 Active Drive II	3.2	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	18	26	21	4	No	416
JEEP Cherokee 4x4 Active Drive II	3.2	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	18	26	21	4	No	416
JEEP Cherokee Trailhawk	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P0	small SUV	5	20	26	22	4	No	400
JEEP Cherokee Trailhawk	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P0	small SUV	5	20	26	22	4	No	400
JEEP Cherokee Trailhawk	3.2	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.25P0	small SUV	5	18	24	21	4	No	432
JEEP Cherokee Trailhawk	3.2	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.25P0	small SUV	5	18	24	21	4	No	432
JEEP Compass	2.4	4	Auto-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	350
JEEP Compass	2.4	4	Auto-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	31	25	5	No	350
JEEP Compass	2.4	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	358
JEEP Compass	2.4	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	358
JEEP Compass	2.4	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT02.45P0	small SUV	3	23	32	26	5	No	339
JEEP Compass	2.4	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT02.45P0	small SUV	3	23	32	26	5	No	339
JEEP Compass	2.4	4	Man-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT02.45P0	small SUV	3	22	31	25	5	No	355
JEEP Compass	2.4	4	Man-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT02.45P0	small SUV	3	22	31	25	5	No	355
JEEP Gladiator	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	pickup	5	17	22	19	3	No	466
JEEP Gladiator	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	pickup	5	17	22	19	3	No	466
JEEP Gladiator	3.6	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	pickup	5	16	23	19	3	No	476
JEEP Gladiator	3.6	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	pickup	5	16	23	19	3	No	476
JEEP Grand Cherokee	3.6	6	Auto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
JEEP Grand Cherokee	3.6	6	Auto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	19	26	21	4	No	414
JEEP Grand Cherokee	3.6	6	Auto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
JEEP Grand Cherokee	3.6	6	Auto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LCRXT03.65P5	standard SUV	7	18	25	21	4	No	427
JEEP Grand Cherokee	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
JEEP Grand Cherokee	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P5	standard SUV	3	14	22	17	3	No	533
JEEP Grand Cherokee SRT	6.4	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	592
JEEP Grand Cherokee SRT	6.4	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXT06.45P1	standard SUV	1	13	19	15	2	No	592
JEEP Grand Cherokee Trackhawk	6.2	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LCRXT06.25P1	standard SUV	1	11	17	13	1	No	664
JEEP Grand Cherokee Trackhawk	6.2	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LCRXT06.25P1	standard SUV	1	11	17	13	1	No	664
JEEP Renegade	1.3	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	24	32	27	6	No	328
JEEP Renegade	1.3	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	24	32	27	6	No	328
JEEP Renegade	1.3	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	23	29	26	5	No	348
JEEP Renegade	1.3	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	23	29	26	5	No	348
JEEP Renegade	2.4	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	357
JEEP Renegade	2.4	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	22	30	25	5	No	357
JEEP Renegade	2.4	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	371
JEEP Renegade	2.4	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	small SUV	6	21	29	24	5	No	371
JEEP Renegade Trailhawk	1.3	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT01.35P0	small SUV	6	22	27	24	5	No	370
JEEP Renegade Trailhawk	1.3	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT01.35P0	small SUV	6	22	27	24	5	No	370
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P3	small SUV	5	22	24	23	5	No	388
JEEP Wrangler	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P3	small SUV	5	22	24	23	5	No	388
JEEP Wrangler	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	18	23	20	4	No	440
JEEP Wrangler	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	18	23	20	4	No	440
JEEP Wrangler	3.6	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	17	25	20	4	No	446
JEEP Wrangler	3.6	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	17	25	20	4	No	446
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P1	small SUV	5	21	22	21	4	No	414
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT02.05P3	small SUV	5	21	22	21	4	No	423
JEEP Wrangler Unlimited	2	4	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT02.05P3	small SUV	5	21	22	21	4	No	423
JEEP Wrangler Unlimited	3	6	Auto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LCRXT03.05PW	small SUV	1	22	29	25	4	No	411
JEEP Wrangler Unlimited	3	6	Auto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LCRXT03.05PW	small SUV	1	22	29	25	4	No	411
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	18	22	20	4	No	451
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	18	22	20	4	No	451
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	small SUV	5	19	22	20	4	No	444
JEEP Wrangler Unlimited	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	small SUV	5	19	22	20	4	No	444
JEEP Wrangler Unlimited	3.6	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P0	small SUV	5	17	23	19	3	No	459
JEEP Wrangler Unlimited	3.6	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P0	small SUV	5	17	23	19	3	No	459
KARMA Revero GT (21-inch wheels)	1.5	3	Auto-1	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LKALV01.5LEV	small car	7	27/71	25/69	26/70	10	Elite	70
KARMA Revero GT (21-inch wheels)	1.5	3	Auto-1	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LKALV01.5LEV	small car	7	27/71	25/69	26/70	10	Elite	70
KIA Cadenza	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3FJ6	large car	3	20	28	23	5	No	385

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KIA Cadenza	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3FJ6	large car	3	20	28	23	5	No	385
KIA Forte	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6CC5	midsize car	5	27	35	30	7	Yes	296
KIA Forte	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6CC5	midsize car	5	27	35	30	7	Yes	296
KIA Forte	1.6	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6CC5	midsize car	5	25	32	28	6	No	326
KIA Forte	1.6	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6CC5	midsize car	5	25	32	28	6	No	326
KIA Forte	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0CE3	midsize car	7	29	40	33	7	Yes	269
KIA Forte	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0CE3	midsize car	7	29	40	33	7	Yes	269
KIA Forte	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0CE5	midsize car	5	29	40	33	7	Yes	269
KIA Forte	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0CE5	midsize car	5	29	40	33	7	Yes	269
KIA Forte	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0CE5	midsize car	5	27	37	31	7	Yes	290
KIA Forte	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0CE5	midsize car	5	27	37	31	7	Yes	290
KIA Forte FE	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0CE5	midsize car	5	31	41	35	8	Yes	256
KIA Forte FE	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0CE5	midsize car	5	31	41	35	8	Yes	256
KIA K900	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3GK6	large car	3	18	25	21	4	No	431
KIA K900	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3GK6	large car	3	18	25	21	4	No	431
KIA Niro	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	station wagon	7	51	46	49	10	Elite	183
KIA Niro	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	station wagon	7	51	46	49	10	Elite	183
KIA Niro Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LKMXV00.0L31	station wagon	10	123	102	112	10	Elite	0
KIA Niro Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LKMXV00.0L31	station wagon	10	123	102	112	10	Elite	0
KIA Niro FE	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	station wagon	7	52	49	50	10	Elite	177
KIA Niro FE	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	station wagon	7	52	49	50	10	Elite	177
KIA Niro Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L2T	station wagon	7	48/110	44/99	46/105	10	Elite	90
KIA Niro Plug-in Hybrid	1.6	4	AutoMan-6	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L2T	station wagon	7	48/110	44/99	46/105	10	Elite	90
KIA Niro Touring	1.6	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV01.6L13	station wagon	7	46	40	43	9	Yes	207
KIA Niro Touring	1.6	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV01.6L13	station wagon	7	46	40	43	9	Yes	207
KIA Optima	1.6	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6DC5	large car	5	27	37	31	7	Yes	292
KIA Optima	1.6	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6DC5	large car	5	27	37	31	7	Yes	292
KIA Optima	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0DG5	large car	5	21	30	24	5	No	371
KIA Optima	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0DG5	large car	5	21	30	24	5	No	371
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.4DH3	large car	7	24	32	27	6	No	330
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.4DH3	large car	7	24	32	27	6	No	330
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4DH5	large car	5	24	32	27	6	No	330
KIA Optima	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4DH5	large car	5	24	32	27	6	No	330
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.4DH3	large car	7	25	35	29	6	No	311
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.4DH3	large car	7	25	35	29	6	No	311

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4DH5	large car	5	25	35	29	6	No	311
KIA Optima FE	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4DH5	large car	5	25	35	29	6	No	311
KIA Optima Hybrid	2	4	AutoMan-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0D13	midsize car	7	40	45	42	9	Yes	213
KIA Optima Hybrid	2	4	AutoMan-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0D13	midsize car	7	40	45	42	9	Yes	213
KIA Optima plug-in hybrid	2	4	AutoMan-6	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0D2T	midsize car	7	39/103	44/100	41/101	10	Elite	97
KIA Optima plug-in hybrid	2	4	AutoMan-6	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0D2T	midsize car	7	39/103	44/100	41/101	10	Elite	97
KIA Rio	1.6	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV01.6AB6	small car	3	33	41	36	8	No	249
KIA Rio	1.6	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV01.6AB6	small car	3	33	41	36	8	No	249
KIA Sedona	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT03.3KJ5	minivan	5	18	24	21	4	No	436
KIA Sedona	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT03.3KJ5	minivan	5	18	24	21	4	No	436
KIA Sorento	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4JH5	small SUV	5	22	29	25	5	No	363
KIA Sorento	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4JH5	small SUV	5	22	29	25	5	No	363
KIA Sorento	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.4JH5	small SUV	5	21	26	23	5	No	389
KIA Sorento	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.4JH5	small SUV	5	21	26	23	5	No	389
KIA Sorento	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV03.3JJ5	small SUV	5	19	26	22	4	No	413
KIA Sorento	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV03.3JJ5	small SUV	5	19	26	22	4	No	413
KIA Sorento	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV03.3JJ5	small SUV	5	18	24	20	4	No	436
KIA Sorento	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV03.3JJ5	small SUV	5	18	24	20	4	No	436
KIA Soul	1.6	4	AMS-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV01.6BC5	station wagon	5	27	32	29	6	No	309
KIA Soul	1.6	4	AMS-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV01.6BC5	station wagon	5	27	32	29	6	No	309
KIA Soul	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0BE3	station wagon	7	27	33	30	7	Yes	303
KIA Soul	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0BE3	station wagon	7	27	33	30	7	Yes	303
KIA Soul	2	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXV02.0BE5	station wagon	5	25	31	27	6	No	332
KIA Soul	2	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXV02.0BE5	station wagon	5	25	31	27	6	No	332
KIA Soul Eco dynamics	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXV02.0BE3	station wagon	7	29	35	31	7	Yes	287
KIA Soul Eco dynamics	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXV02.0BE3	station wagon	7	29	35	31	7	Yes	287
KIA Soul Electric	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LKMXV00.0B31	station wagon	10	127	101	114	10	Elite	0
KIA Soul Electric	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LKMXV00.0B31	station wagon	10	127	101	114	10	Elite	0
KIA Sportage	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.0HG5	small SUV	5	20	28	23	5	No	392
KIA Sportage	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.0HG5	small SUV	5	20	28	23	5	No	392
KIA Sportage	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.0HG5	small SUV	5	19	24	21	4	No	421
KIA Sportage	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.0HG5	small SUV	5	19	24	21	4	No	421
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXT02.4HH3	small SUV	7	23	30	26	5	No	351

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KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXT02.4HH3	small SUV	7	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.4HH5	small SUV	5	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.4HH5	small SUV	5	23	30	26	5	No	351
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LKMXT02.4HH3	small SUV	7	22	26	23	5	No	386
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LKMXT02.4HH3	small SUV	7	22	26	23	5	No	386
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT02.4HH5	small SUV	5	22	26	23	5	No	386
KIA Sportage	2.4	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT02.4HH5	small SUV	5	22	26	23	5	No	386
KIA Stinger	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV02.0EG6	midsize car	3	22	29	25	5	No	365
KIA Stinger	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV02.0EG6	midsize car	3	22	29	25	5	No	365
KIA Stinger	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV02.0EG6	midsize car	3	21	29	24	5	No	368
KIA Stinger	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV02.0EG6	midsize car	3	21	29	24	5	No	368
KIA Stinger	3.3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	446
KIA Stinger	3.3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	446
KIA Stinger	3.3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	449
KIA Stinger	3.3	6	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LKMXV03.3EJ6	midsize car	3	17	25	20	4	No	449
KIA Telluride	3.8	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT03.8ML5	small SUV	5	20	26	23	5	No	395
KIA Telluride	3.8	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT03.8ML5	small SUV	5	20	26	23	5	No	395
KIA Telluride	3.8	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LKMXT03.8ML5	small SUV	5	19	24	21	4	No	426
KIA Telluride	3.8	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LKMXT03.8ML5	small SUV	5	19	24	21	4	No	426
LAMBORGHINI Aventador Coupe	6.5	12	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV06.5LDR	small car	1	9	15	11	1	No	787
LAMBORGHINI Aventador Coupe	6.5	12	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV06.5LDR	small car	1	9	15	11	1	No	787
LAMBORGHINI Aventador Roadster	6.5	12	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV06.5LDR	small car	1	9	15	11	1	No	806
LAMBORGHINI Aventador Roadster	6.5	12	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV06.5LDR	small car	1	9	15	11	1	No	806
LAMBORGHINI Huracan	5.2	10	AMS-7	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan	5.2	10	AMS-7	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Huracan	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	595
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Huracan Spyder	5.2	10	AMS-7	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LVGAV05.2NDE	small car	1	13	18	15	2	No	596
LAMBORGHINI Urus	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT04.0PAA	standard SUV	3	12	17	14	1	No	617
LAMBORGHINI Urus	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT04.0PAA	standard SUV	3	12	17	14	1	No	617
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LJLXT03.0GTR	standard SUV	1	21	26	23	4	No	448

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LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LJLXT03.0GTR	standard SUV	1	21	26	23	4	No	448
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT03.0FSP	standard SUV	7	16	21	18	3	No	500
LAND ROVER Discovery	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT03.0FSP	standard SUV	7	16	21	18	3	No	500
LAND ROVER Discovery Sport	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	427
LAND ROVER Discovery Sport	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	427
LAND ROVER Discovery Sport MHEV	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	422
LAND ROVER Discovery Sport MHEV	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	19	24	21	4	No	422
LAND ROVER Evoque	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	20	27	23	5	No	394
LAND ROVER Evoque	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	20	27	23	5	No	394
LAND ROVER Evoque MHEV	2	4	SemiAuto-9	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0RTV	small SUV	7	21	26	23	5	No	389
LAND ROVER Evoque MHEV	2	4	SemiAuto-9	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0RTV	small SUV	7	21	26	23	5	No	389
LAND ROVER Range Rover	3	6	SemiAuto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover	3	6	SemiAuto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover LWB	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover LWB	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	16	21	18	3	No	491
LAND ROVER Range Rover LWB SVA	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	13	19	15	2	No	587
LAND ROVER Range Rover LWB SVA	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	13	19	15	2	No	587
LAND ROVER Range Rover MHEV	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT03.0HTR	standard SUV	7	19	24	21	4	No	427
LAND ROVER Range Rover MHEV	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT03.0HTR	standard SUV	7	19	24	21	4	No	427
LAND ROVER Range Rover PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260

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LAND ROVER Range Rover SVA	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	14	19	16	2	No	569
LAND ROVER Range Rover SVA	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	14	19	16	2	No	569
LAND ROVER Range Rover Sport	3	6	SemiAuto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover Sport	3	6	SemiAuto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LJLXT03.0GTR	standard SUV	1	22	28	24	4	No	412
LAND ROVER Range Rover Sport	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	17	22	19	3	No	474
LAND ROVER Range Rover Sport	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	17	22	19	3	No	474
LAND ROVER Range Rover Sport MHEV	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	425
LAND ROVER Range Rover Sport MHEV	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXT03.0HTR	standard SUV	7	19	25	21	4	No	425
LAND ROVER Range Rover Sport PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover Sport PHEV	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LJLXT02.0PTW	standard SUV	7	18/42	21/42	19/42	8	Yes	260
LAND ROVER Range Rover Sport SVR	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXT05.0FSN	standard SUV	3	15	20	16	2	No	540
LAND ROVER Range Rover Sport SVR	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXT05.0FSN	standard SUV	3	15	20	16	2	No	540
LAND ROVER Range Rover Velar	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	21	27	23	5	No	384
LAND ROVER Range Rover Velar	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	21	27	23	5	No	384
LAND ROVER Range Rover Velar	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LAND ROVER Range Rover Velar	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LAND ROVER Range Rover Velar	5	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LJLXJ05.0FSM	small SUV	3	15	20	17	3	No	511
LAND ROVER Range Rover Velar	5	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LJLXJ05.0FSM	small SUV	3	15	20	17	3	No	511
LAND ROVER Range Rover Velar P300	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ02.0RTX	small SUV	7	20	26	22	4	No	399
LAND ROVER Range Rover Velar P300	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ02.0RTX	small SUV	7	20	26	22	4	No	399
LAND ROVER Range Rover Velar P380	3	6	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LAND ROVER Range Rover Velar P380	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LJLXJ03.0FSP	small SUV	7	18	24	20	4	No	439
LEXUS ES 300h	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
LEXUS ES 300h	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
LEXUS ES 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	346
LEXUS ES 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	346
LEXUS ES 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	352
LEXUS ES 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	352
LEXUS GS 350	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	midsize car	5	19	26	21	4	No	422
LEXUS GS 350	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	midsize car	5	19	26	21	4	No	422
LEXUS GS 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	midsize car	5	20	28	23	5	No	388
LEXUS GS 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	midsize car	5	20	28	23	5	No	388
LEXUS GS 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	midsize car	5	19	27	22	4	No	405
LEXUS GS 350 F Sport	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	midsize car	5	19	27	22	4	No	405
LEXUS GS F	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV05.0M5A	small car	5	16	24	19	3	No	472
LEXUS GS F	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV05.0M5A	small car	5	16	24	19	3	No	472
LEXUS GX 460	4.6	8	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT04.6K6W	standard SUV	3	15	19	16	2	No	542
LEXUS GX 460	4.6	8	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT04.6K6W	standard SUV	3	15	19	16	2	No	542
LEXUS IS 300	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS IS 300	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS IS 300	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS IS 300	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS IS 350	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS IS 350	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS IS 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS IS 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS LC 500	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV05.0M5A	small car	5	16	25	19	3	No	473
LEXUS LC 500	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV05.0M5A	small car	5	16	25	19	3	No	473
LEXUS LC 500h	3.5	6	SCV-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV03.5P35	small car	7	27	35	30	7	Yes	298
LEXUS LC 500h	3.5	6	SCV-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV03.5P35	small car	7	27	35	30	7	Yes	298
LEXUS LS 500	3.4	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV03.5K6A	midsize car	3	19	30	23	5	No	389
LEXUS LS 500	3.4	6	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV03.5K6A	midsize car	3	19	30	23	5	No	389
LEXUS LS 500	3.4	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV03.5K6A	midsize car	3	18	27	21	4	No	420
LEXUS LS 500	3.4	6	SemiAuto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV03.5K6A	midsize car	3	18	27	21	4	No	420
LEXUS LS 500h	3.5	6	SCV-10	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV03.5P35	midsize car	7	25	33	28	6	No	318
LEXUS LS 500h	3.5	6	SCV-10	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV03.5P35	midsize car	7	25	33	28	6	No	318
LEXUS LS 500h	3.5	6	SCV-10	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV03.5P35	midsize car	7	23	31	26	5	No	345
LEXUS LS 500h	3.5	6	SCV-10	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV03.5P35	midsize car	7	23	31	26	5	No	345
LEXUS LX 570	5.7	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT05.7K6Y	standard SUV	3	12	16	14	1	No	636
LEXUS LX 570	5.7	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT05.7K6Y	standard SUV	3	12	16	14	1	No	636
LEXUS NX 300	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT02.0K6M	small SUV	3	22	28	25	5	No	358
LEXUS NX 300	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT02.0K6M	small SUV	3	22	28	25	5	No	358
LEXUS NX 300	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT02.0K6M	small SUV	3	22	28	24	5	No	362
LEXUS NX 300	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT02.0K6M	small SUV	3	22	28	24	5	No	362

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LEXUS NX 300 F Sport	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT02.0K6M	small SUV	3	22	27	24	5	No	374
LEXUS NX 300 F Sport	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT02.0K6M	small SUV	3	22	27	24	5	No	374
LEXUS NX 300h	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P3M	small SUV	7	33	30	31	7	Yes	285
LEXUS NX 300h	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P3M	small SUV	7	33	30	31	7	Yes	285
LEXUS RC 300	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS RC 300	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV02.0M5A	small car	5	21	30	24	5	No	363
LEXUS RC 300	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS RC 300	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	18	24	21	4	No	422
LEXUS RC 350	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS RC 350	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	19	26	21	4	No	422
LEXUS RC 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS RC 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5A	small car	5	20	28	23	5	No	388
LEXUS RC F	5	8	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV05.0M5A	small car	5	16	24	19	3	No	459
LEXUS RC F	5	8	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV05.0M5A	small car	5	16	24	19	3	No	459
LEXUS RX 350	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	391
LEXUS RX 350	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	391
LEXUS RX 350	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	405
LEXUS RX 350	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	405
LEXUS RX 350 L	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	407
LEXUS RX 350 L	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	19	26	22	4	No	407
LEXUS RX 350 L	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	18	25	21	4	No	432
LEXUS RX 350 L	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	18	25	21	4	No	432
LEXUS RX 450h	3.5	6	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT03.5P34	standard SUV	7	31	28	30	7	Yes	297
LEXUS RX 450h	3.5	6	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT03.5P34	standard SUV	7	31	28	30	7	Yes	297
LEXUS RX 450h L	3.5	6	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT03.5P3S	standard SUV	7	29	28	29	6	No	305
LEXUS RX 450h L	3.5	6	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT03.5P3S	standard SUV	7	29	28	29	6	No	305
LEXUS UX 200	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4A	midsize car	6	29	37	33	7	Yes	271
LEXUS UX 200	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4A	midsize car	6	29	37	33	7	Yes	271
LEXUS UX 250h	2	4	SCV-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4C	small car	6	43	41	42	9	Yes	209
LEXUS UX 250h	2	4	SCV-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4C	small car	6	43	41	42	9	Yes	209
LEXUS UX 250h	2	4	SCV-6	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4C	small car	6	41	38	39	9	Yes	225
LEXUS UX 250h	2	4	SCV-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4C	small car	6	41	38	39	9	Yes	225
LINCOLN Aviator	3	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.03U2	standard SUV	5	18	26	21	4	No	424
LINCOLN Aviator	3	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.03U2	standard SUV	5	18	26	21	4	No	424
LINCOLN Aviator	3	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.03U2	standard SUV	5	17	24	20	4	No	451
LINCOLN Aviator	3	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.03U2	standard SUV	5	17	24	20	4	No	451

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LINCOLN Aviator PHEV	3	6	SemiAuto-10	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFMXT03.03P1	standard SUV	7	22/54	25/58	23/56	9	Yes	209
LINCOLN Aviator PHEV	3	6	SemiAuto-10	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LFMXT03.03P1	standard SUV	7	22/54	25/58	23/56	9	Yes	209
LINCOLN Continental	2.7	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.7VLM	large car	5	18	27	21	4	No	424
LINCOLN Continental	2.7	6	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.7VLM	large car	5	18	27	21	4	No	424
LINCOLN Continental	2.7	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.7VLM	large car	5	17	25	20	4	No	452
LINCOLN Continental	2.7	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.7VLM	large car	5	17	25	20	4	No	452
LINCOLN Continental	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	large car	5	16	24	19	3	No	466
LINCOLN Continental	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	large car	5	16	24	19	3	No	466
LINCOLN Continental	3.7	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV03.7VLT	large car	3	17	26	20	4	No	440
LINCOLN Continental	3.7	6	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV03.7VLT	large car	3	17	26	20	4	No	440
LINCOLN Continental	3.7	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFMXV03.7VLT	large car	3	16	24	19	3	No	462
LINCOLN Continental	3.7	6	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFMXV03.7VLT	large car	3	16	24	19	3	No	462
LINCOLN Continental Coach	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	large car	5	16	24	19	3	No	478
LINCOLN Continental Coach	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	large car	5	16	24	19	3	No	478
LINCOLN Corsair	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02Y1	small SUV	5	22	29	25	5	No	361
LINCOLN Corsair	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02Y1	small SUV	5	22	29	25	5	No	361
LINCOLN Corsair	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02Y1	small SUV	5	21	29	24	5	No	369
LINCOLN Corsair	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02Y1	small SUV	5	21	29	24	5	No	369
LINCOLN Corsair	2.3	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.32Z1	small SUV	5	21	28	24	5	No	372
LINCOLN Corsair	2.3	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.32Z1	small SUV	5	21	28	24	5	No	372
LINCOLN MKZ	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	20	31	24	5	No	373
LINCOLN MKZ	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	20	31	24	5	No	373
LINCOLN MKZ	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384
LINCOLN MKZ	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV02.0VEN	midsize car	5	20	29	23	5	No	384
LINCOLN MKZ	3	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	midsize car	5	18	27	21	4	No	425
LINCOLN MKZ	3	6	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	midsize car	5	18	27	21	4	No	425
LINCOLN MKZ	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXV03.0VLG	midsize car	5	17	26	20	4	No	447
LINCOLN MKZ	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXV03.0VLG	midsize car	5	17	26	20	4	No	447
LINCOLN MKZ Hybrid	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFMXV02.0VZT	midsize car	7	42	39	41	9	Yes	217
LINCOLN MKZ Hybrid	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LFMXV02.0VZT	midsize car	7	42	39	41	9	Yes	217
LINCOLN Nautilus	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	20	25	22	4	No	401
LINCOLN Nautilus	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	20	25	22	4	No	401
LINCOLN Nautilus	2.7	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
LINCOLN Nautilus	2.7	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.72JQ	small SUV	5	19	26	21	4	No	417
LINCOLN Navigator	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	22	19	3	No	478
LINCOLN Navigator	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	22	19	3	No	478
LINCOLN Navigator	3.5	6	SemiAuto-10	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	506

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
LINCOLN Navigator	3.5	6	SemiAuto-10	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	506
LINCOLN Navigator L	3.5	6	SemiAuto-10	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	501
LINCOLN Navigator L	3.5	6	SemiAuto-10	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT03.54HF	standard SUV	5	16	21	18	3	No	501
LINCOLN Nuatilus	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LFMXT02.02JU	small SUV	5	21	26	23	5	No	384
LINCOLN Nuatilus	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LFMXT02.02JU	small SUV	5	21	26	23	5	No	384
LOTUS Evora	3.5	6	Man-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	16	24	19	3	No	468
LOTUS Evora	3.5	6	Man-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	16	24	19	3	No	468
LOTUS Evora	3.5	6	SemiAuto-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	17	24	20	4	No	451
LOTUS Evora	3.5	6	SemiAuto-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	17	24	20	4	No	451
LOTUS Evora GT	3.5	6	Man-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	17	26	20	4	No	441
LOTUS Evora GT	3.5	6	Man-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	17	26	20	4	No	441
LOTUS Evora GT	3.5	6	SemiAuto-6	2WD	Gasoline	FA	B5	Federal Tier 2 Bin 5	LLTXV03.5JHB	small car	1	17	24	20	4	No	438
LOTUS Evora GT	3.5	6	SemiAuto-6	2WD	Gasoline	CA	L2	California LEV-II LEV	LLTXV03.5JHB	small car	1	17	24	20	4	No	438
MASERATI Ghibli	3	6	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli	3	6	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli S	3	6	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli S	3	6	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	midsize car	1	17	24	19	3	No	460
MASERATI Ghibli S Q4	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	midsize car	1	16	24	19	3	No	474
MASERATI Ghibli S Q4	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	midsize car	1	16	24	19	3	No	474
MASERATI Levante	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante GTS	3.8	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Levante GTS	3.8	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Levante S	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante S	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	standard SUV	1	15	21	17	3	No	521
MASERATI Levante Trofeo	3.8	8	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Levante Trofeo	3.8	8	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXT03.8AWD	standard SUV	1	14	18	15	2	No	580
MASERATI Quattroporte GTS	3.8	8	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXV03.8DFI	large car	1	15	22	17	3	No	517
MASERATI Quattroporte GTS	3.8	8	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXV03.8DFI	large car	1	15	22	17	3	No	517
MASERATI Quattroporte S	3	6	Auto-8	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	large car	1	17	24	19	3	No	460
MASERATI Quattroporte S	3	6	Auto-8	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	large car	1	17	24	19	3	No	460

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MASERATI Quattroporte S Q4	3	6	Auto-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LMAXJ03.0DFI	large car	1	16	23	18	3	No	484
MASERATI Quattroporte S Q4	3	6	Auto-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LMAXJ03.0DFI	large car	1	16	23	18	3	No	484
MAZDA 2	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV01.5FFA	small car	3	30	39	34	8	No	264
MAZDA 2	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV01.5FFA	small car	3	30	39	34	8	No	264
MAZDA 2	1.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV01.5FFA	small car	3	32	40	35	8	No	253
MAZDA 2	1.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV01.5FFA	small car	3	32	40	35	8	No	253
MAZDA 3	2.5	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	25	35	29	6	No	303
MAZDA 3	2.5	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	25	35	29	6	No	303
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	26	35	30	7	Yes	297
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	26	35	30	7	Yes	299
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	27	36	30	7	Yes	295
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	26	35	30	7	Yes	297
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	26	35	30	7	Yes	299
MAZDA 3	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	27	36	30	7	Yes	295
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	24	32	27	6	No	328
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	25	33	28	6	No	313
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	24	32	27	6	No	328
MAZDA 3	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	25	33	28	6	No	313
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	midsize car	7	26	35	29	6	No	302
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	midsize car	7	26	35	29	6	No	302
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.5FFA	midsize car	3	23	31	26	5	No	335
MAZDA 6	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.5FFA	midsize car	3	23	31	26	5	No	335
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	29	34	31	7	No	289
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	29	34	31	7	No	289
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	29	34	31	7	Yes	289
MAZDA CX-3	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	29	34	31	7	Yes	289
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	27	32	29	6	No	303
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	27	32	29	6	No	303
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small car	7	27	32	29	6	No	303
MAZDA CX-3	2	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small car	7	27	32	29	6	No	303
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	313
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	319
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	313
MAZDA CX-30	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	25	33	28	6	No	319
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	24	31	26	5	No	334
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXV02.5CDA	small SUV	7	25	32	27	6	No	323
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	24	31	26	5	No	334
MAZDA CX-30	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXV02.5CDA	small SUV	7	25	32	27	6	No	323
MAZDA CX-5 2WD	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXT02.5CDA	small SUV	7	25	31	28	6	No	322
MAZDA CX-5 2WD	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXT02.5CDA	small SUV	7	25	31	28	6	No	322
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTKXT02.5CDA	small SUV	7	24	30	26	5	No	335
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTKXT02.5CDA	small SUV	7	24	30	26	5	No	335
MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTKXT02.5EGA	small SUV	5	22	27	24	5	No	370

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MAZDA CX-5 4WD	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTKXT02.5EGA	small SUV	5	22	27	24	5	No	370
MAZDA CX-9	2.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTKXT02.5EGA	small SUV	5	22	28	24	5	No	363
MAZDA CX-9	2.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTKXT02.5EGA	small SUV	5	22	28	24	5	No	363
MAZDA CX-9	2.5	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTKXT02.5EGA	small SUV	5	20	26	23	5	No	391
MAZDA CX-9	2.5	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTKXT02.5EGA	small SUV	5	20	26	23	5	No	391
MAZDA MX-5	2	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	26	34	29	6	No	305
MAZDA MX-5	2	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	26	34	29	6	No	305
MAZDA MX-5	2	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTKXV02.0FFA	small car	3	26	35	30	7	No	299
MAZDA MX-5	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTKXV02.0FFA	small car	3	26	35	30	7	No	299
MERCEDES-BENZ A 220	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U2B	small car	5	24	35	28	6	No	313
MERCEDES-BENZ A 220	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U2B	small car	5	24	35	28	6	No	313
MERCEDES-BENZ A 220 4Matic	2	4	Auto-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U2B	small car	5	24	34	28	6	No	324
MERCEDES-BENZ A 220 4Matic	2	4	Auto-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U2B	small car	5	24	34	28	6	No	324
MERCEDES-BENZ AMG A35 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3A	small car	5	24	31	27	6	No	334
MERCEDES-BENZ AMG A35 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3A	small car	5	24	31	27	6	No	334
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	18	25	21	4	No	423
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	407
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	411
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	18	25	21	4	No	423
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	407
MERCEDES-BENZ AMG C43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	27	22	4	No	411
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	24	20	4	No	452
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	17	26	20	4	No	444
MERCEDES-BENZ AMG C63 S	4	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	18	27	21	4	No	424
MERCEDES-BENZ AMG CLA 35 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3A	small car	5	23	29	25	5	No	352
MERCEDES-BENZ AMG CLA 35 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3A	small car	5	23	29	25	5	No	352
MERCEDES-BENZ AMG CLS 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	small car	6	21	27	23	5	No	379
MERCEDES-BENZ AMG CLS 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	small car	6	21	27	23	5	No	379
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	midsize car	6	21	28	24	5	No	370
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	small car	6	20	26	23	5	No	394
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY2	small car	6	21	28	23	5	No	381
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	midsize car	6	21	28	24	5	No	370
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	small car	6	20	26	23	5	No	394
MERCEDES-BENZ AMG E 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY2	small car	6	21	28	23	5	No	381
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	midsize car	3	15	23	18	3	No	509
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	station wagon	3	16	23	19	3	No	480
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	midsize car	3	15	23	18	3	No	509
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	station wagon	3	16	23	19	3	No	480
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	midsize car	3	15	23	18	3	No	509

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ AMG E63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	station wagon	3	16	23	19	3	No	480
MERCEDES-BENZ AMG G63	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXT04.0U2B	standard SUV	3	13	15	14	1	No	637
MERCEDES-BENZ AMG G63	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXT04.0U2B	standard SUV	3	13	15	14	1	No	637
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	431
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	432
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	431
MERCEDES-BENZ AMG GLC43 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small SUV	5	18	24	21	4	No	432
MERCEDES-BENZ AMG GLC63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GLC63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GLC63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GLC63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small SUV	5	16	22	18	3	No	489
MERCEDES-BENZ AMG GT	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	16	22	18	3	No	488
MERCEDES-BENZ AMG GT	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	16	22	18	3	No	488
MERCEDES-BENZ AMG GT	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	16	22	18	3	No	488
MERCEDES-BENZ AMG GT 53 4Matic+	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY3	small car	6	19	24	21	4	No	425
MERCEDES-BENZ AMG GT 53 4Matic+	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY3	small car	6	19	24	21	4	No	425
MERCEDES-BENZ AMG GT 63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV04.0U2B	small car	5	15	20	17	3	No	519
MERCEDES-BENZ AMG GT 63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV04.0U2B	small car	5	15	20	17	3	No	519
MERCEDES-BENZ AMG GT 63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV04.0U2B	small car	5	15	20	17	3	No	521
MERCEDES-BENZ AMG GT 63 S 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV04.0U2B	small car	5	15	20	17	3	No	521
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	15	20	17	3	No	525
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	15	21	17	3	No	506
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	525
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	21	17	3	No	506

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	525
MERCEDES-BENZ AMG GT C	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	21	17	3	No	506
MERCEDES-BENZ AMG GT R	4	8	AutoMan-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV04.0U2A	small car	3	15	20	17	3	No	526
MERCEDES-BENZ AMG GT R	4	8	AutoMan-7	2WD	Gasoline	CA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	526
MERCEDES-BENZ AMG GT R	4	8	AutoMan-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV04.0U2A	small car	3	15	20	17	3	No	526
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	17	26	20	4	No	443
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	15	24	18	3	No	493
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	17	27	20	4	No	437
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	17	26	20	4	No	443
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	15	24	18	3	No	493
MERCEDES-BENZ AMG S63 4Matic+	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	17	27	20	4	No	437
MERCEDES-BENZ AMG S65	6	12	Auto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV06.0U2A	large car	3	13	22	16	2	No	574
MERCEDES-BENZ AMG S65	6	12	Auto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV06.0U2A	large car	3	13	22	16	2	No	574
MERCEDES-BENZ AMG SLC 43	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	20	29	23	5	No	383
MERCEDES-BENZ AMG SLC 43	3	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	20	29	23	5	No	383
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	373
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	22	31	25	5	No	351
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	24	35	28	6	No	315
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	373
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	22	31	25	5	No	351
MERCEDES-BENZ C300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	24	35	28	6	No	315
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	374
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	21	30	25	5	No	360
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small car	6	23	33	26	5	No	338
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	21	29	24	5	No	374
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	21	30	25	5	No	360

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ C300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small car	6	23	33	26	5	No	338
MERCEDES-BENZ CLA250	2	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3C	small car	5	25	35	28	6	No	310
MERCEDES-BENZ CLA250	2	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3C	small car	5	25	35	28	6	No	310
MERCEDES-BENZ CLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXV02.0U3C	small car	5	23	33	27	6	No	329
MERCEDES-BENZ CLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXV02.0U3C	small car	5	23	33	27	6	No	329
MERCEDES-BENZ CLS450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY4	small car	6	24	31	26	5	No	334
MERCEDES-BENZ CLS450	3	6	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY4	small car	6	24	31	26	5	No	334
MERCEDES-BENZ CLS450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXV03.0HY4	small car	6	23	30	26	5	No	343
MERCEDES-BENZ CLS450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXV03.0HY4	small car	6	23	30	26	5	No	343
MERCEDES-BENZ E350	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	midsize car	6	23	32	26	5	No	336
MERCEDES-BENZ E350	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	midsize car	6	23	32	26	5	No	336
MERCEDES-BENZ E350 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	midsize car	6	22	30	25	5	No	354
MERCEDES-BENZ E350 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	midsize car	6	22	30	25	5	No	354
MERCEDES-BENZ E450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	20	28	23	5	No	388
MERCEDES-BENZ E450	3	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	20	28	23	5	No	388
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	midsize car	5	20	28	23	5	No	392
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	409
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	station wagon	5	19	26	22	4	No	408
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	midsize car	5	20	28	23	5	No	392
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	409
MERCEDES-BENZ E450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	station wagon	5	19	26	22	4	No	408
MERCEDES-BENZ E450 4Matic Convertible	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	408
MERCEDES-BENZ E450 4Matic Convertible	3	6	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	19	26	22	4	No	408
MERCEDES-BENZ E450 Convertible	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ03.0U2A	small car	5	20	27	23	5	No	393
MERCEDES-BENZ E450 Convertible	3	6	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ03.0U2A	small car	5	20	27	23	5	No	393
MERCEDES-BENZ G550	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXT04.0U2A	standard SUV	3	13	17	14	1	No	609

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MERCEDES-BENZ G550	4	8	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXT04.0U2A	standard SUV	3	13	17	14	1	No	609
MERCEDES-BENZ GLA 250	2	4	AutoMan-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U2B	small SUV	5	24	34	28	6	No	316
MERCEDES-BENZ GLA 250	2	4	AutoMan-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U2B	small SUV	5	24	34	28	6	No	316
MERCEDES-BENZ GLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U2B	small SUV	5	22	30	25	5	No	349
MERCEDES-BENZ GLA250 4Matic	2	4	AutoMan-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U2B	small SUV	5	22	30	25	5	No	349
MERCEDES-BENZ GLB 250	2	4	AutoMan-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U3B	special purpose	5	23	30	26	5	No	344
MERCEDES-BENZ GLB 250	2	4	AutoMan-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U3B	special purpose	5	23	30	26	5	No	344
MERCEDES-BENZ GLB 250 4Matic	2	4	AutoMan-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ02.0U3B	small SUV	5	23	31	26	5	No	338
MERCEDES-BENZ GLB 250 4Matic	2	4	AutoMan-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ02.0U3B	small SUV	5	23	31	26	5	No	338
MERCEDES-BENZ GLC 300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small SUV	6	22	29	24	5	No	366
MERCEDES-BENZ GLC 300	2	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small SUV	6	22	29	24	5	No	366
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	374
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	377
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	374
MERCEDES-BENZ GLC 300 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXJ02.0U3A	small SUV	6	21	28	24	5	No	377
MERCEDES-BENZ GLE 580 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT04.0HY1	standard SUV	5	17	21	19	3	No	470
MERCEDES-BENZ GLE 580 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT04.0HY1	standard SUV	5	17	21	19	3	No	470
MERCEDES-BENZ GLE350	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U3A	small SUV	5	20	27	22	4	No	397
MERCEDES-BENZ GLE350	2	4	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U3A	small SUV	5	20	27	22	4	No	397
MERCEDES-BENZ GLE350 4Matic	2	4	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U3A	small SUV	5	19	26	22	4	No	404
MERCEDES-BENZ GLE350 4Matic	2	4	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U3A	small SUV	5	19	26	22	4	No	404
MERCEDES-BENZ GLE450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXT03.0HY1	standard SUV	6	19	24	21	4	No	422
MERCEDES-BENZ GLE450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXT03.0HY1	standard SUV	6	19	24	21	4	No	422
MERCEDES-BENZ GLS 580 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT04.0HY1	standard SUV	5	16	21	18	3	No	487
MERCEDES-BENZ GLS 580 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT04.0HY1	standard SUV	5	16	21	18	3	No	487

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
MERCEDES-BENZ GLS450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LMBXT03.0HY2	standard SUV	6	19	23	21	4	No	429
MERCEDES-BENZ GLS450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LMBXT03.0HY2	standard SUV	6	19	23	21	4	No	429
MERCEDES-BENZ Maybach S650	6	12	Auto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV06.0U2A	large car	3	13	21	16	2	No	572
MERCEDES-BENZ Maybach S650	6	12	Auto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV06.0U2A	large car	3	13	21	16	2	No	572
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	19	23	21	4	No	427
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	20	24	21	4	No	413
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	405
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	409
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	395
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	398
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	19	23	21	4	No	427
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	20	24	21	4	No	413
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	405
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	20	24	22	4	No	409
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	395
MERCEDES-BENZ Metris	2	4	Auto-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXT02.0U2A	special purpose	5	21	24	22	4	No	398
MERCEDES-BENZ S450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0U2A	large car	3	19	28	22	4	No	403
MERCEDES-BENZ S450	3	6	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0U2A	large car	3	19	28	22	4	No	403
MERCEDES-BENZ S450 4Matic	3	6	Auto-9	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0U2A	large car	3	18	28	22	4	No	408
MERCEDES-BENZ S450 4Matic	3	6	Auto-9	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0U2A	large car	3	18	28	22	4	No	408
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	430
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	430
MERCEDES-BENZ S560	4	8	Auto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	426

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MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	17	27	21	4	No	426
MERCEDES-BENZ S560 4Matic	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	small car	5	17	26	20	4	No	439
MERCEDES-BENZ S560 4Matic Maybach	4	8	Auto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMBXJ04.0U2A	large car	5	16	25	19	3	No	455
MERCEDES-BENZ S560 4Matic Maybach	4	8	Auto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMBXJ04.0U2A	large car	5	16	25	19	3	No	455
MERCEDES-BENZ S560 e	3	6	Auto-9	2WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0HY1	large car	3	21/58	26/73	23/64	9	No	205
MERCEDES-BENZ S560 e	3	6	Auto-9	2WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0HY1	large car	3	21/58	26/73	23/64	9	No	205
MERCEDES-BENZ SL450	3	6	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV03.0U2A	small car	3	20	28	22	4	No	395
MERCEDES-BENZ SL450	3	6	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV03.0U2A	small car	3	20	28	22	4	No	395
MERCEDES-BENZ SL550	4.7	8	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV05.5U2A	small car	3	17	25	20	4	No	435
MERCEDES-BENZ SL550	4.7	8	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV05.5U2A	small car	3	17	25	20	4	No	435
MERCEDES-BENZ SLC300	2	4	Auto-9	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LMBXV02.0U2A	small car	3	23	32	27	6	No	332
MERCEDES-BENZ SLC300	2	4	Auto-9	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LMBXV02.0U2A	small car	3	23	32	27	6	No	332
MINI Cooper Convertible	1.5	3	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper Convertible	1.5	3	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper Countryman	1.5	3	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	midsize car	7	26	33	29	6	No	307
MINI Cooper Countryman	1.5	3	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	midsize car	7	26	33	29	6	No	307
MINI Cooper Countryman All4	1.5	3	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	midsize car	7	24	33	27	6	No	322
MINI Cooper Countryman All4	1.5	3	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	midsize car	7	24	33	27	6	No	322
MINI Cooper Hardtop	1.5	3	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper Hardtop	1.5	3	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV01.5B36	small car	7	28	36	31	7	Yes	281
MINI Cooper S Clubman	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	26	34	29	6	No	304
MINI Cooper S Clubman	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	26	34	29	6	No	304
MINI Cooper S Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	23	32	26	5	No	333
MINI Cooper S Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	23	32	26	5	No	333
MINI Cooper S Convertible	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	26	34	29	6	No	304
MINI Cooper S Convertible	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	26	34	29	6	No	304
MINI Cooper S Countryman	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	24	33	28	6	No	321
MINI Cooper S Countryman	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	24	33	28	6	No	321

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MINI Cooper S Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXJ02.0B4X	midsize car	7	23	31	26	5	No	341
MINI Cooper S Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXJ02.0B4X	midsize car	7	23	31	26	5	No	341
MINI Cooper S Hardtop	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	26	35	30	7	Yes	297
MINI Cooper S Hardtop	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	26	35	30	7	Yes	297
MINI Cooper SE Countryman All4	1.5	3	SemiAuto-6	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LBMXV01.5H60	midsize car	3	29/74	30/72	29/73	10	No	175
MINI Cooper SE Countryman All4	1.5	3	SemiAuto-6	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LBMXV01.5H60	midsize car	3	29/74	30/72	29/73	10	No	175
MINI Cooper SE Hardtop	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LBMXV00.0F5B	small car	10	115	100	108	10	Elite	0
MINI Cooper SE Hardtop	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LBMXV00.0F5B	small car	10	115	100	108	10	Elite	0
MINI JCW Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	343
MINI JCW Countryman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	midsize car	3	23	30	26	5	No	343
MINI John Cooper Works Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXV02.0M48	midsize car	3	23	31	26	5	No	339
MINI John Cooper Works Clubman All4	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXV02.0M48	midsize car	3	23	31	26	5	No	339
MINI John Cooper Works Convertible	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	25	33	28	6	No	313
MINI John Cooper Works Convertible	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	25	33	28	6	No	313
MINI John Cooper Works Hardtop	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LBMXV02.0B46	small car	7	26	34	29	6	No	305
MINI John Cooper Works Hardtop	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LBMXV02.0B46	small car	7	26	34	29	6	No	305
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	338
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	338
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	25	26	25	5	No	347
MITSUBISHI Eclipse Cross	1.5	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	25	26	25	5	No	347
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	26	29	27	6	No	327
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	26	29	27	6	No	327
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	337
MITSUBISHI Eclipse Cross ES	1.5	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT01.5G5P	small SUV	5	25	28	26	5	No	337
MITSUBISHI Mirage	1.2	3	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	36	43	39	9	Yes	228
MITSUBISHI Mirage	1.2	3	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	36	43	39	9	Yes	228
MITSUBISHI Mirage	1.2	3	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	33	41	36	8	Yes	242
MITSUBISHI Mirage	1.2	3	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	33	41	36	8	Yes	242
MITSUBISHI Mirage G4	1.2	3	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	35	41	37	8	Yes	236

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MITSUBISHI Mirage G4	1.2	3	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	35	41	37	8	Yes	236
MITSUBISHI Mirage G4	1.2	3	Man-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXV01.2G5P	small car	5	33	40	35	8	Yes	252
MITSUBISHI Mirage G4	1.2	3	Man-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXV01.2G5P	small car	5	33	40	35	8	Yes	252
MITSUBISHI Outlander	2.4	4	SCV-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5Y	small SUV	5	25	30	27	6	No	326
MITSUBISHI Outlander	2.4	4	SCV-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5Y	small SUV	5	25	30	27	6	No	326
MITSUBISHI Outlander	2.4	4	SCV-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5Z	small SUV	5	24	29	26	5	No	341
MITSUBISHI Outlander	2.4	4	SCV-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5Z	small SUV	5	24	29	26	5	No	341
MITSUBISHI Outlander	3	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT03.0G5P	small SUV	5	20	27	22	4	No	402
MITSUBISHI Outlander	3	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT03.0G5P	small SUV	5	20	27	22	4	No	402
MITSUBISHI Outlander PHEV	2	4	Auto-1	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LMTXT02.0H3M	small SUV	7	25/78	26/70	25/74	10	Elite	174
MITSUBISHI Outlander PHEV	2	4	Auto-1	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LMTXT02.0H3M	small SUV	7	25/78	26/70	25/74	10	Elite	174
MITSUBISHI Outlander Sport	2	4	SCV-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	24	30	27	6	No	331
MITSUBISHI Outlander Sport	2	4	SCV-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	24	30	27	6	No	331
MITSUBISHI Outlander Sport	2	4	SCV-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	23	29	26	5	No	344
MITSUBISHI Outlander Sport	2	4	SCV-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	23	29	26	5	No	344
MITSUBISHI Outlander Sport	2.4	4	SCV-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	23	29	25	5	No	354
MITSUBISHI Outlander Sport	2.4	4	SCV-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	23	29	25	5	No	354
MITSUBISHI Outlander Sport	2.4	4	SCV-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LMTXT02.4G5P	small SUV	5	23	28	25	5	No	353
MITSUBISHI Outlander Sport	2.4	4	SCV-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LMTXT02.4G5P	small SUV	5	23	28	25	5	No	353
NISSAN 370Z	3.7	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.7NAA	small car	3	17	26	20	4	No	445
NISSAN 370Z	3.7	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.7NAA	small car	3	17	26	20	4	No	445
NISSAN 370Z	3.7	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.7NAA	small car	3	19	26	22	4	No	406
NISSAN 370Z	3.7	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.7NAA	small car	3	19	26	22	4	No	406
NISSAN 370Z Roadster	3.7	6	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.7NAA	small car	3	18	25	21	4	No	429
NISSAN 370Z Roadster	3.7	6	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.7NAA	small car	3	18	25	21	4	No	429
NISSAN Altima	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	28	39	32	7	Yes	278
NISSAN Altima	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	28	39	32	7	Yes	278
NISSAN Altima	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	26	36	30	7	Yes	300
NISSAN Altima	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	26	36	30	7	Yes	300
NISSAN Altima SR/Platinum	2	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV02.0PVA	midsize car	5	25	34	29	6	No	311
NISSAN Altima SR/Platinum	2	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV02.0PVA	midsize car	5	25	34	29	6	No	311
NISSAN Altima SR/Platinum	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	27	37	31	7	Yes	288

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NISSAN Altima SR/Platinum	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	27	37	31	7	Yes	288
NISSAN Altima SR/Platinum	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.5RPA	midsize car	7	25	35	29	6	No	307
NISSAN Altima SR/Platinum	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.5RPA	midsize car	7	25	35	29	6	No	307
NISSAN Armada	5.6	8	SemiAuto-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9C	standard SUV	3	14	19	16	2	No	553
NISSAN Armada	5.6	8	SemiAuto-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9C	standard SUV	3	14	19	16	2	No	553
NISSAN Armada	5.6	8	SemiAuto-7	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT05.6N9C	standard SUV	3	13	18	15	2	No	593
NISSAN Armada	5.6	8	SemiAuto-7	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT05.6N9C	standard SUV	3	13	18	15	2	No	593
NISSAN GT-R	3.8	6	AMS-6	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.8NBA	small car	3	16	22	18	3	No	482
NISSAN GT-R	3.8	6	AMS-6	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.8NBA	small car	3	16	22	18	3	No	482
NISSAN Kicks	1.6	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV01.6RNA	midsize car	7	31	36	33	7	Yes	268
NISSAN Kicks	1.6	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV01.6RNA	midsize car	7	31	36	33	7	Yes	268
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LNSXV0000TL2	midsize car	10	123	99	111	10	Elite	0
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LNSXV0000TL2	midsize car	10	123	99	111	10	Elite	0
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LNSXV0000TS3	midsize car	10	118	97	108	10	Elite	0
NISSAN Leaf	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LNSXV0000TS3	midsize car	10	118	97	108	10	Elite	0
NISSAN Leaf SV/SL	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LNSXV0000TS3	midsize car	10	114	94	104	10	Elite	0
NISSAN Leaf SV/SL	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LNSXV0000TS3	midsize car	10	114	94	104	10	Elite	0
NISSAN Maxima	3.5	6	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXV03.5N7B	midsize car	3	20	30	24	5	No	378
NISSAN Maxima	3.5	6	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXV03.5N7B	midsize car	3	20	30	24	5	No	378
NISSAN Murano	3.5	6	SCV-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	386
NISSAN Murano	3.5	6	SCV-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	386
NISSAN Murano	3.5	6	SCV-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	388
NISSAN Murano	3.5	6	SCV-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV03.5P7C	station wagon	5	20	28	23	5	No	388
NISSAN NV200	2	4	CVT	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT02.0N2A	special purpose	3	24	26	25	5	No	356
NISSAN NV200	2	4	CVT	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT02.0N2A	special purpose	3	24	26	25	5	No	356
NISSAN Pathfinder	3.5	6	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	20	27	23	5	No	392
NISSAN Pathfinder	3.5	6	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	20	27	23	5	No	392
NISSAN Pathfinder	3.5	6	CVT	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	401
NISSAN Pathfinder	3.5	6	CVT	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT03.5P7A	small SUV	5	20	27	22	4	No	401
NISSAN Pathfinder 4WD Platinum	3.5	6	CVT	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LNSXT03.5N7B	small SUV	3	19	26	21	4	No	414

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NISSAN Pathfinder 4WD Platinum	3.5	6	CVT	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LNSXT03.5N7B	small SUV	3	19	26	21	4	No	414
NISSAN Rogue	2.5	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXT02.5R5A	small SUV	7	26	33	29	6	No	312
NISSAN Rogue	2.5	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXT02.5R5A	small SUV	7	26	33	29	6	No	312
NISSAN Rogue	2.5	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXT02.5R5A	small SUV	7	25	32	27	6	No	324
NISSAN Rogue	2.5	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXT02.5R5A	small SUV	7	25	32	27	6	No	324
NISSAN Rogue Sport	2	4	SCV-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV02.0PMA	station wagon	5	25	32	28	6	No	317
NISSAN Rogue Sport	2	4	SCV-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV02.0PMA	station wagon	5	25	32	28	6	No	317
NISSAN Rogue Sport	2	4	SCV-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXV02.0PMA	station wagon	5	24	30	27	6	No	329
NISSAN Rogue Sport	2	4	SCV-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXV02.0PMA	station wagon	5	24	30	27	6	No	329
NISSAN Sentra	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.0RMA	midsize car	7	29	39	33	7	Yes	268
NISSAN Sentra	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.0RMA	midsize car	7	29	39	33	7	Yes	268
NISSAN Sentra SR	2	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV02.0RMA	midsize car	7	28	37	32	7	Yes	280
NISSAN Sentra SR	2	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV02.0RMA	midsize car	7	28	37	32	7	Yes	280
NISSAN Titan	5.6	8	SemiAuto-9	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT05.6P9A	pickup	5	16	22	18	3	No	490
NISSAN Titan	5.6	8	SemiAuto-9	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT05.6P9A	pickup	5	16	22	18	3	No	490
NISSAN Titan	5.6	8	SemiAuto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT05.6P9A	pickup	5	15	21	18	3	No	514
NISSAN Titan	5.6	8	SemiAuto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT05.6P9A	pickup	5	15	21	18	3	No	514
NISSAN Titan Pro-4X	5.6	8	SemiAuto-9	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LNSXT05.6P9A	pickup	5	15	21	17	3	No	524
NISSAN Titan Pro-4X	5.6	8	SemiAuto-9	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LNSXT05.6P9A	pickup	5	15	21	17	3	No	524
NISSAN Versa	1.6	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV01.6RNA	small car	7	32	40	35	8	Yes	253
NISSAN Versa	1.6	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV01.6RNA	small car	7	32	40	35	8	Yes	253
NISSAN Versa	1.6	4	Man-5	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LNSXV01.6RNA	small car	7	27	35	30	7	Yes	296
NISSAN Versa	1.6	4	Man-5	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LNSXV01.6RNA	small car	7	27	35	30	7	Yes	296
PORSCHE 718 Cayman GT4	4	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0S82	small car	3	16	23	19	3	No	473
PORSCHE 718 Cayman GT4	4	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0S82	small car	3	16	23	19	3	No	473
PORSCHE 718 Spyder	4	6	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0S82	small car	3	16	23	19	3	No	473
PORSCHE 718 Spyder	4	6	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0S82	small car	3	16	23	19	3	No	473
PORSCHE 911 Carrera	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	440
PORSCHE 911 Carrera	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	440
PORSCHE 911 Carrera 4	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	442
PORSCHE 911 Carrera 4	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	442
PORSCHE 911 Carrera 4 Cabriolet	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	443
PORSCHE 911 Carrera 4 Cabriolet	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	443
PORSCHE 911 Carrera 4S	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S	3	6	Man-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	24	20	4	No	443
PORSCHE 911 Carrera 4S	3	6	Man-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	24	20	4	No	443

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PORSCHE 911 Carrera 4S Cabriolet	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S Cabriolet	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	23	20	4	No	445
PORSCHE 911 Carrera 4S Cabriolet	3	6	Man-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	24	20	4	No	451
PORSCHE 911 Carrera 4S Cabriolet	3	6	Man-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	24	20	4	No	451
PORSCHE 911 Carrera Cabriolet	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	24	20	4	No	453
PORSCHE 911 Carrera Cabriolet	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	24	20	4	No	453
PORSCHE 911 Carrera S	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	24	20	4	No	444
PORSCHE 911 Carrera S	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	24	20	4	No	444
PORSCHE 911 Carrera S	3	6	Man-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE 911 Carrera S	3	6	Man-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE 911 Carrera S Cabriolet	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	18	23	20	4	No	444
PORSCHE 911 Carrera S Cabriolet	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	18	23	20	4	No	444
PORSCHE 911 Carrera S Cabriolet	3	6	Man-7	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE 911 Carrera S Cabriolet	3	6	Man-7	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0C92	small car	5	17	25	20	4	No	443
PORSCHE Cayenne	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	standard SUV	5	19	23	20	4	No	432
PORSCHE Cayenne	3	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	standard SUV	5	19	23	20	4	No	437
PORSCHE Cayenne	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	standard SUV	5	19	23	20	4	No	432
PORSCHE Cayenne	3	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	standard SUV	5	19	23	20	4	No	437
PORSCHE Cayenne S	2.9	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	standard SUV	5	18	22	19	3	No	460
PORSCHE Cayenne S	2.9	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	standard SUV	5	18	22	20	4	No	448
PORSCHE Cayenne S	2.9	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	standard SUV	5	18	22	19	3	No	460
PORSCHE Cayenne S	2.9	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	standard SUV	5	18	22	20	4	No	448
PORSCHE Cayenne Turbo	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXT04.0CV8	standard SUV	3	15	19	17	3	No	529
PORSCHE Cayenne Turbo	4	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXT04.0CV8	standard SUV	3	15	19	17	3	No	535

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
PORSCHE Cayenne Turbo	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXT04.0CV8	standard SUV	3	15	19	17	3	No	529
PORSCHE Cayenne Turbo	4	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXT04.0CV8	standard SUV	3	15	19	17	3	No	535
PORSCHE Cayenne e-Hybrid	3	6	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXT03.0CH6	standard SUV	3	20/45	22/37	21/41	7	No	293
PORSCHE Cayenne e-Hybrid	3	6	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXT03.0CH6	standard SUV	3	20/45	22/37	21/41	7	No	293
PORSCHE Macan	2	4	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT02.0MR4	small SUV	5	19	23	21	4	No	426
PORSCHE Macan	2	4	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT02.0MR4	small SUV	5	19	23	21	4	No	426
PORSCHE Macan GTS	2.9	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	small SUV	5	17	22	19	3	No	459
PORSCHE Macan GTS	2.9	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	small SUV	5	17	22	19	3	No	459
PORSCHE Macan S	3	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	small SUV	5	18	23	20	4	No	438
PORSCHE Macan S	3	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	small SUV	5	18	23	20	4	No	438
PORSCHE Macan Turbo	2.9	6	AMS-7	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXT03.0CV6	small SUV	5	17	22	19	3	No	463
PORSCHE Macan Turbo	2.9	6	AMS-7	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXT03.0CV6	small SUV	5	17	22	19	3	No	463
PORSCHE Panamera	3	6	AMS-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	27	22	4	No	401
PORSCHE Panamera	3	6	AMS-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	27	22	4	No	401
PORSCHE Panamera 4	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4 Executive	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4 Executive	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	26	22	4	No	407
PORSCHE Panamera 4 ST	3	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	19	26	22	4	No	403
PORSCHE Panamera 4 ST	3	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	19	26	22	4	No	403
PORSCHE Panamera 4 e-Hybrid	2.9	6	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV70	California LEV-III ULEV70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid	2.9	6	AMS-8	4WD	Gasoline/Electricity	FA	T3B70	Federal Tier 3 Bin 70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid Executive	2.9	6	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV70	California LEV-III ULEV70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid Executive	2.9	6	AMS-8	4WD	Gasoline/Electricity	FA	T3B70	Federal Tier 3 Bin 70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid ST	2.9	6	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV70	California LEV-III ULEV70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4 e-Hybrid ST	2.9	6	AMS-8	4WD	Gasoline/Electricity	FA	T3B70	Federal Tier 3 Bin 70	LPRXV02.9PH6	large car	5	21/48	24/54	23/51	8	Yes	255
PORSCHE Panamera 4S	2.9	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S	2.9	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S Executive	2.9	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S Executive	2.9	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	18	26	21	4	No	419
PORSCHE Panamera 4S ST	2.9	6	AMS-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LPRXV03.0PV6	large car	5	18	24	20	4	No	440

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
PORSCHE Panamera 4S ST	2.9	6	AMS-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LPRXV03.0PV6	large car	5	18	24	20	4	No	440
PORSCHE Panamera GTS	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	16	23	19	3	No	474
PORSCHE Panamera GTS	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	16	23	19	3	No	474
PORSCHE Panamera GTS ST	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	15	22	18	3	No	503
PORSCHE Panamera GTS ST	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	15	22	18	3	No	503
PORSCHE Panamera Turbo	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo Exec	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo Exec	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	18	25	21	4	No	420
PORSCHE Panamera Turbo S e-Hybrid	4	8	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid	4	8	AMS-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid Exec	4	8	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid Exec	4	8	AMS-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid ST	4	8	AMS-8	4WD	Gasoline/Electricity	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo S e-Hybrid ST	4	8	AMS-8	4WD	Gasoline/Electricity	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PH8	large car	3	19/46	22/51	20/48	7	No	289
PORSCHE Panamera Turbo ST	4	8	AMS-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LPRXV04.0PV8	large car	3	18	23	20	4	No	449
PORSCHE Panamera Turbo ST	4	8	AMS-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LPRXV04.0PV8	large car	3	18	23	20	4	No	449
PORSCHE Taycan 4S Perf Battery Plus	N/A	N/A	Auto-2	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LPRXV00.0EVT	large car	10	68	71	69	10	Elite	0
PORSCHE Taycan 4S Perf Battery Plus	N/A	N/A	Auto-2	4WD	Electricity	CA	ZEV	California ZEV	LPRXV00.0EVT	large car	10	68	71	69	10	Elite	0
PORSCHE Taycan Turbo	N/A	N/A	Auto-2	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LPRXV00.0EVT	large car	10	68	71	69	10	Elite	0
PORSCHE Taycan Turbo	N/A	N/A	Auto-2	4WD	Electricity	CA	ZEV	California ZEV	LPRXV00.0EVT	large car	10	68	71	69	10	Elite	0
PORSCHE Taycan Turbo S	N/A	N/A	Auto-2	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LPRXV00.0EVT	large car	10	67	68	68	10	Elite	0
PORSCHE Taycan Turbo S	N/A	N/A	Auto-2	4WD	Electricity	CA	ZEV	California ZEV	LPRXV00.0EVT	large car	10	67	68	68	10	Elite	0
RAM 1500	3	6	Auto-8	2WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LCRXT03.05PW	pickup	1	22	32	26	5	No	390
RAM 1500	3	6	Auto-8	2WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LCRXT03.05PW	pickup	1	22	32	26	5	No	390
RAM 1500	3	6	Auto-8	4WD	Diesel	CA	L3LEV160	California LEV-III LEV160	LCRXT03.05PW	pickup	1	21	29	24	4	No	418
RAM 1500	3	6	Auto-8	4WD	Diesel	FA	T3B160	Federal Tier 3 Bin 160	LCRXT03.05PW	pickup	1	21	29	24	4	No	418
RAM 1500	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	pickup	5	20	25	22	4	No	407
RAM 1500	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	pickup	5	20	25	22	4	No	407

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
RAM 1500	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	pickup	5	19	24	21	4	No	418
RAM 1500	3.6	6	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	pickup	5	19	24	21	4	No	418
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P1	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P1	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT05.75P4	pickup	5	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT05.75P4	pickup	5	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P7	pickup	3	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P7	pickup	3	15	22	17	3	No	514
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P8	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P8	pickup	3	17	23	19	3	No	467
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P1	pickup	3	17	22	19	3	No	474
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P1	pickup	3	17	22	19	3	No	474
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT05.75P4	pickup	5	15	21	17	3	No	523
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT05.75P4	pickup	5	15	21	17	3	No	523
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P7	pickup	3	15	21	17	3	No	523
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P7	pickup	3	15	21	17	3	No	523
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P8	pickup	3	17	22	19	3	No	474
RAM 1500	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P8	pickup	3	17	22	19	3	No	474
RAM 1500 Classic	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT03.65P1	pickup	3	17	25	20	4	No	450
RAM 1500 Classic	3.6	6	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT03.65P1	pickup	3	17	25	20	4	No	450
RAM 1500 Classic	3.6	6	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT03.65P1	pickup	3	16	23	19	3	No	475
RAM 1500 Classic	3.6	6	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT03.65P1	pickup	3	16	23	19	3	No	475
RAM 1500 Classic	5.7	8	Auto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P2	pickup	3	15	22	17	3	No	513
RAM 1500 Classic	5.7	8	Auto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P2	pickup	3	15	22	17	3	No	513
RAM 1500 Classic	5.7	8	Auto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LCRXT05.75P2	pickup	3	15	21	17	3	No	526
RAM 1500 Classic	5.7	8	Auto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LCRXT05.75P2	pickup	3	15	21	17	3	No	526
RAM 1500 HFE	3.6	6	Auto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LCRXT03.65P7	pickup	5	20	26	23	5	No	394
RAM 1500 HFE	3.6	6	Auto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LCRXT03.65P7	pickup	5	20	26	23	5	No	394
RAM Promaster City	2.4	4	Auto-9	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LCRXT02.45P1	special purpose	6	21	28	24	5	No	374
RAM Promaster City	2.4	4	Auto-9	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LCRXT02.45P1	special purpose	6	21	28	24	5	No	374
ROLLS-ROYCE Cullinan	6.7	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Cullinan	6.7	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Cullinan Black Badge	6.7	12	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Cullinan Black Badge	6.7	12	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	station wagon	3	12	20	14	1	No	619
ROLLS-ROYCE Dawn	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	small car	3	12	18	14	1	No	637
ROLLS-ROYCE Dawn	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	small car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Ghost EWB	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	large car	3	12	18	14	1	No	637

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ROLLS-ROYCE Ghost EWB	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	large car	3	12	18	14	1	No	637
ROLLS-ROYCE Phantom	6.7	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Phantom	6.7	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Phantom EWB	6.7	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Phantom EWB	6.7	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.7N74	large car	3	12	20	14	1	No	615
ROLLS-ROYCE Wraith	6.6	12	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRRGV06.6N74	midsize car	3	12	18	14	1	No	624
ROLLS-ROYCE Wraith	6.6	12	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRRGV06.6N74	midsize car	3	12	18	14	1	No	624
ROUSH F150	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH F150	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH F150	5	8	SemiAuto-10	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH F150	5	8	SemiAuto-10	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIT05.03DP	pickup	3	11	15	13	1	No	689
ROUSH Stage 3 Mustang	5	8	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIV05.0VKN	small car	3	13	20	15	2	No	570
ROUSH Stage 3 Mustang	5	8	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIV05.0VKN	small car	3	13	20	15	2	No	570
ROUSH Stage 3 Mustang	5	8	SemiAuto-10	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LRIIV05.0VKN	small car	3	12	18	14	1	No	618
ROUSH Stage 3 Mustang	5	8	SemiAuto-10	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LRIIV05.0VKN	small car	3	12	18	14	1	No	618
SUBARU Ascent	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	standard SUV	3	21	27	23	5	No	386
SUBARU Ascent	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	standard SUV	3	21	27	23	5	No	386
SUBARU Ascent Limited/Touring	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	standard SUV	3	20	26	22	4	No	401
SUBARU Ascent Limited/Touring	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	standard SUV	3	20	26	22	4	No	401
SUBARU BRZ	2	4	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	21	29	24	5	No	372
SUBARU BRZ	2	4	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	21	29	24	5	No	372
SUBARU BRZ	2	4	SemiAuto-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	24	33	27	6	No	322
SUBARU BRZ	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	24	33	27	6	No	322
SUBARU BRZ tS	2	4	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	20	27	23	5	No	384
SUBARU BRZ tS	2	4	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	20	27	23	5	No	384
SUBARU Crosstrek	2	4	Man-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	22	29	25	5	No	355
SUBARU Crosstrek	2	4	Man-6	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	22	29	25	5	No	355
SUBARU Crosstrek	2	4	SCV-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	27	33	30	7	Yes	298
SUBARU Crosstrek	2	4	SCV-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	27	33	30	7	Yes	298
SUBARU Crosstrek Hybrid	2	4	CVT	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LFJXT02.0EVC	small SUV	7	36/99	35/80	35/90	10	Elite	151
SUBARU Crosstrek Hybrid	2	4	CVT	4WD	Gasoline/Electricity	FA	T3B50	Federal Tier 3 Bin 50	LFJXT02.0EVC	small SUV	6	36/99	35/80	35/90	10	Yes	151
SUBARU Forester	2.5	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	26	33	29	6	No	309
SUBARU Forester	2.5	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	26	33	29	6	No	309
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	23	31	26	5	No	337
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	24	31	26	5	No	335
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	23	31	26	5	No	337

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
SUBARU Impreza	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	24	31	26	5	No	335
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	28	36	31	7	Yes	282
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	28	36	31	7	Yes	288
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	28	36	31	7	Yes	282
SUBARU Impreza	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	28	36	31	7	Yes	288
SUBARU Impreza 4-Door Sport	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	23	31	26	5	No	337
SUBARU Impreza 4-Door Sport	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	23	31	26	5	No	337
SUBARU Impreza 4-Door Sport	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	midsize car	7	27	36	30	7	Yes	291
SUBARU Impreza 4-Door Sport	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	midsize car	6	27	36	30	7	Yes	291
SUBARU Impreza 5-Door Sport	2	4	Man-5	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	22	30	25	5	No	351
SUBARU Impreza 5-Door Sport	2	4	Man-5	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	22	30	25	5	No	351
SUBARU Impreza 5-Door Sport	2	4	SCV-7	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	station wagon	7	27	35	30	7	Yes	292
SUBARU Impreza 5-Door Sport	2	4	SCV-7	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	station wagon	6	27	35	30	7	Yes	292
SUBARU Legacy	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	large car	3	24	32	27	6	No	330
SUBARU Legacy	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	large car	3	24	32	27	6	No	330
SUBARU Legacy	2.5	4	SCV-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	large car	7	27	35	30	7	Yes	295
SUBARU Legacy	2.5	4	SCV-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	large car	6	27	35	30	7	Yes	295
SUBARU Outback AWD	2.4	4	SCV-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LFJXJ02.4CZA	small SUV	3	23	30	26	5	No	343
SUBARU Outback AWD	2.4	4	SCV-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LFJXJ02.4CZA	small SUV	3	23	30	26	5	No	343
SUBARU Outback AWD	2.5	4	SCV-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LFJXJ02.5BUY	small SUV	7	26	33	29	6	No	308
SUBARU Outback AWD	2.5	4	SCV-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LFJXJ02.5BUY	small SUV	6	26	33	29	6	No	308
SUBARU WRX	2	4	Man-6	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0FPT	small car	1	21	27	23	5	No	382
SUBARU WRX	2	4	Man-6	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0FPT	small car	1	21	27	23	5	No	382
SUBARU WRX	2	4	SCV-8	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0FPT	small car	1	18	24	21	4	No	422
SUBARU WRX	2	4	SCV-8	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0FPT	small car	1	18	24	21	4	No	422
SUBARU WRX	2.5	4	Man-6	4WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.5JHZ	small car	1	16	22	19	3	No	486
SUBARU WRX	2.5	4	Man-6	4WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.5JHZ	small car	1	16	22	19	3	No	486
TESLA Model 3 Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range Perform 18"	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0

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TESLA Model 3 Long Range Perform 18"	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	124	116	121	10	Elite	0
TESLA Model 3 Long Range Perform 19"	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	119	112	116	10	Elite	0
TESLA Model 3 Long Range Perform 19"	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	119	112	116	10	Elite	0
TESLA Model 3 Long Range Perform 20"	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L23	midsize car	10	118	107	113	10	Elite	0
TESLA Model 3 Long Range Perform 20"	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L23	midsize car	10	118	107	113	10	Elite	0
TESLA Model 3 Mid Range	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	128	117	123	10	Elite	0
TESLA Model 3 Mid Range	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	128	117	123	10	Elite	0
TESLA Model 3 Standard Range	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	138	124	131	10	Elite	0
TESLA Model 3 Standard Range	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	138	124	131	10	Elite	0
TESLA Model 3 Standard Range Plus	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	148	132	141	10	Elite	0
TESLA Model 3 Standard Range Plus	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	148	132	141	10	Elite	0
TESLA Model 4 Long Range	N/A	N/A	Auto-1	2WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L13	midsize car	10	136	123	130	10	Elite	0
TESLA Model 4 Long Range	N/A	N/A	Auto-1	2WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L13	midsize car	10	136	123	130	10	Elite	0
TESLA Model S Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	115	107	111	10	Elite	0
TESLA Model S Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	115	107	111	10	Elite	0
TESLA Model S Long Range Plus	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	122	111	117	10	Elite	0
TESLA Model S Long Range Plus	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	122	111	117	10	Elite	0
TESLA Model S Performance (19")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	104	104	104	10	Elite	0
TESLA Model S Performance (19")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	104	104	104	10	Elite	0
TESLA Model S Performance (21")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	98	96	97	10	Elite	0
TESLA Model S Performance (21")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	98	96	97	10	Elite	0
TESLA Model S Standard Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2S	large car	10	113	105	109	10	Elite	0
TESLA Model S Standard Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2S	large car	10	113	105	109	10	Elite	0

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TESLA Model X Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	99	93	96	10	Elite	0
TESLA Model X Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	99	93	96	10	Elite	0
TESLA Model X Long Range Plus	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	108	101	105	10	Elite	0
TESLA Model X Long Range Plus	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	108	101	105	10	Elite	0
TESLA Model X Performance (20")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	90	89	90	10	Elite	0
TESLA Model X Performance (20")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	90	89	90	10	Elite	0
TESLA Model X Performance (22")	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	80	77	79	10	Elite	0
TESLA Model X Performance (22")	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	80	77	79	10	Elite	0
TESLA Model X Standard Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2X	standard SUV	10	105	98	101	10	Elite	0
TESLA Model X Standard Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2X	standard SUV	10	105	98	101	10	Elite	0
TESLA Model Y Long Range	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2Y	small SUV	10	127	114	121	10	Elite	0
TESLA Model Y Long Range	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2Y	small SUV	10	127	114	121	10	Elite	0
TESLA Model Y Performance	N/A	N/A	Auto-1	4WD	Electricity	FA	T3B0	Federal Tier 3 Bin 0	LTSLV00.0L2Y	small SUV	10	129	112	121	10	Elite	0
TESLA Model Y Performance	N/A	N/A	Auto-1	4WD	Electricity	CA	ZEV	California ZEV	LTSLV00.0L2Y	small SUV	10	129	112	121	10	Elite	0
TOYOTA 4Runner	4	6	SemiAuto-5	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	503
TOYOTA 4Runner	4	6	SemiAuto-5	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	503
TOYOTA 4Runner	4	6	SemiAuto-5	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	515
TOYOTA 4Runner	4	6	SemiAuto-5	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT04.0M5S	standard SUV	5	16	19	17	3	No	515
TOYOTA 86	2	4	Man-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	21	28	24	5	No	373
TOYOTA 86	2	4	Man-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	21	28	24	5	No	373
TOYOTA 86	2	4	SemiAuto-6	2WD	Gasoline	CA	L3LEV160	California LEV-III LEV160	LFJXV02.0AJM	small car	1	24	32	27	6	No	328
TOYOTA 86	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B160	Federal Tier 3 Bin 160	LFJXV02.0AJM	small car	1	24	32	27	6	No	328
TOYOTA Avalon	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Avalon	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Avalon Hybrid	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P33	midsize car	7	43	43	43	9	Yes	203
TOYOTA Avalon Hybrid	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P33	midsize car	7	43	43	43	9	Yes	203

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TOYOTA Avalon Hybrid XLE	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
TOYOTA Avalon Hybrid XLE	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P33	midsize car	7	43	44	44	9	Yes	201
TOYOTA Avalon XLE	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	341
TOYOTA Avalon XLE	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	341
TOYOTA C-HR	2	4	SCV-7	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV02.0K6B	small car	3	27	31	29	6	No	305
TOYOTA C-HR	2	4	SCV-7	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV02.0K6B	small car	3	27	31	29	6	No	305
TOYOTA Camry	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P3A	midsize car	7	29	41	34	8	Yes	264
TOYOTA Camry	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P3A	midsize car	7	29	41	34	8	Yes	264
TOYOTA Camry	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	33	26	5	No	338
TOYOTA Camry	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	33	26	5	No	338
TOYOTA Camry Hybrid LE	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P35	midsize car	7	51	53	52	10	Elite	170
TOYOTA Camry Hybrid LE	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P35	midsize car	7	51	53	52	10	Elite	170
TOYOTA Camry Hybrid XLE/SE	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P35	midsize car	7	44	47	46	10	Elite	195
TOYOTA Camry Hybrid XLE/SE	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P35	midsize car	7	44	47	46	10	Elite	195
TOYOTA Camry LE/SE	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P3A	midsize car	7	28	39	32	7	Yes	279
TOYOTA Camry LE/SE	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P3A	midsize car	7	28	39	32	7	Yes	279
TOYOTA Camry LE/SE	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	midsize car	6	25	34	29	6	No	309
TOYOTA Camry LE/SE	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	midsize car	6	25	34	29	6	No	309
TOYOTA Camry TRD	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Camry TRD	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	31	25	5	No	354
TOYOTA Camry XLE/XSE	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV02.5P3A	midsize car	7	27	38	31	7	Yes	284
TOYOTA Camry XLE/XSE	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV02.5P3A	midsize car	7	27	38	31	7	Yes	284
TOYOTA Camry XLE/XSE	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	midsize car	6	25	34	28	6	No	315
TOYOTA Camry XLE/XSE	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	midsize car	6	25	34	28	6	No	315
TOYOTA Camry XSE	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	345
TOYOTA Camry XSE	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV03.5M5B	midsize car	5	22	32	26	5	No	345
TOYOTA Corolla	1.8	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV01.8M5B	small car	5	30	38	33	7	Yes	267
TOYOTA Corolla	1.8	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV01.8M5B	small car	5	30	38	33	7	Yes	267
TOYOTA Corolla	1.8	4	Man-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV01.8M5B	small car	5	29	39	33	7	Yes	266
TOYOTA Corolla	1.8	4	Man-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV01.8M5B	small car	5	29	39	33	7	Yes	266
TOYOTA Corolla	2	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	29	36	32	7	Yes	277
TOYOTA Corolla	2	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	29	36	32	7	Yes	277
TOYOTA Corolla	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	31	40	34	8	Yes	257
TOYOTA Corolla	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	31	40	34	8	Yes	257
TOYOTA Corolla Hatchback	2	4	Man-6	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	28	37	31	7	Yes	280
TOYOTA Corolla Hatchback	2	4	Man-6	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	28	37	31	7	Yes	280
TOYOTA Corolla Hatchback	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	32	41	35	8	Yes	250

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Model Year 2020 Green Vehicle Guide

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
TOYOTA Corolla Hatchback	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	32	41	35	8	Yes	250
TOYOTA Corolla Hatchback XSE	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	30	38	33	7	Yes	266
TOYOTA Corolla Hatchback XSE	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	30	38	33	7	Yes	266
TOYOTA Corolla Hybrid	1.8	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P33	small car	7	53	52	52	10	Elite	170
TOYOTA Corolla Hybrid	1.8	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P33	small car	7	53	52	52	10	Elite	170
TOYOTA Corolla XLE	1.8	4	CVT	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXV01.8M5B	small car	5	29	37	32	7	Yes	274
TOYOTA Corolla XLE	1.8	4	CVT	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXV01.8M5B	small car	5	29	37	32	7	Yes	274
TOYOTA Corolla XSE	2	4	SCV-10	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXV02.0N4B	small car	6	31	38	34	8	Yes	265
TOYOTA Corolla XSE	2	4	SCV-10	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXV02.0N4B	small car	6	31	38	34	8	Yes	265
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	20	28	23	5	No	386
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	21	29	24	5	No	372
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	20	28	23	5	No	386
TOYOTA Highlander	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	21	29	24	5	No	372
TOYOTA Highlander	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	387
TOYOTA Highlander	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	small SUV	5	20	27	23	5	No	387
TOYOTA Highlander Hybrid	2.5	4	SCV-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P34	small SUV	7	36	35	36	8	Yes	245
TOYOTA Highlander Hybrid	2.5	4	SCV-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P34	small SUV	7	36	35	36	8	Yes	245
TOYOTA Highlander Hybrid	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P34	standard SUV	7	35	35	35	8	Yes	254
TOYOTA Highlander Hybrid	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P34	standard SUV	7	35	35	35	8	Yes	254
TOYOTA Highlander Hybrid LTD/PLAT	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P34	standard SUV	7	35	34	35	8	Yes	251
TOYOTA Highlander Hybrid LTD/PLAT	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P34	standard SUV	7	35	34	35	8	Yes	251
TOYOTA Land Cruiser	5.7	8	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXT05.7K6Y	standard SUV	3	13	17	14	1	No	618
TOYOTA Land Cruiser	5.7	8	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXT05.7K6Y	standard SUV	3	13	17	14	1	No	618
TOYOTA Mirai	N/A	N/A	CVT	2WD	Hydrogen	FA	T3B0	Federal Tier 3 Bin 0	LTYXV00.0DA7	small car	10	67	67	67	10	Elite	0
TOYOTA Mirai	N/A	N/A	CVT	2WD	Hydrogen	CA	ZEV	California ZEV	LTYXV00.0DA7	small car	10	67	67	67	10	Elite	0
TOYOTA Prius	1.8	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P34	midsize car	7	54	50	52	10	Elite	169
TOYOTA Prius	1.8	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P34	midsize car	7	54	50	52	10	Elite	169
TOYOTA Prius	1.8	4	CVT	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P33	midsize car	7	52	48	50	10	Elite	176
TOYOTA Prius	1.8	4	CVT	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P33	midsize car	7	52	48	50	10	Elite	176
TOYOTA Prius Eco	1.8	4	CVT	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P34	midsize car	7	58	53	56	10	Elite	158
TOYOTA Prius Eco	1.8	4	CVT	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P34	midsize car	7	58	53	56	10	Elite	158
TOYOTA Prius Prime	1.8	4	CVT	2WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LTYXV01.8P35	midsize car	7	55/145	53/121	54/133	10	Elite	78

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
TOYOTA Prius Prime	1.8	4	CVT	2WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LTYXV01.8P35	midsize car	7	55/145	53/121	54/133	10	Elite	78
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	26	35	30	7	Yes	301
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	28	35	30	7	Yes	290
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	26	35	30	7	Yes	301
TOYOTA RAV4	2.5	4	SemiAuto-8	2WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	28	35	30	7	Yes	290
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	25	33	28	6	No	315
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	27	33	29	6	No	301
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	25	33	28	6	No	315
TOYOTA RAV4	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	27	33	29	6	No	301
TOYOTA RAV4 Hybrid	2.5	4	SCV-6	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LTYXT02.5P3N	small SUV	7	41	38	40	9	Yes	223
TOYOTA RAV4 Hybrid	2.5	4	SCV-6	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LTYXT02.5P3N	small SUV	7	41	38	40	9	Yes	223
TOYOTA RAV4 LE	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	27	34	30	7	Yes	296
TOYOTA RAV4 LE	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	27	34	30	7	Yes	296
TOYOTA RAV4 TRD Offroad	2.5	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV50	California LEV-III ULEV50	LTYXJ02.5N4L	small SUV	6	25	32	27	6	No	321
TOYOTA RAV4 TRD Offroad	2.5	4	SemiAuto-8	4WD	Gasoline	FA	T3B50	Federal Tier 3 Bin 50	LTYXJ02.5N4L	small SUV	6	25	32	27	6	No	321
TOYOTA Sequoia	5.7	8	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	standard SUV	5	13	17	15	2	No	609
TOYOTA Sequoia	5.7	8	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	standard SUV	5	13	17	15	2	No	609
TOYOTA Sequoia	5.7	8	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	standard SUV	5	13	17	14	1	No	618
TOYOTA Sequoia	5.7	8	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	standard SUV	5	13	17	14	1	No	618
TOYOTA Sienna	3.5	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	minivan	5	19	26	21	4	No	417
TOYOTA Sienna	3.5	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	minivan	5	19	26	21	4	No	417
TOYOTA Sienna	3.5	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5M	minivan	5	18	24	20	4	No	441
TOYOTA Sienna	3.5	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5M	minivan	5	18	24	20	4	No	441
TOYOTA Supra 3.0	3	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LBMXJ03.0B07	small car	3	24	31	26	5	No	334
TOYOTA Supra 3.0	3	6	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LBMXJ03.0B07	small car	3	24	31	26	5	No	334
TOYOTA Tacoma	2.7	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT02.7M5P	pickup	5	20	23	21	4	No	423
TOYOTA Tacoma	2.7	4	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT02.7M5P	pickup	5	20	23	21	4	No	423
TOYOTA Tacoma	2.7	4	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT02.7M5P	pickup	5	19	22	20	4	No	441
TOYOTA Tacoma	2.7	4	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT02.7M5P	pickup	5	19	22	20	4	No	441
TOYOTA Tacoma	3.5	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	17	21	18	3	No	481
TOYOTA Tacoma	3.5	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	17	21	18	3	No	481
TOYOTA Tacoma	3.5	6	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	19	24	21	4	No	431
TOYOTA Tacoma	3.5	6	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	19	24	21	4	No	431
TOYOTA Tacoma	3.5	6	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	18	22	20	4	No	448
TOYOTA Tacoma	3.5	6	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	18	22	20	4	No	448
TOYOTA Tacoma D-CAB MT TRD-ORP/PRO	3.5	6	Man-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT03.5M5N	pickup	5	17	20	18	3	No	483

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Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
TOYOTA Tacoma D-CAB MT TRD-ORP/PRO	3.5	6	Man-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT03.5M5N	pickup	5	17	20	18	3	No	483
TOYOTA Tundra	5.7	8	SemiAuto-6	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	pickup	5	13	18	15	2	No	595
TOYOTA Tundra	5.7	8	SemiAuto-6	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	pickup	5	13	18	15	2	No	595
TOYOTA Tundra	5.7	8	SemiAuto-6	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LTYXT05.7M5W	pickup	5	13	17	14	1	No	614
TOYOTA Tundra	5.7	8	SemiAuto-6	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LTYXT05.7M5W	pickup	5	13	17	14	1	No	614
TOYOTA Yaris	1.5	4	Man-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV01.5K6A	small car	3	30	39	34	8	No	264
TOYOTA Yaris	1.5	4	Man-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV01.5K6A	small car	3	30	39	34	8	No	264
TOYOTA Yaris	1.5	4	SemiAuto-6	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LTYXV01.5K6A	small car	3	32	40	35	8	No	252
TOYOTA Yaris	1.5	4	SemiAuto-6	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LTYXV01.5K6A	small car	3	32	40	35	8	No	252
VOLKSWAGEN Arteon	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0VAB	station wagon	3	22	29	25	5	No	354
VOLKSWAGEN Arteon	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0VAB	station wagon	3	22	29	25	5	No	354
VOLKSWAGEN Arteon 4Motion	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAV02.0VAB	station wagon	3	20	29	23	5	No	377
VOLKSWAGEN Arteon 4Motion	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAV02.0VAB	station wagon	3	20	29	23	5	No	377
VOLKSWAGEN Atlas	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0VAA	small SUV	3	20	24	22	4	No	408
VOLKSWAGEN Atlas	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0VAA	small SUV	3	20	24	22	4	No	408
VOLKSWAGEN Atlas	3.6	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.6VAS	small SUV	5	17	23	19	3	No	461
VOLKSWAGEN Atlas	3.6	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.6VAS	small SUV	5	17	23	19	3	No	461
VOLKSWAGEN Atlas 4Motion	3.6	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.6VAS	standard SUV	5	16	22	19	3	No	480
VOLKSWAGEN Atlas 4Motion	3.6	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.6VAS	standard SUV	5	16	22	19	3	No	480
VOLKSWAGEN Atlas Cross Sport	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0VAA	small SUV	3	21	24	22	4	No	401
VOLKSWAGEN Atlas Cross Sport	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0VAA	small SUV	3	21	24	22	4	No	401
VOLKSWAGEN Atlas Cross Sport	3.6	6	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.6VAS	small SUV	5	17	23	19	3	No	461
VOLKSWAGEN Atlas Cross Sport	3.6	6	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.6VAS	small SUV	5	17	23	19	3	No	461
VOLKSWAGEN Atlas Cross Sport 4Motion	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV125	California LEV-III ULEV125	LVGAT02.0VAA	small SUV	3	18	23	20	4	No	439
VOLKSWAGEN Atlas Cross Sport 4Motion	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B125	Federal Tier 3 Bin 125	LVGAT02.0VAA	small SUV	3	18	23	20	4	No	439
VOLKSWAGEN Atlas Cross Sport 4Motion	3.6	6	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAT03.6VAS	small SUV	5	16	22	19	3	No	480
VOLKSWAGEN Atlas Cross Sport 4Motion	3.6	6	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAT03.6VAS	small SUV	5	16	22	19	3	No	480
VOLKSWAGEN GTI	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	24	32	27	6	No	327
VOLKSWAGEN GTI	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	24	32	27	6	No	327
VOLKSWAGEN GTI	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	24	32	27	6	No	326

*Vehicles may be added throughout the model year. Please check back for updates.

Model Year 2020 Green Vehicle Guide

*(Limited to releasable data submitted to EPA on or earlier than 04/20/2020)**

Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
VOLKSWAGEN GTI	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	24	32	27	6	No	326
VOLKSWAGEN Golf	1.4	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV01.4V3P	small car	7	28	36	31	7	Yes	285
VOLKSWAGEN Golf	1.4	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV01.4V3P	small car	7	28	36	31	7	Yes	285
VOLKSWAGEN Golf	1.4	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV01.4V3P	small car	7	29	35	32	7	Yes	280
VOLKSWAGEN Golf	1.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV01.4V3P	small car	7	29	35	32	7	Yes	280
VOLKSWAGEN Jetta	1.4	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV01.4V3P	small car	7	30	40	34	8	Yes	262
VOLKSWAGEN Jetta	1.4	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV01.4V3P	small car	7	30	40	34	8	Yes	262
VOLKSWAGEN Jetta	1.4	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVGAV01.4V7P	small car	5	30	40	34	8	Yes	261
VOLKSWAGEN Jetta	1.4	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVGAV01.4V7P	small car	5	30	40	34	8	Yes	261
VOLKSWAGEN Jetta	2	4	AMS-7	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	25	32	28	6	No	315
VOLKSWAGEN Jetta	2	4	AMS-7	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	25	32	28	6	No	315
VOLKSWAGEN Jetta	2	4	Man-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAV02.0V3T	small car	7	25	33	28	6	No	319
VOLKSWAGEN Jetta	2	4	Man-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAV02.0V3T	small car	7	25	33	28	6	No	319
VOLKSWAGEN Passat	2	4	SemiAuto-6	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0V3A	midsize car	7	23	34	27	6	No	330
VOLKSWAGEN Passat	2	4	SemiAuto-6	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0V3A	midsize car	7	23	34	27	6	No	330
VOLKSWAGEN Tiguan	2	4	SemiAuto-8	2WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0V3A	small SUV	7	22	29	25	5	No	356
VOLKSWAGEN Tiguan	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0V3A	small SUV	7	22	29	25	5	No	356
VOLKSWAGEN Tiguan 4Motion	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVGAJ02.0V3A	small SUV	7	20	27	23	5	No	388
VOLKSWAGEN Tiguan 4Motion	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVGAJ02.0V3A	small SUV	7	20	27	23	5	No	388
VOLVO S60	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small car	5	23	34	27	6	No	322
VOLVO S60	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small car	5	23	34	27	6	No	322
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	small car	7	21	32	25	5	No	352
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	small car	7	21	32	25	5	No	352
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	small car	7	28/70	33/68	30/69	10	Elite	151
VOLVO S60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	small car	7	28/70	33/68	30/69	10	Elite	151
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	midsize car	7	21	31	25	5	No	357
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	midsize car	7	21	31	25	5	No	357
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	midsize car	7	28/58	31/64	30/60	10	Elite	159
VOLVO S90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	midsize car	7	28/58	31/64	30/60	10	Elite	159
VOLVO V60	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	station wagon	5	23	34	27	6	No	322
VOLVO V60	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	station wagon	5	23	34	27	6	No	322
VOLVO V60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	station wagon	7	28/70	33/68	30/69	10	Elite	151
VOLVO V60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	station wagon	7	28/70	33/68	30/69	10	Elite	151
VOLVO V60 CC	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	station wagon	5	22	31	25	5	No	354

*Vehicles may be added throughout the model year. Please check back for updates.

Model Year 2020 Green Vehicle Guide

*(Limited to releasable data submitted to EPA on or earlier than 04/20/2020)**

Model	Displ	Cyl	Trans	Drive	Fuel	Cert Region	Stnd	Stnd Description	Underhood ID	Veh Class	Air Pollution Score	City MPG	Hwy MPG	Cmb MPG	Greenhouse Gas Score	SmartWay	Comb CO2
VOLVO V60 CC	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	station wagon	5	22	31	25	5	No	354
VOLVO V90	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	station wagon	5	22	33	26	5	No	339
VOLVO V90	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	station wagon	5	22	33	26	5	No	339
VOLVO V90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	station wagon	7	21	31	25	5	No	357
VOLVO V90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	station wagon	7	21	31	25	5	No	357
VOLVO V90 CC	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	station wagon	7	20	30	24	5	No	373
VOLVO V90 CC	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	station wagon	7	20	30	24	5	No	373
VOLVO XC40	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small SUV	5	23	33	27	6	No	331
VOLVO XC40	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	23	33	27	6	No	331
VOLVO XC40	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	22	30	25	5	No	352
VOLVO XC60	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small SUV	5	22	29	24	5	No	362
VOLVO XC60	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	22	29	24	5	No	362
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	small SUV	7	20	27	23	5	No	386
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	small SUV	7	20	27	23	5	No	386
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	small SUV	5	20	27	23	5	No	387
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	small SUV	5	20	27	23	5	No	387
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	small SUV	7	26/56	28/57	27/57	10	Elite	192
VOLVO XC60	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	small SUV	7	26/56	28/57	27/57	10	Elite	192
VOLVO XC90	2	4	SemiAuto-8	2WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	standard SUV	5	21	30	25	5	No	361
VOLVO XC90	2	4	SemiAuto-8	2WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	standard SUV	5	21	30	25	5	No	361
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0S30	standard SUV	7	18	26	21	4	No	429
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0S30	standard SUV	7	18	26	21	4	No	429
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	CA	L3ULEV70	California LEV-III ULEV70	LVVXJ02.0U70	standard SUV	5	20	27	23	5	No	387
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline	FA	T3B70	Federal Tier 3 Bin 70	LVVXJ02.0U70	standard SUV	5	20	27	23	5	No	387
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	CA	L3SULEV30	California LEV-III SULEV30	LVVXJ02.0P30	standard SUV	7	26/58	28/52	27/55	10	Elite	193
VOLVO XC90	2	4	SemiAuto-8	4WD	Gasoline/Electricity	FA	T3B30	Federal Tier 3 Bin 30	LVVXJ02.0P30	standard SUV	7	26/58	28/52	27/55	10	Elite	193

*Vehicles may be added throughout the model year. Please check back for updates.

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 5/19/2020 6:27:41 PM
To: Cullen, Daniel [Cullen.Daniel@epa.gov]; Kimball, Joshua [kimball.joshua@epa.gov]; Kochunas, Kathryn [kochunas.kathryn@epa.gov]; Ott, William [ott.william@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Snyder, Jim [Snyder.Jim@epa.gov]
CC: Wehrly, Linc [wehrly.linc@epa.gov]; Ball, Joel [ball.joel@epa.gov]; Dalton, Joel [Dalton.Joel@epa.gov]; Good, David [good.david@epa.gov]
Subject: Tesla Model S review of MCT data and target coefficients
Attachments: Model S label data.xlsx

Flag: Follow up

Attached is a spreadsheet listing the Model S variants Tesla produces and some of the fuel economy label results. I put this together to try and understand the differences we are seeing among the Model S variants. Tesla has generated data for 5 unique Model S variants. All of the variants used the same front motor, front and rear transaxle ratio. The rear transaxle ratio is the same and the all variants use an AC induction motor for the rear motor, the two performance variants have a 375 kW rear motor while the others have a 193 kW rear motor. Since the rear motor is an AC induction motor it has a mechanical neutral, while the front motor being a permanent magnet motor does not have a true neutral and Tesla must generate a neutral torque when a coastdown and/or a road load derivation is performed.

There are a couple of interesting things about the road load results that are demonstrated in the spreadsheet. The Standard Range and the Long Range Plus are the same vehicle – same front and rear motors, same front and rear axle ratio, same tires, and same ETW and while the road load coefficients are similar the road load power required at 65 mph is 0.8 hp lower for the Long Range Plus than the Standard Range. This indicates to me that the vehicle has some aerodynamic difference which should not be the case. I would expect the road load values for these two vehicles at the same ETW to be exactly the same.

Another difference which does not make a great deal of sense is the difference in road loads between the Model S Long Range and the Model S Performance 19" wheels. These vehicles are exactly the same except for the rear motor, which I would not expect would have much of an impact on the road load forces, the ETW is the same, the tires are the same, and the front motor and front and rear axle ratios are the same. However at 50 mph the Model S Performance 19" has a higher road load power requirement. However, the Model S Performance has a lower energy consumption on the steady speed portion of the MCT than the Model S Long range. Both MCTs were performed at 55 mph and most likely the front motor was providing all of the power to drive the vehicle (both vehicles utilize the same front motor).

The steady-speed portions of the MCT tests for all variants of the Models S are listed in the column headed Wtd SS ECdc. This is the average DC energy consumption in wh/mi observed during the 1st and 2nd steady speed portions of the MCT test. All data listed in the spreadsheet are data that were generated by Tesla. The steady-speed portion of the MCT was performed at the same speed 55 mph for all of the Model S variants except for the Long Range Plus which was driven at 65 mph.

The column titled vehicle efficiency was calculated by dividing the battery DC discharge energy during the steady speed portion of the MCT by the road load energy at that speed based on the target coast down coefficients. The road load energy requirement was determined by dividing the road load force by the vehicle speed and converting to watt-hr/mile from ft-lb/mile. While all of the vehicle efficiencies are impressive, the Performance variant efficiency values do not seem plausible at 98.4% and 99.5%. It would be good for you guys to check my math if you're looking for something to do, to ensure that I have not made any mistakes.

The last three columns are the 5-cycle rounded results for each of the variants. I thought it would be good to compare the steady speed portions of the MCT with the 5-cycle unrounded adjusted highway result. I do not find that the 5-cycle values track the 55 mph MCT steady-speed results, this does not seem to make sense either.

Anyway, let me know if you have any questions with the data or with any of conclusions I am drawing from my review of the results.

Thanks,

David

Message

From: Gibson, Robert [gibsonrc@ornl.gov]
Sent: 8/5/2020 3:50:46 PM
To: Bluestein, Linda [linda.bluestein@ee.doe.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Dafoe, Wendy [wendy.dafoe@nrel.gov]; Gibson, Robert [gibsonrc@ornl.gov]; Good, David [good.david@epa.gov]; Pugliese, Holly [pugliese.holly@epa.gov]; 'Smith, Dennis' [dennis.a.smith@ee.doe.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Zaremski, Sara [zaremski.sara@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Davis, Stacy [davissc@ornl.gov]; Graff, Michelle [graff.michelle@epa.gov]; Kimball, Joshua [kimball.joshua@epa.gov]
Subject: Fuel Economy Guide Text Edits for 2021
Attachments: FEG2020.docx

Hello Everyone,

This is just a friendly reminder that Fuel Economy Guide text changes are due to me by August 12th.

The attached document is a copy of the 2020 FEG text in Word.

Please use the Track Changes feature to note any suggested changes.

Let me know if you have questions.

Thanks.

Robert C. Gibson
Center for Transportation Research
University of Tennessee
National Transportation Research Center, Room I-17
2360 Cherahala Blvd.
Knoxville, Tennessee 37932
TEL: 865-946-1481
FAX: 865-946-1314
gibsonrc@ornl.gov
www.fueleconomy.gov

Message

From: Gibson, Robert [gibsonrc@ornl.gov]
Sent: 8/25/2020 2:10:02 PM
To: Bluestein, Linda [linda.bluestein@ee.doe.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Dafoe, Wendy [wendy.dafoe@nrel.gov]; Gibson, Robert [gibsonrc@ornl.gov]; Good, David [good.david@epa.gov]; Pugliese, Holly [pugliese.holly@epa.gov]; 'Smith, Dennis' [dennis.a.smith@ee.doe.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Davis, Stacy [davissc@ornl.gov]; Graff, Michelle [graff.michelle@epa.gov]; Kimball, Joshua [kimball.joshua@epa.gov]; Moses, Darryl [moses.darryl@epa.gov]; Laughlin, Michael [michael.laughlin@ee.doe.gov]; Hopson, Janet [hopsonjl@ornl.gov]
Subject: Revised Text for 2021 Fuel Economy Guide
Attachments: FEG2021_082520.pdf

Hello Everyone,

Attached is the revised text for the *2021 Fuel Economy Guide.*

Most of the text is the same as last year with a few notable exceptions:

- Dates have been changed where appropriate.
- Alternative fuel filling station estimates have been updated.
- Greenhouse gas emissions estimates on page 2 have been updated.
- The photo on page 3 has been changed. The old photo was people in a dealership showroom. Please let me know if you have objections or comments regarding the new photo.
- The Federal Tax Credits text on page 3 has been revised to let consumers know about the phase-out dates for Tesla and GM vehicles.

Some non-text content has not yet been updated---such as the sample EPA label on the back, the front cover, fuel economy leaders---and of course the data is not yet complete.

Please review the text and let me know if you have comments or suggestions.

Thanks.

Robert C. Gibson
Center for Transportation Research
University of Tennessee
National Transportation Research Center, Room I-17
2360 Cherahala Blvd.
Knoxville, Tennessee 37932
TEL: 865-946-1481
FAX: 865-946-1314
gibsonrc@ornl.gov
www.fueleconomy.gov

FUEL ECONOMY GUIDE MODEL YEAR 2020

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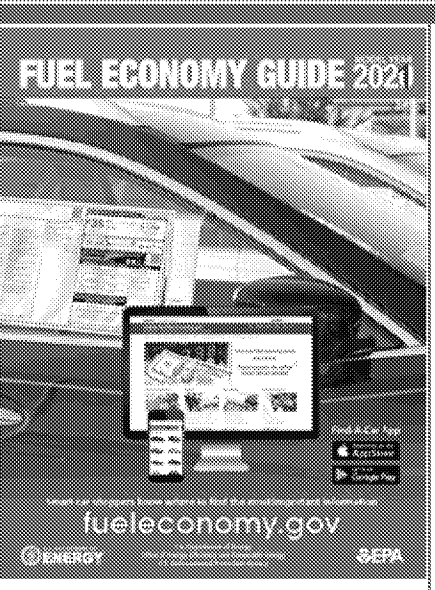
U.S. DEPARTMENT OF ENERGY

U.S. Department of Energy
Office of Energy Efficiency and Renewable Energy
U.S. Environmental Protection Agency
UPDATED: August 25, 2020

EPA



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3 Fuel Economy Saves You Money
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The U.S. Environmental Protection Agency (EPA) and U.S. Department of Energy (DOE) produce the *Fuel Economy Guide* to help car buyers choose the most fuel-efficient vehicle that meets their needs. The *Guide* is available on the Web at **fueleconomy.gov**.

Fuel Economy Estimates

The purpose of EPA's fuel economy estimates is to provide a reliable basis for comparing vehicles.

Most vehicles in this guide (other than plug-in hybrids) have three fuel economy estimates:

- A "city" estimate that represents urban driving, in which a vehicle is started in the morning (after being parked all night) and driven in stop-and-go traffic
- A "highway" estimate that represents a mixture of rural and interstate highway driving in a warmed-up vehicle, typical of longer trips in free-flowing traffic
- A "combined" estimate that represents a combination of city driving (55%) and highway driving (45%)

Estimates for all vehicles are based on laboratory testing under standardized conditions to allow for fair comparisons.

Flexible fuel vehicles (FFVs), which can use gasoline and E85, have estimates for both fuels. Plug-in hybrid electric vehicles (PHEVs) have estimates for (1) electric-only or blended electric and gasoline operation and (2) gasoline-only operation. PHEVs are discussed in more detail on page 24. For answers to frequently asked questions about fuel economy estimates, visit **fueleconomy.gov**.

Annual Fuel Cost Estimates

This guide provides annual fuel cost estimates, rounded to the nearest $50, for each vehicle. The estimates are based on the assumptions that you travel 15,000 miles per year (55% under city driving conditions and 45% under highway conditions) and that fuel costs $2.18/gallon for regular unleaded gasoline, $2.59/gallon for mid-grade unleaded gasoline, and $2.83/gallon for premium. Cost-per-gallon assumptions for vehicles that use other fuel types are discussed at the beginning of those vehicle sections.

Visit **fueleconomy.gov** to personalize fuel costs based on current fuel prices and your driving habits.

Your Fuel Economy Will Vary

EPA's fuel economy values are good estimates of the fuel economy a typical driver will achieve under average driving conditions and provide a good basis to compare one vehicle to another. Still, your fuel economy may be slightly higher or lower than EPA's estimates. Fuel economy varies, sometimes significantly, based on driving conditions, driving style, and other factors.

To ensure that estimates are consistent across different makes and models, the EPA estimates are based on a standardized, repeatable testing procedure. These tests model an "average" driver's environment and behavior based on real-world conditions, such as stop-and-go traffic.

However, it is impossible for a single test to predict fuel economy precisely for all drivers in all environments. For example, the following factors can lower your vehicle's fuel economy:

- Aggressive driving (speeding and hard acceleration and hard braking)
- Excessive idling, accelerating, and braking in stop-and-go traffic
- Cold weather (engines are more efficient when warmed up). The impact is greater for short trips.
- Driving with a heavy load or with the air conditioner running
- Improperly tuned engine or under-inflated tires
- Driving on mountainous or hilly terrain
- High-performance or snow tires
- Use of remote starters

In addition, small variations in vehicle manufacturing can cause fuel economy variations in the same make and model, and some vehicles don't attain maximum fuel economy until they are "broken in" (around 3,000–5,000 miles).

With fuel-efficient driving techniques, drivers may also achieve better fuel economy than the EPA estimates. See "Improve Your Fuel Economy" on page 6 for tips on maximizing your fuel economy.

The EPA ratings are a useful tool for comparing vehicles because they are always done in precisely the same way under the same set of conditions. However, they may not accurately predict the fuel economy *you* will get. This is also true for annual fuel cost estimates. For more information on fuel economy ratings and factors that affect fuel economy, visit **fueleconomy.gov**.

HOW THE *GUIDE* IS ORGANIZED

Fuel economy estimates for all vehicles begin with the "2021 Model Year Vehicles" section on page 10. Vehicles are organized by EPA vehicle class and, for trucks and vans, drive type (two- or four-wheel drive).

Additional sections are dedicated to specific vehicle technology or fuel types for consumers looking for advanced vehicles or alternatives to gasoline vehicles—diesels, plug-in hybrids, all-electric vehicles, flex-fuel vehicles, and fuel cell vehicles.

WHY SOME VEHICLES ARE NOT LISTED

Light-duty fuel economy regulations do not apply to

- Sport utility vehicles (SUVs) and passenger vans with a gross vehicle weight rating (GVWR) of more than 10,000 pounds—GVWR is the vehicle weight plus carrying capacity
- Other vehicles with a GVWR of 8,500 pounds or more or a curb weight over 6,000 pounds

Therefore, manufacturers do not have to estimate their fuel economy, and fuel economy labels are not posted on their windows. Also, fuel economy information on some vehicles was not available in time to be included in this guide. More up-to-date information can be found at **fueleconomy.gov**.

VEHICLE CLASSES USED IN THIS GUIDE

CARS		TRUCKS	
Class	**Passenger & Cargo Volume** (cu. ft.)	**Class**	**Gross Vehicle Weight Rating*** (pounds)
TWO-SEATER CARS	Any	**PICKUP TRUCKS**	
SEDANS		Small	Under 6,000
Minicompact	Under 85	Standard	6,000 to 8,500
Subcompact	85 to 99	**VANS**	
Compact	100 to 109	Passenger	Under 10,000
Midsize	110 to 119	Cargo	Under 8,500
Large	120 or more	**MINIVANS**	Under 8,500
STATION WAGONS		**SPORT UTILITY VEHICLES**	
Small	Under 130	Small	Under 6,000
Midsize	130 to 159	Standard	6,000 to 9,999
Large	160 or more	**SPECIAL PURPOSE VEHICLES**	Under 8,5000

*Gross vehicle weight rating - vehicle weight plus carrying capacity

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We hope you'll find the *Fuel Economy Guide* easy to use! Fuel economy and annual fuel cost data are organized by vehicle class (see page 1 for a list of classes). Within each class, vehicles are listed alphabetically by manufacturer and model.

Vehicle models with different features, such as engine size or transmission type, are listed separately. Engine and transmission attributes are shown in the first column under the model name.

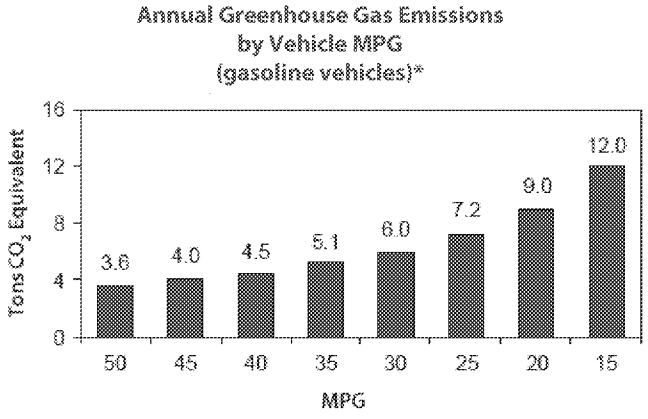
Additional attributes needed to distinguish among vehicles (e.g., fuel type or suggested fuel grade) are listed in the "Notes" column. A legend for abbreviations is provided on page 10.

A "P" in the "Notes" column indicates that the manufacturer *recommends* that the vehicle be fueled with premium-grade gasoline, and a "PR" indicates that the manufacturer *requires* premium. The higher price of premium fuel is reflected in the annual fuel cost of these vehicles.

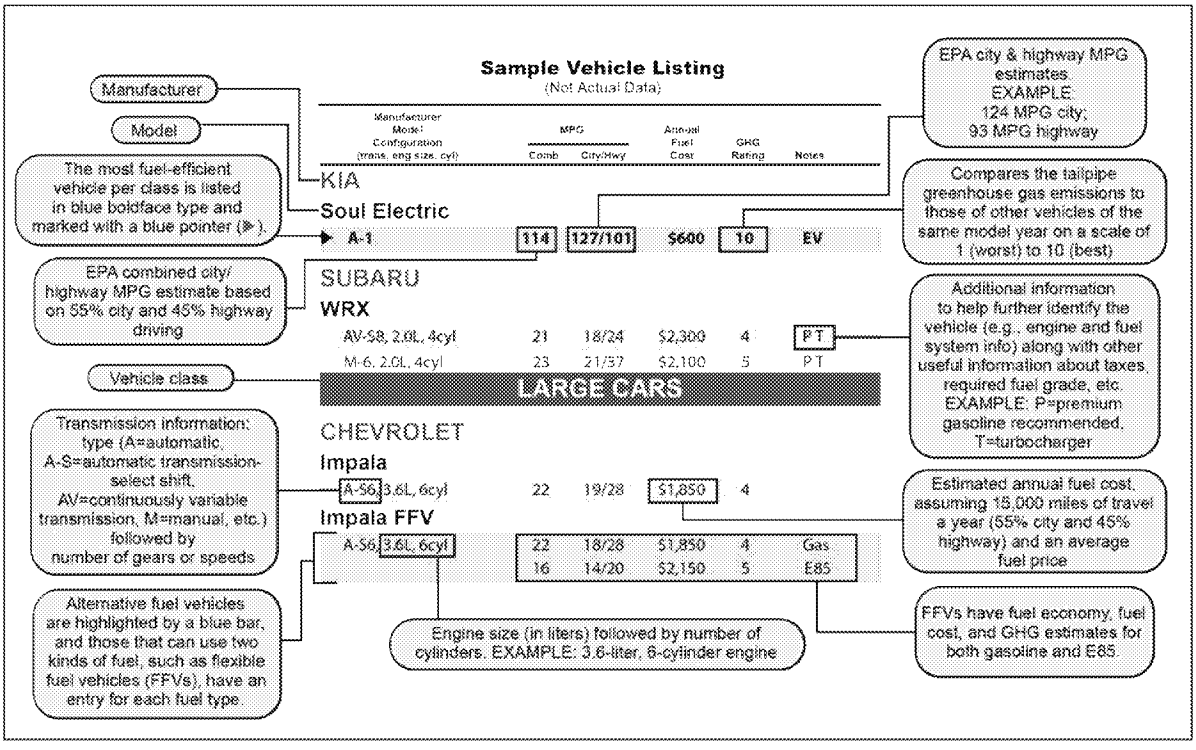
The most fuel-efficient vehicles in each class and alternative fuel vehicles are indicated with special markings (see the diagram below). Vehicles that can use more than one kind of fuel have an entry for each fuel type. Interior passenger and cargo volumes are located in the index at the back of the *Guide*.

Each vehicle listing includes a greenhouse gas (GHG) rating on a scale of 1 (worst) to 10 (best). This rating is a comparison of the tailpipe GHG emissions of the vehicle to those of other vehicles of the same model year.

Highway vehicles account for about 24% (1.7 billion tons) of U.S. greenhouse gas emissions each year. The average recent-model vehicle causes the release of 6 to 9 tons of GHGs each year. Switching from a vehicle that gets 20 miles per gallon (MPG) to one that gets 25 MPG can reduce GHG emissions by 1.7 tons per year.



*Includes both tailpipe and upstream emissions



TAX INCENTIVES AND DISINCENTIVES

Federal Tax Credits

You may be eligible for a federal income tax credit of up to $7,500 if you purchase a qualifying electric or plug-in hybrid vehicle in 2020–2021. Note that the federal tax credit begins to phase out for each manufacturer after it has sold more than 200,000 qualifying vehicles. Therefore, Tesla vehicles purchased after 12/31/2019 and General Motors vehicles purchased after 3/31/2020 are not eligible. Visit **fueleconomy.gov** for more information on qualifying models, credit amounts, and phase-out dates.

Gas Guzzler Tax

The Energy Tax Act of 1978 requires auto companies to pay a "gas guzzler" tax on the sale of cars with exceptionally low fuel economy. Such vehicles are identified in the *Guide* by the word "Tax" in the "Notes" column. In the dealer showroom, the words "Gas Guzzler" and the tax amount are listed on the vehicle's fuel economy label. The tax does not apply to light trucks.

FUEL ECONOMY SAVES YOU MONEY

The average household spends about one-fifth of its total family expenditures on transportation, making it the second most expensive category after housing. You could save as much as $1,000 (or more) in fuel costs each year by choosing the most fuel-efficient vehicle in a particular class. This can add up to thousands of dollars over a vehicle's lifetime. Fuel-efficient models come in all shapes and sizes, so you need not sacrifice utility or size.

Each vehicle listing in the *Fuel Economy Guide* provides an estimated annual fuel cost (see page i). The Find and Compare Cars tool at **fueleconomy.gov** features an annual fuel cost calculator that allows you to insert your local gasoline prices and typical driving conditions (percentage of city and highway driving) to obtain more accurate fuel cost information for your vehicle.

Ethanol Blends—E85, E15, and E10

Ethanol is a domestically produced, renewable fuel made primarily from corn and sugar cane. The use of ethanol as a vehicle fuel can reduce greenhouse gas (GHG) emissions.

E10 is a blend of 10% ethanol and 90% gasoline and is legal for use in any gasoline-powered vehicle. Most of the gasoline sold in the U.S. contains up to 10% ethanol to boost octane, meet air quality requirements, or satisfy the federal Renewable Fuel Standard. As of 2011, EPA began allowing the use of E15 in model year 2001 and newer gasoline vehicles. Ethanol contains about one-third less energy than gasoline. So, vehicles will typically go 3%–4% fewer miles per gallon on E10 and 4%–5% fewer miles per gallon on E15 than on 100% gasoline. While E10 is available everywhere, E15 is currently available at about 2,000 stations in the United States.

E85 (or flex fuel) is a high-level ethanol-gasoline blend containing 51%–83% ethanol, depending on the season and geographic location. Drivers can use E85 in flexible fuel vehicles (FFVs), which are specially designed to run on gasoline, E85, or any mixture of the two. FFVs are offered by several vehicle manufacturers. To determine whether your vehicle is an FFV, check the inside of your car's fuel filler door for an identification sticker or consult your owner's manual. More than 3,600 filling stations in the United States currently sell E85. Visit **afdc.energy.gov/locator/stations** to find stations near you.

FFVs typically experience a 15%–27% drop in fuel economy when operating on E85 instead of regular gasoline due to ethanol's lower energy content and other factors, assuming gasoline typically contains about 10% ethanol. Drivers should notice no degradation in performance. In fact, some FFVs produce more torque and horsepower when fueled with higher-level ethanol blends.

Biodiesel

Biodiesel is a domestically produced renewable fuel manufactured from vegetable oils or animal fats for use in diesel vehicles. Using biodiesel in place of petroleum diesel can reduce GHG emissions.

Biodiesel can be blended with petroleum diesel at any percentage. B20 is a common biodiesel blend that contains 20% biodiesel and 80% petroleum diesel. B5 (5% biodiesel and 95% petroleum diesel) is another common blend. All vehicle manufacturers have approved biodiesel blends up to and including B5 for use in all diesel engines, and some have approved the use of blends up to B20 in a few recent model year vehicles. Keep in mind that using higher-level biodiesel blends may affect your vehicle warranty. Check your owner's manual or check with your vehicle manufacturer to determine the right blend for your vehicle.

Purchase commercial-grade biodiesel from a reputable dealer. Never refuel with recycled grease or vegetable oil that has not been converted to biodiesel. It will damage your engine.

About 300 stations currently dispense B20. Visit **afdc.energy.gov/locator/stations** to find service stations selling biodiesel near you.

Premium- vs Regular-Grade Gasoline

Regular unleaded (87 octane) is the recommended fuel for most gasoline vehicles. Using a higher-octane gasoline than recommended by the owner's manual does not improve performance or fuel efficiency under normal conditions. Check your owner's manual for the recommended grade of fuel for your vehicle, and visit **fueleconomy.gov** for more information about selecting the right octane for your vehicle.

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Charging Your Electric or Plug-in Hybrid Vehicle

Electric vehicle (EV) and plug-in hybrid owners have several charging options. Many owners will do most of their charging at home. Some workplaces, businesses, and multi-unit dwellings (condos/apartments) provide charging, and there are about 26,000 public charging stations across the country.

There are three basic types of charging:

- **Level 1 charging:** You can plug into a regular 120-volt (V) outlet—the kind found in your home. This is the slowest type of charging—about 2 to 5 miles of range per hour of charging—but requires no special charger or outlet type. Most, if not all, plug-in vehicles are equipped with a cord to allow this type of charging.

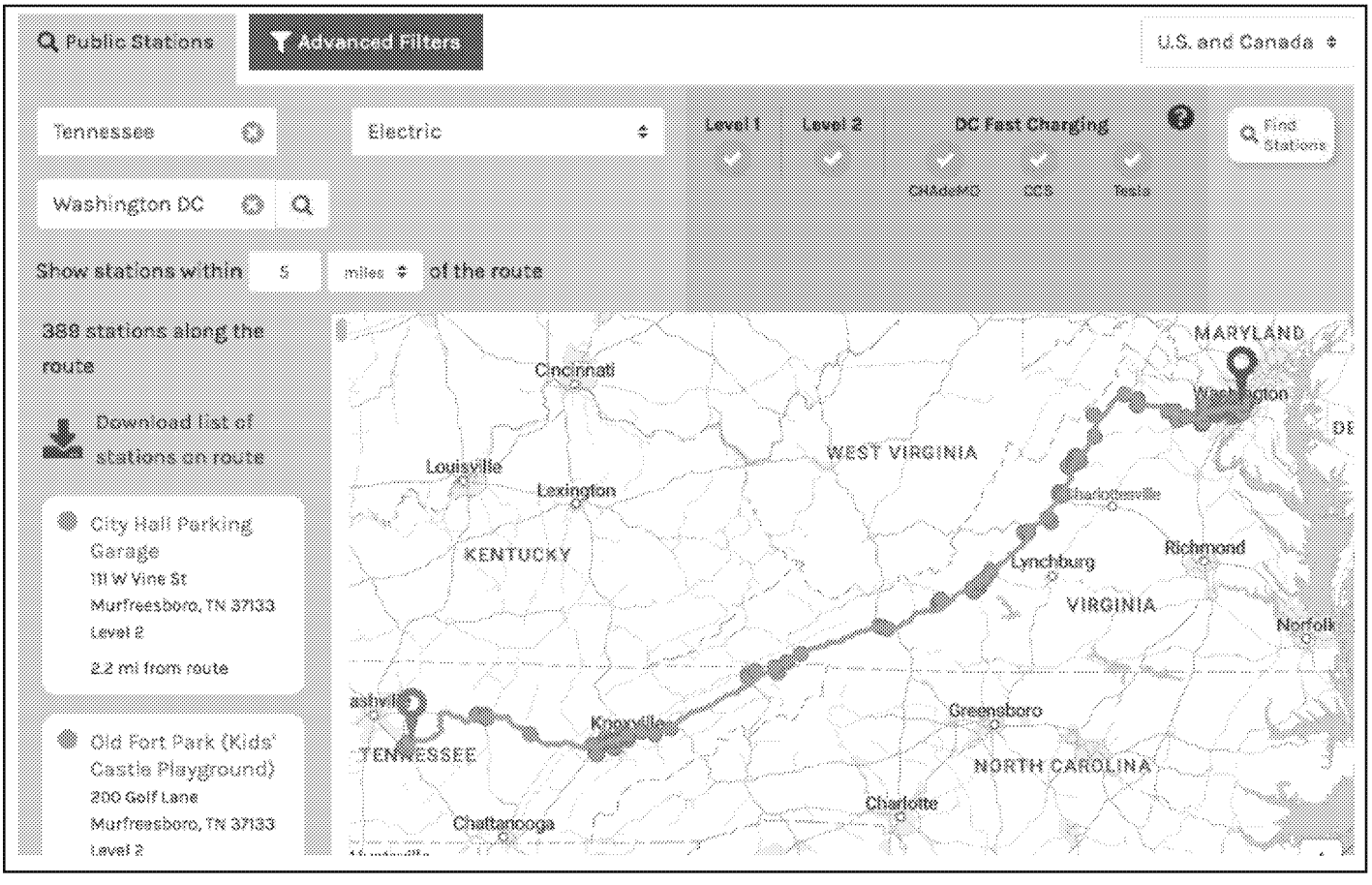
- **Level 2 charging:** These chargers supply current at 208 to 240 V and provide 10 to 20 miles of range per hour of charging. Most public chargers are Level 2 chargers. You can also have a Level 2 charger installed at home. Most public chargers use a standard plug type that is compatible with all vehicles from major manufacturers. Tesla charging stations use a different plug type that cannot be used by other vehicles. However, Tesla provides an adaptor that allows its vehicles to use both Tesla and standard Level 2 charging stations.

- **Fast charging:** Also called DC fast charging or DC quick charging, this is the fastest kind of charging, providing 60 to 80 miles of range (or more) to the battery in 20 minutes. Not all vehicles can accept fast charging, nor do all vehicles use the same type of plug for DC fast charging, so check your owner's manual. Quick charging stations are usually located along heavy traffic corridors. Due to expense and electric current requirements, they are not practical for home installation.

Note: Charge rate can vary based on vehicle model. So, check the owner's manual for estimated charge time. Charge rate also depends on other factors, such as the battery's state of charge and the ambient temperature. Visit **afdc.energy.gov/fuels/electricity_infrastructure.html** for more information.

ALTERNATIVE FUELING STATION LOCATOR

Wondering where you can fuel up your alternative fuel vehicle? The Alternative Fueling Station Locator can help you find a station near you or within a given distance from a planned route. The Station Locator shows fueling locations for ethanol, electricity, biodiesel, propane, natural gas, and hydrogen. Check it out at **afdc.energy.gov/stations**.



Drive More Efficiently

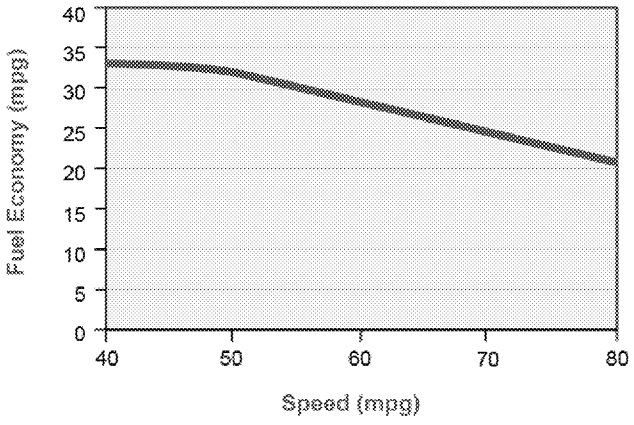
∞ Aggressive driving (speeding and rapid acceleration/braking) can lower your gas mileage by roughly 15%–30% at highway speeds and 10%–40% in stop-and-go traffic.

Driver feedback devices can help you drive more efficiently, improving fuel economy by up to 10%.

∞ Observe the speed limit. Each 5 MPH you drive over 60 MPH can reduce your fuel economy by 7%. For a personalized estimate of the effect of speeding on your fuel economy, visit **fueleconomy.gov**.

∞ Avoid idling. Idling gets 0 miles per gallon and costs as much as $0.02 per minute.

∞ Using cruise control on the highway helps you maintain a constant speed and, in most cases, will save fuel.



Keep Your Car in Shape

∞ Servicing a car that is noticeably out of tune can improve your gas mileage by about 4%.

∞ Keeping tires inflated to the recommended pressure can typically improve fuel economy by 0.6%.

The manufacturer's recommended tire pressure can be found on the tire information placard and/or vehicle certification label located on the vehicle door edge, doorpost, glove-box door, or inside the trunk lid.

∞ Using the recommended grade of motor oil can improve your fuel economy by 1%–2% if you've been using the wrong grade.

∞ Keep your tires aligned and balanced.

∞ Replacing a clogged air filter can improve gas mileage on older cars with carbureted engines.

Plan and Combine Trips

∞ A warmed-up engine is more fuel-efficient than a cold one. Many short trips taken from a cold start can use twice as much fuel as one multipurpose trip covering the same distance.

Note: Letting your car idle to warm up doesn't help your fuel economy: it actually uses more fuel and creates more pollution.

Other Solutions

∞ Avoid carrying unneeded items. An extra 100 pounds can decrease fuel economy by about 1%.

∞ Avoid carrying cargo on your roof. A large, blunt rooftop cargo box, for example, can reduce fuel economy by 2%–8% in city driving, 6%–17% on the highway, and 10%–25% at interstate speeds (65 to 75 MPH).

Rear-mount cargo boxes or trays reduce fuel economy by much less (1%–2% in city driving and 1%–5% on the highway).

∞ Use the "economy mode" feature if your vehicle has one.

For more tips on improving fuel economy, such as cold-weather tips; hot-weather tips; and tips for hybrids, plug-in hybrids, and all-electric vehicles, visit **fueleconomy.gov**.

Tips for Electric and Hybrid Vehicles

Most of the driving tips for conventional vehicles will also help increase the range of electric vehicles and hybrids. In addition to the driving tips above, the tips below will help you get the most out of your electric or hybrid vehicle.

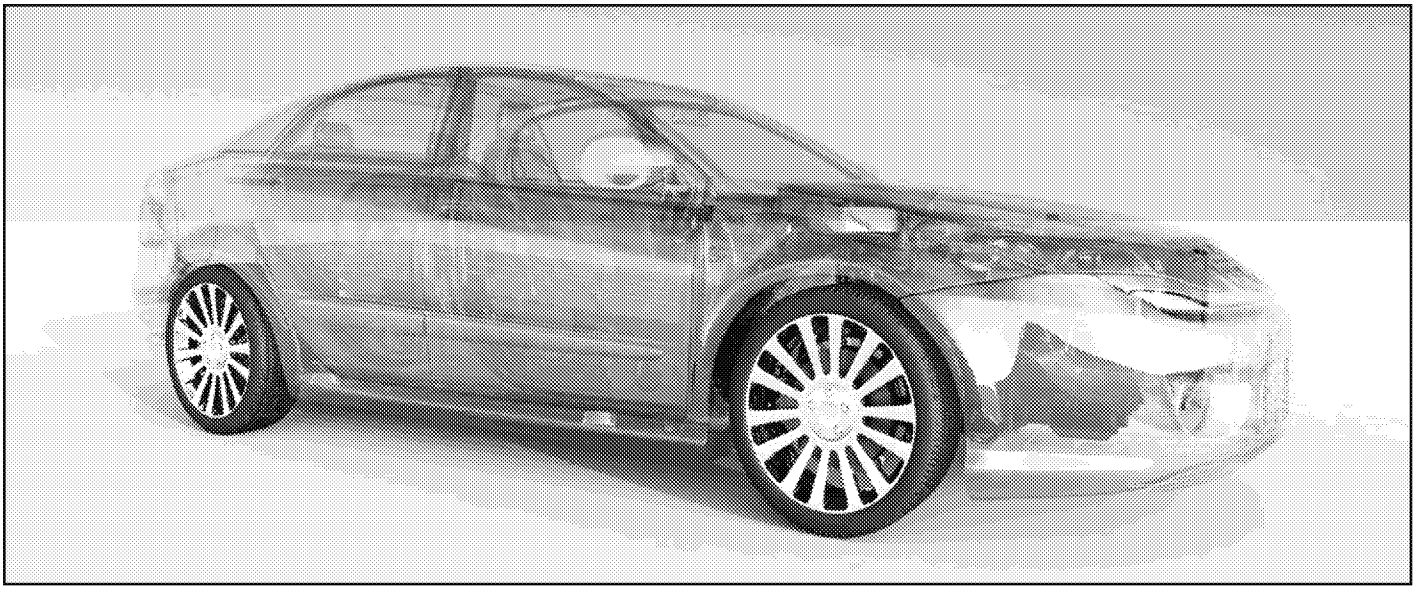
1. **Read your owner's manual.** The automaker knows how to operate and maintain your vehicle to maximize fuel economy, driving range, and battery life. So, consult the owner's manual for tips specific to your vehicle.

2. **Use the economy (Eco) mode.** Many of these vehicles come with an "economy mode" or similar feature to improve fuel economy. You can often turn on this feature by just pressing a button.

3. **Avoid hard braking.** Anticipate stops and brake gently or moderately. This allows the regenerative braking system to recover energy from the vehicle's forward motion and store it as electricity. Hard braking causes the vehicle to use its conventional friction brakes, which do not recover energy.

4. **Keep the battery charged.** Keeping your plug-in hybrid's battery charged helps you use as much electricity and as little gasoline as possible, saving you fuel and money and extending the vehicle's range. For EVs, it helps maximize your driving range.

5. **Use accessories wisely.** Using accessories such as heating, air conditioning, and entertainment systems can lower fuel economy more for electric vehicles and hybrids than for conventional vehicles. So, keep that in mind when trying to maximize fuel economy or electric range. Pre-heating or pre-cooling the cabin of a plug-in hybrid or EV while it's plugged in, for example, can extend its electric range.



Manufacturers are using advanced technologies to improve fuel economy in many of their vehicles. Along with plug-in hybrids, all-electric vehicles, and fuel cell vehicles, new technologies are also being used to make conventional vehicles more efficient. Some of these fuel-saving technologies are described below. For more information, visit **fueleconomy.gov**.

Hybrid Vehicles

Hybrids combine the best features of the internal combustion engine with an electric motor and can significantly improve fuel economy. They are primarily propelled by an internal combustion engine, just like conventional vehicles. However, they also use regenerative braking to convert energy normally wasted during coasting and braking into electricity. The recovered electricity is stored in a battery until needed by the electric motor. The electric motor assists the engine when accelerating or hill climbing and at low speeds, where internal combustion engines are least efficient.

Fuel efficiency can vary significantly among different hybrid models due to battery and electric motor size. Hybrids with larger batteries and electric motors, sometimes called "full" or "strong" hybrids, can store more electricity and provide more power to assist the gasoline engine. Some can even run on the electric motor alone for short distances. Hybrids with smaller batteries and electric motors are often referred to as "mild" hybrids. Mild hybrid systems have a smaller effect on fuel economy. In the *Guide* listings, full hybrids are indicated by "HEV" in the "Notes" column, while mild hybrids are indicated by "MHEV."

Note: Unlike plug-in hybrids (described on page 24), conventional hybrids cannot be plugged into an external source of electricity to be recharged or run on electricity for any substantial distance. Instead, gasoline and regenerative braking provide all of the vehicle's energy.

Stop-Start Systems

Stop-start systems (sometimes called "idle-stop," "smart start," or other manufacturer-specific names) save fuel by turning off the engine when the vehicle comes to a stop and automatically starting it back up when you step on the accelerator. Stop-start can improve fuel economy by up to 5% and provides the biggest benefit in conditions where the engine would otherwise be idling, such as stop-and-go city driving. These systems are currently available on all hybrids and on hundreds of conventional vehicle models.

Cylinder Deactivation

Cylinder deactivation "turns off" some of the engine's cylinders when they are not needed. This temporarily and seamlessly turns an 8- or 6-cylinder engine into a more efficient 4- or 3-cylinder engine.

Turbocharging

Turbocharging increases engine power, allowing a smaller, more fuel-efficient engine to be used in place of a larger one. Replacing an 8-cylinder engine with a turbocharged 6-cylinder or a 6-cylinder engine with a turbocharged 4-cylinder can save fuel and still provide extra power when needed.

Advanced Transmissions

The advanced electronics in today's vehicles can optimize gear shifting for improved fuel efficiency. Six-, 7-, and 8-speed automatic transmissions are most common, and some have even more gears. Continuously variable transmissions (CVTs) can change seamlessly through an infinite number of "gears." Transmissions with more gears allow the engine to run at its most efficient speed more often, improving fuel economy.

Improved Aerodynamics

Reducing a vehicle's aerodynamic drag (wind resistance) improves fuel economy, especially at higher speeds. Many manufacturers are improving aerodynamics by refining vehicle shapes or by employing external moving parts such as "shutters" that close off the grill, allowing air to flow smoothly around the vehicle instead of into the engine compartment, where it produces more drag.

Lighter Vehicles

Reducing vehicle weight improves fuel economy, so manufacturers are beginning to redesign vehicles to weigh less while maintaining performance and safety. For example, replacing a steel body with one made from a lighter-weight material, such as aluminum, can reduce vehicle weight by hundreds of pounds.

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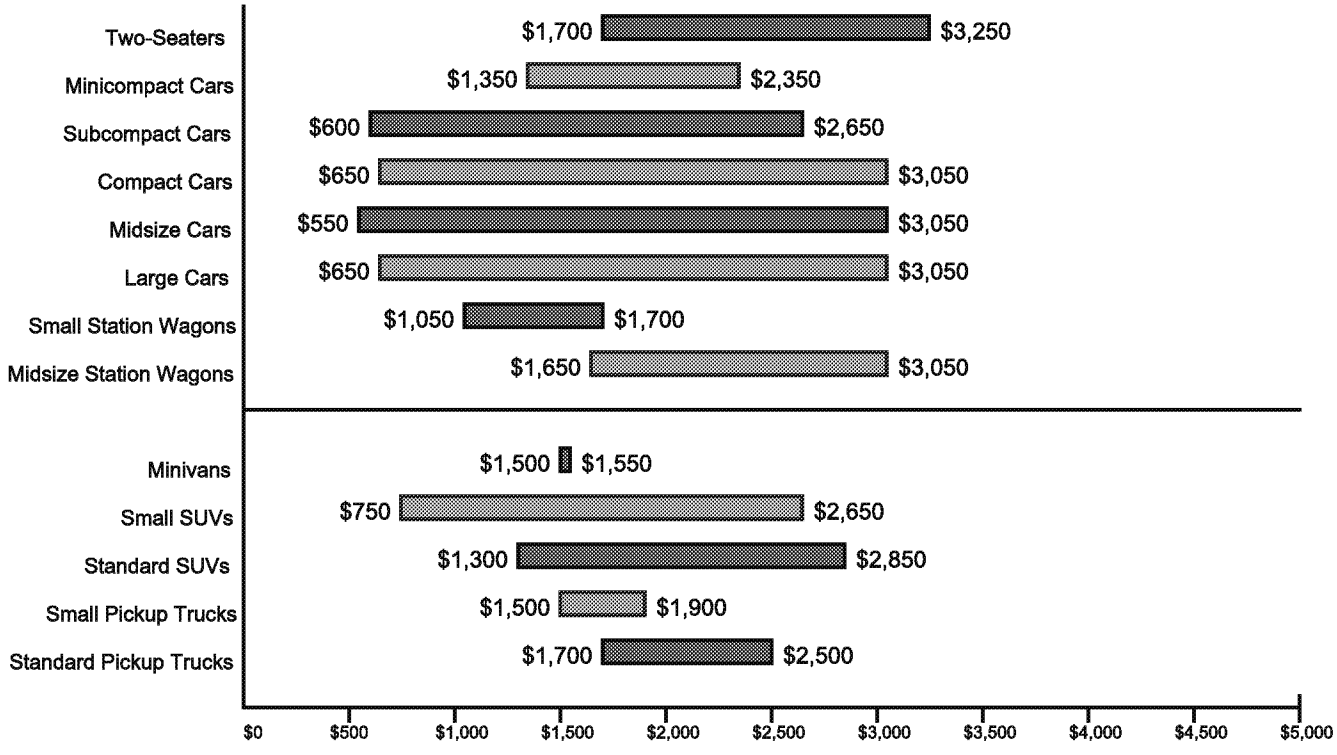
The graph below provides the annual fuel cost ranges for the vehicles in each class so you can see where a given vehicle's cost falls within its class. Annual fuel costs assume that you travel 15,000 miles each year, drive 55% in the city and 45% on the highway, and that fuel costs $2.18/gallon for regular unleaded gasoline, $2.83/gallon for premium, $2.42/gallon for diesel, and $0.13/kWh for electricity. Visit **fueleconomy.gov** to calculate the annual fuel cost for a specific vehicle based on your own driving conditions and fuel prices.



Fuel economy estimates on this chart do not include vehicles operating on compressed natural gas (CNG), E85, or hydrogen.

Listed below are vehicles with the highest fuel economy in the most popular classes. For each vehicle class, we list the most fuel-efficient plug-in hybrid (PHEV) or all-electric vehicle (EV) and the most fuel-efficient conventional vehicle. Rankings are based on combined city and highway fuel economy estimates, which assume 55% city driving and 45% highway driving. Please note that many vehicle models come in a range of engine sizes and trim lines, resulting in different fuel economy values. If there is only one vehicle in a class, a fuel economy leader is not listed. For an up-to-date list of fuel economy leaders, visit fueleconomy.gov.

	Trans Type / Speeds	Eng Size / Cylinders	MPG(e) Combined
TWO-SEATER CARS			
BMW			
Z4 M40i	A-S8	3.0L/6cyl	25
TOYOTA			
GR Supra	A-S8	3.0L/6cyl	25
MINICOMPACT CARS			
MINI			
Cooper Convertible	AM-S7	1.5L/3cyl	31
SUBCOMPACT CARS			
MINI			
Cooper SE Hardtop 2 door (EV)	A-1		108*
CHEVROLET			
Spark	AV	1.4L/4cyl	33
Spark	M-5	1.4L/4cyl	33
Spark ACTIV	AV	1.4L/4cyl	33
COMPACT CARS			
TOYOTA			
Corolla Hybrid	AV	1.8L/4cyl	52
BMW			
330e (PHEV)	A-S8	2.0L/4cyl	40†
MIDSIZE CARS			
TOYOTA			
Prius Prime (PHEV)	AV	1.8L/4cyl	78†
Prius Eco (hybrid)	AV	1.8L/4cyl	56
LARGE CARS			
HYUNDAI			
Sonata Hybrid Blue	AM-S6	2.0L/4cyl	52
BMW			
745e xDrive (PHEV)	A-S8	3.0L/6cyl	28†

	Trans Type / Speeds	Eng Size / Cylinders	MPG(e) Combined
SMALL STATION WAGONS			
VOLVO			
V60 AWD PHEV	A-S8	2.0L/4cyl	42†
KIA			
Soul Eco dynamics	AV	2.0L/4cyl	31
SUBARU			
Impreza 5-Door	AV-S7	2.0L/4cyl	31
MIDSIZE STATION WAGONS			
VOLVO			
V90 FWD	A-S8	2.0L/4cyl	26
SMALL PICKUP TRUCKS			
CHEVROLET			
Colorado 2WD (diesel)	A-6	2.8L/4cyl	23
GMC			
Canyon 2WD (diesel)	A-6	2.8L/4cyl	23
STANDARD PICKUP TRUCKS			
JEEP			
Gladiator 4WD	A-8	3.6L/6cyl	19
MINIVANS			
HONDA			
Odyssey	A-S10	3.5L/6cyl	22
SMALL SPORT UTILITY VEHICLES			
TOYOTA			
RAV4 Prime 4WD (PHEV)	AV-S6	2.5L/4cyl	65†
RAV4 Hybrid AWD	AV-S6	2.5L/4cyl	40
STANDARD SPORT UTILITY VEHICLES			
VOLVO			
XC90 AWD PHEV	A-S8	2.0L/4cyl	34†
LEXUS			
RX 450h L AWD (hybrid)	AV-S6	3.5L/6cyl	29

* This is an electric vehicle. Since electricity is not measured in gallons, a conversion factor is used to translate the fuel economy into miles per gallon of gasoline equivalent (MPGe).

† This vehicle is a plug-in hybrid, which runs on both gasoline and electricity. Since electricity is not measured in gallons, a conversion factor is used to translate the fuel economy when running on electricity into miles per gallon of gasoline equivalent (MPGe). The combined MPGe estimate includes both city and highway driving and gasoline and electric energy use.

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This section contains the fuel economy values for 2021 model year vehicles. Additional information for alternative fuel vehicles can be found on pages 22–26. Alternative fuel vehicles are highlighted with a blue bar, and those that can use two kinds of fuel, such as flexible fuel vehicles, have an entry for each fuel type. The most fuel-efficient vehicles per class are listed in blue boldface type and marked with a blue pointer (⮞).

ABBREVIATIONS USED IN THIS GUIDE:

⮞.....Highest MPG in Class
2WD.....Two-Wheel Drive
4WD.....Four-Wheel Drive
A.....Automatic Transmission
A-S.....Automatic Transmission-Select Shift
AM.....Automated Manual
AM-S.....Automated Manual-Selectable
AV.....Continuously Variable Transmission
AV-S.....Continuously Variable Transmission with Select Shift
AWD.....All-Wheel Drive
City.....MPG on City Test Procedure
Cyl.....Cylinders
Comb.....Combined
D.....Ultra-Low Sulfur Diesel
E85.....85% Ethanol/15% Gasoline
Eng Size.....Engine Volume in Liters
EV.....Electric Vehicle
FCV.....Fuel Cell Vehicle
FFV.....Flexible Fuel Vehicle
FWD.....Front-Wheel Drive
Gas.....Regular Gasoline
GHG.....Greenhouse Gas
GVWR.....Gross Vehicle Weight Rating
HP.....Horsepower
HEV.....Hybrid-Electric Vehicle
Hwy.....MPG on Highway Test Procedure
Li-ion.....Lithium ion
LWB.....Long Wheel Base
M.....Manual Transmission
Mid.....Midgrade Gasoline
MHEV.....Mild Hybrid-Electric Vehicle
Mode.....Multimode Transmission
MPG.....Miles per Gallon
NA.....Not Available
Ni-MH.....Nickel-Metal Hydride
P.....Premium Gasoline Recommended
PHEV.....Plug-in Hybrid Electric Vehicle
PR.....Premium Gasoline Required
PT4.....Part-time 4WD
RWD.....Rear Wheel Drive
S.....Supercharger
SS.....Stop-Start Technology
T.....Turbocharger
Tax.....Subject to Gas Guzzler Tax
Trans.....Transmission
w/o C. D. ...Without Cylinder Deactivation
XFE.....Optional Technology Package

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TWO-SEATER CARS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
AUDI					
R8					
AM-S7, 5.2L, 10cyl	16	13/20	$2,650	2	PR Tax
R8 Spyder					
AM-S7, 5.2L, 10cyl	16	13/20	$2,650	2	PR Tax
BMW					
Z4 M40i					
A-S8, 3.0L, 6cyl	25	22/30	$1,700	5	P T SS
FERRARI					
812 GTS					
AM-7, 6.5L, 12cyl	13	12/15	$3,250	1	PR Tax SS
812 Superfast					
AM-7, 6.5L, 12cyl	13	12/16	$3,250	1	PR Tax SS
F8 Spider					
AM-7, 3.9L, 8cyl	16	15/18	$2,650	2	PR T Tax SS
F8 Tributo					
AM-7, 3.9L, 8cyl	16	15/19	$2,650	2	PR T Tax SS
JAGUAR					
F-Type R AWD Convertible					
A-S8, 5.0L, 8cyl	18	16/24	$2,350	3	P S SS
F-Type R AWD Coupe					
A-S8, 5.0L, 8cyl	18	16/24	$2,350	3	P S SS
F-Type S AWD Convertible					
A-S8, 3.0L, 6cyl	21	18/26	$2,000	4	P S SS
F-Type S AWD Coupe					
A-S8, 3.0L, 6cyl	21	18/26	$2,000	4	P S SS
F-Type S Convertible					
A-S8, 3.0L, 6cyl	22	19/27	$1,950	4	P S SS
F-Type S Coupe					
A-S8, 3.0L, 6cyl	22	19/27	$1,950	4	P S SS
LAMBORGHINI					
Huracan					
AM-S7, 5.2L, 10cyl	15	13/18	$2,850	2	PR Tax
Huracan 2WD					
AM-S7, 5.2L, 10cyl	15	13/18	$2,850	2	PR Tax
Huracan Spyder					
AM-S7, 5.2L, 10cyl	15	13/18	$2,850	2	PR Tax
Huracan Spyder 2WD					
AM-S7, 5.2L, 10cyl	15	13/18	$2,850	2	PR Tax
TOYOTA					
GR Supra					
A-S8, 3.0L, 6cyl	25	22/30	$1,700	5	P T SS

MINICOMPACT CARS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
BENTLEY					
Continental GT Convertible					
AM-S8, 4.0L, 8cyl	19	16/26	$2,250	3	P T SS
FERRARI					
F164 BCB					
AM-8, 3.9L, 8cyl	19	16/23	$2,250	3	PR T SS
Portofino					
AM-7, 3.9L, 8cyl	18	16/22	$2,350	3	PR T SS
LEXUS					
LC 500 Convertible					
A-S10, 5.0L, 8cyl	18	15/25	$2,350	3	PR
MINI					
Cooper Convertible					
AM-S7, 1.5L, 3cyl	31	28/37	$1,350	7	P T SS
M-6, 1.5L, 3cyl	30	26/37	$1,400	6	P T
Cooper S Convertible					
AM-S7, 2.0L, 4cyl	29	26/34	$1,450	6	P T
M-6, 2.0L, 4cyl	26	23/32	$1,650	5	P T
John Cooper Works Convertible					
A-S8, 2.0L, 4cyl	28	25/33	$1,500	6	P T SS

SUBCOMPACT CARS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
AUDI					
RS 5					
A-S8, 2.9L, 6cyl	20	18/25	$2,100	4	P T
BMW					
230i Convertible					
A-S8, 2.0L, 4cyl	27	23/33	$1,550	6	P T SS
230i Coupe					
M-6, 2.0L, 4cyl	25	21/32	$1,700	5	P T SS
230i xDrive Coupe					
A-S8, 2.0L, 4cyl	24	21/30	$1,750	5	P T SS
840i Coupe					
A-S8, 3.0L, 6cyl	25	23/30	$1,700	5	P T SS
840i xDrive Convertible					
A-S8, 3.0L, 6cyl	23	20/27	$1,850	5	P T SS
840i xDrive Coupe					
A-S8, 3.0L, 6cyl	23	20/27	$1,850	5	P T SS
M2 Competition Coupe					
AM-S7, 3.0L, 6cyl	19	16/23	$2,250	3	P T SS
M-6, 3.0L, 6cyl	20	18/24	$2,100	4	PR T SS
M240i Convertible					
A-S8, 3.0L, 6cyl	24	21/30	$1,750	5	P T SS
M-6, 3.0L, 6cyl	21	19/27	$2,000	4	P T SS
M240i Coupe					
A-S8, 3.0L, 6cyl	24	21/30	$1,750	5	P T SS
M-6, 3.0L, 6cyl	21	19/27	$2,000	4	P T SS

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Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
M240i xDrive Convertible					
A-S8, 3.0L, 6cyl	24	21/30	$1,750	5	P T SS
M240i xDrive Coupe					
A-S8, 3.0L, 6cyl	24	21/30	$1,750	5	P T SS
M8 Competition Convertible					
A-S8, 4.4L, 8cyl	17	15/21	$2,500	3	P T Tax SS
CHEVROLET					
Camaro					
A-S8, 2.0L, 4cyl	25	22/30	$1,700	5	PR T
M-6, 2.0L, 4cyl	22	19/29	$1,950	4	PR T
A-S10, 3.6L, 6cyl	22	18/29	$1,500	4	
M-6, 3.6L, 6cyl	20	16/26	$1,650	4	
A-S10, 6.2L, 8cyl	20	16/26	$2,100	4	PR
A-S10, 6.2L, 8cyl	16	13/21	$2,650	2	PR S Tax
M-6, 6.2L, 8cyl	19	16/24	$2,250	3	PR
M-6, 6.2L, 8cyl	16	14/20	$2,650	2	PR S Tax
Spark					
AV, 1.4L, 4cyl	33	30/38	$1,000	7	
M-5, 1.4L, 4cyl	33	29/38	$1,000	7	
Spark ACTIV					
AV, 1.4L, 4cyl	33	30/37	$1,000	7	
M-5, 1.4L, 4cyl	32	29/37	$1,000	7	
FERRARI					
Roma					
AM-8, 3.9L, 8cyl	19	17/22	$2,250	3	PR T SS
LEXUS					
LC 500					
A-S10, 5.0L, 8cyl	19	16/25	$2,250	3	PR
LC 500h					
AV-S10, 3.5L, 6cyl	29	26/34	$1,450	6	PR HEV SS
MINI					
Cooper Hardtop 2 door					
AM-S7, 1.5L, 3cyl	31	28/37	$1,350	7	P T SS
M-6, 1.5L, 3cyl	30	26/37	$1,400	6	P T
Cooper Hardtop 4 door					
AM-S7, 1.5L, 3cyl	31	28/37	$1,350	7	P T SS
M-6, 1.5L, 3cyl	30	26/37	$1,400	6	P T
Cooper S Hardtop 2 door					
AM-S7, 2.0L, 4cyl	30	26/35	$1,400	6	P T
M-6, 2.0L, 4cyl	27	23/33	$1,550	6	P T
Cooper S Hardtop 4 door					
AM-S7, 2.0L, 4cyl	30	26/35	$1,400	6	P T
M-6, 2.0L, 4cyl	27	23/33	$1,550	6	P T
Cooper SE Hardtop 2 door					
A-1	108	115/100	$600	10	EV
John Cooper Works GP					
A-S8, 2.0L, 4cyl	26	24/30	$1,650	5	P T
John Cooper Works Hardtop					
A-S8, 2.0L, 4cyl	29	26/34	$1,450	6	P T
M-6, 2.0L, 4cyl	27	23/33	$1,550	6	P T

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
NISSAN					
GT-R					
AM-S6, 3.8L, 6cyl	18	16/22	$2,350	3	PR T
COMPACT CARS					
BMW					
228i xDrive Gran Coupe					
A-S8, 2.0L, 4cyl	27	23/33	$1,550	6	P T SS
330e					
A-S8, 2.0L, 4cyl		See page 24.			P T PHEV SS
330e xDrive					
A-S8, 2.0L, 4cyl		See page 24.			P T PHEV SS
M235i xDrive Gran Coupe					
A-S8, 2.0L, 4cyl	26	23/32	$1,650	5	P T SS
M340i					
A-S8, 3.0L, 6cyl	26	23/32	$1,650	5	P T MHEV SS
M340i xDrive					
A-S8, 3.0L, 6cyl	25	22/31	$1,700	5	P T MHEV SS
GENESIS					
G70 AWD					
A-S8, 2.0L, 4cyl	23	20/27	$1,850	5	P T SS
A-S8, 3.3L, 6cyl	20	17/25	$2,100	4	P T
G70 RWD					
A-S8, 2.0L, 4cyl	25	22/30	$1,700	5	P T SS
M-6, 2.0L, 4cyl	22	18/28	$1,950	4	P T
A-S8, 3.3L, 6cyl	20	17/26	$2,100	4	P T
HONDA					
Insight Touring					
AV, 1.5L, 4cyl	48	51/45	$700	9	HEV SS
HYUNDAI					
Accent					
AV-S1, 1.6L, 4cyl	36	33/41	$900	8	
M-6, 1.6L, 4cyl	33	29/39	$1,000	7	
Veloster					
AM-S7, 1.6L, 4cyl	30	28/34	$1,100	6	T
M-6, 1.6L, 4cyl	29	26/33	$1,150	6	T
A-S6, 2.0L, 4cyl	30	27/34	$1,100	6	
M-6, 2.0L, 4cyl	28	25/33	$1,150	6	
Veloster N					
AM-S8, 2.0L, 4cyl	22	20/27	$1,500	4	T
M-6, 2.0L, 4cyl	25	22/28	$1,300	5	T
MERCEDES-BENZ					
AMG CLA35 4matic					
AM-7, 2.0L, 4cyl	25	22/29	$1,700	5	PR T SS
CLA250					
AM-7, 2.0L, 4cyl	29	25/35	$1,450	6	PR T SS
CLA250 4matic					
AM-7, 2.0L, 4cyl	27	24/33	$1,550	6	PR T SS

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Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
ROLLS-ROYCE					
Dawn					
A-S8, 6.6L, 12cyl	14	12/18	$3,050	1	P T Tax
Dawn Black Badge					
A-S8, 6.6L, 12cyl	14	12/18	$3,050	1	P T Tax
TOYOTA					
Corolla					
AV, 1.8L, 4cyl	33	30/38	$1,000	7	
M-6, 1.8L, 4cyl	33	29/39	$1,000	7	
AV-S10, 2.0L, 4cyl	34	31/40	$950	7	
M-6, 2.0L, 4cyl	32	29/36	$1,000	7	
Corolla Hatchback					
AM-S10, 2.0L, 4cyl	35	32/41	$950	7	
M-6, 2.0L, 4cyl	31	28/37	$1,050	7	
Corolla Hatchback XSE					
AM-S10, 2.0L, 4cyl	33	30/38	$1,000	7	
Corolla Hybrid					
AV, 1.8L, 4cyl	52	53/52	$650	9	HEV SS
Corolla XLE					
AV, 1.8L, 4cyl	32	29/37	$1,000	7	
Corolla XSE					
AV-S10, 2.0L, 4cyl	34	31/38	$950	7	
VOLVO					
S60 AWD					
A-S8, 2.0L, 4cyl	25	21/32	$1,700	5	PR T S SS
S60 FWD					
A-S8, 2.0L, 4cyl	27	23/34	$1,550	6	PR T SS

MIDSIZE CARS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
AUDI					
A6 quattro					
AM-S7, 3.0L, 6cyl	24	22/29	$1,750	5	P T MHEV SS
A7 quattro					
AM-S7, 3.0L, 6cyl	24	22/29	$1,750	5	P T MHEV SS
RS 5 Sportback					
A-S8, 2.9L, 6cyl	21	18/25	$2,000	4	P T
S6					
A-S8, 2.9L, 6cyl	22	18/28	$1,950	4	P T MHEV SS
S7					
A-S8, 2.9L, 6cyl	22	18/28	$1,950	4	P T MHEV SS
BMW					
530i					
A-S8, 2.0L, 4cyl	28	25/33	$1,500	6	P T SS
530i xDrive					
A-S8, 2.0L, 4cyl	27	23/32	$1,550	6	P T HEV SS
540i xDrive					
A-S8, 3.0L, 6cyl	26	23/31	$1,650	5	P T SS
840i xDrive Gran Coupe					
A-S8, 3.0L, 6cyl	23	20/27	$1,850	5	P T SS
M5					
A-S8, 4.4L, 8cyl	17	15/21	$2,500	3	P T Tax SS
M5 Competition					
A-S8, 4.4L, 8cyl	17	15/21	$2,500	3	P T Tax SS
M550i xDrive					
A-S8, 4.4L, 8cyl	20	17/25	$2,100	4	P T SS
M8 Competition Gran Coupe					
A-S8, 4.4L, 8cyl	17	15/21	$2,500	3	P T Tax SS
M8 Gran Coupe					
A-S8, 4.4L, 8cyl	17	15/21	$2,500	3	P T Tax SS
X2 M35i					
A-S8, 2.0L, 4cyl	26	23/30	$1,650	5	P T SS
X2 xDrive28i					
A-S8, 2.0L, 4cyl	27	24/31	$1,550	6	P T SS
CHEVROLET					
Malibu					
AV, 1.5L, 4cyl	32	29/36	$1,000	7	T SS
A-9, 2.0L, 4cyl	26	22/33	$1,250	5	T
HONDA					
Clarity					
AV, 1.5L, 4cyl	See page 24.				PHEV SS
Insight					
AV, 1.5L, 4cyl	52	55/49	$650	9	HEV SS
HYUNDAI					
Venue					
AV-S1, 1.6L, 4cyl	31	30/33	$1,050	7	
KIA					
Forte					
AM-S7, 1.6L, 4cyl	30	27/35	$1,100	6	T
M-6, 1.6L, 4cyl	28	25/32	$1,150	6	T
AV, 2.0L, 4cyl	33	29/40	$1,000	7	
M-6, 2.0L, 4cyl	31	27/37	$1,050	7	
Forte FE					
AV, 2.0L, 4cyl	35	31/41	$950	7	
Stinger AWD					
A-S8, 2.0L, 4cyl	24	21/29	$1,750	5	P T SS
A-S8, 3.3L, 6cyl	20	17/25	$2,100	4	P T SS
Stinger RWD					
A-S8, 2.0L, 4cyl	25	22/29	$1,700	5	P T SS
A-S8, 3.3L, 6cyl	20	17/25	$2,100	4	P T SS
MINI					
Cooper Countryman					
AM-S7, 1.5L, 3cyl	29	26/33	$1,450	6	P T SS
Cooper Countryman All4					
A-S8, 1.5L, 3cyl	27	23/32	$1,550	6	P T
Cooper S Clubman					
AM-S7, 2.0L, 4cyl	29	25/35	$1,450	6	P T
M-6, 2.0L, 4cyl	26	22/32	$1,650	5	P T
Cooper S Clubman All4					
A-S8, 2.0L, 4cyl	26	23/32	$1,650	5	P T SS

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Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
Cooper S Countryman					
AM-S7, 2.0L, 4cyl	28	24/33	$1,500	6	P T
Cooper S Countryman All4					
A-S8, 2.0L, 4cyl	26	23/31	$1,650	5	P T SS
JCW Countryman All4					
A-S8, 2.0L, 4cyl	26	23/30	$1,650	5	P T SS
John Cooper Works Clubman All4					
A-S8, 2.0L, 4cyl	26	23/31	$1,650	5	P T SS
ROLLS-ROYCE					
Wraith					
A-S8, 6.6L, 12cyl	14	12/18	$3,050	1	P T Tax
Wraith Black Badge					
A-S8, 6.6L, 12cyl	14	12/18	$3,050	1	P T Tax
SUBARU					
Impreza 4-Door					
AV-S7, 2.0L, 4cyl	32	28/36	$1,000	7	
M-5, 2.0L, 4cyl	26	23/31	$1,250	5	
Impreza Sport 4-Door					
AV-S7, 2.0L, 4cyl	30	27/36	$1,100	6	
TOYOTA					
Avalon					
A-S8, 3.5L, 6cyl	25	22/31	$1,300	5	
Avalon AWD					
A-S8, 2.5L, 4cyl	28	25/34	$1,150	6	
Avalon Hybrid					
AV-S6, 2.5L, 4cyl	43	43/43	$750	9	HEV SS
Avalon Hybrid XLE					
AV-S6, 2.5L, 4cyl	44	43/44	$750	9	HEV SS
Avalon TRD					
A-S8, 3.5L, 6cyl	25	21/30	$1,300	5	
Avalon XLE					
A-S8, 3.5L, 6cyl	26	22/32	$1,250	5	
Prius					
AV, 1.8L, 4cyl	52	54/50	$650	9	HEV SS
Prius AWD					
AV, 1.8L, 4cyl	49	51/47	$650	9	PT4 HEV SS
Prius Eco					
▶ AV, 1.8L, 4cyl	56	58/53	$600	10	HEV SS
Prius Prime					
▶ AV, 1.8L, 4cyl		See page 24.			PHEV SS
VOLKSWAGEN					
Passat					
A-S6, 2.0L, 4cyl	28	24/36	$1,150	6	T SS
VOLVO					
S90 AWD					
A-S8, 2.0L, 4cyl	25	21/32	$1,700	5	PR T S SS
S90 AWD PHEV					
A-S8, 2.0L, 4cyl		See page 24.			PR PHEV SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
LARGE CARS					
AUDI					
A8 L					
A-S8, 3.0L, 6cyl	21	17/26	$2,000	4	P T MHEV SS
BMW					
740i					
A-S8, 3.0L, 6cyl	25	22/29	$1,700	5	P T SS
740i xDrive					
A-S8, 3.0L, 6cyl	23	20/27	$1,850	5	P T SS
745e xDrive					
▶ A-S8, 3.0L, 6cyl		See page 24.			P T PHEV SS
750i xDrive					
A-S8, 4.4L, 8cyl	19	17/24	$2,250	3	P T SS
Alpina B7					
A-S8, 4.4L, 8cyl	19	17/24	$2,250	3	P T SS
M760i xDrive					
A-S8, 6.6L, 12cyl	16	13/20	$2,650	2	P T Tax SS
X1 sDrive28i					
A-S8, 2.0L, 4cyl	27	24/33	$1,550	6	P T SS
X1 xDrive28i					
A-S8, 2.0L, 4cyl	26	23/31	$1,650	5	P T SS
GENESIS					
G80 AWD					
A-S8, 2.5L, 4cyl	25	22/30	$1,700	5	P T SS
A-S8, 3.5L, 6cyl	21	18/26	$2,000	4	P T SS
G80 RWD					
A-S8, 2.5L, 4cyl	26	23/32	$1,650	5	P T SS
A-S8, 3.5L, 6cyl	22	19/27	$1,950	4	P T SS
G90 AWD					
A-S8, 3.3L, 6cyl	20	17/24	$2,100	4	P T
A-S8, 5.0L, 8cyl	18	16/23	$2,350	3	P
G90 RWD					
A-S8, 3.3L, 6cyl	19	17/24	$2,250	3	P T
A-S8, 5.0L, 8cyl	19	16/24	$2,250	3	P
HYUNDAI					
Sonata					
A-S8, 1.6L, 4cyl	30	27/37	$1,100	6	T
A-S8, 2.5L, 4cyl	32	28/38	$1,000	7	SS
A-S8, 2.5L, 4cyl	31	27/37	$1,050	7	
Sonata Hybrid					
AM-S6, 2.0L, 4cyl	47	45/51	$700	9	HEV SS
Sonata Hybrid Blue					
▶ AM-S6, 2.0L, 4cyl	52	50/54	$650	9	HEV SS
KIA					
K5					
A-S8, 1.6L, 4cyl	32	29/38	$1,000	7	T SS
A-S8, 1.6L, 4cyl	31	27/37	$1,050	7	T

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Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
ROLLS-ROYCE					
Ghost					
A-S8, 6.7L, 12cyl	14	12/19	$3,050	1	P T Tax
Ghost EWB					
A-S8, 6.7L, 12cyl	14	12/19	$3,050	1	P T Tax
Phantom					
A-S8, 6.7L, 12cyl	14	12/20	$3,050	1	P T Tax
Phantom EWB					
A-S8, 6.7L, 12cyl	14	12/20	$3,050	1	P T Tax
SUBARU					
Legacy AWD					
AV-S8, 2.4L, 4cyl	27	24/32	$1,200	6	T SS
AV-S8, 2.5L, 4cyl	30	27/35	$1,100	6	SS
SMALL STATION WAGONS					
KIA					
Soul					
AM-S7, 1.6L, 4cyl	29	27/32	$1,150	6	T SS
AV, 2.0L, 4cyl	30	28/33	$1,100	6	SS
M-6, 2.0L, 4cyl	27	25/31	$1,200	6	
Soul Eco dynamics					
AV, 2.0L, 4cyl	31	29/35	$1,050	7	SS
SUBARU					
Impreza 5-Door					
AV-S7, 2.0L, 4cyl	31	28/36	$1,050	7	
M-5, 2.0L, 4cyl	26	24/31	$1,250	5	
Impreza Sport 5-Door					
AV-S7, 2.0L, 4cyl	30	27/35	$1,100	6	
M-5, 2.0L, 4cyl	25	22/30	$1,300	5	
VOLVO					
V60 AWD PHEV					
A-S8, 2.0L, 4cyl	See page 24.				PR PHEV SS
V60 CC AWD					
A-S8, 2.0L, 4cyl	25	22/31	$1,700	5	PR T SS
V60 FWD					
A-S8, 2.0L, 4cyl	27	23/34	$1,550	6	PR T SS
MIDSIZE STATION WAGONS					
AUDI					
A6 Allroad					
AM-S7, 3.0L, 6cyl	22	20/26	$1,950	4	P T MHEV SS
ROLLS-ROYCE					
Cullinan					
A-S8, 6.7L, 12cyl	14	12/20	$3,050	1	P T Tax
Cullinan Black Badge					
A-S8, 6.7L, 12cyl	14	12/20	$3,050	1	P T Tax

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
VOLVO					
V90 AWD					
A-S8, 2.0L, 4cyl	25	21/32	$1,700	5	PR T S SS
V90 CC AWD					
A-S8, 2.0L, 4cyl	24	20/30	$1,750	5	PR T S SS
V90 FWD					
A-S8, 2.0L, 4cyl	26	22/33	$1,650	5	PR T SS
SMALL PICKUP TRUCKS 2WD					
CHEVROLET					
Colorado 2WD					
A-6, 2.5L, 4cyl	22	19/25	$1,500	4	
A-6, 2.8L, 4cyl	23	20/30	$1,600	4	D T
A-8, 3.6L, 6cyl	21	18/25	$1,550	4	
GMC					
Canyon 2WD					
A-6, 2.5L, 4cyl	22	19/25	$1,500	4	
A-6, 2.8L, 4cyl	23	20/30	$1,600	4	D T
A-8, 3.6L, 6cyl	21	18/25	$1,550	4	
SMALL PICKUP TRUCKS 4WD					
CHEVROLET					
Colorado 4WD					
A-6, 2.5L, 4cyl	21	19/24	$1,550	4	
A-6, 2.8L, 4cyl	22	19/28	$1,650	4	D T
A-8, 3.6L, 6cyl	19	17/24	$1,700	3	
Colorado ZR2 4WD					
A-6, 2.8L, 4cyl	19	18/22	$1,900	3	D T
A-8, 3.6L, 6cyl	17	16/18	$1,900	3	
GMC					
Canyon 4WD					
A-6, 2.5L, 4cyl	21	19/24	$1,550	4	
A-6, 2.8L, 4cyl	22	19/28	$1,650	4	D T
A-8, 3.6L, 6cyl	19	17/24	$1,700	3	
STANDARD PICKUP TRUCKS 2WD					
NISSAN					
Titan 2WD					
A-S9, 5.6L, 8cyl	18	16/21	$2,350	3	P
STANDARD PICKUP TRUCKS 4WD					
JEEP					
Gladiator 4WD					
A-8, 3.6L, 6cyl	19	17/22	$1,700	3	SS
NISSAN					
Titan 4WD					
A-S9, 5.6L, 8cyl	18	15/21	$2,350	3	P PT4
Titan 4WD PRO-4X					
A-S9, 5.6L, 8cyl	17	15/20	$2,500	3	P PT4

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Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
SPECIAL PURPOSE VEHICLES 2WD					
MERCEDES-BENZ					
GLA250					
AM-8, 2.0L, 4cyl	28	25/34	$1,500	6	PR T SS
GLB250					
AM-8, 2.0L, 4cyl	26	23/31	$1,650	5	PR T SS
MINIVANS 2WD					
HONDA					
Odyssey					
A-S10, 3.5L, 6cyl	22	19/28	$1,500	4	SS
KIA					
Sedona					
A-S8, 3.3L, 6cyl	21	18/24	$1,550	4	
SMALL SPORT UTILITY VEHICLES 2WD					
ACURA					
RDX FWD					
A-S10, 2.0L, 4cyl	24	22/28	$1,750	5	P T SS
RDX FWD A-SPEC					
A-S10, 2.0L, 4cyl	24	22/27	$1,750	5	P T SS
BMW					
X3 sDrive30i					
A-S8, 2.0L, 4cyl	27	25/29	$1,550	6	P T SS
BUICK					
Encore FWD					
A-S6, 1.4L, 4cyl	27	25/30	$1,200	6	T
Encore GX FWD					
AV, 1.2L, 3cyl	29	28/31	$1,150	6	T SS
AV, 1.3L, 3cyl	31	30/32	$1,050	7	T SS
CADILLAC					
XT4 FWD					
A-S9, 2.0L, 4cyl	26	24/30	$1,650	5	PR T SS
XT5 FWD					
A-S9, 2.0L, 4cyl	24	22/29	$1,750	5	PR T SS
A-S9, 3.6L, 6cyl	21	19/26	$1,550	4	SS
XT6 FWD					
A-S9, 2.0L, 4cyl	23	21/27	$1,850	5	PR T SS
A-S9, 3.6L, 6cyl	21	19/26	$1,550	4	SS
CHEVROLET					
Blazer FWD					
A-9, 2.0L, 4cyl	25	22/29	$1,300	5	T SS
A-S9, 2.5L, 4cyl	23	21/27	$1,400	5	
A-9, 3.6L, 6cyl	22	20/27	$1,500	4	SS
Trailblazer FWD					
AV, 1.2L, 3cyl	29	28/31	$1,150	6	T SS
AV, 1.3L, 3cyl	31	29/33	$1,050	7	T SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
Trax FWD					
A-S6, 1.4L, 4cyl	28	26/31	$1,150	6	T
HONDA					
Pilot FWD					
A-S9, 3.5L, 6cyl	23	20/27	$1,400	5	
HYUNDAI					
Kona FWD					
AM-7, 1.6L, 4cyl	30	28/32	$1,100	6	T
A-S6, 2.0L, 4cyl	30	27/33	$1,100	6	
Tucson FWD					
A-S6, 2.0L, 4cyl	25	23/28	$1,300	5	
INFINITI					
QX50					
AV-S8, 2.0L, 4cyl	26	23/29	$1,650	5	PR T
JEEP					
Compass FWD					
A-6, 2.4L, 4cyl	25	22/31	$1,300	5	SS
KIA					
Seltos FWD					
AV-S8, 2.0L, 4cyl	31	29/34	$1,050	7	SS
Sportage FWD					
A-S6, 2.0L, 4cyl	23	20/28	$1,400	5	T
A-S6, 2.4L, 4cyl	26	23/30	$1,250	5	
Telluride FWD					
A-S8, 3.8L, 6cyl	23	20/26	$1,400	5	SS
LEXUS					
NX 300					
A-S6, 2.0L, 4cyl	25	22/28	$1,700	5	PR T
RX 350 L					
A-S8, 3.5L, 6cyl	22	19/26	$1,500	4	
MAZDA					
CX-30 2WD					
A-S6, 2.5L, 4cyl	28	25/33	$1,150	6	
TOYOTA					
RAV4					
A-S8, 2.5L, 4cyl	30	28/35	$1,100	6	SS
A-S8, 2.5L, 4cyl	30	27/35	$1,100	6	
VOLKSWAGEN					
Atlas					
A-S8, 2.0L, 4cyl	22	21/24	$1,500	4	T SS
A-S8, 3.6L, 6cyl	19	17/23	$1,700	3	SS
Atlas Cross Sport					
A-S8, 3.6L, 6cyl	20	18/23	$1,650	4	SS
VOLVO					
XC40 FWD					
A-S8, 2.0L, 4cyl	26	23/32	$1,250	5	T SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
XC60 FWD					
A-S8, 2.0L, 4cyl	25	22/29	$1,700	5	PR T SS

SMALL SPORT UTILITY VEHICLES 4WD

ACURA

RDX AWD					
A-S10, 2.0L, 4cyl	23	21/27	$1,850	5	P T SS
RDX AWD A-SPEC					
A-S10, 2.0L, 4cyl	23	21/26	$1,850	5	P T SS

AUDI

SQ5					
A-S8, 3.0L, 6cyl	20	18/24	$2,100	4	P T SS

BMW

X3 M					
A-S8, 3.0L, 6cyl	16	14/19	$2,650	2	P T SS
X3 M Competition					
A-S8, 3.0L, 6cyl	16	14/19	$2,650	2	P T SS
X3 M40i					
A-S8, 3.0L, 6cyl	23	21/27	$1,850	5	P T SS
X3 xDrive30i					
A-S8, 2.0L, 4cyl	25	23/29	$1,700	5	P T SS
X4 M					
A-S8, 3.0L, 6cyl	16	14/19	$2,650	2	P T SS
X4 M Competition					
A-S8, 3.0L, 6cyl	16	14/19	$2,650	2	P T SS
X4 M40i					
A-S8, 3.0L, 6cyl	23	21/27	$1,850	5	P T SS
X4 xDrive30i					
A-S8, 2.0L, 4cyl	25	23/29	$1,700	5	P T SS

BUICK

Encore AWD					
A-S6, 1.4L, 4cyl	26	24/29	$1,250	5	T
Encore GX AWD					
A-9, 1.3L, 3cyl	28	26/29	$1,150	6	T SS

CADILLAC

XT4 AWD					
A-S9, 2.0L, 4cyl	24	22/29	$1,750	5	PR T SS
XT5 AWD					
A-S9, 2.0L, 4cyl	23	21/27	$1,850	5	PR T SS
A-S9, 3.6L, 6cyl	21	18/26	$1,550	4	SS
XT6 AWD					
A-S9, 2.0L, 4cyl	23	21/26	$1,850	5	PR T SS
A-S9, 3.6L, 6cyl	21	18/25	$1,550	4	SS

CHEVROLET

Blazer AWD					
A-9, 2.0L, 4cyl	24	22/27	$1,350	5	T SS
A-9, 3.6L, 6cyl	21	19/26	$1,550	4	SS
Trailblazer AWD					
A-9, 1.3L, 3cyl	28	26/30	$1,150	6	T SS
Trax AWD					
A-S6, 1.4L, 4cyl	26	24/29	$1,250	5	T

HONDA

Pilot AWD					
A-S9, 3.5L, 6cyl	22	19/26	$1,500	4	

HYUNDAI

Kona AWD					
AM-7, 1.6L, 4cyl	27	26/29	$1,200	6	T
A-S6, 2.0L, 4cyl	27	25/30	$1,200	6	
Tucson AWD					
A-S6, 2.0L, 4cyl	23	22/25	$1,400	5	
A-S6, 2.4L, 4cyl	23	21/26	$1,400	5	

INFINITI

QX50 AWD					
AV-S8, 2.0L, 4cyl	25	22/28	$1,700	5	PR T

JEEP

Compass 4WD					
A-9, 2.4L, 4cyl	25	22/30	$1,300	5	SS
Wrangler 2dr 4WD					
A-8, 2.0L, 4cyl	23	22/24	$1,400	5	T SS
A-8, 3.6L, 6cyl	21	20/24	$1,550	4	MHEV SS
M-6, 3.6L, 6cyl	20	17/25	$1,650	4	SS
Wrangler 4dr 4WD					
A-8, 2.0L, 4cyl	22	21/24	$1,500	4	T SS
A-8, 3.6L, 6cyl	21	19/24	$1,550	4	MHEV SS
M-6, 3.6L, 6cyl	19	17/23	$1,700	3	SS
Wrangler 4dr EcoDiesel 4WD					
A-8, 3.0L, 6cyl	25	22/29	$1,450	4	D T SS
Wrangler Rubic 4dr EcoDiesel 4WD					
A-8, 3.0L, 6cyl	23	21/26	$1,600	4	D T SS

KIA

Seltos AWD					
AM-S7, 1.6L, 4cyl	27	25/30	$1,200	6	T SS
AV-S8, 2.0L, 4cyl	29	27/31	$1,150	6	SS
Sportage AWD					
A-S6, 2.0L, 4cyl	21	19/24	$1,550	4	T
A-S6, 2.4L, 4cyl	23	21/25	$1,400	5	
Telluride AWD					
A-S8, 3.8L, 6cyl	21	19/24	$1,550	4	SS

LEXUS

NX 300 AWD					
A-S6, 2.0L, 4cyl	24	22/28	$1,750	5	PR T
NX 300 AWD F Sport					
A-S6, 2.0L, 4cyl	24	22/27	$1,750	5	PR T
NX 300h AWD					
AV-S6, 2.5L, 4cyl	31	33/30	$1,050	7	HEV SS
RX 350 L AWD					
A-S8, 3.5L, 6cyl	21	18/25	$1,550	4	

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Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
MAZDA					
CX-30 4WD					
A-S6, 2.5L, 4cyl	26	24/31	$1,250	5	
MERCEDES-BENZ					
GLA250 4matic					
AM-8, 2.0L, 4cyl	27	24/33	$1,550	6	PR T SS
SUBARU					
Crosstrek AWD					
AV-S8, 2.0L, 4cyl	30	28/33	$1,100	6	SS
M-6, 2.0L, 4cyl	25	22/29	$1,300	5	
AV-S8, 2.5L, 4cyl	29	27/34	$1,150	6	SS
Forester AWD					
AV-S7, 2.5L, 4cyl	29	26/33	$1,150	6	SS
Outback AWD					
AV-S8, 2.4L, 4cyl	26	23/30	$1,250	5	T SS
AV-S8, 2.5L, 4cyl	29	26/33	$1,150	6	SS
TOYOTA					
RAV4 AWD					
A-S8, 2.5L, 4cyl	29	27/33	$1,150	6	SS
A-S8, 2.5L, 4cyl	28	25/33	$1,150	6	
RAV4 AWD LE					
A-S8, 2.5L, 4cyl	30	27/34	$1,100	6	SS
RAV4 AWD TRD OFFROAD					
A-S8, 2.5L, 4cyl	28	25/32	$1,150	6	
RAV4 Hybrid AWD					
AV-S6, 2.5L, 4cyl	40	41/38	$800	8	HEV SS
RAV4 Prime 4WD					
AV-S6, 2.5L, 4cyl	See page 24.				PHEV SS
Venza AWD					
AV-S6, 2.5L, 4cyl	39	40/37	$850	8	HEV SS
VOLKSWAGEN					
Atlas 4motion					
A-S8, 2.0L, 4cyl	22	20/24	$1,500	4	T SS
Atlas Cross Sport 4motion					
A-S8, 2.0L, 4cyl	22	20/24	$1,500	4	T SS
VOLVO					
XC40 AWD					
A-S8, 2.0L, 4cyl	25	22/30	$1,700	5	PR T SS
XC60 AWD					
A-S8, 2.0L, 4cyl	24	21/28	$1,750	5	PR T SS
A-S8, 2.0L, 4cyl	23	20/27	$1,850	5	PR T S SS
STANDARD SPORT UTILITY VEHICLES 2WD					
BMW					
X5 sDrive40i					
A-S8, 3.0L, 6cyl	23	21/26	$1,850	5	P T MHEV SS
X6 sDrive40i					
A-S8, 3.0L, 6cyl	23	21/26	$1,850	5	P T MHEV SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
CADILLAC					
Escalade 2WD					
A-10, 6.2L, 8cyl	17	15/20	$2,500	3	PR SS
CHEVROLET					
Suburban 2WD					
A-10, 5.3L, 8cyl	18	16/20	$1,800	3	SS
A-10, 6.2L, 8cyl	17	15/20	$2,500	3	PR SS
Tahoe 2WD					
A-10, 5.3L, 8cyl	18	16/20	$1,800	3	SS
A-10, 6.2L, 8cyl	17	15/20	$2,500	3	PR SS
GMC					
Acadia FWD					
A-9, 2.0L, 4cyl	25	22/29	$1,300	5	T SS
A-9, 2.5L, 4cyl	23	21/27	$1,400	5	
A-9, 3.6L, 6cyl	22	19/27	$1,500	4	SS
Yukon 2WD					
A-10, 5.3L, 8cyl	18	16/20	$1,800	3	SS
A-10, 6.2L, 8cyl	17	15/20	$2,500	3	PR SS
Yukon XL 2WD					
A-10, 5.3L, 8cyl	18	16/20	$1,800	3	SS
A-10, 6.2L, 8cyl	16	14/20	$2,650	2	PR SS
HYUNDAI					
Palisade FWD					
A-S8, 3.8L, 6cyl	22	19/26	$1,500	4	
INFINITI					
QX80 2WD					
A-S7, 5.6L, 8cyl	16	14/20	$2,650	2	PR
TOYOTA					
4Runner 2WD					
A-S5, 4.0L, 6cyl	17	16/19	$1,900	3	
VOLVO					
XC90 FWD					
A-S8, 2.0L, 4cyl	25	21/30	$1,700	5	PR T SS
STANDARD SPORT UTILITY VEHICLES 4WD					
BENTLEY					
Bentayga					
A-S8, 4.0L, 8cyl	18	15/24	$2,350	3	P T SS
BMW					
Alpina XB7					
A-S8, 4.4L, 8cyl	17	15/21	$2,500	3	P T SS
X5 M					
A-S8, 4.4L, 8cyl	15	13/18	$2,850	2	P T SS
X5 M Competition					
A-S8, 4.4L, 8cyl	15	13/18	$2,850	2	P T SS
X5 M50i					
A-S8, 4.4L, 8cyl	18	16/22	$2,350	3	P T SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
X5 xDrive40i					
A-S8, 3.0L, 6cyl	23	21/25	$1,850	5	P T MHEV SS
X5 xDrive45e					
A-S8, 3.0L, 6cyl		See page 24.			P T PHEV SS
X6 M					
A-S8, 4.4L, 8cyl	15	13/18	$2,850	2	P T SS
X6 M Competition					
A-S8, 4.4L, 8cyl	15	13/18	$2,850	2	P T SS
X6 M50i					
A-S8, 4.4L, 8cyl	18	16/22	$2,350	3	P T SS
X6 xDrive40i					
A-S8, 3.0L, 6cyl	23	21/25	$1,850	5	P T MHEV SS
X7 M50i					
A-S8, 4.4L, 8cyl	17	15/21	$2,500	3	P T SS
X7 xDrive40i					
A-S8, 3.0L, 6cyl	21	19/24	$2,000	4	P T MHEV SS
CADILLAC					
Escalade 4WD					
A-10, 6.2L, 8cyl	16	14/19	$2,650	2	PR SS
CHEVROLET					
Suburban 4WD					
A-10, 5.3L, 8cyl	17	15/19	$1,900	3	SS
A-10, 6.2L, 8cyl	16	14/19	$2,650	2	PR SS
Tahoe 4WD					
A-10, 5.3L, 8cyl	18	16/20	$1,800	3	SS
A-10, 6.2L, 8cyl	16	14/19	$2,650	2	PR SS
GMC					
Acadia AWD					
A-9, 2.0L, 4cyl	24	22/27	$1,350	5	T SS
A-9, 3.6L, 6cyl	21	19/26	$1,550	4	SS
Yukon 4WD					
A-10, 5.3L, 8cyl	18	16/20	$1,800	3	SS
A-10, 6.2L, 8cyl	16	14/19	$2,650	2	PR SS
Yukon XL 4WD					
A-10, 5.3L, 8cyl	17	15/19	$1,900	3	SS
A-10, 6.2L, 8cyl	16	14/19	$2,650	2	PR SS
HYUNDAI					
Palisade AWD					
A-S8, 3.8L, 6cyl	21	19/24	$1,550	4	
INFINITI					
QX80 4WD					
A-S7, 5.6L, 8cyl	15	13/19	$2,850	2	PR
A-S7, 5.6L, 8cyl	15	13/19	$2,850	2	PR
LAND ROVER					
Range Rover					
A-S8, 3.0L, 6cyl	25	22/29	$1,450	4	D T SS
A-S8, 5.0L, 8cyl	18	16/21	$2,350	3	P S SS
Range Rover LWB					
A-S8, 5.0L, 8cyl	18	16/21	$2,350	3	P S SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	MPG City/Hwy	Annual Fuel Cost	GHG Rating	Notes
Range Rover LWB SVA					
A-S8, 5.0L, 8cyl	15	13/19	$2,850	2	P S SS
Range Rover Sport					
A-S8, 3.0L, 6cyl	24	22/28	$1,500	4	D T SS
A-S8, 5.0L, 8cyl	19	17/22	$2,250	3	P S SS
Range Rover Sport MHEV					
A-S8, 3.0L, 6cyl	21	19/24	$2,000	4	P T MHEV SS
Range Rover Sport SVR					
A-S8, 5.0L, 8cyl	16	15/20	$2,650	2	P S SS
Range Rover SVA					
A-S8, 5.0L, 8cyl	16	14/19	$2,650	2	P S SS
LEXUS					
GX 460					
A-S6, 4.6L, 8cyl	16	15/19	$2,650	2	PR
RX 450h L AWD					
AV-S6, 3.5L, 6cyl	29	29/28	$1,450	6	PR HEV SS
MERCEDES-BENZ					
AMG GLE53 4matic Plus					
A-9, 3.0L, 6cyl	19	18/22	$2,250	3	PR MHEV SS
AMG GLE53 4matic Plus Coupe					
A-9, 3.0L, 6cyl	20	18/23	$2,100	4	PR MHEV SS
AMG GLE63 S 4matic Plus					
A-9, 4.0L, 8cyl	16	15/19	$2,650	2	PR T MHEV SS
AMG GLS63 4matic Plus					
A-9, 4.0L, 8cyl	16	14/18	$2,650	2	PR T MHEV SS
SUBARU					
Ascent					
AV-S8, 2.4L, 4cyl	23	21/27	$1,400	5	T
Ascent Limited/Touring					
AV-S8, 2.4L, 4cyl	22	20/26	$1,500	4	T
TOYOTA					
4Runner 4WD					
A-S5, 4.0L, 6cyl	17	16/19	$1,900	3	PT4
A-S5, 4.0L, 6cyl	17	16/19	$1,900	3	
VOLKSWAGEN					
Atlas 4motion					
A-S8, 3.6L, 6cyl	18	16/22	$1,800	3	SS
VOLVO					
XC90 AWD					
A-S8, 2.0L, 4cyl	23	20/28	$1,850	5	PR T SS
A-S8, 2.0L, 4cyl	22	19/28	$1,950	4	PR T S SS
XC90 AWD PHEV					
A-S8, 2.0L, 4cyl		See page 24.			PR PHEV SS

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Diesel-powered vehicles are typically more fuel efficient than comparable vehicles powered by gasoline. Diesel engines are inherently more energy-efficient, and diesel fuel contains roughly 10%–15% more energy per gallon than gasoline. In addition, new advances in diesel engine technology have improved performance, reduced engine noise and fuel odor, and decreased emissions of harmful air pollutants. Ultra-low sulfur diesel fuels also help reduce emissions from these vehicles.

Manufacturer Model Configuration (trans, eng size, cyl)	MPG Comb	 City/Hwy	Annual Fuel Cost	GHG Rating	Notes
SMALL PICKUP TRUCKS 2WD					
CHEVROLET					
Colorado 2WD					
A-6, 2.8L, 4cyl	23	20/30	$1,600	4	D T
GMC					
Canyon 2WD					
A-6, 2.8L, 4cyl	23	20/30	$1,600	4	D T
SMALL PICKUP TRUCKS 4WD					
CHEVROLET					
Colorado 4WD					
A-6, 2.8L, 4cyl	22	19/28	$1,650	4	D T
Colorado ZR2 4WD					
A-6, 2.8L, 4cyl	19	18/22	$1,900	3	D T
GMC					
Canyon 4WD					
A-6, 2.8L, 4cyl	22	19/28	$1,650	4	D T
SMALL SPORT UTILITY VEHICLES 4WD					
JEEP					
Wrangler 4dr EcoDiesel 4WD					
A-8, 3.0L, 6cyl	25	22/29	$1,450	4	D T SS
Wrangler Rubic 4dr EcoDiesel 4WD					
A-8, 3.0L, 6cyl	23	21/26	$1,600	4	D T SS
STANDARD SPORT UTILITY VEHICLES 4WD					
LAND ROVER					
Range Rover					
A-S8, 3.0L, 6cyl	25	22/29	$1,450	4	D T SS
Range Rover Sport					
A-S8, 3.0L, 6cyl	24	22/28	$1,500	4	D T SS

All-electric vehicles (EVs) are propelled by one or more electric motors powered by a rechargeable battery. EVs are energy efficient and emit no tailpipe pollutants, although the power plant producing the electricity may emit pollution.

Electric motors have several performance benefits. They are quiet, have instant torque for quick acceleration, enable regenerative braking, and require less maintenance than internal combustion engines.

Current EVs typically have a shorter driving range than comparable gasoline or hybrid vehicles, and their range is more sensitive to driving style, driving conditions, and accessory use. Fully recharging the battery can take several hours—though a "fast charge" to 80% capacity may take as little as 30 minutes. Charging options outside the home are expanding.

More than 26,000 public and 1,000 workplace charging stations are available. EVs are typically more expensive than comparable conventional vehicles and hybrids due to the cost of the large battery. However, as manufacturers continue to improve the driving range and reduce the cost of these vehicles, they are becoming more practical and affordable for a wider range of consumers.

A federal income tax credit of up to $7,500 is currently available to consumers purchasing a qualifying EV. (Note that the federal tax credit begins to phase out after the manufacturer has sold more than 200,000 qualifying vehicles.) State and/or local incentives may also apply. For additional information on EVs, including tax incentives and phase-out dates, visit fueleconomy.gov.

Model	Motor	Battery Type	Fuel Economy (comb/city/hwy) MPGe	Fuel Economy (comb/city/hwy) kWh/100 mi	Driving Range* (miles)	Charge Time (hrs @ 240)	Annual Fuel Cost	GHG Rating
SUBCOMPACT CARS								
MINI								
Cooper SE Hardtop 2 door	135 kW DCPM	Li-Ion	108/115/100	31/29/34	110	4	$600	10

NOTES AND ABBREVIATIONS:

*.....Range for combined city/highway driving (55% city and 45% highway)
† .....First value is time required with the 48A high power charger option; second value is with standard charger.
‡ .....First value is time required with the 72A high power charger option; second value is with standard charger.
§ .....Available nationwide
AC.....Alternating current
AC Induction.....Alternating current induction motor
ACPM....Alternating current permanent magnet
DCPM....Direct current permanent magnet motor
IPMSM...Interior permanent magnet synchonous motor
Li-ion.....Lithium ion
MPGe ...Miles per gallon equivalent
NA .....Not available
PMSM ...Permanent magnet synchronous motor

ED_006488A_00005559-00025

Plug-in hybrid electric vehicles (PHEVs) are hybrids that can be charged by plugging them into an electrical outlet or charging station. Plug-in hybrids can store enough electricity from the power grid to significantly reduce their gasoline consumption under typical driving conditions.

There are two basic plug-in hybrid configurations:

- **Series PHEVs, also called Extended Range Electric Vehicles (EREVs).** The electric motor on these vehicles is the only power source that turns the wheels; the gasoline engine only generates electricity. Series PHEVs can run solely on electricity until the battery needs to be recharged. The gasoline engine will then generate the electricity needed to power the electric motor. For short trips, these vehicles may not use any gasoline.

- **Parallel or Blended PHEVs.** Both the engine and electric motor are mechanically connected to the wheels, and both may propel the vehicle. The vehicle may operate using both electricity and gasoline at the same time, using electricity only, or using gasoline only.

Plug-in hybrids also have different battery capacities, allowing some to travel farther on electricity than others. PHEV fuel economy, like that of EVs and regular hybrids, can be sensitive to driving style, driving conditions, and accessory use. When operating in pure electric mode, PHEVs emit no tailpipe pollutants, although the power plant producing the electricity may emit pollution.

Charging a PHEV's battery typically takes several hours. They can be charged at home or at an increasing number of workplaces or public locations. However, PHEVs don't have to be plugged in to be driven. They can be fueled solely with gasoline, like a conventional hybrid, but they will not achieve maximum range or fuel economy without charging.

Plug-in hybrids use less gasoline and cost less to fuel than conventional hybrids, but they are more expensive to purchase.

A federal income tax credit of up to $7,500 is currently available to consumers purchasing a qualifying plug-in hybrid. (Note that the federal tax credit begins to phase out after the manufacturer has sold more than 200,000 qualifying vehicles.) State and/or local incentives may also apply. For additional information on PHEVs, including tax incentives and phase-out dates, visit **fueleconomy.gov**.

Manufacturer Model Trans, Eng Size, Cyl Elec. Motor	Fuel	Fuel Economy Combined MPGe Comb / City / Hwy MPG	Range (miles)	Total Range* (miles)	Charge Time (hrs @ 240 V)	Annual Fuel Cost	GHG Rating
COMPACT CARS							
BMW							
330e							
A-S8, 2.0L, 4cyl, 80kW DCPM	Electricity + Gasoline Premium Gasoline	75 MPGe ([45kWh + 0 gal]/100 mi)† 28 / 25 / 33	23 302	320	3	$1,200	10
330e xDrive							
A-S8, 2.0L, 4cyl, 80kW DCPM	Electricity + Gasoline Premium Gasoline	67 MPGe ([51kWh + 0 gal]/100 mi)† 25 / 22 / 30	20 271	290	3	$1,400	9
MIDSIZE CARS							
HONDA							
Clarity							
AV, 1.5L, 4cyl, 135kW AC PMSM	Electricity + Gasoline Gasoline	110 MPGe ([31kWh + 0 gal]/100 mi)† 42 / 44 / 40	48 295	340	2.2	$650	10
TOYOTA							
Prius Prime							
AV, 1.8L, 4cyl, 22 and 53 kW AC Induction	Electricity + Gasoline Gasoline	133 MPGe ([25kWh + 0 gal]/100 mi)† 54 / 55 / 53	25 618	640	2	$550	10
VOLVO							
S90 AWD PHEV							
A-S8, 2.0L, 4cyl, 34 and 65kW 3-phase Sync.	Electricity + Gasoline Premium Gasoline	60 MPGe ([50kWh + 0 gal]/100 mi)† 30 / 28 / 31	21 473	490	3	$1,250	10
LARGE CARS							
BMW							
745e xDrive							
A-S8, 3.0L, 6cyl, 83 kW AC Induction	Electricity + Gasoline Premium Gasoline	56 MPGe ([60kWh + 0 gal]/100 mi)† 22 / 19 / 26	17 270	290	4	$1,650	8
SMALL STATION WAGONS							
VOLVO							
V60 AWD PHEV							
A-S8, 2.0L, 4cyl, 34 and 65kW 3-phase Sync.	Electricity + Gasoline Premium Gasoline	69 MPGe ([47kWh + 0 gal]/100 mi)† 30 / 28 / 33	22 485	510	3	$1,150	10
SMALL SPORT UTILITY VEHICLES 4WD							
TOYOTA							
RAV4 Prime 4WD							
AV-S6, 2.5L, 4cyl, 40 and 134 kW AC Induction	Electricity + Gasoline Gasoline	94 MPGe ([36kWh + 0 gal]/100 mi)† 38 / 40 / 36	42 558	600	4.5	$750	10
STANDARD SPORT UTILITY VEHICLES 4WD							
BMW							
X5 xDrive45e							
A-S8, 3.0L, 6cyl, 83 kW DCPM	Electricity + Gasoline Premium Gasoline	50 MPGe ([63kWh + 0 gal]/100 mi)† 20 / 19 / 22	31 373	400	5	$1,550	9
VOLVO							
XC90 AWD PHEV							
A-S8, 2.0L, 4cyl, 34 and 65kW 3-phase Sync.	Electricity + Gasoline Premium Gasoline	55 MPGe ([58kWh + 0 gal]/100 mi)† 27 / 26 / 28	18 505	520	3	$1,400	9

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NOTES AND ABBREVIATIONS:

*.....Total range includes operation on both electricity and gasoline and is rounded to the nearest 10 miles.
†.....This vehicle did not use any gasoline for charge-depleting (electric) operation during EPA city and highway tests. However, depending on how you drive the vehicle, you may use both gasoline and electricity during charge-depleting operation following a full charge.
‡ .....Available for sale in March 2021
§.....Available nationwide

AC..... Alternating current induction motor
IPMSM.....Interior permanent magnet synchonous motor
Li-ion.....Lithium ion
MPGe..... Miles per gallon gasoline equivalent
MPK.....Miles per kilogram
Ni-MH..... Nickel-metal hydride
PEM.....Proton exchange membrane
PMSM.....Permanent magnet synchronous motor

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
ACURA				
RDX AWD				17
RDX AWD A-SPEC				17
RDX FWD				16
RDX FWD A-SPEC				16
AUDI				
A6 Allroad		101/30		15
A6 quattro		99/14		13
A7 quattro			95/25	13
A8 L		111/13		14
R8				11
R8 Spyder				11
RS 5	84/13			11
RS 5 Sportback			91/22	13
S6		98/16		13
S7			94/25	13
SQ5				17
BENTLEY				
Bentayga				18
Continental GT Convertible	77/6			11
BMW				
228i xDrive Gran Coupe		91/12		12
230i Convertible	82/10			11
230i Coupe	90/10			11
230i xDrive Coupe	90/10			11
330e		94/9		9,12,25
330e xDrive		94/9		12,25
530i		99/14		13
530i xDrive		99/14		13
540i xDrive		99/14		13
740i		114/14		14
740i xDrive		114/14		14
745e xDrive		114/10		9,14,25
750i xDrive		114/14		14
840i Coupe	81/15			11
840i xDrive Convertible	81/12			11
840i xDrive Coupe	81/15			11
840i xDrive Gran Coupe	100/16			13
Alpina B7		114/14		14
Alpina XB7				18
M2 Competition Coupe	86/10			11
M235i xDrive Gran Coupe		91/12		12
M240i Convertible	82/10			11
M240i Coupe	89/10			11
M240i xDrive Convertible	82/10			12
M240i xDrive Coupe	89/10			12
M340i		94/13		12
M340i xDrive		94/13		12
M5		103/14		13
M5 Competition		103/14		13
M550i xDrive		99/14		13
M760i xDrive		114/14		14
M8 Competition Convertible	81/12			12

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
M8 Competition Gran Coupe	100/16			13
M8 Gran Coupe	100/16			13
X1 sDrive28i			101/27	14
X1 xDrive28i			101/27	14
X2 M35i			94/21	13
X2 xDrive28i			94/21	13
X3 M				17
X3 M Competition				17
X3 M40i				17
X3 sDrive30i				16
X3 xDrive30i				17
X4 M				17
X4 M Competition				17
X4 M40i				17
X4 xDrive30i				17
X5 M				18
X5 M Competition				18
X5 M50i				18
X5 sDrive40i				18
X5 xDrive40i				19
X5 xDrive45e				19,25
X6 M				19
X6 M Competition				19
X6 M50i				19
X6 sDrive40i				18
X6 xDrive40i				19
X7 M50i				19
X7 xDrive40i				19
Z4 M40i				9,11
BUICK				
Encore AWD				17
Encore FWD				16
Encore GX AWD				17
Encore GX FWD				16
CADILLAC				
Escalade 2WD				18
Escalade 4WD				19
XT4 AWD		101/22		17
XT4 FWD		101/22		16
XT5 AWD				17
XT5 FWD				16
XT6 AWD				17
XT6 FWD				16
CHEVROLET				
Blazer AWD				17
Blazer FWD				16
Camaro	78/9			12
Colorado 2WD				9,15,21
Colorado 4WD				15,21
Colorado ZR2 4WD				15,21
Malibu		100/13		13
Spark		86/11		9,12
Spark ACTIV		86/11		9,12
Suburban 2WD				18
Suburban 4WD				19
Tahoe 2WD				18
Tahoe 4WD				19
Trailblazer AWD				17
Trailblazer FWD				16

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
Trax AWD				17
Trax FWD				16
FERRARI				
812 GTS				11
812 Superfast				11
F164 BCB	75/5			11
F8 Spider				11
F8 Tributo				11
Portofino	75/5			11
Roma	80/7			12
GENESIS				
G70 AWD		94/10		12
G70 RWD		94/10		12
G80 AWD		107/15		14
G80 RWD		107/15		14
G90 AWD		113/15		14
G90 RWD		113/15		14
GMC				
Acadia AWD				19
Acadia FWD				18
Canyon 2WD				9,15,21
Canyon 4WD				15,21
Yukon 2WD				18
Yukon 4WD				19
Yukon XL 2WD				18
Yukon XL 4WD				19
HONDA				
Clarity		102/16		13,25
Insight		98/15		13
Insight Touring		95/15		12
Odyssey				9,16
Pilot AWD				17
Pilot FWD				16
HYUNDAI				
Accent		90/14	91/22	12
Kona AWD				17
Kona FWD				16
Palisade AWD				19
Palisade FWD				18
Sonata		105/16		14
Sonata Hybrid		105/16		14
Sonata Hybrid Blue		105/16		9,14
Tucson AWD				17
Tucson FWD				16
Veloster		90/20		12
Veloster N		90/20		12
Venue		92/19		13
INFINITI				
QX50				16
QX50 AWD				17
QX80 2WD				18
QX80 4WD				19
JAGUAR				
F-Type R AWD Convertible				11
F-Type R AWD Coupe				11
F-Type S AWD Convertible				11

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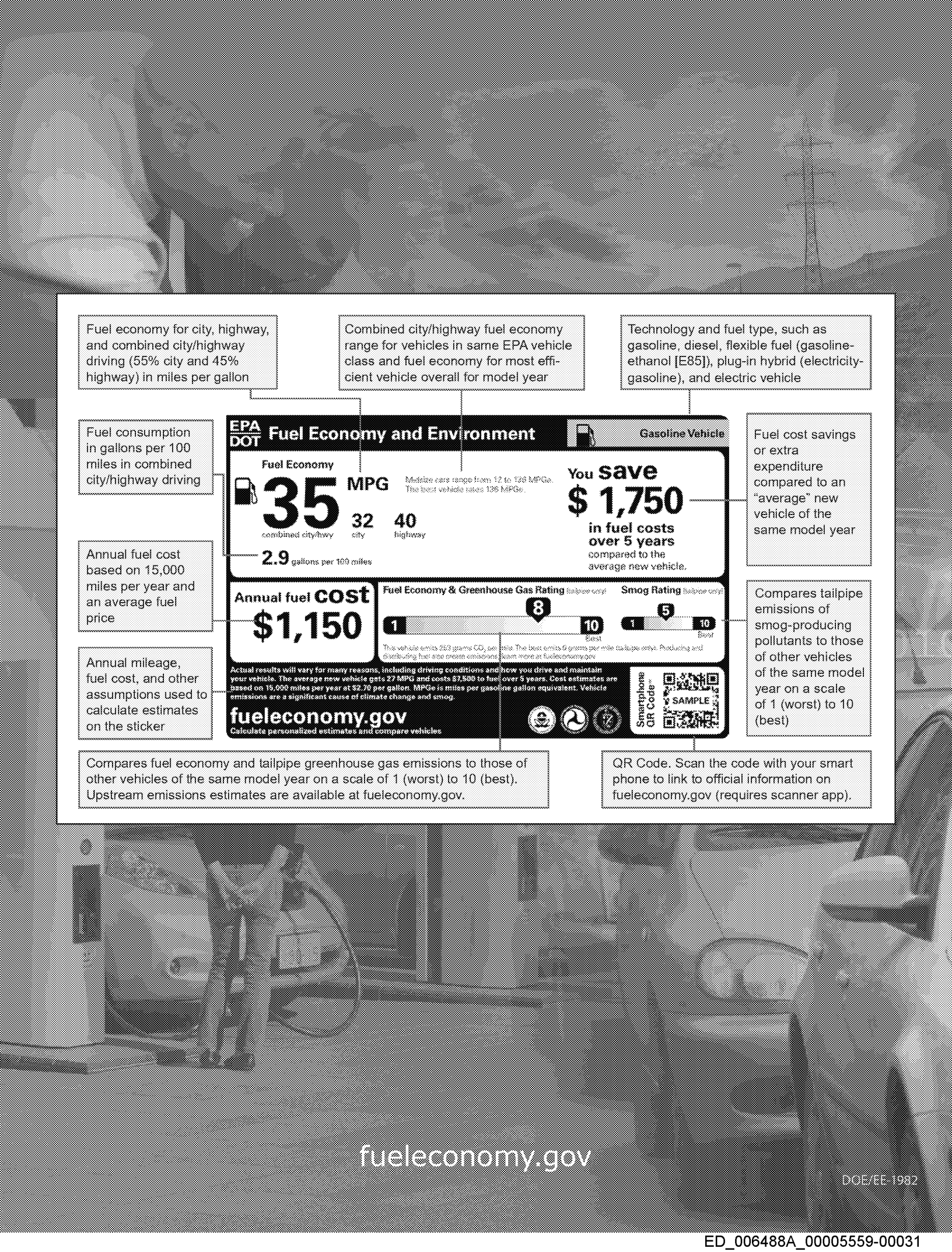
	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
F-Type S AWD Coupe				11
F-Type S Convertible				11
F-Type S Coupe				11
JEEP				
Compass 4WD				17
Compass FWD				16
Gladiator 4WD				9,15
Wrangler 2dr 4WD				17
Wrangler 4dr 4WD				17
Wrangler 4dr EcoDiesel 4WD				17,21
Wrangler Rubic 4dr EcoDiesel 4WD				17,21
KIA				
Forte		96/15		13
Forte FE		96/15		13
K5		105/16		14
Sedona				16
Seltos AWD				17
Seltos FWD				16
Soul		101/24		15
Soul Eco dynamics		101/24		9,15
Sportage AWD				17
Sportage FWD				16
Stinger AWD		95/23		13
Stinger RWD		95/23		13
Telluride AWD		157/21		17
Telluride FWD		157/21		16
LAMBORGHINI				
Huracan				11
Huracan 2WD				11
Huracan Spyder				11
Huracan Spyder 2WD				11
LAND ROVER				
Range Rover				19,21
Range Rover LWB				19
Range Rover LWB SVA				19
Range Rover Sport				19,21
Range Rover Sport MHEV				19
Range Rover Sport SVR				19
Range Rover SVA				19
LEXUS				
GX 460				19
LC 500	86/5			12
LC 500 Convertible	75/3			11
LC 500h	86/5			12
NX 300				16
NX 300 AWD				17
NX 300 AWD F Sport				17
NX 300h AWD				17
RX 350 L				16
RX 350 L AWD				17
RX 450h L AWD				9,19
MAZDA				
CX-30 2WD				16
CX-30 4WD				18
MERCEDES-BENZ				
AMG CLA35 4matic		89/12		12

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
AMG GLE53 4matic Plus				19
AMG GLE53 4matic Plus Coupe				19
AMG GLE63 S 4matic Plus				19
AMG GLS63 4matic Plus				19
CLA250		89/12		12
CLA250 4matic		89/12		12
GLA250				16
GLA250 4matic				18
GLB250				16
MINI				
Cooper Convertible	76/5			9,11
Cooper Countryman			97/18	13
Cooper Countryman All4			97/18	13
Cooper Hardtop 2 door			80/9	12
Cooper Hardtop 4 door			84/9	12
Cooper S Clubman			92/18	13
Cooper S Clubman All4			92/18	13
Cooper S Convertible	76/5			11
Cooper S Countryman			97/18	14
Cooper S Countryman All4			97/18	14
Cooper S Hardtop 2 door			80/9	12
Cooper S Hardtop 4 door			84/9	12
Cooper SE Hardtop 2 door			80/9	9,12,23
JCW Countryman All4			97/18	14
John Cooper Works Clubman All4			92/18	14
John Cooper Works Convertible	76/5			11
John Cooper Works GP			80/9	12
John Cooper Works Hardtop			80/9	12
NISSAN				
GT-R	79/9			12
Titan 2WD				15
Titan 4WD				15
Titan 4WD PRO-4X				15
ROLLS-ROYCE				
Cullinan		113/21		15
Cullinan Black Badge		113/21		15
Dawn	100/9			13
Dawn Black Badge	100/9			13
Ghost		111/13		15
Ghost EWB		120/13		15
Phantom		116/15		15
Phantom EWB		127/15		15
Wraith	99/13			14
Wraith Black Badge	99/13			14
SUBARU				
Ascent				19
Ascent Limited/Touring				19
Crosstrek AWD				18
Forester AWD				18
Impreza 4-Door		100/12		14
Impreza 5-Door		101/21		9,15
Impreza Sport 4-Door		100/12		14
Impreza Sport 5-Door		101/21		15
Legacy AWD		106/15		15
Outback AWD				18
TOYOTA				
4Runner 2WD				18

	Interior Volume (cu.ft.) Passenger / Cargo			
	2dr	4dr	Hatch	Pg
4Runner 4WD				19
Avalon		103/16		14
Avalon AWD		103/16		14
Avalon Hybrid		103/16		14
Avalon Hybrid XLE		103/16		14
Avalon TRD		103/16		14
Avalon XLE		103/16		14
Corolla		89/13		13
Corolla Hatchback			85/18	13
Corolla Hatchback XSE			85/18	13
Corolla Hybrid		89/13		9,13
Corolla XLE		89/13		13
Corolla XSE		89/13		13
GR Supra				9,11
Prius			91/27	14
Prius AWD			91/27	14
Prius Eco			91/27	9,14
Prius Prime			91/20	9,14,25
RAV4				16
RAV4 AWD				18
RAV4 AWD LE				18
RAV4 AWD TRD OFFROAD				18
RAV4 Hybrid AWD				9,18
RAV4 Prime 4WD				9,18,25
Venza AWD				18
VOLKSWAGEN				
Atlas				16
Atlas 4motion				18,19
Atlas Cross Sport				16
Atlas Cross Sport 4motion				18
Passat		102/16		14
VOLVO				
S60 AWD		93/12		13
S60 FWD		93/12		13
S90 AWD		102/14		14
S90 AWD PHEV		102/14		14,25
V60 AWD PHEV		94/29		9,15,25
V60 CC AWD		94/29		15
V60 FWD		94/29		15
V90 AWD		98/34		15
V90 CC AWD		98/34		15
V90 FWD		98/34		9,15
XC40 AWD		98/25		18
XC40 FWD		98/25		16
XC60 AWD		103/30		18
XC60 FWD		103/30		17
XC90 AWD		104/47		19
XC90 AWD PHEV		104/47		9,19,25
XC90 FWD		104/47		18



ED_006488A_00005559-00031

Appointment

From: Ball, Joel [ball.joel@epa.gov]
Sent: 9/3/2020 7:43:46 PM
To: Ball, Joel [ball.joel@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Dalton, Joel [Dalton.Joel@epa.gov]; Snyder, Jim [Snyder.Jim@epa.gov]; Cullen, Daniel [Cullen.Daniel@epa.gov]; Wright, DavidA [wright.davida@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Ott, William [ott.william@epa.gov]; Kochunas, Kathryn [kochunas.kathryn@epa.gov]; Good, David [good.david@epa.gov]

Subject: AAA test report response
Attachments: AAA testing questions.docx
Location: Microsoft Teams Meeting

Start: 9/8/2020 3:00:00 PM
End: 9/8/2020 4:00:00 PM
Show Time As: Busy

Required Attendees: Wehrly, Linc; Dalton, Joel; Snyder, Jim; Cullen, Daniel; Wright, DavidA; Rojeck, Tristin; Ott, William; Kochunas, Kathryn; Good, David

Here is a draft document I started to list concerns, observation, and recommendations based on the AAA report. Please continue to review the AAA report and raise any additional thoughts you have in this meeting so we can add them to the document.

Join Microsoft Teams Meeting

Ex. 6 Personal Privacy (PP)

tes, Washington DC (Toll)

Local numbers | Reset PIN | Learn more about Teams | Meeting options

By participating in EPA hosted virtual meetings and events, you are consenting to abide by the agency's terms of use. In addition, you acknowledge that content you post may be collected and used in support of FOIA and eDiscovery activities.

Appointment

From: Bain, Debbie T. [baindt@ornl.gov]
Sent: 6/20/2018 12:46:18 PM
To: Bain, Debbie T. [baindt@ornl.gov]; Bluestein, Linda [linda.bluestein@ee.doe.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Dafoe, Wendy [wendy.dafoe@nrel.gov]; Deitchel, Judi [judi.deitchel@nrel.gov]; French, Roberts [french.roberts@epa.gov]; Gibson, Robert C. [gibsonrc@ornl.gov]; Good, David [good.david@epa.gov]; Hopson, Janet L. [hopsonjl@ornl.gov]; Pugliese, Holly [pugliese.holly@epa.gov]; 'Smith, Dennis' [dennis.a.smith@ee.doe.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; West, Brian H. [westbh@ornl.gov]; Zaremski, Sara [zaremski.sara@epa.gov]

Subject: 2019 FEG Kick-off Conference Call
Attachments: Text to Edit for 2019.docx; 2018 FEG Timeline.pdf
Location: NTRC, D01 -- 865-574-1000

Start: 7/11/2018 7:30:00 PM
End: 7/11/2018 8:00:00 PM
Show Time As: Busy

Recurrence: (none)

UPDATED 6/28: Time changed from 2:00 to 3:30.

Call-in Number: Ex. 6 Personal Privacy (PP)
Ask for Ex. 6 Personal Privacy (PP) conference line

ORNL staff will meet in conference room D01

Tentative AGENDA

- Text revisions – due August 10
- Letters – electronic letters to car dealerships only this year?
- Cover – keep same image, update webpage photo?
- Data– due September 4

Attached is the 2019 Timeline and a copy of the text to be updated.

Let me know if you have other items you wish to discuss.

deb

Message

From: Schaefer, Ron [schaefer.ron@epa.gov]
Sent: 10/28/2021 6:52:37 PM
To: Sanchez, James [sanchez.james@epa.gov]
CC: Healy, Stephen [healy.stephen@epa.gov]
Subject: NHTSA GEM Concerns
Attachments: 2021.10.27.EPA_NHTSA MDHD Compliance.docx

James,

Ex. 5 Deliberative Process (DP) for vehicles with fuels other than Diesel or gasoline (see attachment). We were hoping to discuss this with you before things go to far since we're not convinced a change needs to be made to

Thank you,
Ron

Message

From: Cullen, Daniel [Cullen.Daniel@epa.gov]
Sent: 3/10/2021 6:33:44 PM
To: Dalton, Joel [Dalton.Joel@epa.gov]; Sohacki, Lynn [sohacki.lynn@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]
CC: Wright, DavidA [Wright.DavidA@epa.gov]
Subject: RE: Testing Tracker
Attachments: Compliance_Testing_3_21_TR and LS and JDD_DEC.xlsx

My updates.

Dan

From: Dalton, Joel <Dalton.Joel@epa.gov>
Sent: Wednesday, March 10, 2021 10:41 AM
To: Sohacki, Lynn <sohacki.lynn@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: Wright, DavidA <Wright.DavidA@epa.gov>; Cullen, Daniel <Cullen.Daniel@epa.gov>
Subject: RE: Testing Tracker

My update to Lynn's document is attached.

None of mine are called out – this is based on my planned picks from a list of what's coming from via email last week, but no alerts or commitments to them other than what are more likely picks so they could schedule those first in their own testing.

Bottom line – mine are flexible, other than I'll want to get FEDVs on some of these, assuming we can run valid tests at some point. That said, I'll also want the new EVAP if/when it comes soon, as we don't get many shots at those (and evap is not the new bottleneck – just the same old resource bottleneck.)

Ex. 5 Deliberative Process (DP) submissions are also imminent, but these are vehicles that are of less-concern just based on what I know.

Joel Dalton
USEPA

From: Sohacki, Lynn <sohacki.lynn@epa.gov>
Sent: Wednesday, March 10, 2021 9:34 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: Wright, DavidA <Wright.DavidA@epa.gov>; Cullen, Daniel <Cullen.Daniel@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>
Subject: RE: Testing Tracker

HI.

I added my vehicles to Tristin's table.

Lynn

From: Rojeck, Tristin <rojeck.tristin@epa.gov>
Sent: Wednesday, March 10, 2021 8:44 AM
To: Wehrly, Linc <wehrly.linc@epa.gov>

Cc: Wright, DavidA <Wright.DavidA@epa.gov>; Cullen, Daniel <Cullen.Daniel@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>; Sohacki, Lynn <sohacki.lynn@epa.gov>
Subject: RE: Testing Tracker

Hi Linc,

Thanks for the update.

Attached is the table updated with Ford and Tesla vehicles. I put these vehicles in the order of priority. Please let me know if you would like any further information.

Regards,

Tristin Rojeck

Light-Duty Vehicle Center - Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4649

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, March 10, 2021 7:50 AM
To: Cullen, Daniel <Cullen.Daniel@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Sohacki, Lynn <sohacki.lynn@epa.gov>
Cc: Wright, DavidA <Wright.DavidA@epa.gov>
Subject: Testing Tracker

This is a very simple spreadsheet, but would you each be willing to update it with the vehicles you plan to test over the next several weeks, similar to the discussion we had yesterday at our team meeting. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

If you guys could fill this out and send it back to me, we can discuss what, if any, changes we may need to make to the test schedule.

Thanks,
Linc

Engineer	EDV	FEDV	BEV	In-Use	Manufacturer	Vehicle
Dan Cullen		X	X		"X"	BEV-1250
		X			"X"	FSPU-4846
	X				"X"	Sedan-4988
	X				"X"	FSPU-T617
	X		PHEV		"Y"	SUV-320A
		X			"Y"	MSPU-031F
	X				"Y"	MSPU-074A
	X				"Y"	SUV-011A
		X			"Z"	SUV-2131-1
		X			"Z"	Minivan-2140
	X				"Z"	Sedan-2148
Joel Dalton	X				FCA	6.2L RAM 1500 TRX
					FCA	5.7L Jeep Wagoneer 4x2
		X			FCA	5.7L Jeep Wagoneer 4x2
	X				FCA	5.7L Jeep Wagoneer 4x4
		X			FCA	6.4L Jeep Wagoneer 4x2
	X				FCA	6.4L Jeep Wagoneer 4x4
		X			FCA	5.7L RAM 1500 BSG 4x2
Kathryn Kochunas						
Will Ott						
Tristin Rojeck		X	X		Tesla	Model S Long Range
		X			Ford	2.3L Bronco
	X				Ford	3.5L F-150 Raptor
	X				Ford	2.7L Bronco
		X	X		Tesla	Model Y Long Range
(Not discussed 3/9)		X			Tesla	Model 3 Long Range
Jim Snyder						
Lynn Sohacki						
				X	Nissan	Versa
				X	Nissan	Versa
				X	Nissan	Versa
				X	Loaner vehicle	
				X	Hyundai	Elantra
				X	Hyundai	Elantra
				X	Hyundai	Elantra
				X	Private vehicle	TBD

Tests	Timing
Ex. 5 Deliberative Process (DP)	**Ex. 4 CBI**

DO NOT EDIT

For Esri use only

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 3/15/2021 4:07:33 PM
To: Cherry, Jeff [Cherry.Jeff@epa.gov]
CC: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: RE: kWh/mile consumption for certified EVs
Attachments: 21 Test Car List EV Rnd Adj wh per mile.xlsx

Jeff,

Attached is the list of EVs from the 2021 EPA test car list which has the official FE data for all vehicles. I have gone in and converted the rounded adjusted city and highway fuel economy values to wh/mi results in the column right next to the fuel economy result.

I think this will work for the vast majority of the data in the data base, expect for Tesla and possibly a couple of others. I think the Tesla city and highway results might be displayed in kWh per hundred miles or some other value. We can look into that at a later date.

The equation for converting MPGe to wh/mi is to invert MPGe and multiply by 33705 kWh/gal of gasoline which is the conversion factor used to convert between MPGe and mi/wh defined in the EPA regulations, you can find it in the definitions section of Part 600 where it is defined as the gasoline gallon equivalent.

I will be out of the office this afternoon, but, will be back in the office tomorrow. You can check the results by also going to the fuel economy dot gove website and checking the MPGe result listed on the fuel economy website with the value in the spreadsheet.

I am also including Tristin on this e-mail as he might have some additional insights for gathering these data as well.

Regards,

David

From: Cherry, Jeff <Cherry.Jeff@epa.gov>
Sent: Monday, March 15, 2021 10:25 AM
To: Wright, DavidA <Wright.DavidA@epa.gov>
Subject: kWh/mile consumption for certified EVs

David,

We had discussed the possibility of obtaining the kWh/mile consumption for certified EVs.

Any more thoughts on the available of this data?

Thank you,

Jeff

Jeff Cherry
United States Environmental Protection Agency
Office of Air and Radiation

Office of Transportation and Air Quality
Assessment & Standards Division
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, MI 48105
Voice: 734-214-4371
cherry.jeff@epa.gov

Message

From: Barba, Daniel [Barba.Daniel@epa.gov]
Sent: 4/13/2021 7:38:36 PM
To: Olechiw, Michael [olechiw.michael@epa.gov]; Cherry, Jeff [Cherry.Jeff@epa.gov]; Safoutin, Mike [safoutin.mike@epa.gov]; Ellies, Ben [ellies.ben@epa.gov]; Fernandez, Antonio [fernandez.antonio@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; McBryde, Dan [mcbryde.dan@epa.gov]; Cullen, Daniel [Cullen.Daniel@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Moran, Robin [moran.robin@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]; Burke, Susan [Burke.Susan@epa.gov]
CC: Moskalik, Andrew [Moskalik.Andrew@epa.gov]
Subject: RE: Update on EV Testing: Long-term Rulemaking Recommendations
Attachments: EV Range rev 2.pptx; AAA data.pptx

All,

As briefly discussed in today's meeting, attached is a presentation Andy Moskalik gave to the LD GHG benchmarking and ALPHA modeling team in February on the effect of temperature on EV range (EV Range rev 2) which addressed Sarah's request to look into the label issue related to cold temperature operation. This briefing was only given to the tech team. I am not aware of any briefing given to Sarah on the topic.

Also attached is the AAA report that Andy summarized in the presentation.

Dan

-----Original Appointment-----
From: Olechiw, Michael <olechiw.michael@epa.gov>
Sent: Thursday, February 11, 2021 9:01 AM
To: Olechiw, Michael; Cherry, Jeff; Safoutin, Mike; Ellies, Ben; Fernandez, Antonio; Wright, DavidA; Bunker, Amy; McBryde, Dan; Cullen, Daniel; Rojeck, Tristin; Moran, Robin; Barba, Daniel; Wehrly, Linc; Hula, Aaron
Cc: Burke, Susan
Subject: Update on EV Testing: Long-term Rulemaking Recommendations
When: Tuesday, April 13, 2021 12:00 PM-1:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

EV Testing Task Force update.

The purpose of the is meeting is for the EV Testing Task Force to brief the LDV GHG Rulemaking team on recommendations for updates to EV test procedures.

David Wright and Jeff Cherry to present findings and recommendations.

Note that we will also want to brief Bill, Byron and David … this will make a good "dry run" for that briefing.

Microsoft Teams meeting

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Message

From: Cherry, Jeff [Cherry.Jeff@epa.gov]
Sent: 4/13/2021 3:35:59 PM
To: Olechiw, Michael [olechiw.michael@epa.gov]; Safoutin, Mike [safoutin.mike@epa.gov]; Ellies, Ben [ellies.ben@epa.gov]; Fernandez, Antonio [fernandez.antonio@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; McBryde, Dan [mcbryde.dan@epa.gov]; Cullen, Daniel [Cullen.Daniel@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Moran, Robin [moran.robin@epa.gov]; Barba, Daniel [Barba.Daniel@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]
CC: Burke, Susan [Burke.Susan@epa.gov]
Subject: RE: Update on EV Testing: Long-term Rulemaking Recommendations
Attachments: Initial list of EV testing issues 03 10 2021a.docx

Team,

For reference - Attached is the draft document we will be reviewing at 12:00 during the Update on EV Testing discussion.

Thank you,

Jeff

Jeff Cherry
United States Environmental Protection Agency
Office of Air and Radiation
Office of Transportation and Air Quality
Assessment & Standards Division
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, MI 48105
Voice: 734-214-4371
cherry.jeff@epa.gov

-----Original Appointment-----
From: Olechiw, Michael <olechiw.michael@epa.gov>
Sent: Thursday, February 11, 2021 9:01 AM
To: Olechiw, Michael; Cherry, Jeff; Safoutin, Mike; Ellies, Ben; Fernandez, Antonio; Wright, DavidA; Bunker, Amy; McBryde, Dan; Cullen, Daniel; Rojeck, Tristin; Moran, Robin; Barba, Daniel; Wehrly, Linc; Hula, Aaron
Cc: Burke, Susan
Subject: Update on EV Testing: Long-term Rulemaking Recommendations
When: Tuesday, April 13, 2021 12:00 PM-1:00 PM (UTC-05:00) Eastern Time (US & Canada).
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EV Testing Task Force update.

The purpose of the is meeting is for the EV Testing Task Force to brief the LDV GHG Rulemaking team on recommendations for updates to EV test procedures.

David Wright and Jeff Cherry to present findings and recommendations.

Note that we will also want to brief Bill, Byron and David … this will make a good "dry run" for that briefing.

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Message

From: Smithson, Arlene [smithson.arlene@epa.gov]
Sent: 4/8/2021 8:42:27 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: PRELIMINARY Tesla 3 test summary
Attachments: EV MCT Calculator_Tesla3_040621.xlsx; Tesla3Data040621.xlsx

Hi, Tristin:

Attached is the preliminary summary report and data file for the Tesla Model 3 vehicle. It is for internal consumption yet as it has to go through our QC review.

Yours, Arlene

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 4/27/2021 7:49:26 PM
To: Dalton, Joel [Dalton.Joel@epa.gov]; Snyder, Jim [Snyder.Jim@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Cullen, Daniel [Cullen.Daniel@epa.gov]
Subject: EV MCT Calculator spreadsheet
Attachments: EV confirmatory evaluation wrksht Tesla MY.xlsx

David Wright
Light-Duty Vehicle Center – Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

Message

From: Birgfeld, Erin [Birgfeld.Erin@epa.gov]
Sent: 7/15/2020 1:34:25 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]
CC: Wehrly, Linc [wehrly.linc@epa.gov]
Subject: RE: Car and Driver feature
Attachments: Car_and_Driver EV testing questions 14 July 2020_v5-EB.docx

Dear David, Linc and Tristin,

I took a look this morning and with fresh eyes I see that this is in a really good place. I made a few adjustments for clarity. One in particular wondering if a 40% downward adjustment is equal to a 0.6 adjustment factor? Speaking about these in the same terms might be helpful.

In any case, these changes are suggestions so LMK if there are any that do not work.

Thanks again for all your work on this.

Sincerely,
Erin

From: Birgfeld, Erin
Sent: Tuesday, July 14, 2020 5:41 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Cc: Wehrly, Linc <wehrly.linc@epa.gov>
Subject: FW: Car and Driver feature

Dear David,

Thank you so much for all this really good technical work and background. Ex. 5 Deliberative Process (DP) Car and Driver. I've asked for an extension and will work on some suggested adjustment tomorrow for you guys to approve. Thank you again. This is not an easy one!

-Erin

From: Wright, DavidA <Wright.DavidA@epa.gov>
Sent: Tuesday, July 14, 2020 2:39 PM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Cc: Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Erin,

Here is the latest version which includes Byron's last requested edit.

Regards,

David

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Tuesday, July 14, 2020 2:30 PM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Cc: Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

David,

Could you please send the latest version to Erin?

Thanks,
Linc

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Tuesday, July 14, 2020 12:27 PM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Cc: Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

HI Linc… would you mind resending the final doc? I can't seem to find it. Apologies for reviewing this so late. Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Thank you!

-Erin

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Tuesday, July 14, 2020 9:06 AM
To: Bunker, Byron <bunker.byron@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Subject: RE: Car and Driver feature

Erin,

Are you good with the response we have? Let us know if you need anything else.

Thanks,
Linc

From: Bunker, Byron <bunker.byron@epa.gov>
Sent: Monday, July 13, 2020 1:56 PM
To: Wright, DavidA <Wright.DavidA@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Subject: RE: Car and Driver feature

Awesome. Thanks David. I really appreciate you and Tristin scrambling on this.

Erin/Chris – will this work for what we need to share with Car and Driver? If we think this is a lot written, we could ask Linc/David/Tristin to talk with the reporter on background to explain the answers.

Thanks,

Byron

****
Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623
****

From: Wright, DavidA <Wright.DavidA@epa.gov>
Sent: Monday, July 13, 2020 1:53 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Subject: RE: Car and Driver feature

Byron,

I just talked with Tristin and we don't have any concerns with your added language describing the Toyota Prius.

With respect to documenting the additional language I added at your request regarding the analysis in 2015 confirming the prior 2011 rulemaking analysis the supporting documentation is a bullet point in a presentation Rob prepared titled 'Updating Coefficients in the "Derived 5-Cycle" Equations' (5-cycle updates 2015 v4.pptx).

The bullet point is:

2-cycle to 5-cycle adjustment increases with mpg and varies by test cycle
- Varies from -20% at 20 mpg (City) to -31% at 70 mpg (Hwy)

We could also provide a copy of the guidance document which has the 5-cycle and 2-cycle city and highway data plotted, however, it is not clear from these plots that 0.7 is the value.

Beyond the guidance letter and the bullet point in the internal powerpoint Rob drafted I do not have any additional documentation.

Regards,

David

From: Bunker, Byron <bunker.byron@epa.gov>
Sent: Monday, July 13, 2020 12:23 PM
To: Wright, DavidA <Wright.DavidA@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Birgfeld, Erin

<Birgfeld.Erin@epa.gov>
Subject: RE: Car and Driver feature

Thanks David.

The 2015 addition looks good to me. We should be ready to document it if we get asked. Ideally with the guidance letter itself, or perhaps the Powerpoint slides.

I have one more suggested edit copied just below in redline. Please review and make sure it is accurate/makes sense to you and Tristin.

Ex. 5 Deliberative Process (DP)

Thanks,

Byron

****
Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623
****

From: Wright, DavidA <Wright.DavidA@epa.gov>
Sent: Monday, July 13, 2020 9:51 AM
To: Bunker, Byron <bunker.byron@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Subject: RE: Car and Driver feature

Byron,

Let me know what you think of the proposed edits based on your comments. The 2015 highest adjustment factor I took

Ex. 5 Deliberative Process (DP)

Regards,

David

From: Bunker, Byron <bunker.byron@epa.gov>
Sent: Monday, July 13, 2020 8:53 AM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Birgfeld, Erin

<Birgfeld.Erin@epa.gov>
Subject: RE: Car and Driver feature

Thanks guys.

Ex. 5 Deliberative Process (DP)

Thanks,

Byron

****
Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623
****

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Monday, July 13, 2020 8:37 AM
To: Wright, DavidA <Wright.DavidA@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Subject: RE: Car and Driver feature

David,

I think this looks great! Let's wait and see if we get any comments from Byron. Thanks to you and Tristin for pulling this together.

Linc

From: Wright, DavidA <Wright.DavidA@epa.gov>
Sent: Friday, July 10, 2020 2:40 PM

To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Subject: RE: Car and Driver feature

Attached is the draft response to the Car and Driver questions. Let Tristin and myself know if you have any additional questions or suggestions for further editing or revisions.

Regards,

David

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 08, 2020 4:57 PM
To: Wright, DavidA <Wright.DavidA@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

That sounds great to me.

From: Wright, DavidA <Wright.DavidA@epa.gov>
Sent: Wednesday, July 08, 2020 2:52 PM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

I do think we can draft something reasonable by Monday addressing the question about 5-cycle testing and how that has been applied to EVs along with a reasonable response to how the 0.7 adjustment factor was derived.

I'm thinking it would be good for Tristin and I to work out a draft response and then forward that to Linc, Byron, Chris, and Erin for your feedback. I would think we could have our draft out by Friday morning.

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 08, 2020 2:34 PM
To: Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Do you guys think we can draft something by Monday?

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Wednesday, July 08, 2020 2:13 PM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Thanks Linc. If this is unworkable we can push back.

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 8, 2020 1:06 PM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

I hope so. I haven't had a chance to talk to the team yet. Hopefully, well know more this afternoon.

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Wednesday, July 08, 2020 1:01 PM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Can you guys manage to get a response by Monday?

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 8, 2020 11:18 AM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

That would be great!

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Wednesday, July 08, 2020 11:06 AM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

I figured… you always get the hard ones Linc!

I'll let you know when I find out about deadlines. I will note that this could take a while. Would you want until early next week?

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 8, 2020 11:02 AM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Erin,

I will need to consult with Byron and some of my team on this. These are pretty complicated questions and there are not real simple answers.

Thanks,
Linc

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Wednesday, July 08, 2020 10:50 AM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>
Subject: FW: Car and Driver feature

Dear Linc and Byron,

Here is a press inquiry from Car and Driver. No deadline on this yet but wanted to share.

Thank you!

-Erin

From: VanderWerp, Dave <dave.vanderwerp@hearst.com>
Sent: Wednesday, July 8, 2020 10:44 AM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Subject: Car and Driver feature

Hi Erin,

I'm working on a piece on Tesla's ability to generate the largest EPA range figures among EVs and had a couple questions that I'm hoping you can help me answer.

- One thing I stumbled upon in my digging on this topic is that Tesla is the only OEM that uses five-cycle testing to generate a more favorable adjustment factor for its range and efficiency figures, and wondering if someone might be able to explain how the two-cycle vs. five-cycle was architected specifically for EVs.
- I was also wondering how the default 0.7 adjustment factor came about. Presumably there was some correlation between the test cycles and real-world driving?

Thanks,

DAVE VANDERWERP
DIRECTOR, VEHICLE TESTING

E dave.vanderwerp@hearst.com
T 734.352.8033 **M** 313.400.3616
caranddriver.com

Car and Driver Questions:

One thing I stumbled upon in my digging on this topic is that Tesla is the only OEM that uses five-cycle testing to generate a more favorable adjustment factor for its range and efficiency figures, and wondering if someone might be able to explain how the two-cycle vs. five-cycle was architected specifically for EVs.

I was also wondering how the default 0.7 adjustment factor came about. Presumably there was some correlation between the test cycles and real-world driving?

Proposed EPA response:

Ex. 5 Deliberative Process (DP)

Formatted: Highlight

Ex. 5 Deliberative Process (DP)

Message

From: Ellies, Ben [ellies.ben@epa.gov]
Sent: 5/12/2021 4:48:56 PM
To: Moran, Robin [moran.robin@epa.gov]; Barba, Daniel [Barba.Daniel@epa.gov]; Bohac, Stani [bohac.stani@epa.gov]; Bolon, Kevin [Bolon.Kevin@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Burch, Julia [Burch.Julia@epa.gov]; Burke, Susan [Burke.Susan@epa.gov]; Caffrey, Cheryl [caffrey.cheryl@epa.gov]; Cherry, Jeff [Cherry.Jeff@epa.gov]; Davidson, Ken [Davidson.Ken@epa.gov]; Dekraker, Paul [dekraker.paul@epa.gov]; Doorlag, Mark [doorlag.mark@epa.gov]; Fernandez, Antonio [fernandez.antonio@epa.gov]; Helfand, Gloria [helfand.gloria@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]; Jackman, Dana [jackman.dana@epa.gov]; Kargul, John [kargul.john@epa.gov]; Kataoka, Mark [Kataoka.Mark@epa.gov]; Lee, Soduk [Lee.Soduk@epa.gov]; Lieske, Christopher [lieske.christopher@epa.gov]; McDonald, Joseph [McDonald.Joseph@epa.gov]; Miller, Elizabeth [Miller.Elizabeth@epa.gov]; Moskalik, Andrew [Moskalik.Andrew@epa.gov]; Neam, Anthony [Neam.Anthony@epa.gov]; Newman, Kevin [newman.kevin@epa.gov]; Noyce, Christian [noyce.christian@epa.gov]; Olechiw, Michael [olechiw.michael@epa.gov]; Ragnauth, Shaun [Ragnauth.Shaun@epa.gov]; Safoutin, Mike [safoutin.mike@epa.gov]; Sarofim, Marcus [Sarofim.Marcus@epa.gov]; Schenk, Charles [schenk.charles@epa.gov]; Shelby, Michael [Shelby.Michael@epa.gov]; Sherwood, Todd [sherwood.todd@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]; Stuhldreher, Mark [stuhldreher.mark@epa.gov]; Watten, Asa [watten.asa@epa.gov]; Wysor, Tad [wysor.tad@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
CC: Maguire, Andrea [Maguire.Andrea@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Mroz, Jessica [mroz.jessica@epa.gov]; Sui, Lang [Sui.Lang@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]; Graff, Michelle [graff.michelle@epa.gov]; Zawacki, Margaret [zawacki.margaret@epa.gov]; Lie, Sharyn [Lie.Sharyn@epa.gov]
Subject: RE: Agenda for 1pm LD GHG Team meeting
Attachments: NAS 2021 LD report - summary draft.pptx

Here is the slide deck that I am going to run (sprint!) through. It is still very much a work in progress.

Those of you who have contributed, much thanks. There will be a live copy of the slide deck in the teams folder if you want to make edits/comments.

From: Moran, Robin <moran.robin@epa.gov>
Sent: Wednesday, May 12, 2021 12:38 PM
To: Barba, Daniel <Barba.Daniel@epa.gov>; Bohac, Stani <bohac.stani@epa.gov>; Bolon, Kevin <Bolon.Kevin@epa.gov>; Buchsbaum, Seth <buchsbaum.seth@epa.gov>; Burch, Julia <Burch.Julia@epa.gov>; Burke, Susan <Burke.Susan@epa.gov>; Caffrey, Cheryl <caffrey.cheryl@epa.gov>; Cherry, Jeff <Cherry.Jeff@epa.gov>; Davidson, Ken <Davidson.Ken@epa.gov>; Dekraker, Paul <dekraker.paul@epa.gov>; Doorlag, Mark <doorlag.mark@epa.gov>; Ellies, Ben <ellies.ben@epa.gov>; Fernandez, Antonio <fernandez.antonio@epa.gov>; Helfand, Gloria <helfand.gloria@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Jackman, Dana <jackman.dana@epa.gov>; Kargul, John <kargul.john@epa.gov>; Kataoka, Mark <Kataoka.Mark@epa.gov>; Lee, Soduk <Lee.Soduk@epa.gov>; Lieske, Christopher <lieske.christopher@epa.gov>; McDonald, Joseph <McDonald.Joseph@epa.gov>; Miller, Elizabeth <Miller.Elizabeth@epa.gov>; Moskalik, Andrew <Moskalik.Andrew@epa.gov>; Neam, Anthony <Neam.Anthony@epa.gov>; Newman, Kevin <newman.kevin@epa.gov>; Noyce, Christian <noyce.christian@epa.gov>; Olechiw, Michael <olechiw.michael@epa.gov>; Ragnauth, Shaun <Ragnauth.Shaun@epa.gov>; Safoutin, Mike <safoutin.mike@epa.gov>; Sarofim, Marcus <Sarofim.Marcus@epa.gov>; Schenk, Charles <schenk.charles@epa.gov>; Shelby, Michael <Shelby.Michael@epa.gov>; Sherwood, Todd <sherwood.todd@epa.gov>; Snapp, Lisa <snapp.lisa@epa.gov>; Stuhldreher, Mark <stuhldreher.mark@epa.gov>; Watten, Asa <watten.asa@epa.gov>; Wysor, Tad <wysor.tad@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Cc: Maguire, Andrea <Maguire.Andrea@epa.gov>; Bunker, Amy <Bunker.Amy@epa.gov>; Mroz, Jessica <mroz.jessica@epa.gov>; Sui, Lang <Sui.Lang@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Graff, Michelle <graff.michelle@epa.gov>; Zawacki, Margaret <zawacki.margaret@epa.gov>; Lie, Sharyn <Lie.Sharyn@epa.gov>
Subject: Agenda for 1pm LD GHG Team meeting

Hi team, here's our agenda for today. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) See you in 20 minutes!

Robin

May 12, 2021 LD GHG Team Weekly (Web view)

May 12, 2021 LD GHG Team Weekly

Wednesday, May 12, 2021
12:14 PM

Ex. 5 Deliberative Process (DP)

- **Stakeholder Meetings & Conferences**
  - Ceres (May 12)
  - Nissan (May 13)
  - Toyota (requested, tbd)
  - National Tribal Forum on Air Quality - LD presentation (Q&A sessions May 18 & 20, Moran)
  - STEPS Spring Research Symposium (May 19-20 -- Bill Charmley speaking on panel)
  - We Act (May 20)
  - NGO Technical meeting (May 24)
  - Bosch (May 25)
  - Canada ECCC monthly (May 27)
  - Kia (June 24)
  - Volvo (tbd June 2?)
  - NACAA Mobile Source Committee with OTAQ (late June)
  - CAR Management Briefing Seminars (Traverse City, August 4-5)
  - CAR invitation for EPA to present at joint Coalition for Lightweight Materials (CALM) and Advanced Propulsion Roundtable groups (after August 1)
  - Future Mobility Detroit - Automotive News conference, various AV/EV topics (Sept. 8-9, The Westin, Dearborn) agenda
  - North American International Auto Show (Detroit, September 28-29)
  - Aachen Colloquim- (Oct 4-6; registration issues?)
  - Asilomar (Oct 5-8)

-----Original Appointment-----
From: Moran, Robin
Sent: Monday, November 23, 2020 2:13 PM
To: Moran, Robin; Barba, Daniel; Bohac, Stani; Bolon, Kevin; Buchsbaum, Seth; Burch, Julia; Burke, Susan; Caffrey, Cheryl; Cherry, Jeff; Davidson, Ken; Dekraker, Paul; Doorlag, Mark; Ellies, Ben; Fernandez, Antonio; Helfand, Gloria; Hula, Aaron; Jackman, Dana; Kargul, John; Kataoka, Mark; Lee, Soduk; Lieske, Christopher; McDonald, Joseph; Miller, Elizabeth; Moskalik, Andrew; Neam, Anthony; Newman, Kevin; Noyce, Christian; Olechiw, Michael; Ragnauth, Shaun; Safoutin, Mike; Sarofim, Marcus; Schenk, Charles; Shelby, Michael; Sherwood, Todd; Snapp, Lisa; Stuhldreher, Mark; Watten, Asa; Wysor, Tad; Rojeck, Tristin
Cc: Andrea Maguire (Maguire.Andrea@epa.gov); Bunker, Amy; Mroz, Jessica; Sui, Lang; Wright, DavidA; Graff, Michelle; Zawacki, Margaret; Lie, Sharyn
Subject: LD GHG Team Meeting
When: Wednesday, May 12, 2021 1:00 PM-2:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

Bi-weekly recurring team meeting.

Microsoft Teams meeting

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Message

From: Danzeisen, Karen [Danzeisen.Karen@epa.gov]
Sent: 5/27/2021 5:40:02 PM
To: Bunker, Amy [Bunker.Amy@epa.gov]
CC: Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: RE: Query for Trends - add fields for EV and PHEV range?
Attachments: FE Label Trends 2021-2022.xlsx

Amy,

I wasn't sure which model years you wanted the Label Trends data for so I ran the query for MY2021 and MY2022 and exported them to separate tabs in the attached spreadsheet. Please take a quick look at the new columns at the end and let me know if need any changes. If not, I'll update the CAFE Trends query while it's fresh in my mind.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Compliance Division (CD)
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Thursday, May 27, 2021 11:42 AM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Thanks! Why don't we put "Mechanically Variable Compression Ratio" at the end since I don't know if our contractor is indexing off of the column titles or count. When you re-run the GL query, please do it for all vehicles, not just the alt fuel vehicles.

Also, when you have time, please add the new fields (Model Type Driving Range and the Mechanically Variable Compression Ratio) to the CAFÉ query, too. No need to run that query yet, but I don't want to forget ☺

Thanks again!

Amy

From: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Sent: Thursday, May 27, 2021 11:10 AM
To: Bunker, Amy <Bunker.Amy@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Rojeck, Tristin

<rojeck.tristin@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Amy,

While Tristin ruminates about your question of a separate PHEV test calc query (which is do-able), I forgot to address your final question at the bottom about Mechanically Variable Compression Ratio… that is a bit of data found in the Test Group table. It's just an indicator field (Yes or No), not an actual ratio value. I can add this to the FE Label Trends query if you'd like. I can either put it in the same area as the other "basic engine" testgroup fields (e.g. VVT, EGR,HP, air aspiration, etc…) or I can append it to the end after the Model Type Driving Range (which I just added a few weeks ago).

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Compliance Division (CD)
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Thursday, May 27, 2021 10:56 AM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Hi Karen,

Thanks for the info. That's what I was worried about. Since we don't think there will be complete data in those fields yet, let's wait to see if those same fields get added to the GL Label table (or it's dependents) in the future before we try adding the TI fields to the GL trends query.

However, we are wondering if you think it makes sense to create a separate query, just for the PHEV data, from the TI table (or it's child). **Tristin,** interested on your input on this idea, too, since the bulk of the work gathering the Trends PHEV data falls to you.

Thanks,
Amy

From: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Sent: Thursday, May 27, 2021 10:30 AM
To: Bunker, Amy <Bunker.Amy@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Hi Amy,

Currently the Trends queries do not include any data at the test level. The table the data which you are interested in (LD_TEST_PHEV_CALC) is a "child" table of the main Test Info table. If I were to add this data to the Trends query I think I would have to join the test records in the LDFE subconfiguration vehicle info table and then this PHEV Calc table data would be joined to the tests. I don't know if there is one PHEV Calc record per test or if there are many records per test, but for sure there would be additional rows in the Trends dataset because I'd have to add the Test Number, Test Procedure, Test Fuel Type(?) and all the PHEV calc data elements as new columns. I could try it, but it seems like it would muddy the results which may be why Dave's got it on a separate tab in the FE Guide spreadsheet.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Compliance Division (CD)
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Thursday, May 27, 2021 9:23 AM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Hi Karen,

I heard back from Dave that there is a new field, TI-71, in EV-CIS that has the UDDS and HWY Utility factor data that we are looking for. It won't have very much data this year (Dave said it was added in March), but I am wondering if the existing query structure is compatible with accessing data in the TI table – we would need both the UDDS and Hwy data. If you are not already pulling from other TI fields and this is a big hassle, or if this introduces a whole new level of data that we are not already accessing and it would be a mistake because of the data structure and resolution we use for Trends, please let me know and we will hold off on this.

There are also some other new fields in the TI table that I think will make sense to have in the future, so all of them are listed below. But again, if accessing the TI table doesn't make sense for the existing structure and aggregation level of the Trends query, please let us know.

Fields to add in TI Table
for UDDS and HWY

TI-53	**PHEV Charge-Depleting Utilized Total Fuel Consumption Rate (55/45 FUF, Rcdc), Unadjusted (gal-equiv/mile)**
TI-54	**PHEV Charge-Depleting Utilized Total Fuel Consumption Rate (43/57 FUF, Rcdc), Adjusted (gal-equiv/mile)**
TI-63	**PHEV Charge-Depleting Utilized CO2 Rate (MDIUF, Rcdc), Adjusted (g/mi)**

TI-64	**PHEV Charge-Depleting Utilized CREE (55/45 FUF, Rcdc), Unadjusted (g/mi)**
TI-65	**PHEV Charge-Depleting Utilized CREE (43/57 FUF, Rcdc), Adjusted (g/mi)**
TI-66	**PHEV Charge-Depleting Utilized OPT-CREE (55/45 FUF, Rcdc), Unadjusted (g/mi)**
TI-67	**PHEV Charge-Depleting Utilized Opt-CREE (43/57 FUF, Rcdc), Adjusted (g/mi)**
TI-68	**PHEV Charge-Depleting 55/45 Fleet Utility Factor (FUF) for Rcdc**
TI-71	**PHEV Charge-Depleting MDIUF based on unadjusted Rcda**
TI-72	**PHEV Charge-Depleting Fleet Utility Factor (43/57 FUF), Rcdc**

Similarly, would it be easy to add the following field to the query: TG-32.7 **Mechanically Variable Compression Ratio**. Again, if it is a hassle or does not make sense due to the structure of the existing Trends query data, please let us know.

TG-32.7	**Mechanically Variable Compression Ratio**

Thanks,
Amy

From: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Sent: Wednesday, May 26, 2021 11:09 AM
To: Bunker, Amy <Bunker.Amy@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Hey Amy,

I just want to touch base with you on this request. For the first bullet I could not find the Combined Utility Factor anywhere in the database so it's probably something that Ching-shih calculates in his FE Guide macro. I have asked him for some insight on that but I've not heard back yet (he's been busy testing a new feature in EV-CIS).

For the second bullet, it doesn't seem like either one of those fields is in the FE Label Trends query dataset which is what I have control of. There is one similar field in my Trends query labelled as TRANS_TYPE_DESC.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Compliance Division (CD)
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov

(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Monday, May 24, 2021 9:01 AM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Hi Karen,

I have one more data field to request that you add to the Trends GL query for PHEVs and one field name question:

- Can you add the label utility factor (combined composite 55/45 adjusted) to the end of the query? In the FE Guide file, this is located on the PHEV tab in column FO "Comb Utility Factor (MDIUF)". When you have time, can you send us a new GL query (all vehicles, not just alt fuel vehicles) with this field added to the end?
- Our contractor asked about the field named TRANS_TYPE_DESC1" or "TRANS_TYPE_DESC_1" Apparently the naming for this field is not always consistent, so he wanted to check to see which field name is most likely to be used going forward.

Thanks,
Amy

From: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Sent: Thursday, May 13, 2021 2:27 PM
To: Bunker, Amy <Bunker.Amy@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Ok sounds good. I'll await your request for any further changes.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Compliance Division (CD)
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Bunker, Amy <Bunker.Amy@epa.gov>
Sent: Thursday, May 13, 2021 2:25 PM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Hi Karen,

Thank you!

The PHEV data in the trends query has multiple rows per model type, even multiple rows per base level, where column AT has the fuel-usage units, so our contractor is used to merging somewhat duplicate rows of information. I took a brief look at the new data you sent, and I think it looks right. The query already had total range for PEHVs in column BJ "PHEV_TOT_DRIVE_DISTANCE", so I think we are good. I'll dig more tomorrow and let you know next week if we need something different. For right now, I only need this file, so no need to rework the other one until I get back to you about whether this one has everything we need.

Many thanks!
Amy

From: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Sent: Thursday, May 13, 2021 2:14 PM
To: Bunker, Amy <Bunker.Amy@epa.gov>
Subject: RE: Query for Trends - add fields for EV and PHEV range?

Hi Amy,

In Ching-shih's FE Guide file (based on a query I originally did for Dave) he uses a macro to add columns or tabs to split conventional data with electricity data. It looks to me that most all those fields are based on the Model Type Driving Range field. The only other fields I see in the same table (LDFE_FUEL_USAGE_VALUES) are MFR City and Highway Lower and Upper Ranges (4 fields total). You didn't mention that though so I left it out.

The FE Trends Label and CAFE queries do not split out the conventional data from the electricity "fueled" data so I'm hoping just adding the one field to the end of the file will suffice. Each row of these queries only has one fuel so this wouldn't be any different to handle than the other PHEV fields are already being handled. I think the total range could be created by your programs that process this data. I could probably figure this all and add columns with the range values transposed by fuel, but that'll take more time than I have this week.

So I'm just checking if adding the one value to the end of file works for you or not. I've attached a FE Trends Label dataset file for 2021 for your review. I cross-checked a few values against the FE Guide dataset you had referenced and it looked like it's the right field.

Let me know what you think. If this suffices then I can make the same change to the FE Trends CAFE query as well.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Compliance Division (CD)
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Bunker, Amy
Sent: Thursday, May 6, 2021 2:38 PM
To: Danzeisen, Karen <danzeisen.karen@epa.gov>
Cc: Hula, Aaron <Hula.Aaron@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: Query for Trends - add fields for EV and PHEV range?

Hi Karen,

We are hoping you can add fields that contain range data for EVs/FCVs and for PHEV charge depleting operation to our Trends queries – in particular to the GL query, although it may make sense to add them to both Trends queries.

Right now we have a field that shows the total range for a PHEV "PHEV_TOT_DRIVE_DISTANCE", but we would like to add the following fields"

- Range for EVs and FCVs
- Charge depleting range for a PHEV

If it is helpful, the data we are looking for is located in the following fields in the downloadable data that Ching-Shih exports for Dave/Tristin to send to ORNL. I know these may not have the EV-CIS field names, but I hope it will still be helpful in tracking these down.

EV range: 21EV tab, stored in two fields: AF: "Range1- Model Type Driving Range - Conventional Fuel" and FH: "Comb Range as shown on FE Label (miles)"

FCV range: 21FCV tab: AF: "Range1- Model Type Driving Range - Conventional Fuel"

PHEV charge depleting range: 21PHEV tab, BD: stored in two fields: BD "Range2 - Alt Fuel Model Typ Driving Range - Alternative Fuel" and FL "Charge Depleting Driving Range: Comb Range on Electricity as shown on FE Label (miles)" Dave has a note on this field that voluntarily lowered range is in the FL field

Many thanks,
Amy

Message

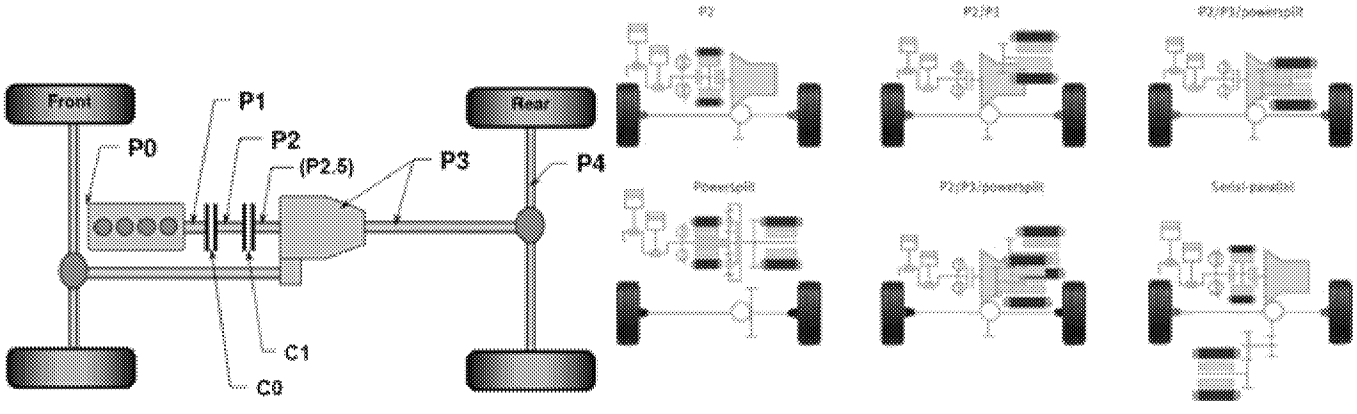
From: Sui, Lang [Sui.Lang@epa.gov]
Sent: 6/14/2021 8:50:55 PM
To: Hula, Aaron [Hula.Aaron@epa.gov]
CC: Bunker, Amy [Bunker.Amy@epa.gov]; Harrison, Sarah [Harrison.Sarah@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]
Subject: RE: HEV/PHEV/EV by carline
Attachments: Electrified Vehicle Architecture Summary Chart (v1).pptx

Hi Aaron,

Thanks for setting up the meeting.

I have seen these figures (in my previous job), didn't realize it came from your group. I also made a similar chart (along with this chart's data) for "projected" xEVs using dashed lines since almost every OEMs make announcements on their future fleets, though I don't have that data anymore. Had I stayed on longer, I would've compared their announcements to what actually happened.

Attached is the presentation I presented last Thursday, I added an extra chart (2nd one) without any numbers. The hybridization assignment are done through internet searches, it's actually pretty difficult to do since a lot of places do not have very clear descriptions of the hybrid vehicles. I think I also mentioned that there are more unique architectures that vary just *a little bit* from a conventional P2 or series hybrid, below is two images in the complexity of defining hybrids. I imagine this will get even more complicated with more PHEVs coming online.



With that said, I think it would be useful to find some way to categorize/visualize hybridization. As I mentioned during the meeting I am planning on making this chart to see how the MY2021 fleet looks compared to the 2019/2020 fleet (including the number of model offerings and sales). For EV/PHEV, we can even include future models as a part of the chart. But all this might be too busy to put on one chart for all of the OEMs, maybe it's easier if the OEMs are organized by powertrain strategies (I can see GM and VW in one, Toyota and Honda in another).

Thanks,

Lang

From: Hula, Aaron <Hula.Aaron@epa.gov>
Sent: Monday, June 14, 2021 4:06 PM
To: Sui, Lang <Sui.Lang@epa.gov>
Cc: Bunker, Amy <Bunker.Amy@epa.gov>; Harrison, Sarah <Harrison.Sarah@epa.gov>; Rojeck, Tristin

<rojeck.tristin@epa.gov>; Maguire, Andrea <Maguire.Andrea@epa.gov>
Subject: RE: HEV/PHEV/EV by carline

Lang,

Thanks. I put some time on our calendars, although it's a bit out. This week and next are kind of crazy.

In trends, we can currently separate out start/stop, HEVs, PHEVs, and EV. We do not have any indication of the type of HEV though, so for example some of our hybrid figures last year looked like this:

Figure 4.10. Gasoline Hybrid Engine Production Share by Vehicle Type

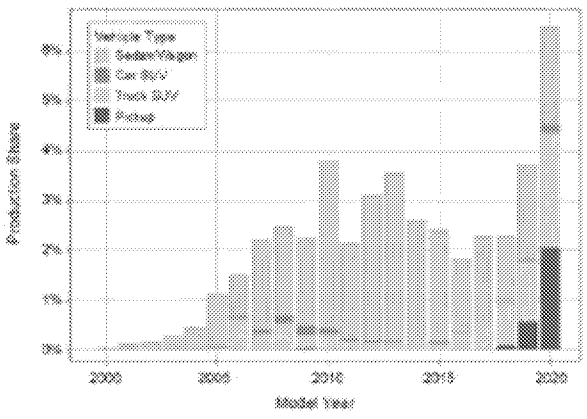
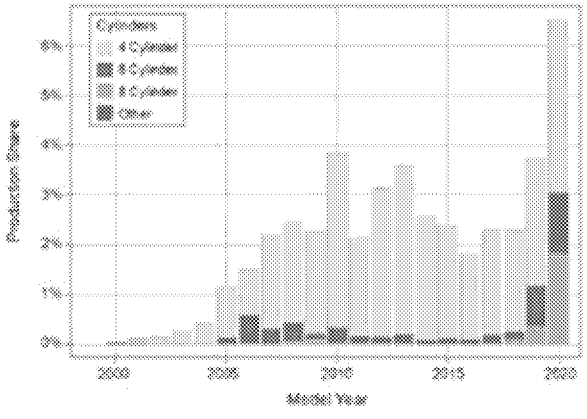


Figure 4.11. Gasoline Hybrid Engine Production Share by Number of Cylinders



Where the increase is really the Jeep/Ram mild hybrid systems, although we don't have an easy way to split that out. I'd really like to start thinking about how we can at least break out mild hybrids using the data we have so we're not manually assigning categorizations. I doubt we'll be able to get to the level of P0/P1/P2 classifications, but that would be even better.

I'm certainly happy to chat. In the meantime, can you send around your hybrid/EV/PHEV chart to this group?

Thanks,
Aaron

From: Sui, Lang <Sui.Lang@epa.gov>
Sent: Monday, June 14, 2021 10:39 AM
To: Hula, Aaron <Hula.Aaron@epa.gov>
Subject: HEV/PHEV/EV by carline

Hi Aaron,

I just thought I'd follow up with you on the NCAT project update meeting we had last week. You showed some interest in the chart I presented, and I thought it might be good to have some discussion over it. I wonder if there is a good time for you?

Thanks,

Lang Sui, PhD
She, her, hers

National Center for Advanced Technology
Testing and Advanced Technology Division
National Vehicle and Fuel Emissions Laboratory
US Environmental Protection Agency

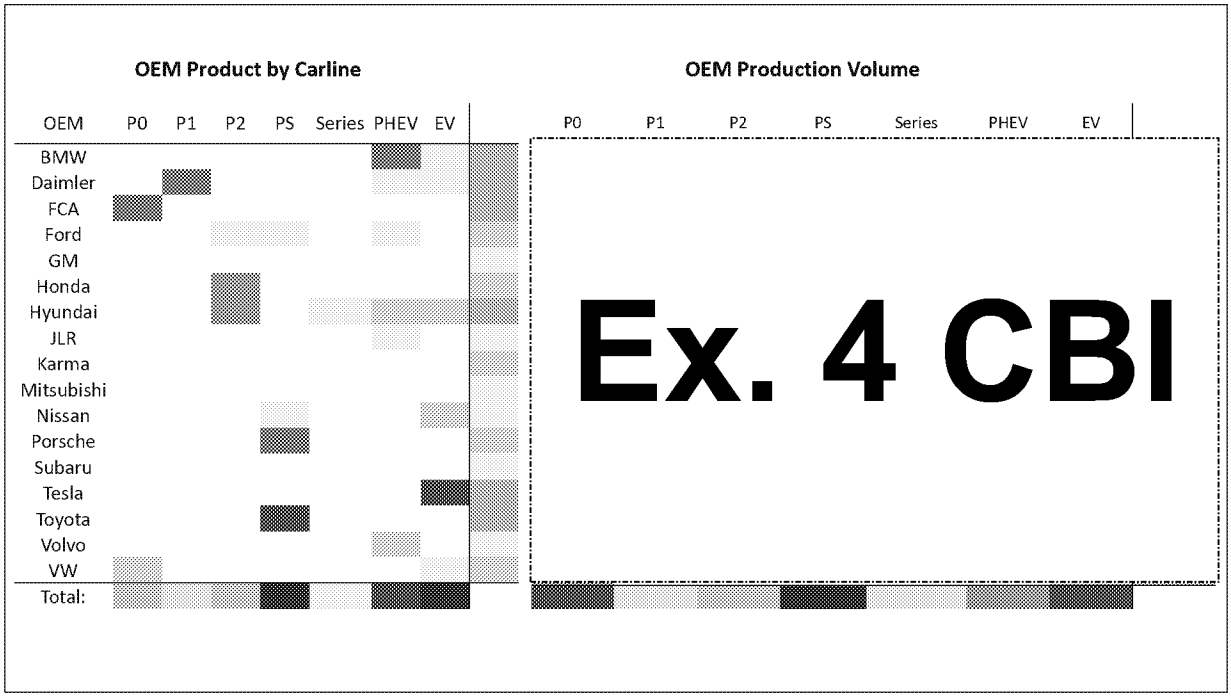
OEM Product by Carline

OEM	P0	P1	P2	PS	Series	PHEV	EV	
BMW						8	2	10
Daimler		7				2	2	11
FCA	7					1	1	9
Ford			2	2		2		6
GM	1	1				1	1	4
Honda			5	1		1	1	8
Hyundai			6		2	4	4	16
JLR	1					2	1	4
Karma						1		1
Mitsubishi						1		1
Nissan				2			3	5
Porsche				7				7
Subaru						1		1
Tesla							18	18
Toyota				20		1		21
Volvo						4		4
VW	4						2	6
Total:	13	8	13	32	2	29	35	132

OEM Production Volume

P0	P1	P2	PS	Series	PHEV	EV	
150,961	10,259	36,767	290,448	17,567	76,926	192,067	768,995

Ex. 4 CBI


OEM Product by Carline
OEM
P0
P1
P2
PS
Series
PHEV
EV
BMW
Daimler
FCA
Ford
GM
Honda
Hyundai
JLR
Karma
Mitsubishi
Nissan
Porsche
Subaru
Tesla
Toyota
Volvo
VW
Total:
OEM Production Volume
P0
P1
P2
PS
Series
PHEV
EV
Ex. 4 CBI

Preliminary Observations

- Preliminary data –
  - Data still needs vetting, we are still investigating architectures and sales information.
  - Need to add series/parallel
  - Add architecture for the PHEVs
- Repeat this analysis for 2020 and 2021 to detect the trends.
- We don't need to model every current variations to get confidence on the current fleet. We expect a slight down select to the set of architectures that we need to model for the current fleet.
- We don't need to model all potential future variations to get confidence on the future fleet. We expect a greater level of down select to the set of architectures for the future fleet. Tech costs will likely drive the down selection.
- The down selected number of technologies could also benefit from being "futured" to try to anticipate future incremental improvements in the technologies (e.g., for EVs: inverter efficiency improvements, PMSR improvements, better battery charging).

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 7/20/2020 6:09:41 PM
To: Frost, Matthew W [Matthew.Frost@gdit.com]; claire.sessler@gdit.com
CC: Bunker, Amy [Bunker.Amy@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: 2020 footprints
Attachments: 2020 footprints.xlsx

Attached are the 2020 vehicles that I've looked at.

As always, this list should be good start for you, but keep in mind I wasn't aiming for perfection when I put it together.

Thanks,

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 7/15/2021 12:12:04 PM
To: Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Harrison, Sarah [Harrison.Sarah@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: FW: Dan's ALPHA presentation for CARB today
Attachments: 2021-07-14 ALPHA Input Data and Development Status_CARB v4.pptx

See slide 14 for about the best visual on hybrid types I've seen. I don't expect to get to this level of detail in Trends, but it's interesting and kind of mind blowing the variation on hybrid architectures, and this is before going to either 4wd or PHEVs.

From: Moran, Robin <moran.robin@epa.gov>
Sent: Wednesday, July 14, 2021 2:29 PM
To: LD GHG <LD-GHG@epa.gov>
Subject: FYI: Dan's ALPHA presentation for CARB today

From: Barba, Daniel <Barba.Daniel@epa.gov>
Sent: Wednesday, July 14, 2021 12:33 PM
To: Moran, Robin <moran.robin@epa.gov>; Joshua Cunningham (joshua.cunningham@arb.ca.gov) <joshua.cunningham@arb.ca.gov>; Sahni, Shobna@ARB <shobna.sahni@arb.ca.gov>; Mike McCarthy <mmccarth@arb.ca.gov>; Olechiw, Michael <olechiw.michael@epa.gov>
Cc: Moskalik, Andrew <Moskalik.Andrew@epa.gov>
Subject: RE: Agenda for EPA-CARB call tomorrow

All,

Attached is a slightly revised presentation for today's EPA-CARB meeting.

Thanks,
Dan

From: Moran, Robin <moran.robin@epa.gov>
Sent: Tuesday, July 13, 2021 5:54 PM
To: Joshua Cunningham (joshua.cunningham@arb.ca.gov) <joshua.cunningham@arb.ca.gov>; Sahni, Shobna@ARB <shobna.sahni@arb.ca.gov>; Mike McCarthy <mmccarth@arb.ca.gov>
Cc: Olechiw, Michael <olechiw.michael@epa.gov>; Barba, Daniel <Barba.Daniel@epa.gov>
Subject: FW: Agenda for EPA-CARB call tomorrow

Joshua, Shobna, and Mike,

For the agenda for our call tomorrow, Dan Barba still plans to present on the EPA benchmarking testing program plans. I'm resending the presentation he shared a couple weeks back, so you have it handy to distribute to your team.

We can give a quick status update on the near-term rule package.

Are there any topics from your end?

Thanks
Robin

From: Barba, Daniel <Barba.Daniel@epa.gov>
Sent: Tuesday, June 29, 2021 12:00 PM
To: Joshua Cunningham (joshua.cunningham@arb.ca.gov) <joshua.cunningham@arb.ca.gov>; Sahni, Shobna@ARB <shobna.sahni@arb.ca.gov>; mike mccarthy <michael.mccarthy@arb.ca.gov>
Cc: Olechiw, Michael <olechiw.michael@epa.gov>; Moran, Robin <moran.robin@epa.gov>
Subject: RE: Agenda for EPA-CARB call tomorrow

Joshua, Shobna, Mike,

Attached is the draft presentation for the July 14 benchmarking and ALPHA model development discussion mentioned by Robin in the email below.

As part of the our coordination, it would be helpful if CARB also shared a few slides to summarize any electrified vehicle and component level data you have in your possession (or plan to get) that might be useful as inputs for ALPHA (to compare to data shown on slide 10 and 11 of our presentation). This is what is intended with the first recommendation on slide 12 to "create an inventory of electrified vehicle data from EPA, CARB and ECCC/TC (Canada)."

Thanks,
Dan

****
Dan Barba
Director, National Center for Advanced Technology
U.S. Environmental Protection Agency
phone: 734-214-4515
cell: 734-546-5112
****

From: Moran, Robin <moran.robin@epa.gov>
Sent: Tuesday, June 29, 2021 9:10 AM
To: Joshua Cunningham (joshua.cunningham@arb.ca.gov) <joshua.cunningham@arb.ca.gov>; Sahni, Shobna@ARB <shobna.sahni@arb.ca.gov>; mike mccarthy <michael.mccarthy@arb.ca.gov>
Cc: Olechiw, Michael <olechiw.michael@epa.gov>; Barba, Daniel <Barba.Daniel@epa.gov>
Subject: Agenda for EPA-CARB call tomorrow

Joshua, Shobna, and Mike,

We don't have anything specific to share tomorrow, but since we didn't get to hear your report out on the May workshop public comments last time, we'd be interested to hear that, and any other topics you may have.

I'm sure you know the near-term proposal is at OMB (as of June 24) and there's nothing new to report as we await interagency review comments.

For our call on July 14, Dan Barba would like to share an update on EPA's benchmarking testing program and plans, including exploring potential collaboration with ARB. Dan plans to send you his presentation in advance.

Thanks,
Robin

Robin Moran
Senior Policy Advisor
U.S. EPA, Office of Transportation and Air Quality
2000 Traverwood Dr.
Ann Arbor, MI 48105
(734) 214-4781

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 7/22/2020 12:42:22 PM
To: Peavyhouse, Robert [Peavyhouse.Robert@epa.gov]
CC: Rojeck, Tristin [rojeck.tristin@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Harrison, Sarah [Harrison.Sarah@epa.gov]
Subject: Another of Rob's spreadsheets
Attachments: 1_GHG Standards-Fleet Averages-v3_TEST_TEST.xlsm

Bob,

Attached is a version of the spreadsheet that Rob put your queries into. I'm somewhat hopeful that this is now obsolete and we can get what we need from EV-CIS going forward, but we're still taking a look this year.

Amy entered the queries that you sent us previously and it looks like the calculations will align, although we have some questions about what's in EV-CIS and what we're actually lining up to. Basically, the values that I took from EV-CIS, the "EPA GHG Value", appear to line up with Rob's values for manufacturers before applying the multiplier credits, except perhaps for GM cars which seems to have the multipliers included. Does that seem right to you? I realize this is complicated by the re-certification process for the multipliers.

We're happy to discuss today, and please excuse any learning errors on our part!

Thanks,

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Gibson, Robert [gibsonrc@ornl.gov]
Sent: 8/25/2021 5:04:59 PM
To: Hopson, Janet [hopsonjl@ornl.gov]; Davis, Stacy [davissc@ornl.gov]; Laughlin, Michael [michael.laughlin@ee.doe.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Dafoe, Wendy [wendy.dafoe@nrel.gov]; Pugliese, Holly [pugliese.holly@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Graff, Michelle [graff.michelle@epa.gov]; Kimball, Joshua [kimball.joshua@epa.gov]; Moses, Darryl [moses.darryl@epa.gov]
Subject: 2022 Fuel Economy Guide: Text changes and cover options
Attachments: FEG MY22-c.pdf; FEG2022DNR_082521.pdf

Hello Everyone,

Attached are (1) the revised text edits to the *2022 Fuel Economy Guide* and (2) the new options for the three covers selected during our last meeting.

If you have suggestions regarding the new covers, please let us know so we can have the graphic designer make edits before our next meeting.

Please note the following:

- The text edits are from our program that generates the weekly *Guide*, so it includes the updated fuel prices rather than the annual average used in the printed version.
- We are currently using last years colors for the interior of the *Guide*. We will create a new color scheme (and a new back cover) that will go with the new cover when it is selected.
- We have not yet updated the Sample Vehicle Listing or the Sample Fuel Economy Label.

Let me know if you have questions or comments.

Thanks.

Robert C. Gibson
National Transportation Research Center
Room I-17
2360 Cherahala Blvd
Knoxville, TN 37932

Message

From: Frost, Matthew W [Matthew.Frost@gdit.com]
Sent: 7/28/2020 7:48:37 PM
To: Hula, Aaron [Hula.Aaron@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
CC: jennifer.abrams2@gdit.com; claire.sessler@gdit.com
Subject: EV ranges?
Attachments: model_y.png

Aaron,
I'm populating the AFV numbers by hand, and I've found at least one conflict between the FuelEconomy.gov site and the Guide workbook.
For the Tesla Model Y, the workbook has 315 for the combined range, as does the downloadable vehicles.csv file.
The site, though, shows the range as 291 miles. That is the highway range shown in the workbook.
https://fueleconomy.gov/feg/Find.do?action=sbs&id=42816

Should the site display 315 instead? Or is it the standard to use the highway miles in that space?

Thanks,
Matt

Matt Frost
Software Developer, Federal Civilian Division

M 434-996-1845
matthew.frost@gdit.com
www.gdit.com

GENERAL DYNAMICS
Information Technology

Battery Charge Time		Range	PHEV Composite MPG			Electric Driving Range			
V	240V Char	120V Char	PHEV Tota	City PHEV	Hwy PHEV	Comb PHE	City Range	Hwy Rang	Comb Ran
2020 Tesla Model Y Performance AWD									
	10						334.0	291.0	315
	10						Combined range voluntarily lowered from 316 miles		

Message

From: McCoy, Britney [McCoy.Britney@epa.gov]
Sent: 11/9/2021 2:54:04 PM
To: Birgfeld, Erin [Birgfeld.Erin@epa.gov]; Moltzen, Michael [Moltzen.Michael@epa.gov]; Kenausis, Kristin [Kenausis.Kristin@epa.gov]; Ronquillo, Rafi [Ronquillo.Rafi@epa.gov]; Suarez, Patricia (Trish) [suarez.patricia@epa.gov]; Burke, Susan [Burke.Susan@epa.gov]
CC: Burch, Julia [Burch.Julia@epa.gov]; Dolan, Emily [Dolan.Emily@epa.gov]; Hula, Aaron [Hula.Aaron@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Harrison, Sarah [Harrison.Sarah@epa.gov]
Subject: RE: EV Misinformation / Education Work
Attachments: EV misinformation - themes and responses.docx

McCoy, Britney has shared a OneDrive for Business file with you. To view it, click the link below.

EV misinformation - themes and responses.docx

Also, attached is the file on addressing EV Misinformation that CASC has worked on over the years.

Erin, it is the same one I shared with you about a month ago.

Thanks,
Britney

Britney J. McCoy, Ph. D.
Center Director *(pronouns: she/her/hers)*
Climate Analysis and Strategies Center
Transportation & Climate Division

1200 Pennsylvania Avenue, NW
Mail Code 6406A, Washington, DC 20460
Phone: (202) 343-9218
Email: mccoy.britney@epa.gov

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Tuesday, November 9, 2021 8:50 AM
To: Moltzen, Michael <Moltzen.Michael@epa.gov>; McCoy, Britney <McCoy.Britney@epa.gov>; Kenausis, Kristin <Kenausis.Kristin@epa.gov>; Ronquillo, Rafi <Ronquillo.Rafi@epa.gov>; Suarez, Patricia (Trish) <suarez.patricia@epa.gov>; Burke, Susan <Burke.Susan@epa.gov>
Cc: Burch, Julia <Burch.Julia@epa.gov>; Dolan, Emily <Dolan.Emily@epa.gov>; Hula, Aaron <Hula.Aaron@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Maguire, Andrea

<Maguire.Andrea@epa.gov>; Harrison, Sarah <Harrison.Sarah@epa.gov>
Subject: EV Misinformation / Education Work

Hi all,

I am looking forward to our discussion today. Attached are the two social media reports that Emily Dolan put together looking for how EVs are being characterized out there.

In addition, here is a link to some information regarding some social science around misinformation and ideas on how to correct it. Thank you!

-Erin

Erin Birgfeld (she/her)
Director of Communications
Office of Transportation and Air Quality
U.S. EPA
202.564.6741

EV Misinformation – Themes and Responses

1. EVs are not that good when you look at where the electricity comes from – coal, nuclear, gas.

   Unlike with gasoline vehicles, EVs produce no tailpipe emissions. While charging the battery may increase pollution at the power plant, total emissions associated with driving EVs are still typically less than those for gasoline cars—particularly if the electricity is generated from renewable energy sources like wind. PHEVs produce tailpipe emissions when gasoline is being used as a fuel source. [HYPERLINK "https://www.epa.gov/greenvehicles/learn-about-green-vehicles-electricity"].

   GHG emissions do vary by region, based on how the electricity is produced. For example, electricity produced from coal will result in higher GHG emissions than electricity produced from renewable sources like wind. While there may be some regional variability in upstream gasoline emissions due to factors such as differences in the distance gasoline must be transported from refineries or the source of crude oil, total CO2 emissions for a gasoline vehicle are dominated by emissions at the tailpipe. Tailpipe emissions do not vary significantly by region. Visit our [HYPERLINK "https://fueleconomy.gov/feg/Find.do?action=bt2"] to estimate the greenhouse gas emissions associated with charging and driving an electric or plug-in hybrid electric vehicle where you live.

2. Millions of EV batteries will be retired in the next decade. Where will they go?

   The assumption that all EV batteries will end up in landfills is misleading. There is significant potential for reusing and recycling batteries and Agencies across the U.S. government are working on this issue. The Federal Consortium on Advanced Batteries recently released a National Blueprint for Lithium Batteries setting a long term-objective of a 90% recycling rate. The use of recycled materials can also significantly decrease the energy needed for battery production. See the U.S. Department of Energy's [HYPERLINK "https://recellcenter.org/"] for more information.

3. EVs haven't been tested enough. GM had to recall every Bolt ever made recently.

   NHTSA reference to Bolt recall:

   - [HYPERLINK "https://www.nhtsa.gov/press-releases/recall-all-chevy-bolt-vehicles-fire-risk"] (NHTSA, 8/20/21)

   Other sources:

   - [HYPERLINK "https://www.reuters.com/business/autos-transportation/are-lithium-ion-batteries-evs-fire-hazard-2021-08-23/"] (Reuters, 8/21/21)

4. China is the largest producer of EV batteries.

From [HYPERLINK "https://www.washingtonpost.com/technology/2021/02/11/us-battery-production-china-europe/"]: “China dominates battery production today, with 93 “gigafactories” that manufacture lithium-ion battery cells, vs. only four in the United States, according to [HYPERLINK "https://www.benchmarkminerals.com/"], a prominent data provider. If current trends continue, China is projected to have 140 gigafactories by 2030, while Europe will have 17 and the United States, just 10.

That would leave the United States dependent on China and other trading partners for much of its battery supply. . . “

Updated data available (subscription needed): https://www.benchmarkminerals.com/lithium/

5. The Taliban struck a deal with China to mining lithium for EV batteries.

6. No one ever discussed the huge emissions associated with mining for EV batteries.

   Lithium, Cobalt, nickel, and manganese requires mining, which is like drilling for oil. Not renewable.

   Most of the cobalt for EV batteries comes from DRC – child labor, toxic chemicals...

   On our [HYPERLINK "https://www.epa.gov/greenvehicles/electric-vehicle-myths" \h] site (see Myth #5), greenhouse gas emissions associated with an electric vehicle over its lifetime are typically lower than those from an average gasoline-powered vehicle, even when accounting for battery manufacturing.

   The ARGONNE staff maintains the [HYPERLINK "https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fgreet.es.anl.gov%2F&data=04%7C01%7CKenausis.Kristin%40epa.gov%7Cb6a07dc55c774154df3d08d972dcb540%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637667114531441288%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=UZiX%2FS1r093PcITB0nTGUpfw1njki%2FZHOvUprgxs8f0%3D&reserved=0" \h], which can be used to estimate the energy and environmental impacts of EV battery manufacturing—including those associated with ore mining.

   Additional sources:
   - [HYPERLINK "https://theicct.org/sites/default/files/publications/EV-life-cycle-GHG_ICCT-Briefing_09022018_vF.pdf"] (see Fig 1) (2018)
   - [HYPERLINK "https://energy.mit.edu/wp-content/uploads/2019/11/Insights-into-Future-Mobility-Executive-Summary.pdf"] (p. 16 of Executive Summary) (2019)
   - [HYPERLINK "https://www.researchgate.net/publication/339237011_Lithium-Ion_Vehicle_Battery_Production_Status_2019_on_Energy_Use_CO_2_Emissions_Use_of_Metals_Products_Environmental_Footprint_and_Recycling"] (2019)
   - [HYPERLINK "https://www.mdpi.com/2313-0105/5/2/48"] (2019)
   - [HYPERLINK "https://crsreports.congress.gov/product/pdf/R/R46231"] (2020)

7. Battery storage cells cost almost double what the EV cost new. And can't recycle them.

   There is significant potential for reusing and recycling batteries and Agencies across the U.S. government are working on this issue. The Federal Consortium on Advanced Batteries recently released a [HYPERLINK "https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.energy.gov%2Fsites%2Fdefault%2Ffiles%2F2021-06%2FFCAB%2520National%2520Blueprint%2520Lithium%2520Batteries%25200621_0.pdf&data=04%7C01%7CBurke.Susan%40epa.gov%7Cbf29202828ab45af64a808d972d3edce%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637667076819992716%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=wJ7YYYOJMM8IBI4rhpafNxc6F9xXwgESMdiGBOE9pF8%3D&reserved=0"] setting a long term-objective of a 90% recycling rate. The use of recycled materials can decrease the need for new/virgin materials (and the associated energy) for battery production. See the U.S. Department of Energy's [HYPERLINK "https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Frecellcenter.org%2F&data=04%7C01%7CBurke.Susan%40epa.gov%7Cbf29202828ab45af64a808d972d3edce%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637667076819992716%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=efXBUUYHdLGM9mbyURBD6EH1Fi3j2n88hxO1FoLJ2fU%3D&reserved=0"] for more information.

8. Gasoline has 100 times the energy density of a lithium-ion battery.

   Gasoline energy density is much higher. This may change in the future with different battery chemistries emerging in the market, but energy density is just a small part of the picture. What matters most to those driving on the road is total range (currently increasing, and the median is now over 200 miles) and fuel economy, which is much higher for EVs.

   When the fuel economy label was redesigned in 2011, an MPGe metric was added, which allows fuel efficiency comparisons between gasoline and electric vehicles. MPGe, or miles per gallon gasoline equivalent, conveys the energy consumption of a non-gasoline vehicle in terms of how many miles the vehicle could go on an amount of fuel that has the equivalent energy content as a gallon of gasoline. For example, a gallon of gasoline has the energy equivalent of 33.7 kilowatt-hours of electricity. An electric vehicle that uses 33.7 kilowatt-hours to drive 100 miles will use the energy equivalent of one gallon of gasoline and, therefore, would have an MPGe of 100 miles per gallon of gasoline equivalent. In model year 2019, the average estimated new vehicle MPG was 24.9. For comparison, the 2019 Chevy Bolt had and MPGe of 119. The Tesla Model S 100D gets 102 MPGe.

9. Big safety risk to driving an EV.
   Don't drive EVs in the rain. They could break.

   More appropriate for NHTSA. Some general text on EV maintenance is available on [HYPERLINK "https://afdc.energy.gov/vehicles/electric_maintenance.html"].

10. Comparing EV energy use to other modes of transportation (e.g., air travel)

If one wanted to compare the environmental impacts of driving or riding in electric car to riding in a plane (e.g., the total CO_2 emissions per mile traveled per passenger), one would need to consider a variety of factors. For the electric vehicle, this would include the efficiency of the car and the source of electricity used to recharge it. For the plane, it would include the type of fuel used by the plane, its fuel efficiency, and how many passengers are on board.

For a lifecycle comparison, one would also need to consider the emissions associated with manufacturing both the electric vehicle (and its battery) and the plane and the expected lifetime of each.

Message

From: French, Roberts [french.roberts@epa.gov]
Sent: 6/29/2018 4:17:09 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: GHG materials
Attachments: CBI_Honda Final 2017MY GHG Report-rwf.xlsm; multiplier examples to FCA 6-21-18.xlsm; GHG-CAFE alt fuel treatment v11.pdf; 420r18002.pdf; 2017 GHG Data v5.xlsm; cafe-ghg_search_results.xlsx; GHG Credit Data - 2009-2017 v3.xlsm

Tristin,

I've attached everything (I think) that I showed you today, including the Honda 2017 model year report (spreadsheet). The only missing thing is a Word version of the 2016 GHG report, which I will dig out.

I suspect we won't need the meeting with CSRA on Monday, but we could use the time to check in and see what questions or issues have popped up.

You will find versions of the formulae below used throughout the GHG spreadsheets. The latter one is used considerably often, to turn Megagrams into grams/mile. When used for a manufacturer's fleet, or the fleet as a whole (combining cars and trucks), the VMT value used a production-weighted value, weighting the car and truck VMT values by the appropriate production shares (for an individual manufacturer or for the fleet as a whole).

How We Determine a Grams per Mile Equivalent from Megagrams (Metric Tons) of Credits and Deficits

The Megagrams (Mg) of credits or deficits reported to EPA are determined from values expressed in grams per mile. For example, fleet average credits/deficits are based on the difference between the fleet standard and the fleet average performance, each of which is expressed in grams per mile. The general form of the equation is:

Credits [Mg] = (CO_2 x VMT x Production) / 1,000,000

"CO_2" represents the credit in grams per mile. "VMT" represents the total lifetime miles, which we specified in the regulations as 195,264 miles for cars and 225,865 for trucks. "Production" represents the production volume to which the CO_2 credit applies.

The CO_2-equivalent of a credit value expressed in Mg is derived by reversing the equation as follows:

CO_2 [g/mi] = (Credits[Mg] x 1,000,000) / (VMT x Production)

When using this equation to calculate CO_2 grams per mile for aggregate car and truck credits, we use a weighted average of the car and truck VMT values. For example, for the entire 2016 model year fleet covered by this report, the weighted VMT is 208,946 miles. The weighting is by the proportion of cars or trucks relative to the total fleet. The weighting may be applied on a manufacturer-specific basis or across the entire fleet, depending on the data presented in each table. Unless specifically stated, this is always the source of combined car/truck fleet values in this report.

Rob

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 2/22/2019 2:10:28 PM
To: Cullen, Daniel [Cullen.Daniel@epa.gov]; McBryde, Dan [mcbryde.dan@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Smithson, Arlene [smithson.arlene@epa.gov]
Subject: Latest J1634 Draft Documents and Presentations
Attachments: Chev_Bolt_Soak_vs_NoSoak_MCT_SMCT.pdf; J1634_conv_02.13.2018_BNRDRAFTEDIT_v4_CORRECTED.docx; J1634_Draft_Meeting_Notes_1252019.docx; Tuesday 1130 Roos - Future of PEV Range and EC Test Procedures.pdf

David Wright
Light-Duty Vehicle Center – Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4467

SAE J1634 Deep Dive Meeting – 1/25/19

Notes: Bryan Roos (GM)

Attendees: Chris McCarthy (Ford), Kyle Strohmaier (Tesla), Bryan Roos (GM), Steve DeCarteret (GM), Kyle Bedsole (GM), Adam Piper (GM)

Ford: Accuracy of OBD CAN measurement vs. Hioki measurements

- Currently performing study
- Voltage and Current being studied for accuracy
- Q: Are CAN signals Integrated in controller or integrated time series once recorded? Ford needs to verify.

Tesla – has previous studies of CAN data vs. Hioki (Real time integration and also post processed current/voltage)/Hioki data to support from previous tests. Tesla will coordinate findings with Ford.

Q: Are measurements NIST traceable, accuracy of on board current sensor?

EPA has asked for CAN accessible signal in order to use it (without OEM specific diagnostic tools needed). HV battery signals are currently OEM

Auto Alliance letter to CARB – no response from letter suggesting removal of DC monitor during AC charging. Changes have not been adopted by CARB yet as guidance letter.

GM: currently programming dyno site flexibility for soaks at any phase within SMCT, test results next meeting

DC Discharge Rate: Ford suggests removing % tolerance allowed for y and instead estimate y with steady state driving @ 65 mph, possibly after dyno determination. This way OEM does not need to provide an estimate, the y is calculated from a measurement within the test series.

If tolerance remains: should y tolerance be reduced from 10% to a lower value (5%? Less?)

Ford Request: Introduce option for RAF95 again and associated metrics allowing pre-conditioning before SC03.

OEM can choose not to use preconditioning for SC03, can set RAF75 = RAF95 if can be shown equivalent.

Change RAFXX from Fahrenheit to Celsius – inconsistent in draft document (some usage of both units to describe RAF).

Action Item: Need to write more detail on how to execute SC03 and Cold CO test using pre-conditioning feature. This should include language on how to pre-condition the cabin using wall energy while the vehicle is already loaded on the dyno. Also discuss how to minimize heat transfer with doors open.

Ex: Prep vehicle for test at dyno site, hold test for precondition, operator begins preconditioning outside of vehicle by plugging in. Once complete, unplugs, quick event opening driver door + close, start test immediately.

Cable preferences for DC cycler: should we specify combo vs. split connectors (for AC and DC?)

Keep out language regarding preference on SAE combo vs. dual cable to the cycler.

Europe and U.S. may share common DC, but not AC. China will not share DC/AC common with U.S.

AC_Charge_2 : add detail why this is required (to check for consistency in battery cooling energy, etc).

Does start SOC for dyno det cause a difference in AC charge energy between AC Charge 1 and AC Charge 2? SOC may be lower after dyno det vs. after SMCT. Could cause higher AC charge on #2 vs. #1 if #1 completed at low SOC. Should the dyno det start at full charge to avoid the potential issue?

Concern about more criteria to invalidate dyno determination if we specify SOC levels needed during dyno determination

"y" alternative: steady state measurement (right after dyno determination) to determine discharge rate y? Needs to be studied further by work group...

Add detail about when using DC Discharge procedure – vehicle needs to be capable of demonstrating DCFC contactor will open automatically when discharge is complete. Cycler will likely not end the test and vehicle should demonstrate this contactor functionality prior to testing to avoid any safety issues in the soak area. Difficult for cycler to monitor without accessible min cell voltage CAN signal, which doesn't exist currently. Allow option for cycler to monitor cell voltage if the OEM chooses to provide the path to the CAN signals.

Is SOC included in CAN for PHEV? Should SOC be monitored as a backup check for DCFC contactor open? What happens if contactors lose 12V or low 12V? Will they open automatically?

Dyno Mode: Coastdown Mode and Dyno Mode might already exist (2). The DC Discharge mode may be a 3rd (or more) certification mode.

RAF20: is there an alternative method to get RAF20, such as carry over UBE from 25C test (assume battery pack temp is maintained at similar temp while on charge -7C vs. 25C?). Maybe we only record the charge energy + precondition and can still use a shortened Cold CO test with carry over 25C RAF. This would avoid extra site time in case of alternative procedure or avoid cycler installation in cold site for DC discharge procedure. Similar to idea for SC03 condition where UBE would be carry over from 25C, and precondition load + charge is only measured.

Upcoming Events: Feb 19th: Introduction to SAE J1634 committee work at high level – GM presentation – SAE Hybrid and Electric Vehicle Symposium in Anaheim, CA

Next Meeting: Friday, Feb 22, 2019. Will bring comments back from Symposium to share with team.

Message

From: Danzeisen, Karen [Danzeisen.Karen@epa.gov]
Sent: 2/28/2019 8:32:01 PM
To: Hopson, Janet [hopsonjl@ornl.gov]
CC: Richardson, Jacquelyn [flukerjf@ornl.gov]; Kenausis, Kristin [Kenausis.Kristin@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]; Boundy, Robert Gary [boundyrg@ornl.gov]
Subject: RE: Tesla Model X in Massachusetts
Attachments: light-duty-vehicle-models-2014-present.xlsx

Hey Janet,

For the 2017 Tesla certificates I'm only going by the general information they enter at the Testgroup level to determine that they are Fed/California certified. They didn't enter any California standards for which certification levels would have been calculated. So, running a 2017 data update would result in the same set of data thats there now.

In an effort to find data that better reflects reality, I remembered that we have a bunch of certification datasets on the WWW (https://www.epa.gov/compliance-and-fuel-economy-data/annual-certification-data-vehicles-engines-and-equipment). Under 'Light-Duty Vehicles and Trucks' you may find the "Certified Vehicle Models" file helpful. I've attached the spreadsheet filtered down to all of Tesla's data. If you look in the 'Exhaust Standard' column you'll see that every model has been certified to "Federal Tier 3 Bin 0, ZEV, ILEV" – which means that they are all certified to both Federal and California. Those standards are actually printed on the Certificates of Conformity so that's the most official information we've got. Tier 3 Bin 0 and ZEV standards result in SmartWay Elite ratings.

If you need more information about Tesla, our EPA Cert Rep for them is Tristin Rojeck. I spoke with him briefly today and he said that Tesla has a new person submitting data to our system so all my data entry training has apparently been for naught. He'll be talking with them in the next week or so and will mention these problems to them at that time. However, it's probably unlikely that they'll want to go back and resubmit all their data to correct these issues.

Thank you,

Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Hopson, Janet <hopsonjl@ornl.gov>
Sent: Thursday, February 28, 2019 2:01 PM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>; Boundy, Robert Gary <boundyrg@ornl.gov>
Cc: Richardson, Jacquelyn <flukerjf@ornl.gov>; Kenausis, Kristin <Kenausis.Kristin@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Subject: RE: Tesla Model X in Massachusetts

Hi Karen:

Thanks for looking into this. I think we need to get an updated emission datafile for 2017 since the GVG data we have don't match what you've described below. The latest GVG data file we have for 2017 shows all of the Teslas as Federal Only (none are listed as available in CA).

Is there a way we can confirm that the 2018 Model X will not be sold in "CA states"? Sounds like you guys are very busy - if you have a Tesla contact Bob or I would be happy to reach out to them.

Thanks!

Janet

Janet L. Hopson
Research Associate Professor, Department of Earth and Planetary Sciences
The University of Tennessee
National Transportation Research Center
2360 Cherahala Blvd
Knoxville, TN 37932
Phone: 865-946-1460
hopsonjl@ornl.gov
www.fueleconomy.gov

From: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Sent: Thursday, February 28, 2019 12:24 PM
To: Boundy, Robert Gary <boundyrg@ornl.gov>
Cc: Hopson, Janet <hopsonjl@ornl.gov>; Richardson, Jacquelyn <flukerjf@ornl.gov>; Kenausis, Kristin <Kenausis.Kristin@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Subject: RE: Tesla Model X in Massachusetts

Sorry folks, we're testing a large upcoming system deployment and this fell off my radar.

Tesla has always had trouble entering their data into our system so that it gets properly processed for SmartWay. On the general information page for each test group they enter whether they are certifying to 49 or 50 states correctly (it seems). But when it comes to the 50 state certificates quite often don't enter emission standards for the California cert region properly which results in a lack of a certification level value which is necessary to determine the Smog, GHG and SmartWay scores.

From what I can see all of Tesla's 2017 certificates are 50 state and for 2018 all certificates are 50 state except for JTSLV00.0L2X and JTSLV00.0L2S which have been entered as Federal only. The 2018 Model X is covered by JTSLV00.0L2X, so it looks like they may have purposely entered it as Federal only.

I remember a few years ago having a meeting with the Tesla staff person responsible for entering their emission certification data into our system but it looks like they didn't circle back and fully implement my suggestions. Unfortunately, they're really only motivated by obtaining their Certificates of Conformity and don't care so much if their data shows up in these extra datasets that we put out on the WWW.

Thank you,

Karen

Karen E. Danzeisen
Information Technology Specialist

Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Boundy, Robert Gary <boundyrg@ornl.gov>
Sent: Thursday, February 28, 2019 8:45 AM
To: Kenausis, Kristin <Kenausis.Kristin@epa.gov>; Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Hopson, Janet <hopsonjl@ornl.gov>; Richardson, Jacquelyn <flukerjf@ornl.gov>
Subject: FW: Tesla Model X in Massachusetts

Hello Kristin and Karen,

Have either of you had a chance to look into this yet? We need to answer Mr. Famolare who brought this to our attention. I would appreciate your help with this.

Thanks,

Bob

Bob Boundy
Roltek, Inc. Supporting:
Oak Ridge National Laboratory
Website: www.fueleconomy.gov
Phone: (865) 850-0766
Email: boundyrg@ornl.gov

From: Hopson, Janet <hopsonjl@ornl.gov>
Sent: Wednesday, February 20, 2019 10:27 AM
To: Kenausis, Kristin <Kenausis.Kristin@epa.gov>; Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Boundy, Robert Gary <boundyrg@ornl.gov>; Richardson, Jacquelyn <flukerjf@ornl.gov>
Subject: FW: Tesla Model X in Massachusetts

Hi Kristin, Karen:

We received the email below regarding the Tesla Model X. After reviewing the 2017 and 2018 data, it does not really appear to be a SmartWAY Elite question. The EPA emission file simply doesn't show the vehicles as available for sale in the CA states, i.e. sales area 7.

Jackie and I see the following:

For 2017 – all Tesla vehicles are shown as for sale only in sales area (FA), i.e. area 3 which does not include the CA states (including MA)

For 2018 – all Tesla vehicles are shown as available in both FA and CA EXCEPT, the model X which is shown as only available in FA.

Please let us know if a correction is needed.

Thanks,

Janet

From: FuelEconomy <fueleconomy@ornl.gov>
Sent: Tuesday, February 19, 2019 3:15 PM
To: Hopson, Janet <hopsonjl@ornl.gov>
Subject: FW: Tesla Model X in Massachusetts

Hi Janet,

Are we just behind on SmartWay data? It seems like the Model X should be listed as Elite. I see the Model 3 Midrange is also missing but that is newer. Do I send this to Kristin?

Bob

From: Christopher Famolare <christopher.famolare@emdmillipore.com>
Sent: Tuesday, February 19, 2019 2:34 PM
To: FuelEconomy <fueleconomy@ornl.gov>
Subject: Tesla Model X in Massachusetts

Hello,
I noticed that the 2018 and 2019 Tesla Model X is not listed as an EPA SmartWay Elite vehicle in the State of Massachusetts, however, it is listed in 2018 as SmartWay Elite for neighboring States within the same electric grid of ISO New England. I found two 2017 Model X's that were listed as SmartWay Elite in MA, but again, nothing for 2018. I checked other states for the 2018 model, and even some of the dirtiest electric grids (like Missouri) qualified the Tesla Model X as a SmartWay Elite vehicle. Can you please let me know if there is an error in the database or if the Model X truly did not qualify as a SmartWay Elite vehicle in Massachusetts after 2017? Thank you for your help.

Best regards,

Christopher Famolare, EIT, CEM, CEA

Global Manager of Sustainable Operations
Corporate Responsibility

MilliporeSigma

A business of Merck KGaA, Darmstadt, Germany

EMD Millipore Corp. | 400 Summit Drive | Burlington, MA 01803 | USA
Mobile: +1 781 629 0053 | E-mail: Christopher.famolare@emdmillipore.com
www.milliporesigma.com

Experience our products at www.emdmillipore.com and www.sigmaaldrich.com

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Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 3/8/2019 10:11:38 PM
To: French, Roberts [french.roberts@epa.gov]; Fernandez, Antonio [fernandez.antonio@epa.gov]; Lieske, Christopher [lieske.christopher@epa.gov]
CC: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: Let me know your thoughts on the attached draft write up and the evaluation of trans warm up credits for Tesla
Attachments: Denial of Tesla off cycle active transmission.docx

Flag: Follow up

Regards,

David

David Wright
Light-Duty Vehicle Center – Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4467

Message

From: Meekins, Tanya [Meekins.Tanya@epa.gov]
Sent: 7/17/2019 8:46:32 PM
To: Cullen, Daniel [Cullen.Daniel@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Pugliese, Holly [pugliese.holly@epa.gov]
Subject: Follow up from FOIA discussion
Attachments: FOIAs for Linc group.xlsx

FYI - Here is a quick overview of where we are with the FOIAs.

Message

From: Smithson, Arlene [smithson.arlene@epa.gov]
Sent: 1/22/2020 9:49:54 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: Tesla Charge Data, EPA Data Corrected MCT calculator, Tesla Data MCT calculator, and Different Scenarios
Attachments: DifferentScenariosTeslaMCT65Data.xlsx; EV MCT Calculator_TeslaScenarioCorrectedExpectedEnergyDiff2ndSection.xlsx; EV MCT Calculator_TeslaScenarioCorrectedHigher%.xlsx; EV MCT Calculator_TeslaScenarioNoCorrection.xlsx; TeslaY2Charge1-15-20.xlsx; EV MCT Calculator_TeslaY2_11520c.xlsx; EV MCT Calculator_TeslaY2_11520t.xlsx

Please let me know if you have questions.

Yours, Arlene

Message

From: McBryde, Dan [mcbryde.dan@epa.gov]
Sent: 3/5/2020 10:32:36 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]
CC: George, Steve [george.steve@epa.gov]
Subject: Hioki vs. CAN Data
Attachments: EV MCT Calculator_TeslaS_22620_HIOKI_vs_CAN.xlsx

Tristin & David,

Attached is a spreadsheet comparing the Hioki results with the CAN results for the Tesla. All of the cycle watthour results were within 0.5% or better. The largest % difference was on the steady-state cycle which I attribute to a slight offset between the two sensors.

I included two scatter plots of Hioki vs. CAN current for UDDS 1 & UDDS 3 and calculated the R2 for each which was 0.9999 and 0.9992 respectively.

Dan

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 3/9/2020 6:24:42 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: 2-cycle to 5-cycle scaling factor for EVs draft response
Attachments: Draft 2-cycle to 5-cycle scaling factor response 9 Mar 2020.docx

Tristin,

Let me know your thoughts on the appended draft.

David Wright
Light-Duty Vehicle Center – Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4467

Draft Response –

Dear Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

From: [HYPERLINK "mailto:drupal_admin@epa.gov"] <[HYPERLINK "mailto:drupal_admin@epa.gov"]>
On Behalf Of Ex. 6 Personal Privacy (PP) via EPA
Sent: Thursday, February 6, 2020 4:53 PM
To: EPA Office of Transportation & Air Quality <[HYPERLINK "mailto:OTAQ@epa.gov"]>
Subject: 2-cycle to 5-cycle Scaling Factor

Subject: 2-cycle to 5-cycle Scaling Factor
Organization:
Name: Ex. 6 Personal Privacy (PP)
Email Address: [HYPERLINK "mailto Ex. 6 Personal Privacy (PP)
Comments:
I have a question about the justification for scaling factors used for Electric Vehicles when converting the 2-cycle results to the 5-cycle
equivalent result. From looking at the EPA datafile, I noticed that the
Tesla Model 3 Performance 18" uses a scaling factor of 0.7032. On the other

extreme, the Tesla Model Y Performance uses a scaling factor of 0.756.

Nearly all the other EVs in the 2020 EPA Datafile use a scaling factor of 0.7.

What allows Tesla to use such a different scaling factor? This is a 7% difference, and it results in range and efficiency numbers that are 7% higher
than they would be with a scaling factor of 0.7032. How is this scaling
factor modification justified? What specific factors in the case of Model
Y are taken into account to justify the reduced scaling of the dyno results to real world results?

Finally, why are EVs not required to just run the 5-cycle test? It seems
like the 5-cycle test is a very reasonable real-world test and I don't
understand why an EV would not be required to test to that standard. It
would encourage better efficiency in winter, etc.

Finally, why are losses when the car is in standby (often referred to as
vampire drain) not regulated by the EPA? For many EVs, and certainly for
Tesla, these losses can be significant. Why can they not be measured and
included in the EPA efficiency results?
Are you human? Yes

Message

From: French, Roberts [french.roberts@epa.gov]
Sent: 3/10/2020 11:54:40 AM
To: Hula, Aaron [Hula.Aaron@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]; Kochunas, Kathryn [kochunas.kathryn@epa.gov]
Subject: GHG Data & Calculations
Attachments: 1_GHG Standards-Fleet Averages-v3.xlsm

I'm not going to make it in in time for our 8:30 today. Use the time another way – perhaps by looking at the attached spreadsheet (which hopefully won't run into the repair issues that Amy found with the one I sent last night). I'll reschedule the meeting.

Roberts W. French, Jr.
U.S. Environmental Protection Agency
National Vehicle and Fuel Emissions Laboratory
2000 Traverwood Drive
Ann Arbor, Michigan 48105
(734) 214-4380

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 4/24/2020 7:14:38 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
CC: Wehrly, Linc [wehrly.linc@epa.gov]
Subject: Draft for you to start reviewing
Attachments: Draft EPA response to Tesla meeting summary 24 Apr 2020.docx

Let me know your thoughts as I work through the last two section of the Tesla notes.

Thanks

David Wright
Light-Duty Vehicle Center – Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4467

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 4/24/2020 7:21:16 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
CC: Wehrly, Linc [wehrly.linc@epa.gov]
Subject: Here's the Final Draft Now RE: Draft for you to start reviewing
Attachments: FInal Draft EPA response to Tesla meeting summary 24 Apr 2020.docx

From: Wright, DavidA
Sent: Friday, April 24, 2020 3:15 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Cc: Wehrly, Linc <wehrly.linc@epa.gov>
Subject: Draft for you to start reviewing

Let me know your thoughts as I work through the last two section of the Tesla notes.

Thanks

David Wright
Light-Duty Vehicle Center – Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4467

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 4/27/2020 1:06:20 PM
To: Cullen, Daniel [Cullen.Daniel@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: RE: EV's
Attachments: Dans 2020 EV data from EPA test car list.xlsx

Attached is a list of all of the EVs that I found in the 2020 Test Car list. Let me know if you have any questions or need any additional information – not sure if this is responsive to your request, or what has been requested of you.

Regards,

David

From: Cullen, Daniel <Cullen.Daniel@epa.gov>
Sent: Monday, April 27, 2020 8:04 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Subject: RE: EV's

I filtered the lists by "EPA" tests, and found no EV's. There is Tesla data in three, but it does not appear to be labeled as ours.

Do you know when the last Tesla test we did was posted to EVCIS?

Dan

From: Rojeck, Tristin
Sent: Sunday, April 26, 2020 10:17 PM
To: Cullen, Daniel <Cullen.Daniel@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Subject: RE: EV's

Hey Dan,

As far as I know, we post that the vehicle was run with 0 g/mile for each constituent and RL coefficients. It isn't really informative. I haven't looked at the test car list lately though. Is this assumption inaccurate?

Regards,

Tristin

From: Cullen, Daniel <Cullen.Daniel@epa.gov>
Sent: Saturday, April 25, 2020 11:40 PM
To: Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: EV's

Do we not post EV data on the test car list?

Dan

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 5/15/2020 8:43:45 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
CC: Wehrly, Linc [wehrly.linc@epa.gov]
Subject: FW: Tesla- EPA call (April 20 2020) - Tesla Response (May 13 2020)
Attachments: DW proposed response to Suraj's response to T Rojecks comments 15 May 2020.docx

Importance: High

Tristin,

Here's what I have got so far. My comments are in bold green times new roman. I still need to get to the ride height issue and also to take a look at the Tesla slides. I will get my next set of thoughts to you on Monday. Have a good weekend.

Regards,

David

From: Suraj Nagaraj <snagaraj@tesla.com>
Sent: Wednesday, May 13, 2020 6:36 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Ray Wang <raywang@tesla.com>
Cc: Vineet Mehta <vineet@tesla.com>; Wright, DavidA <Wright.DavidA@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Tesla- EPA call (April 20 2020) - Tesla Response (May 13 2020)
Importance: High

Hi Tristin,
Please see our response below. Happy to connect over the phone and provide more context if required.
Suraj

From: Rojeck, Tristin <rojeck.tristin@epa.gov>
Sent: Tuesday, May 5, 2020 6:07 PM
To: Ray Wang <raywang@tesla.com>; Suraj Nagaraj <snagaraj@tesla.com>
Cc: Vineet Mehta <vineet@tesla.com>; Wright, DavidA <Wright.DavidA@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Tesla- EPA call (April 20 2020) - Minutes

Hello Ray,

At this time, EPA does not find the Tesla predominant mode explanation acceptable. It is clear that Tesla has at least three sets of Driver Selectable features that affect range and consumption: "Stopping Mode", "Regen Mode", and "Ride Height Mode." Although a mode within one of these features may meet the predominance criteria outlined in CD 09-19 on a given day or over a period of time, it is not clear that the slides provided establish a predominant mode in real world driving.
<Tesla 5/13>>. The data supplied on slides 6 & 7 of the presentation titled "2020-04-10 EPA Modes Request Follow-Up#2_April272020_Ray.pptx" is the latest version of the document EPA should be referencing here. I am reattaching the three slides (HOLD, REGEN and RIDE HEIGHT) showing all the predominant modes along with real world data that Tesla

Ex. 4 CBI

Ex. 4 CBI

EPA would expect that a single set of driver selectable regeneration parameters meet the predominance criteria outlined in CD 09-19. Since the "Stopping Mode" and "Regen Mode" affect regenerative braking, it is important that a combination of the modes of these two features meet the predominance criteria. For example, if we simplify each of the features to include an "a" or "b" option, EPA would expect that the predominance criteria would be met for a set of both Driver Selectable features such as "aa." In this case, even if "a" is predominant in each feature, the combination of the two may not meet predominance criteria. I understand that Tesla's logic is much more complex, but further explanations are needed before EPA is comfortable with approving a given set of drive modes.
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Ex. 4 CBI

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Regards,

Tristin Rojeck

Light-Duty Vehicle Center - Compliance Division
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Are there any follow up questions on the predominant mode determination presentation? Does EPA accept our justification of the Predominant mode? In this week, there is going to be a LTSLV00.0L2S running change application submitted for the new Ex. 4 CBI Model S Long Range Plus. We would like to see the predominant mode case closed before starting a new running change application.

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Hi Tristin,

Attached please see the predominant mode determination presentation with page 6 & 7 added for review. The analysis on page 6 can indicate the existing models with Hold mode can meet the predominant mode criteria for Hold mode. Page 7 indicates the analysis of regen modes.

Regarding the cold UDDS test procedure, we can confirm that we have done exactly EPA expected. Please see the overall flow of Cold UDDS below.

- Charge the car to 100% -> unplug the charger -> min 12-hr soak-> UDDS + 10min soak + continuous UDDS until full depletion;
- AC settings: 22C (72F) Auto
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Please do not hesitate to ask if you have any questions.

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Subject: RE: Tesla- EPA call (April 20 2020) - Minutes

Hello Suraj and Ray,

Thank you for the MY21 product plan and meeting minutes from our discussion Tuesday (4/21). I fully understand that the product plan document is subject to change.

In italics below, EPA feedback is embedded in response to each of the summary points provided yesterday:

- **Predominant modes**
  - Tesla requested closure of the open issue on driver selectable modes based on new data provided
- EPA is not completely convinced that Tesla meets the requirements of "predominant mode" (particularly the OPD and Regen modes) due to the below arguments.
- Driver selectable mode is not "default" and

Ex. 4 CBI

- EPA has required that Tesla now begin to formally include this type of information as part of the application submission / pre certification meeting (whichever occurs earlier)

Ex. 4 CBI

Follow-up – *Tesla has not shared with EPA an analysis as outlined in CD-09-19 to determine if the existing Tesla models with Hold mode meet the predominant criteria. Assuming Tesla provides an analysis clearly indicating the existing models with Hold mode meet the predominant mode criteria for hold mode; Tesla then needs to explain to EPA why they believe that the existing predominant mode determinations would apply to the Model S LR+ and Model X LR+.*

EPA is not just now placing this requirement on Tesla, this requirement has been in place since manufacturers started offering shift mode options on automatic transmission vehicles. Recent guidance letters (CD-14-19 Certification Application Reporting Guidance Letter dated Nov 24, 2014; and CD-18-10 Compliance Preview Meeting Guidance Letter dated Oct 8, 2018) have included references to CD-09-19 and vehicles equipped with multimode driver selections. Tesla staff must review these guidance letters and seek Agency clarification when they have questions regarding implementing and testing new driver selectable options.

Based on the last bullet in predominant modes, EPA is concerned Tesla currently does not understand the requirements for determining predominant mode for the various driver selectable options and how that determination is made. The requirement is to provide mode information as part of every new vehicle certification submission and more importantly to test the vehicle using the appropriate mode or modes based on the guidance outlined in CD-09-19. It is not appropriate to simply test the vehicle in the most 'efficient' setup, that is not representative, nor does it meet the requirements outlined in Guidance Letter CD-09-19.

To that point, a predominance mode determination should be provided to EPA for review for all driver selectable features/modes that do not latch and affect fuel consumption/range such as regen mode, ride height, active louvres and "Range" modes outlined in slide 2 of the document provided to EPA dated 4/10/2020. Be sure that sample size and duration requirements described in CD 09-19 are met (representative sample of customers over at least one week).

- **New Running change submission.**

Ex. 4 CBI

- EPA , under its broad administrative privileges under the CFRs, is working on a 5 cycle methodology guidance document. The new guidance document will restrict the number of 20F cold UDDS cycles to be considered for Running FC to 12 and each cycle requires a 10min soak in between.
- EPA requires that all future 5 cycle tests conducted by Tesla use this new methodology instead of the full depletion method, beginning with the upcoming immediate running change.
  - While Tesla appreciates EPA's intention and motivation to provide a standardized testing methodology for all EVs, the number of cycles over which consumption is averaged shouldn't be arbitrary and based on the platform capabilities. Adding a 10 min soak between each cycle is unrepresentative of the real world usage of our vehicles. Tesla will provide more data specific to the LR variant so EPA can make a better judgment call.

As Tesla is in the process of performing 5-cycle testing on the Model S LR+ EPA will withdraw it's request to reduce the number UDDS cycles performed on the 20 F Cold UDDS cycle. EPA expects the 20 F Cold UDDS test to be run according to the Agency's current understanding of the Appendix B document in SAE J1634 which was drafted with Tesla and industry support. The 20 F UDDS test requires the vehicle be fully charged before going into the 20 F cold soak. The vehicle should be soaked at 20 F for a minimum of 12 hours prior to beginning the first UDDS cycle. During the 12-hour soak period the vehicle is not connected to the EVSE, nor is a separate battery charger installed to maintain battery charge, nor is there any thermal conditioning of the battery or the interior of the vehicle. Prior to beginning the test the heater settings are set according to the regulatory requirements. Tesla staff should review EPA guidance letter 2020-04 Climate Control Operation during the Cold Temperature (i.e. Cold CO) Test. There must to be a minimum of a 10-minute soak between the 1st and 2nd UDDS cycle; following the first soak period, the current Appendix B allows for a 0 to 30 minute soak apply.

EPA is in the process of drafting updated guidance regarding performing the 20 F UDDS testing to support BEV labeling. EPA will share the draft guidance with Tesla staff as it is developed and seek input from Tesla and other EV manufacturers. As Tesla knows the 20 F UDDS data are used in the calculation of the city consumption and not included in the calculation for highway consumption. The vast majority of urban driving is for distances significant less than the 44

or 51 UDDS cycles that Tesla performed without 10-minute soaks on the Model X LR+ and the Model S LR+. The allowance of greater than 3 or 4 UDDS cycles inappropriately biases the city consumption value, since BEV owners would not drive 300+ urban miles without recharging, as they would have multiple parking events and opportunities to charge. Lastly, looking at the 20 F data Tesla generated, the additional 32 to 39 UDDS cycles only improve the range value by 1.8% to 2.5% which is less than the value EPA considers to be within test to test variability. EPA does not believe this expenditure of resources is worthwhile since it biases the result and provides no meaningful data for the label calculation.

- **Confirmatory test timeline**

  - Tesla requested a new confirmatory test date from the EPA. Tesla intends to bring the running change into production before **Ex. 4 CBI** and would like all certification formalities to be completed before we begin production.

- EPA cannot confirm any date for a new confirmatory test at this point. The earliest possibility may be mid-May depending on their return to work schedule.

  - Tesla will continue to work closely with EPA over the next few weeks to schedule a confirmatory test as early as practicable. Tesla intends to begin production of the new running change by **Ex. 4 CBI**

Tesla needs to resolve the issue of predominance modes and their applicability to the Model S LR+ in addition to completing the 5-cycle testing on the running change configuration; then, Tesla needs to submit the results to EPA. At that time, EPA will make a decision on whether to call-in the running change configuration and determine a test date. At this time the EPA laboratory is shut down due to the Shelter-in-place order issued by Michigan's Governor. The possibility exists that EPA may not be able to perform a confirmatory test on this vehicle. EPA could request Tesla perform confirmatory tests of any of the cycles used to generate the 5-cycle data at Tesla's facility and provide those results to the Agency.

- **Mileage on FEDV**

  - Given the factory shutdown due to COVID-19, Tesla requests EPA to approve use of a vehicle that exceeds the stipulated mileage requirement under the CFRs.

- EPA has no concerns over the FEDV mileage exceedance but will require Tesla to adhere to previously agreed policies over selection of vehicles for testing for all future testing.

  - Tesla will provide EPA with details on hardware that remains within the stipulated mileage requirement and what hardware was replaced. In the future , Tesla agreed to limit this deviation for this instance.

EPA expects the drive system including batteries, electric motor, transaxle, driveshafts, wheels, bearings, and tires to all be replaced and driven or aged to 1,000 miles as a unit.

Please let me know if you need further clarifications or would like to schedule another meeting to continue the discussion. I hope you all have a good weekend and stay safe!

Regards,

Tristin Rojeck

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From: Ray Wang <raywang@tesla.com>
Sent: Friday, April 24, 2020 12:56 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Suraj Nagaraj <snagaraj@tesla.com>
Cc: Vineet Mehta <vineet@tesla.com>; Wright, DavidA <Wright.DavidA@epa.gov>; Good, David <good.david@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Tesla- EPA call (April 20 2020) - Minutes

HI Tristin,

Attached please see the presentation we shared during the meeting. The roadmaps are according to our current plan. They may still change if there is any change of the business plan.

Thank you

Ray Wang I Engineer, Homologation
901 Page Ave, Fremont, CA 94538
m. +1 (612) 940-3608 | raywang@tesla.com
TESLA

From: Rojeck, Tristin <rojeck.tristin@epa.gov>
Sent: Thursday, April 23, 2020 6:52 PM
To: Suraj Nagaraj <snagaraj@tesla.com>
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Subject: RE: Tesla- EPA call (April 20 2020) - Minutes

Hello Suraj,

Thank you for the summary. Could you please provide the presentation from Tuesday when you get a chance? I am particularly interested in the model year 2021 product profile and timeline if the whole presentation isn't available yet.

I will reach out with EPA feedback in the near future.

Regards,

Tristin Rojeck

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From: Suraj Nagaraj <snagaraj@tesla.com>
Sent: Thursday, April 23, 2020 1:00 PM
To: Wright, DavidA <Wright.DavidA@epa.gov>; Good, David <good.david@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>

Cc: Ray Wang <raywang@tesla.com>; Vineet Mehta <vineet@tesla.com>
Subject: Tesla- EPA call (April 20 2020) - Minutes

D Wright , Tristin, D.Good, Linc,

Thank you all for joining the call with us on Monday. Here are some notes on the topics of discussion and the action items on our end. Please review and let me know if you disagree with anything stated below.

Topics of Discussion	Follow up
• **Predominant modes** o Tesla requested closure of the open issue on driver selectable modes based on new data provided • EPA is not completely convinced that Tesla meets the requirements of "predominant mode" (particularly the OPD and Regen modes) due to the below arguments. • Driver selectable mode is not "default" and **Ex. 4 CBI** • EPA has required that Tesla now begin to formally include this type of information as part of the application submission / pre certification meeting (whichever occurs earlier) **Ex. 4 CBI**	
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TESLA

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Sent: 5/18/2020 6:12:33 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
CC: Wehrly, Linc [wehrly.linc@epa.gov]
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Attachments: DW proposed response to Suraj's response to T Rojecks comments 18 May 2020.docx

Importance: High

Tristin,

Ex. 5 Deliberative Process (DP)

Regards,

David

From: Wright, DavidA
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Ex. 4 CBI

Follow-up – *Tesla has not shared with EPA an analysis as outlined in CD-09-19 to determine if the existing Tesla models with Hold mode meet the predominant criteria. Assuming Tesla provides an analysis clearly indicating the existing models with Hold mode meet the predominant mode criteria for hold mode; Tesla then needs to explain to EPA why they believe that the existing predominant mode determinations would apply to the Model S LR+ and Model X LR+.*

EPA is not just now placing this requirement on Tesla, this requirement has been in place since manufacturers started offering shift mode options on automatic transmission vehicles. Recent guidance letters (CD-14-19 Certification Application Reporting Guidance Letter dated Nov 24, 2014; and CD-18-10 Compliance Preview Meeting Guidance Letter dated Oct 8, 2018) have included references to CD-09-19 and vehicles equipped with multimode driver selections. Tesla staff must review these guidance letters and seek Agency clarification when they have questions regarding implementing and testing new driver selectable options.

Based on the last bullet in predominant modes, EPA is concerned Tesla currently does not understand the requirements for determining predominant mode for the various driver selectable options and how that determination is made. The requirement is to provide mode information as part of every new vehicle certification submission and more importantly to test the vehicle using the appropriate mode or modes based on the guidance outlined in CD-09-19. It is not appropriate to simply test the vehicle in the most 'efficient' setup, that is not representative, nor does it meet the requirements outlined in Guidance Letter CD-09-19.

To that point, a predominance mode determination should be provided to EPA for review for all driver selectable features/modes that do not latch and affect fuel consumption/range such as regen mode, ride height, active louvres and "Range" modes outlined in slide 2 of the document provided to EPA dated 4/10/2020. Be sure that sample size and duration requirements described in CD 09-19 are met (representative sample of customers over at least one week).

- **New Running change submission.**

Ex. 4 CBI

- EPA , under its broad administrative privileges under the CFRs, is working on a 5 cycle methodology guidance document. The new guidance document will restrict the number of 20F cold UDDS cycles to be considered for Running FC to 12 and each cycle requires a 10min soak in between.

- EPA requires that all future 5 cycle tests conducted by Tesla use this new methodology instead of the full depletion method, beginning with the upcoming immediate running change.

  - While Tesla appreciates EPA's intention and motivation to provide a standardized testing methodology for all EVs, the number of cycles over which consumption is averaged shouldn't be arbitrary and based on the platform capabilities. Adding a 10 min soak between each cycle is unrepresentative of the real world usage of our vehicles. Tesla will provide more data specific to the LR variant so EPA can make a better judgment call.

As Tesla is in the process of performing 5-cycle testing on the Model S LR+ EPA will withdraw it's request to reduce the number UDDS cycles performed on the 20 F Cold UDDS cycle. EPA expects the 20 F Cold UDDS test to be run according to the Agency's current understanding of the Appendix B document in SAE J1634 which was drafted with Tesla and industry support. The 20 F UDDS test requires the vehicle be fully charged before going into the 20 F cold soak. The vehicle should be soaked at 20 F for a minimum of 12 hours prior to beginning the first UDDS cycle. During the 12-hour soak period the vehicle is not connected to the EVSE, nor is a separate battery charger installed to maintain battery charge, nor is there any thermal conditioning of the battery or the interior of the vehicle. Prior to beginning the test the heater settings are set according to the regulatory requirements. Tesla staff should review EPA guidance letter 2020-04 Climate Control Operation during the Cold Temperature (i.e. Cold CO) Test. There must to be a minimum of a 10-minute soak between the 1st and 2nd UDDS cycle; following the first soak period, the current Appendix B allows for a 0 to 30 minute soak apply.

EPA is in the process of drafting updated guidance regarding performing the 20 F UDDS testing to support BEV labeling. EPA will share the draft guidance with Tesla staff as it is developed and seek input from Tesla and other EV manufacturers. As Tesla knows the 20 F UDDS data are used in the calculation of the city consumption and not included in the calculation for highway consumption. The vast majority of urban driving is for distances significant less than the 44 or 51 UDDS cycles that Tesla performed without 10-minute soaks on the Model X LR+ and the Model S LR+. The allowance of greater than 3 or 4 UDDS cycles inappropriately biases the city consumption value, since BEV owners would not drive 300+ urban miles without recharging, as they would have multiple parking events and opportunities to charge. Lastly, looking at the 20 F data Tesla generated, the additional 32 to 39 UDDS cycles only improve the range value by 1.8% to 2.5% which is less than the value EPA considers to be within test to test variability. EPA does not believe this expenditure of resources is worthwhile since it biases the result and provides no meaningful data for the label calculation.

- **Confirmatory test timeline**

  - Tesla requested a new confirmatory test date from the EPA. Tesla intends to bring the running change into production before **Ex. 4 CBI** and would like all certification formalities to be completed before we begin production.

- EPA cannot confirm any date for a new confirmatory test at this point. The earliest possibility may be mid-May depending on their return to work schedule.

  - Tesla will continue to work closely with EPA over the next few weeks to schedule a confirmatory test as early as practicable. Tesla intends to begin production of the new running change by **Ex. 4 CBI**

Tesla needs to resolve the issue of predominance modes and their applicability to the Model S LR+ in addition to completing the 5-cycle testing on the running change configuration; then, Tesla needs to submit the results to EPA. At that time, EPA will make a decision on whether to call-in the running change configuration and determine a test date. At this time the EPA laboratory is shut down due to the Shelter-in-place order issued by Michigan's Governor. The possibility exists that EPA may not be able to perform a confirmatory test on this vehicle. EPA could request Tesla perform confirmatory tests of any of the cycles used to generate the 5-cycle data at Tesla's facility and provide those results to the Agency.

- **Mileage on FEDV**

  - Given the factory shutdown due to COVID-19, Tesla requests EPA to approve use of a vehicle that exceeds the stipulated mileage requirement under the CFRs.

- EPA has no concerns over the FEDV mileage exceedance but will require Tesla to adhere to previously agreed policies over selection of vehicles for testing for all future testing.
  - Tesla will provide EPA with details on hardware that remains within the stipulated mileage requirement and what hardware was replaced. In the future , Tesla agreed to limit this deviation for this instance.

EPA expects the drive system including batteries, electric motor, transaxle, driveshafts, wheels, bearings, and tires to all be replaced and driven or aged to 1,000 miles as a unit.

Please let me know if you need further clarifications or would like to schedule another meeting to continue the discussion. I hope you all have a good weekend and stay safe!

Regards,

Tristin Rojeck

Light-Duty Vehicle Center - Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4649

From: Ray Wang <raywang@tesla.com>
Sent: Friday, April 24, 2020 12:56 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Suraj Nagaraj <snagaraj@tesla.com>
Cc: Vineet Mehta <vineet@tesla.com>; Wright, DavidA <Wright.DavidA@epa.gov>; Good, David <good.david@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Tesla- EPA call (April 20 2020) - Minutes

HI Tristin,

Attached please see the presentation we shared during the meeting. The roadmaps are according to our current plan. They may still change if there is any change of the business plan.

Thank you

Ray Wang I Engineer, Homologation
901 Page Ave, Fremont, CA 94538
m. +1 (612) 940-3608 | raywang@tesla.com
T E S L A

From: Rojeck, Tristin <rojeck.tristin@epa.gov>
Sent: Thursday, April 23, 2020 6:52 PM
To: Suraj Nagaraj <snagaraj@tesla.com>
Cc: Ray Wang <raywang@tesla.com>; Vineet Mehta <vineet@tesla.com>; Wright, DavidA <Wright.DavidA@epa.gov>; Good, David <good.david@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Tesla- EPA call (April 20 2020) - Minutes

Hello Suraj,

Thank you for the summary. Could you please provide the presentation from Tuesday when you get a chance? I am particularly interested in the model year 2021 product profile and timeline if the whole presentation isn't available yet.

I will reach out with EPA feedback in the near future.

Regards,

Tristin Rojeck

Light-Duty Vehicle Center - Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4649

From: Suraj Nagaraj <snagaraj@tesla.com>
Sent: Thursday, April 23, 2020 1:00 PM
To: Wright, DavidA <Wright.DavidA@epa.gov>; Good, David <good.david@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: Ray Wang <raywang@tesla.com>; Vineet Mehta <vineet@tesla.com>
Subject: Tesla- EPA call (April 20 2020) - Minutes

D Wright , Tristin, D.Good, Linc,

Thank you all for joining the call with us on Monday. Here are some notes on the topics of discussion and the action items on our end. Please review and let me know if you disagree with anything stated below.

Topics of Discussion	Follow up
• **Predominant modes** o Tesla requested closure of the open issue on driver selectable modes based on new data provided • EPA is not completely convinced that Tesla meets the requirements of "predominant mode" (particularly the OPD and Regen modes) due to the below arguments. • Driver selectable mode is not "default" and **Ex. 4 CBI** • EPA has required that Tesla now begin to formally include this type of information as part of the application submission / pre certification meeting (whichever occurs earlier) **Ex. 4 CBI**	

Ex. 4 CBI	
• **New Running change submission.** Ex. 4 CBI • EPA , under its broad administrative privileges under the CFRs, is working on a 5 cycle methodology guidance document. The new guidance document will restrict the number of 20F cold UDDS cycles to be considered for Running FC to 12 and each cycle requires a 10min soak in between. • EPA requires that all future 5 cycle tests conducted by Tesla use this new methodology instead of the full depletion method, beginning with the upcoming immediate running change. o While Tesla appreciates EPA's intention and motivation to provide a standardized testing methodology for all EVs, the number of cycles over which consumption is averaged shouldn't be arbitrary and based on the platform capabilities. Adding a 10 min soak between each cycle is unrepresentative of the real world usage of our vehicles. Tesla will provide more data specific to the LR variant so EPA can make a better judgment call.	
• **Confirmatory test timeline** o Tesla requested a new confirmatory test date from the EPA. Tesla intends to bring the running change into production before Ex. 4 CBI and would like all certification formalities to be completed before we begin production. • EPA cannot confirm any date for a new confirmatory test at this point. The earliest possibility may be mid-May depending on their return to work schedule. o Tesla will continue to work closely with EPA over the next few weeks to schedule a confirmatory test as early as practicable. Tesla intends to begin production of the new running change by Ex. 4 CBI	
• **Mileage on FEDV** o Given the factory shutdown due to COVID-19, Tesla requests EPA to approve use of a vehicle that exceeds the stipulated mileage requirement under the CFRs. • EPA has no concerns over the FEDV mileage exceedance but will require Tesla to adhere to previously agreed policies over selection of vehicles for testing for all future testing. o Tesla will provide EPA with details on hardware that remains within the stipulated mileage requirement and what hardware was replaced. In the future , Tesla agreed to limit this deviation for this instance.	o

Suraj Nagaraj | Director, Homologation

901 Page Ave, Fremont, CA 94538
p. +1 (510) 249-8749 | m. +1 (510) 301-4607 | snagaraj@tesla.com

TESLA

Message

From: Smithson, Arlene [smithson.arlene@epa.gov]
Sent: 10/7/2020 2:15:08 PM
To: Bochenek, David [bochenek.david@epa.gov]; Fredryk, John [fredryk.john@epa.gov]; Jedele, Justin [jedele.justin@epa.gov]
CC: McBryde, Dan [mcbryde.dan@epa.gov]; George, Steve [george.steve@epa.gov]; Spieth, John [Spieth.John@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: RE: Tesla Cert Request
Attachments: WIF-1273-01 R2 Vehicle Test Request Review Checklist (SD221-381503_0)AS.docx

Hi, Dave:

I just have to add the check to Electric vehicle to the Test Request Review (attached file). We can give Steve George the coefficients and he can let us know what we will need to use for the dyno since he has a spreadsheet for that. We will only need to corroborate numbers with the Tesla guys when they come here. Given it is again a Tesla, they would like us to use one driver as much as possible and our most experience driver is Justine. I hope John Spieth can allow Justine to do the test (Justine, if you have any issues and want a certain timing for the testing, please let us know.) Also I want to point out to Spieth and Justine that this is an extra long test since they are now claiming UDDS range of 567 miles and HWY range of 538 miles (we may need overtime for Justine). Dave, let Tristin know that the earlier they can provide us with the information of their SS time or mileage and the location and number of the clamps we will need to use on their vehicle, the better. Also let Tristin know that we require from Tesla a ready to test vehicle (not that it does not go to sleep when it should have because of software bug or not that it does not accept all the charge and we need to check the state of charge after recharge, etc.) since rerunning the vehicle will be really problematic. We want a vehicle that they can not come back to us stating it had a bug and we need to rerun. Also tell Tristin that we require Tesla to provide us their test protocol to follow (I know about "single" driver as much as possible and limit the use of friction brakes, but if they have other protocols they need to clear it with you and we need to see if we can accommodate them such as times in the SS where we stop for so much, etc.). I definitely will want to have everything iron out before the test to avoid a retest or points of contingencies from Tesla and would like the schedule to work for Justine too, since he is most likely the driver.

Yours, Arlene

And YES there will be PIZZA and goodies, guys! We all need to eat even in pandemic time... 😊

From: Bochenek, David <bochenek.david@epa.gov>
Sent: Wednesday, October 07, 2020 9:13 AM
To: Smithson, Arlene <smithson.arlene@epa.gov>; Fredryk, John <fredryk.john@epa.gov>; Jedele, Justin <jedele.justin@epa.gov>
Subject: Tesla Cert Request

Arlene,
We have a request for a Tesla that according to EVCIS, is ready for testing. Attached is the EVCIS info for you to look at. Add to the checklist if necessary. I recall that we usually run these vehicle with an unusual Axle Rot Inertia coefficient so we will need to know that.

Let us know when you would like to test it
And most importantly – are there still pizza days during the COVID pandemic?

Thanks
Dave

Vehicle ID #/Config.: SD221-381503/0 Mfr.: Tesla

1. VERIFY: Confirmatory Test Decision Information

YES	NO	NA		
☐	☐	☒	**a.**	The "Test Fuel Type" field requests an available released NVFEL fuel.
☒	☐	☐	**b.**	The "Test Procedures" selections are consistent with "Engine Type" on the *Supplemental Information Details* page (Example – Hybrid vehicle needs 4 bag FTP procedure; Hybrid vehicle evap. test needs 3 bag FTP procedure).
☒	☐	☐	**c.**	The "Road Speed Fan Usage Indicator" field is consistent with "Primary Engine Cooling Fan Placement" on the *Supplemental Information Details* page and "Road Speed Fan Usage Indicator" on the *Test Information Details* page.
☐	☒	☐	**d.**	The comment fields ("Mfr Comments", "EPA Cert Special Testing Instructions" and "LOD Comments") are consistent with each other and with the standard form fields (i.e., no special instructions).

2. VERIFY: Supplemental Information Details

YES	NO	NA		
☒	☐	☐	**a.**	The "Transmission Mode Tested Description" field indicates a standard transmission type. (Check "NO" for special mode descriptions such as "Sport Mode").
☒	☐	☐	**b.**	The "Drive System Code" field is consistent with the "4WD Test Dyno" field on the *Test Information Details* page.
☒	☐	☐	**c.**	Any "Part time 4WD" or selectable 4WD information is clearly identified on the request to be tested in either 2WD or 4WD.
☐	☐	☒	**d.**	The number of canisters is less than 2. If "NO", indicate total capacity below.
☒	☐	☐	**e.**	The comment fields ("Road Speed Fan Setup Specifications" and "Supplemental Information Comments") are consistent with each other and with the standard form fields (i.e., no special instructions).

3. VERIFY: Test Information Details

YES	NO	NA		
☒	☐	☐	**a.**	The "Manufacturer Test Comments" field is consistent with the standard form fields (i.e., no special instructions).

4. Identification of Special Parameters for Test Cell/Test Set-up Selection

☐ Vehicle weight above 6000lbs.	☐ Manual Transmission	☐ RWD vehicle w/RSF
☒ 4WD/AWD vehicle	☐ N_2O requested	☐ PM requested
☐ Hybrid Vehicle	☒ Electric Vehicle	☐ Additional Fan
☐ Extra Preconditioning/Fueling Events	☐ Double Prep	☐ Special Can Load Instructions

Reviewer Comments:

For any item checked "NO" above, describe the clarification or resolution below. List any special instructions for the Scheduler to include in the Test Parameters and Comments of the Test Packet. Contact the CD Rep if instructions need clarification.

Source	Comment
1b, 1d	MCT with 65 mph SS
1c	RSF

Reviewer's Name: Dave Bochenek **Date: 10/7/2020**

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 6/16/2020 12:41:57 PM
To: Frost, Matthew W [matthew.frost@gdit.com]; Sessler, Claire [Claire_Sessler@sra.com]
CC: Rojeck, Tristin [rojeck.tristin@epa.gov]; Bunker, Amy [Bunker.Amy@epa.gov]
Subject: Car/truck for 2019
Attachments: 2019 footprint.xlsx

Matt/Claire,

Attached is the 2019 footprint data. I asked Karen to run this to get the car/truck definitions, but I figured the footprint data might be useful as well. I have removed production values since I'm sending by email. Let me know if you have any questions or if there's anything else we can help with.

Matt, if you could remember to send the PHEV template to Tristin we'll get that going as well.

Thanks,

Aaron Hula
Office of Transportation and Air Quality
US Environmental Protection Agency
734.214.4267

Message

From: Danzeisen, Karen [Danzeisen.Karen@epa.gov]
Sent: 11/13/2020 8:12:41 PM
To: Peter Huether [phuether@aceee.org]
CC: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: RE: ACEEE data set
Attachments: 2021 ACEEE - 2020-11-13.xlsx

Hi Peter,

I've attached an updated dataset for MY2021 which is releasable today.

Be aware, I'm planning on being out of the office from 12/18 through 1/1/2021 so let me know before then if you need a data update.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Peter Huether <phuether@aceee.org>
Sent: Friday, November 13, 2020 2:29 PM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: ACEEE data set

Hi Karen,

Would I be able to get another dataset query when you get a chance? May still need another in late-December but a few OEMs looked like they were missing from the last one.

Thanks again,
Peter

Peter Huether
Senior Research Analyst
Transportation Program
American Council for an Energy-Efficient Economy

From: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Sent: Monday, September 28, 2020 4:55 PM
To: Peter Huether <phuether@aceee.org>

Cc: Shruti Vaidyanathan <SVaidyanathan@aceee.org>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: ACEEE data set

Hello Peter,

Nice to meet you as well. I can provide you with the releasable MY2021 data in the format which I had been sending to your predecessor. I've attached that data. It won't be the full dataset, only that which has been submitted successfully to our database and has a release date (determined by the submitting manufacturer) of today or earlier.

If you find have questions about the content or completeness of the data, I'll refer you to one of our Certification Engineers, Tristin Rojeck, who knows the state of the data better than me. I'm the I.T. person who built the query which selects the data for export. I would be happy to run the query for you later in the year if necessary – just let me know.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Peter Huether <phuether@aceee.org>
Sent: Monday, September 28, 2020 10:21 AM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Shruti Vaidyanathan <SVaidyanathan@aceee.org>
Subject: ACEEE data set

Hi Karen,

I hope you are doing well, my name is Peter Huether and I am the new senior research analyst at ACEEE who will be updating Greener Cars from now on. I am now kicking off the model year 2021 version and I wanted to reach out to ask about obtaining the data set from EPA. Let me know what you are thinking in terms of timeline for this. Also, as in previous years, we will likely need another round of data in December in case any data comes to you late.

Great to virtually meet you and looking forward to connecting again,

Peter Huether
Senior Research Analyst
Transportation Program
American Council for an Energy-Efficient Economy

Message

From: Smithson, Arlene [smithson.arlene@epa.gov]
Sent: 12/7/2020 4:46:07 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: Mack E PRELIMINARY Results
Attachments: EV MCT Calculator_MachE_12220.xlsx

Hi, Tristin:

Attached are the preliminary results. W did a bit less on the UDDS and a bit higher on the HWY both within 3% of mileage reported.

Yours, Arlene

Message

From: Danzeisen, Karen [Danzeisen.Karen@epa.gov]
Sent: 12/15/2020 11:06:44 PM
To: Peter Huether [phuether@aceee.org]
CC: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: RE: ACEEE data set
Attachments: 2021 ACEEE - 2020-12-15.xlsx

Hello Peter,

I've attached the releasable ACEEE data for MY2021. If there's any problems with it please let me know as Thursday is my last day until the new year.

Happy holidays to you – I hope you'll be able to get some time off.

Thank you,
Karen

Out of Office: 12/18/20 – 1/1/21

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Peter Huether <phuether@aceee.org>
Sent: Monday, December 14, 2020 11:51 AM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: ACEEE data set

Hi Karen,

Hope you are doing well. Would I be able to get one more dataset?

Have a good holiday break,
Peter

From: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Sent: Friday, November 13, 2020 3:13 PM
To: Peter Huether <phuether@aceee.org>
Cc: Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: ACEEE data set

Hi Peter,

I've attached an updated dataset for MY2021 which is releasable today.

Be aware, I'm planning on being out of the office from 12/18 through 1/1/2021 so let me know before then if you need a data update.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Peter Huether <phuether@aceee.org>
Sent: Friday, November 13, 2020 2:29 PM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: ACEEE data set

Hi Karen,

Would I be able to get another dataset query when you get a chance? May still need another in late-December but a few OEMs looked like they were missing from the last one.

Thanks again,
Peter

Peter Huether
Senior Research Analyst
Transportation Program
American Council for an Energy-Efficient Economy

From: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Sent: Monday, September 28, 2020 4:55 PM
To: Peter Huether <phuether@aceee.org>
Cc: Shruti Vaidyanathan <SVaidyanathan@aceee.org>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: ACEEE data set

Hello Peter,

Nice to meet you as well. I can provide you with the releasable MY2021 data in the format which I had been sending to your predecessor. I've attached that data. It won't be the full dataset, only that which has been submitted successfully to our database and has a release date (determined by the submitting manufacturer) of today or earlier.

If you find have questions about the content or completeness of the data, I'll refer you to one of our Certification Engineers, Tristin Rojeck, who knows the state of the data better than me. I'm the I.T. person who built the query which selects the data for export. I would be happy to run the query for you later in the year if necessary – just let me know.

Thank you,
Karen

Karen E. Danzeisen
Information Technology Specialist
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

danzeisen.karen@epa.gov
(734)214-4444
https://www.epa.gov/vehicle-and-engine-certification

From: Peter Huether <phuether@aceee.org>
Sent: Monday, September 28, 2020 10:21 AM
To: Danzeisen, Karen <Danzeisen.Karen@epa.gov>
Cc: Shruti Vaidyanathan <SVaidyanathan@aceee.org>
Subject: ACEEE data set

Hi Karen,

I hope you are doing well, my name is Peter Huether and I am the new senior research analyst at ACEEE who will be updating Greener Cars from now on. I am now kicking off the model year 2021 version and I wanted to reach out to ask about obtaining the data set from EPA. Let me know what you are thinking in terms of timeline for this. Also, as in previous years, we will likely need another round of data in December in case any data comes to you late.

Great to virtually meet you and looking forward to connecting again,

Peter Huether
Senior Research Analyst
Transportation Program
American Council for an Energy-Efficient Economy

Message

From: Smithson, Arlene [smithson.arlene@epa.gov]
Sent: 12/10/2020 8:23:33 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: Data from MachE test Part 1
Attachments: Final EV MCT Calculator_MachE_12220.xlsx; MachEcharge.xls; MachEMCT65.xlsx; MCT_65_D006_202012011237_00039.xlsm; RLDMachE.pdf

EV calculator with distance to 3 significant digits
Charge file
Calculations for Whr of each phase
Steve George's calculator (check on EV calculator data)
RLD report

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 6/22/2020 8:44:23 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
CC: Wehrly, Linc [wehrly.linc@epa.gov]; Cullen, Daniel [Cullen.Daniel@epa.gov]
Subject: List of concerns with Tesla testing process
Attachments: Tesla certification issues.docx

The following list is my initial start – feel free to add, once we have the list completed we will schedule a half hour meeting with Byron to discuss having the general conversation with Tesla management.

Thanks,

David

Message

From: Smithson, Arlene [smithson.arlene@epa.gov]
Sent: 2/4/2021 2:01:57 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]
Subject: RE: Tesla Test Summary DO NOT SHARE
Attachments: EV MCT Calculator_TeslaS_012921.xlsx

Hi, Tristin:

Sorry I meant to send you the Summary but did the data file. It is a busy day here and my brain is not working right yet.

Yours, Arlene

From: Rojeck, Tristin <rojeck.tristin@epa.gov>
Sent: Thursday, February 04, 2021 8:45 AM
To: Smithson, Arlene <smithson.arlene@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Subject: RE: Tesla Test Summary DO NOT SHARE

Hello Arlene,

Thank you for this information. Will you please also send the distances associated with each portion of the cycle and the recharge energy?

Regards,

Tristin

From: Smithson, Arlene <smithson.arlene@epa.gov>
Sent: Thursday, February 4, 2021 8:29 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Subject: Tesla Test Summary DO NOT SHARE

Message

From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 2/12/2021 1:17:05 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
CC: Bunker, Amy [Bunker.Amy@epa.gov]; Maguire, Andrea [Maguire.Andrea@epa.gov]
Subject: FW: GHG compliance data
Attachments: P100G858.pdf

Amy ot Tristin,

Have either of you run into more detail on the early credit calculations for Hyundai and Kia in Rob's various files? We don't currently have the detail she's looking for in our Trends file, and I'm honestly not sure where to look for it. Given that it was Hyundai/Kia during a time when they were under investigation it could unfortunately be something convoluted or negotiated.

I'm also unfamiliar with her second question, if either of you have input.

I've attached the early credit report for reference.

Thanks,
Aaron

From: Armitage, Sarah <saraharmitage@g.harvard.edu>
Sent: Thursday, February 11, 2021 9:49 PM
To: Hula, Aaron <Hula.Aaron@epa.gov>
Subject: GHG compliance data

Dear Aaron,

I hope this email finds you well. I am a researcher using data from EPA's annual reports on manufacturer compliance with passenger vehicle GHG regulations. I found your name listed on EPA's as the relevant contact for the automotive trends report; if there is someone else whom I should contact instead with my query, please let me know.

I am looking for two pieces of information:
1. EPA's 2013 report on the early compliance program, "Greenhouse Gas Emissions Standards for Light Duty Automobiles: Status of Early Credit Program for Model Years 2009-2011" (EPA-420-R-13-005), reports for each manufacturer the early compliance pathway (1, 2, 3, or 4) as well as the fleet threshold (in g/mile), fleet average emissions (in g/mile), and vehicle production (in # units) for both cars and trucks. (See appendix I.) The report notes that this information is not reported for Kia and Hyundai due to ongoing investigations but will be included in subsequent reports.

   However, I cannot find this information for Kia and Hyundai in any subsequent reports. Beginning with model year 2013, EPA's annual "Greenhouse Gas Emission Standards for Light-Duty Vehicles: Manufacturer Performance Report" does include the total number of early compliance credits earned by Kia and Hyundai in each year, but these reports do not seem to include the compliance pathway or fleet threshold/average for these manufacturers.

   As such, I am wondering if you would be able to provide the same information appearing in Appendix I of the early compliance report for Kia and Hyundai.

2. I understand that the early compliance program used a single fleetwide standard for cars and trucks in MY2009 and MY2010 (depending on compliance pathway), but used a footprint-based rule for determining model-specific standards in MY2011. However, I cannot find in any report the formula for this early compliance footprint-based rule (analogous to the formulas appearing in the federal register for MY2012 and beyond). Is the formula for MY2011 the same as that used in MY2012? If not, would you be able to send the details of the footprint-based standard in MY2011 (for all compliance pathways)?

Many thanks for your time. Please let me know if you have questions about the above.

Best wishes,
Sarah

--
Sarah Armitage
PhD Candidate
Harvard University

Greenhouse Gas Emission Standards for Light-Duty Automobiles:

Status of Early Credit Program for Model Years 2009-2011

EPA United States Environmental Protection Agency

ED_006488A_00007784-00001

Greenhouse Gas Emission Standards for Light-Duty Automobiles:

Status of Early Credit Program for Model Years 2009-2011

Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency

NOTICE

This technical report does not necessarily represent final EPA decisions or positions. It is intended to present technical analysis of issues using data that are currently available. The purpose in the release of such reports is to facilitate the exchange of technical information and to inform the public of technical developments.

EPA United States Environmental Protection Agency

EPA-420-R-13-005
March 2013

ED_006488A_00007784-00002

Executive Summary

On May 7, 2010, the Environmental Protection Agency (EPA) published a final regulation that laid out the first-ever national greenhouse gas (GHG) emissions standards under the Clean Air Act.[1] The standards in this first regulation, which apply to light-duty vehicles, light-duty trucks, and medium-duty passenger vehicles, cover the 2012 through 2016 model years. Subsequently, on October 15, 2012, EPA published regulations that will require auto manufacturers to achieve additional GHG emissions reductions in the 2017 through 2025 model years.[2] These rules were established jointly with the National Highway Traffic Safety Administration (NHTSA), which established parallel standards for Corporate Average Fuel Economy (CAFE). Collectively the EPA GHG standards and NHTSA CAFE standards are known as the National Program.

EPA's GHG program, which will now progressively lower the average new vehicle GHG emissions in each model year from 2012 through 2025, includes a number of flexibilities designed to provide sufficient lead time for manufacturers to make technological improvements and to reduce the overall cost of the program, without compromising overall environmental objectives. One of these flexibilities is an optional program that allows manufacturers with superior greenhouse gas emission reduction performance to generate early credits in the 2009-2011 model years. The early credits program provided a valuable incentive for manufacturers that have implemented GHG-reducing technologies in excess of either the CAFE or California GHG standards prior to the 2012 model year. These early credits represent surplus reductions that were not otherwise required by law, and will allow manufacturers to more effectively transition to the increasingly stringent GHG standards. EPA's early credits program is also an important example of how the GHG and CAFE programs were aligned to achieve a coordinated National Program.[3]

Early credits may be earned through fleet average carbon dioxide (CO_2) reductions, improvements to air conditioning systems that reduce refrigerant leakage or improve system efficiency, introduction of advanced technology vehicles (i.e., electric, fuel cell, and plug-in hybrid electric vehicles), and implementation of technologies that reduce CO_2 emissions over driving conditions not captured by the test procedures used for compliance with the CO_2 standards (i.e., "off-cycle" reductions).

Manufacturers that chose to participate in the early credits program submitted documentation in early 2012, as required under the regulations. Seventeen manufacturers chose to participate in one or more elements of the early credits program, reporting some 209 million metric tons of CO_2 credits over the three model years covered by the program.[4] Some companies qualified for the full range of types of early credits allowed, while others only reported fleet average based

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[1] Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standards, Final Rule, Federal Register 75 (7 May 2010): 25324-25728.

[2] 2017 and Later Model Year Light-Duty Vehicle Greenhouse Gas Emissions and Corporate Average Fuel Economy Standards, Final Rule, Federal Register 77 (15 October 2012): 62624-63200.

[3] Under the CAFE program, manufacturers that have been outperforming the CAFE standards in the same time period will be approaching the increasingly stringent CAFE standards with credits accumulated in the same model years as the early GHG credits program.

[4] In this report, credits are expressed in the identical units of metric tons or Megagrams (Mg). 1,000,000 grams = 1,000 kilograms = 1 Megagram = 1 metric ton.

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credits or air conditioning credits. As expected, and consistent with the intent of the early credits program, sixteen manufacturers reported generating credits through fleet average reductions, which accounts for most of the early credits reported by the industry (180.2 million metric tons). Ten manufacturers reported credits resulting from improvements to the efficiency of air conditioning systems (8.1 million metric tons), and nine reported credits for air conditioning systems with low refrigerant leakage technology (20.8 million metric tons). One manufacturer provided details describing early off-cycle credits (5,632 metric tons).

This report summarizes and explains the credits reported by each manufacturer in the 2009-2011 model years, as well as explaining the options for earning and using early credits. This report is also intended to be used as a reference for users of the early credits data, which we are making available in formats appropriate for importing into spreadsheets or database applications.[5] EPA is neither making any assumptions regarding the potential disposition of these 209 million metric tons of early GHG credits nor attempting to speculate at this time on how manufacturers will choose to use these accumulated early credits over the applicable credit lifetimes. However, we believe that most manufacturers will be taking a long-term view by using their accumulated credits judiciously to plan a smooth pathway to the increasingly stringent GHG emission standards in the future. Table 1 shows the total early credits reported by the industry, broken down by the type of credit.

A comprehensive description of the EPA GHG program is beyond the scope of this document, thus readers should consult the regulatory announcements and associated technical documents for a detailed description of the program. See http://www.epa.gov/otaq/climate/regs-light-duty.htm.

TABLE 1. TOTAL REPORTED EARLY CREDITS, BY TYPE OF CREDIT

Credit Type	Credits (Mg)	Percent of Total (%)
Fleet Average	180.179.993	86.15
A/C Leakage	20,834,078	9.96
A/C Efficiency	8,136,185	3.89
Off-Cycle	5,632	0.00
Total	209,155,888	100.00

[5] This report and the data upon which it is based can be found and downloaded at http://www.epa.gov/otaq/regs/ld-hwy/greenhouse/ld-ghg.htm.

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I. Introduction

A. Why are we releasing this information?

EPA is releasing this report as part of our commitment to provide the public with transparent and timely information about manufacturers' compliance with the GHG program. In the two EPA regulations that established the greenhouse gas emissions standards for light-duty vehicles, we committed to making certain information public regarding the compliance of automobile manufacturers with the program. At the same time, we committed to maintaining our practice of strongly safeguarding confidential business information, as required by regulation.[6]

When we issued the proposed rule for the 2012-2016 model year standards, we received considerable comment about the need for transparency regarding implementation of the program, and specifically, regarding our compliance determinations.[7] Many comments emphasized the importance of making greenhouse gas compliance information publicly available to ensure such transparency. In the preamble to the final regulation, we noted that our public release of data could include "…GHG performance and compliance trends information, such as annual status of credit balances or debits, use of various credit programs, attained fleet average emission levels compared with standards, and final compliance status for a model year after credit reconciliation occurs." We further noted that we would "…reassess data release needs and opportunities once the program is underway."[8]

As was the case with the 2012-2016 model year rule, the proposal for 2017-2025 model year GHG standards received a number of comments again stressing the need for transparency in the implementation of the GHG standards.[9] Our response in the final rule indicated our continued commitment to the principle of transparency and to disseminating as much information as we are reasonably, practically, and legally able to provide. [10] We noted that we already release a considerable amount of information regarding fuel economy, emissions, and vehicle characteristics for each vehicle model. For example, starting with the 2013 model year, the downloadable data available at www.fueleconomy.gov includes CO_2 emission values for each vehicle model. In addition, actual test results are released by EPA at http://www.epa.gov/otaq/tcldata.htm. We also stated our commitment to further expanding the information we release regarding GHG program compliance, noting in the preamble to the model year 2017-2025 final rule that "…EPA intends to publish the applicable fleet average standards (for cars and for trucks) and the actual fleet performance for each manufacturer, and the resulting credits or debits." Further, we stated that we anticipate publishing "…the amount of credits generated by each manufacturer (separately for each of the car and truck fleets) under the optional credit programs, and the associated volumes of vehicles to which those credits apply."

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[6] See 40 CFR Part 2, Subpart B, Confidentiality of Business Information.

[7] Proposed Rulemaking to Establish Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standards, Proposed Rule, Federal Register 74 (28 September 2009): 49454-49789.

[8] Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standards, Final Rule, Federal Register 75 (7 May 2010): 25469.

[9] 2017 and Later Model Year Light-Duty Vehicle Greenhouse Gas Emissions and Corporate Average Fuel Economy Standards, Proposed Rule, Federal Register 76 (1 December 2011): 74854-75420.

[10] 2017 and Later Model Year Light-Duty Vehicle Greenhouse Gas Emissions and Corporate Average Fuel Economy Standards, Final Rule, Federal Register 77 (15 October 2012): 62889.

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We also suggested that we would likely publish credit transactions, as well as the overall credit or debit balance for each manufacturer after taking into account the credit and debit carry-forward provisions and any credit transactions.

Finally, we noted in the model year 2017-2025 final rule preamble that our first public release would likely be a summary of the 2009-2011 early credits reported by manufacturers. Subsequent reports will likely be more comprehensive because all manufacturers are required to submit data and compliance requirements begin to take effect. We expect that our data publication will evolve over time, as the program progresses and as we gather feedback about our reporting from stakeholders, and as our data systems and those of manufacturers make necessary adaptations to the new requirements. Manufacturers must submit final compliance reports regarding the 2012 model year in March of 2013. Later in 2013, after we complete a thorough review of the documentation and calculations received from manufacturers, we expect to publish data for the 2012 model year.

B. What data are we publishing?

The EPA GHG program, which requires compliance with progressively more stringent GHG standards starting with the 2012 model year and concluding with the 2025 model year, includes certain flexibilities designed to provide sufficient lead time for manufacturers to make technological improvements and to reduce the overall cost of the program, without compromising overall environmental objectives. One of these flexibilities is an optional program that allowed manufacturers with superior greenhouse gas emission reduction performance to generate credits in the 2009-2011 model years, prior to the 2012 model year (the "early credits program"). Because this is an optional program, without any compliance implications in these early model years, only those manufacturers who achieved emissions performance beyond that required by existing California or CAFE standards chose to provide data; thus the data does not include information for all manufacturers. The first opportunity to review data from all manufacturers will be later in the 2013 calendar year, when we receive compliance reports for the 2012 model year. While there are factors that could lead to revisions to the early credits data (e.g., future credit transactions between manufacturers), the data presented in this report is believed to be stable as of the date of publication. Any changes, should they occur, will be reflected in updates to the downloadable data and in subsequent EPA reports.

This report will give a broad overview of the optional early credits program to facilitate an understanding of the early credits data that we are releasing. However, the early credits program is complex, with many regulatory nuances, and readers are encouraged to consult the regulations for detailed and specific information.[11]

Early credits may be earned through fleet average CO_2 reductions, improvements to air conditioning systems that reduce refrigerant leakage or improve system efficiency, off-cycle credits for the implementation of technologies that reduce CO_2 emissions over driving conditions not captured by the test procedures used to show compliance with the CO_2 standards, and introduction of advanced technology vehicles (i.e., electric, fuel cell, and plug-in hybrid electric

[11] See 40 CFR 86.1871-12.

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vehicles). The most complex aspect of the optional early credits program is the multiplicity of "pathways" that a manufacturer may select to earn credits based on their corporate fleet average tailpipe CO_2 emissions performance. The program has four pathways that provide opportunities for early credit generation through over-compliance with a fleet average CO_2 level specified by EPA in the regulations. Since EPA's GHG standards do not begin until model year 2012, EPA established fleet average thresholds below which manufacturers could generate early fleet average credits. Manufacturers wishing to earn early credits must select one of these four pathways, and the selected pathway must be followed for the three model years of 2009-2011. For two of the pathways, the emission levels below which credits are available are equivalent to the GHG standards established by California prior to the adoption of the EPA GHG program. Two additional pathways include credits based on over-compliance with CO_2 levels equivalent to the CAFE standards in states that did not adopt the California GHG standards. These four pathways are described in more detail in section II.[12]

C. How many early credits were reported?

Table 2 summarizes the credits (or deficits) reported by manufacturers in each of the three model years for each participating manufacturer. Credits are expressed in units of metric tons, or Megagrams (Mg). The early credits program requires that participating manufacturers determine fleet average credits for each of the three model years under their selected pathway, and that they may carry forward their net credits from the three early years to apply to compliance with EPA's GHG standards. Thus, even manufacturers with a deficit in one or more of the early model years, (i.e., their fleet average performance was worse than the applicable emissions threshold under the selected pathway) could benefit from the early credits program if their net credits over the three years is a positive value. Manufacturers not listed in Table 1 have thus far elected not to participate in the early credits program. Due to the ongoing investigation of the emissions and fuel economy testing methods of Hyundai and Kia, the outcome of which could impact the credits accrued by these companies, credit values for Hyundai and Kia are not being reported. They will appear in future reports after the conclusion of the investigation.

[12] The California GHG standards and CAFE MPG standards included provisions for model years 2009-2011 allowing credits to be carried forward to later model years. By adopting early credit provisions under the GHG program, EPA maintained some level of consistency with these pre-existing programs.

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TABLE 2. EARLY GHG CREDITS REPORTED BY MODEL YEAR AND MANUFACTURER (MG)

Manufacturer	Model Year			Total
	2009	2010	2011	
BMW	409,854	280,450	194,599	884,903
Chrysler	5,583,013	4,337,613	(2,129,654)	7,790,972
Daimler	96,467	124,120	157,685	378,272
Ford	8,252,113	7,093,702	(49,379)	15,296,436
GM	13,009,374	11,073,134	493,068	24,575,576
Honda	14,073,890	14,070,290	7,370,928	35,515,108
Mazda	1,405,721	3,201,708	875,213	5,482,642
Mitsubishi	625,166	521,776	302,394	1,449,336
Nissan	10,496,712	5,781,739	1,852,749	18,131,200
Subaru	1,620,769	2,225,296	1,909,106	5,755,171
Suzuki	448,408	329,382	98,860	876,650
Tesla		35,580	14,192	49,772
Toyota	31,325,738	34,457,797	20,322,300	86,105,835
Volkswagen	2,243,205	2,811,663	1,386,537	6,441,405
Volvo	119,583	237,398	65,629	422,610
Industry Total	89,710,013	86,581,648	32,864,227	209,155,888

D. How can these credits be used?

The ability to earn and bank credits, including early credits, is a fundamental aspect of the program design intended to assist manufacturers in meeting the 2012-2016 model year standards, as well as to aid in the transition to the progressively more stringent standards in the 2017-2025 model years. In establishing the early credits program, EPA wanted to maintain consistency with the ability to generate and carry forward credits under both the CAFE standards and the California standards for the 2009-2011 model years. These credits represent surplus emission reductions that manufacturers achieved in addition to those required by law under either the California or CAFE standards. The early credits program gives manufacturers additional flexibility to transition into the 2012 and later GHG standards with a bank of credits available. Credit banking, as well as emissions averaging and credit trading (collectively termed Averaging, Banking, and Trading, or "ABT") have been an important part of many mobile source programs under the Clean Air Act. These programs help manufacturers in planning and implementing the orderly phase-in of emissions control technology in their production, consistent with their typical redesign schedules. These provisions are an integral part of the standard-setting itself, and not just an add-on to help reduce costs. In many cases, ABT programs address issues of cost or technical feasibility which might otherwise arise, allowing EPA to set a standard that is more stringent than could be achieved without the flexibility provided by ABT programs. We believe that the net effect of the ABT provisions, including the early credits,

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allows additional flexibility, encourages earlier penetration of emission reduction technologies than might otherwise occur, and does so without reducing the overall effectiveness of the program.

Credits (or deficits) are calculated separately for cars and trucks. If a manufacturer has a net deficit in either the car or truck category, existing credits must be applied towards that deficit. Although a deficit may be carried forward up to three years, under no circumstances is a manufacturer allowed to carry forward a deficit if they have credits available with which to offset the deficit. If credits remain after addressing any deficits, those credits may be "banked" for use in a future year, or sold or otherwise transferred to another manufacturer. Credits earned in the 2010 through 2016 model years may be carried forward and used through the 2021 model year. Credits from the 2009 model year and 2017 and later model years may only be carried forward for five years. Thus, any early credits from the 2009 model year that remain after the 2014 model year will expire. In addition, credits from the 2009 model year may only be used within a manufacturer's fleet, and may not be traded to another manufacturer. These restrictions for the 2009 model year were established based on concerns that such credits might provide a "windfall" since the California light truck standards are less stringent than the comparable CAFE standards in effect for that model year.

At this point it is difficult to make any assumptions regarding the disposition of these 209 million tons of reported early GHG credits. One could create any number of hypothetical scenarios that show these credits being used in a variety of ways (e.g., across the industry, within a single company, across all model years of the program, within a single model year, within or between car and truck fleets, etc.). EPA is not attempting to speculate at this time on how manufacturers will choose to use these reported credits over the applicable credit lifetimes. However, we continue to believe that most manufacturers will be taking a long-term view of the increasingly stringent standards in the future and will use their accumulated credits judiciously to plan a smooth pathway to the low emissions required through the 2025 model year. We do not expect manufacturers to use these credits injudiciously, e.g., to make short-term adjustments to shift their fleet to less efficient vehicles or to broadly delay the introduction of technologies, as doing so could jeopardize long-term compliance and increase the risk of facing future enforcement actions. We plan to make data on the use of credits, including credit trades among manufacturers, available in future credit reports.

However, one easy translation to make is to determine what a given exceedance of an emission standard "costs" in terms of tons of credits. The calculation of fleet average credits (described in more detail in the next section) is the same for cars and trucks with the exception that the expected lifetime mileage (vehicle miles traveled, or VMT) differs between cars and trucks. Because trucks are assumed to have a greater lifetime VMT (225,865 miles) than cars (195,264 miles), a given gram per mile of "non-compliance" in a truck fleet will require more credits (in tons) to offset. Given these VMT differences, one car that is one gram per mile above the standard will cost 0.195 metric tons of credits to offset, and similarly, for a single truck that is one gram non-compliant the cost is 0.226 metric tons. For rough calculations, however, it makes sense to assume that for cars and trucks, one gram per mile costs about 0.2 metric tons to offset (or 5 grams per mile non-compliance costs about 1 metric ton). For example, a manufacturer with a fleet average that is 5 grams/mile above its fleet average standard and that produced 1

million vehicles in that model year will need about one million metric tons of credit to offset the deficit created by the noncompliant fleet.

II. Credits Based on Early Fleet Average CO_2 Reductions

Fleet average GHG credits are based on the difference between the applicable emission standard and the actual fleet performance (in grams per mile), the expected lifetime miles (vehicle miles traveled, or VMT) of a vehicle, and the total vehicle production volume. The VMT used in this calculation for passenger cars is 195,264 miles, and for trucks is 225,865 miles. The equation that generates the metric tons (or Megagrams, Mg) of credits for a given fleet is as follows:

$$Credits\ (metric\ tons) = \frac{(Standard - Fleet\ Average) \times VMT \times Production\ Volume}{1{,}000{,}000}$$

As described earlier, there are four distinct pathways that manufacturers may select from to earn early fleet average credits, two of which base credits on the effective California standards, and the remaining two which include credits based on compliance with the CAFE standards in states that have not adopted the California standards. Table 3 summarizes the credits reported by manufacturers under each of the four available pathways. Because these pathways imply slightly different data and information reporting, we are summarizing the fleet average credits separately according to the selected pathway. Readers should refer to the Appendix and to the downloadable data for the complete detailed values underlying the fleet average credits, such as the applicable emission credit threshold levels and the manufacturer's reported fleet average performance. Manufacturers reported a total of 180,179,993 metric tons of CO_2, or 86% of all the early reported credits, based on fleet average CO_2 emission reductions (see Table 1). Because these manufacturers were known to be outperforming either the California or CAFE standards in the 2009-2011 model years, EPA anticipated that these manufacturers would generate early credits, and, in some cases, substantial numbers of credits. Although the fleet targets under each pathway differ slightly, note that they increase in stringency rapidly. See, for example, Table 4, which shows a reduction in the fleet targets of 56 grams/mile for cars and 49 grams/mile for trucks from 2009 to 2011. Most manufacturers exhibit a substantial drop in credit accumulation from 2009 to 2011 (in some cases transitioning to generating a deficit rather than credits), indicating that the technological progress of these manufacturers, over these model years, was being outpaced by the stringency of the emission targets. We expect that this trend will continue for several model years, and that these companies will use the early credits as they bring new technologies on line to meet the tight emission standards of future model years. For those companies with the greatest number of credits, the concerns regarding the potential for "windfall" credits from the 2009 model year are mitigated by the fact that those credits will likely expire before those companies can make use of them (and no other company may benefit, because those credits may not be traded).

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TABLE 3. REPORTED EARLY FLEET AVERAGE CREDITS, BY EARLY CREDIT PATHWAY

Pathway	Credits (Mg)	Percent of Total (%)
1	134,258,207	74.51
2	0	0.00
3	45,547,983	25.28
4	373,803	0.21
Total	180,179,993	100.00

A. Credits Reported By Manufacturers Using Pathway 1

Pathway 1 requires that credits be measured over the manufacturer's nationwide fleet, with credits based on fleet performance relative to the California standards in effect at the time. The California standards effective in the 2009-2011 model years are not based on footprint, but are "flat" universal standards that all manufacturers were required to meet. Also note that under this pathway the vehicle categories subject to the thresholds in Table 4 are those defined in the California regulations. These categories are subtly different from those used in the EPA GHG program in the 2012 and later model years; readers should refer to the California and EPA GHG program regulations for the precise definitions.[13]

The ten manufacturers selecting Pathway 1 reported generating credits against the California-equivalent emission standards shown in Table 4.

[13] For EPA definitions, see the Code of Federal Regulations, 40 CFR 86.1803-01. For California definitions, see the California Code of Regulations, 13 CCR 1900.

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TABLE 4. CALIFORNIA EQUIVALENT EMISSION STANDARDS BY MODEL YEAR AND VEHICLE CATEGORY (GRAMS/MILE)

Model year	Passenger cars and light trucks with LVW[1] of 0–3,750 lbs	Light trucks with LVW[1] >3,750 lbs and a GVWR[2] up to 8,500 lbs, and MDPVs[3]
2009	323	439
2010	301	420
2011	267	390

[1] LVW is "loaded vehicle weight," defined by regulation as the measured curb weight of the vehicle plus 300 lbs.

[2] GVWR is "gross vehicle weight rating," which is the maximum load capacity specified by the manufacturer.

[3] MDPV is "medium-duty passenger vehicle," a category that covers passenger vehicles from 8,500-10,000 lbs GVWR (i.e., sport utility vehicles and vans).

Table 5 shows the early fleet average credits reported by manufacturers using Pathway 1. As can be seen, all of these manufacturers reported net credits over the three model years (this is by definition; if they could not earn net credits under this pathway they would either select a different pathway or not participate in the early credits program), despite some reporting a deficit in some model years and vehicle categories. Note that because of concerns expressed by some stakeholders during the regulatory process that there may be a potential for a large number of credits under Pathway 1 in the 2009 model year, the regulations included two restrictions. First, 2009 model year credits earned under this pathway may not be sold to another manufacturer, and second, these credits may be carried forward only five years, to the 2014 model year, after which they expire. As noted earlier, credits from 2010 and 2011 may be carried forward to the 2021 model year.

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TABLE 5. EARLY FLEET AVERAGE CREDITS REPORTED BY MANUFACTURERS USING PATHWAY 1

		Model Year					
		2009		2010		2011	
Manufacturer	Fleet	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)
Chrysler	Car	287,364	224,447	430,110	(1,259,775)	335,790	(2,753,843)
	Truck	528,286	4,414,889	729,662	4,284,933	739,487	(1,002,145)
Ford	Car	508,727	2,384,066	856,065	2,005,904	792,654	(2,476,429)
	Truck	504,921	4,789,847	965,968	3,054,497	873,635	591,971
GM	Car	1,048,593	5,733,069	857,825	502,507	1,006,900	(5,701,728)
	Truck	844,892	4,961,620	932,358	8,002,308	1,419,043	2,564,097
Nissan	Car	605,439	6,502,124	617,548	4,220,471	666,660	781,048
	Truck	234,883	3,554,474	236,588	1,122,176	299,074	540,403
Subaru	Car	156,871	459,469	183,763	71,765	176,923	(967,307)
	Truck	43,945	1,161,300	74,489	2,153,531	129,950	2,876,413
Suzuki	Car	24,859	232,995	20,212	165,760	19,390	18,931
	Truck	10,146	215,413	8,728	163,622	7,864	79,929
Tesla	Car			599	35,206	269	14,024
Toyota	Car	1,273,815	19,400,957	1,412,172	20,129,484	1,140,255	5,343,618
	Truck	482,202	10,237,780	793,226	12,003,853	834,019	12,997,923
Volvo	Car	31,618	37,043	23,529	(73,510)	24,846	(160,100)
	Truck	11,420	82,540	34,413	310,908	27,761	225,729
Total		6,597,981	64,392,033	8,177,255	56,893,640	8,494,520	12,972,534

B. Credits Reported By Manufacturers Using Pathway 2

Pathway 2 is identical to Pathway 1 with the exception that the credits are calculated not for a nationwide fleet, but for the manufacturer's fleet only in California and the states that have adopted the California standards under Section 177 of the Clean Air Act (these states are referred to as the "Section 177 states").[14] Pathway 2 was not used by any manufacturer, presumably because manufacturers that were able to meet the California standards in California and the Section 177 states found that they could also earn credits in the remainder of the states. In other words, no manufacturer found an advantage to excluding the states outside California and the Section 177 states from their credit calculations.

[14] As of the date the regulation was finalized, there were thirteen states that had adopted the California greenhouse gas emission standards: Arizona, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont, Washington, and Washington, DC.

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C. Credits Reported By Manufacturers Using Pathway 3

Pathway 3 allows manufacturers to earn credits as under Pathway 2 (the California standards applied to the fleet of vehicles in California and the Section 177 states), plus additional credits that may be earned in the remaining states against threshold levels that are based on a translation of the CAFE MPG standards to GHG grams per mile threshold levels. The emission threshold levels used for generating credits in the states outside California and the Section 177 states under Pathway 3 are shown in Table 6 below.

TABLE 6. CAFE-EQUIVALENT EMISSION STANDARDS BY MODEL YEAR AND VEHICLE CATEGORY (GRAMS/MILE)

Model year	Passenger Automobiles	Light Trucks
2009	323	381*
2010	323	376*
2011	Footprint-based standard	Footprint-based standard

*Manufacturers that optionally used a footprint-based standard must use that standard.

These threshold levels are based on the CAFE standards that were in effect in the 2009-2011 model years. In the 2009 and 2010 model years manufacturers could optionally calculate a manufacturer-specific CAFE standard for their light truck fleet, and starting in the 2011 model year, footprint-based CAFE standards became mandatory both for cars and trucks. Thus, for the purposes of generating early light truck credits, manufacturers using the footprint-based option in the 2009 and 2010 model years must determine a manufacturer-specific, footprint-based CO_2 threshold level to use in lieu of the numerical values shown in the table above. In the 2011 model year the early credits must be generated using a footprint-based CO_2 threshold level. The specific emission levels actually used and reported by each manufacturer are included in the detailed table in the Appendix and in the downloadable data. Credits are generated under this pathway using the car and truck definitions that apply to the CAFE program that are in place for the model year in which credits are being generated. This adds an additional layer of complexity for two reasons: (1) these definitions were revised by NHTSA such that they change starting in the 2011 model year, and (2) medium-duty passenger vehicles (MDPVs) are not part of the CAFE program until the 2011 model year, and therefore are not part of the early credits calculations for 2009 and 2010 under Pathway 3.

Table 7 shows the credits reported by the five manufacturers that used Pathway 3. The credits are shown for each vehicle category within each of the separate regions required under this pathway. The credits reported in the 2009 model year are subject to the same restrictions as under Pathway 1, i.e., they may not be sold and they have a limited life relative to the 2010 and 2011 credits.

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TABLE 7. EARLY FLEET AVERAGE CREDITS REPORTED BY MANUFACTURERS USING PATHWAY 3

			Model Year					
			2009		2010		2011	
Manufacturer	Region	Fleet	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)
Honda	NC	Car	433,183	5,582,613	414,562	5,828,330	317,065	2,290,721
		Truck	232,149	2,202,242	290,216	3,080,833	280,042	569,265
	CA/177	Car	388,318	4,321,998	429,692	3,272,232	247,437	821,364
		Truck	89,079	1,327,909	95,106	1,159,980	244,121	3,032,611
Mazda	NC	Car	61,283	514,554	133,292	1,561,628	112,883	506,966
		Truck	35,084	412,061	64,558	685,325	18,435	(49,966)
	CA/177	Car	40,884	335,293	86,948	611,201	59,856	128,565
		Truck	10,612	143,813	25,351	343,554	25,145	289,648
Mitsubishi	NC	Car	60,347	341,724	30,144	270,758	49,447	212,415
		Truck	8,573	114,244	14,832	177,552	15,159	34,239
	CA/177	Car	23,293	150,093	15,733	39,937	25,408	0
		Truck	872	19,105	2,699	33,529	7,712	55,740
Volkswagen	NC	Car	139,498	898,885	143,295	1,371,037	151,373	650,269
		Truck	21,078	85,694	23,488	106,102	35,176	79,450
	CA/177	Car	118,411	693,642	134,231	629,052	121,114	(141,895)
		Truck	13,295	171,164	19,350	257,859	25,667	324,648
Grand Total			1,675,959	17,315,034	1,923,497	19,428,909	1,736,040	8,804,040

Notes: CA/177 = The region comprised of California and the Section 177 states. NC = The region comprised of the states outside California and the Section 177 states.

D. Credits Reported By Manufacturers Using Pathway 4

Pathway 4, which was used by only one manufacturer, is for manufacturers choosing to forego California-based credits entirely and earn only CAFE-based credits outside California and the Section 177 states. Credits are earned under this pathway against the thresholds described in Table 6 and the previous section. Table 8 shows the early credits reported by BMW, the sole manufacturer that chose to use Pathway 4.

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TABLE 8. EARLY FLEET AVERAGE CREDITS REPORTED BY MANUFACTURERS USING PATHWAY 4

		Model Year					
		2009		2010		2011	
Manufacturer	Fleet	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)
BMW	Car	95,270	316,248	72,225	197,441	153,966	(30,064)
	Truck	16,978	(49,852)	13,612	(24,596)	31,323	(35,374)
Total		112,248	266,396	85,837	172,845	185,289	(65,438)

III. Credits Based on Improvements to Air Conditioning Systems

Over 95% of the new cars and light trucks in the United States are equipped with air conditioning (A/C) systems. There are two mechanisms by which A/C systems contribute to the emissions of greenhouse gases: through leakage of hydrofluorocarbon refrigerants into the atmosphere (sometimes called "direct emissions") and through the consumption of fuel to provide mechanical power to the A/C system (sometimes called "indirect emissions"). The high global warming potential of the current automotive refrigerant means that leakage of a small amount of refrigerant will have a far greater global warming impact than emissions of a similar amount of CO_2. Refrigerant leakage can be reduced significantly by systems that incorporate leak-tight components, or, ultimately, by using a refrigerant with a lower global warming potential. The A/C system also contributes to increased tailpipe CO_2 emissions through the additional work required to operate the compressor, fans, and blowers. This additional power demand is ultimately met by using additional fuel, which is converted into CO_2 by the engine during combustion and exhausted through the tailpipe. These emissions can be reduced by increasing the overall efficiency of an A/C system, thus reducing the additional load on the engine from A/C operation, which in turn means a reduction in fuel consumption and a commensurate reduction in GHG emissions.

Manufacturers may generate and use credits for improved A/C systems in complying with the CO_2 fleet average standards taking effect in the 2012 model year (or otherwise to be able to bank or trade the credits). These provisions may be used in the 2009-2011 model years to generate early credits, prior to the 2012 model year. We expect that most manufacturers will choose to use the A/C credit provisions as part of their compliance demonstration. Ten manufacturers were able to claim credits for A/C systems that either reduce refrigerant leakage or reduce GHG exhaust emissions. Although the quantity of A/C credits is small relative to the fleet average credits reported by manufacturers, EPA is encouraged by the use of these credit provisions and takes it as an indication that manufacturers are exploring a full range of options for reducing GHG emissions. The A/C provisions are structured as credits, unlike the CO_2 standards for which manufacturers will demonstrate compliance using the EPA test procedures. Those tests do not measure either A/C refrigerant leakage or the increase in tailpipe CO_2 emissions attributable to the additional engine load of A/C systems. Because it is optional to include A/C-related GHG emission reductions as an input to a manufacturer's compliance demonstration, the A/C provisions are viewed as an additional program that credits manufacturers for implementing A/C

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technologies that result in real-world reductions in GHG emissions. A summary of the air conditioning credits reported by the industry is shown in Table 9.

TABLE 9. REPORTED EARLY AIR CONDITIONING CREDITS, BY TYPE AND MODEL YEAR (MG)

Type	2009	2010	2011	Grand Total
A/C Efficiency	2,036,470	2,695,786	3,403,929	8,136,185
A/C Leakage	5,696,751	7,389,503	7,747,824	20,834,078
Total	7,733,221	10,085,289	11,151,753	28,970,263

A. Reported Credits From Reduced A/C Refrigerant Leakage

A manufacturer choosing to generate A/C leakage credits with a specific A/C system is required to calculate a leakage "score" for the A/C system. This score is based on the number, quality, and technology of the components, fittings, seals, and hoses of the A/C system. This score, which is determined in grams per year, is calculated using the procedures specified by the Society of Automotive Engineers Surface Vehicle Standard J2727. It is subsequently converted to a grams/mile credit value for consistency with the units of GHG exhaust emissions. The grams/mile value is used to calculate the total tons of credits attributable to an A/C system by accounting for the global warming potential (GWP) of the refrigerant, the VMT of the vehicle class (car or truck), and the production volume of the A/C system. Note that while A/C leakage credits can also be based on transitioning to systems that use refrigerants with a lower GWP, the use of the conventional hydrofluorocarbon refrigerant (HFC-R134a) was universal in the model years covered by these early credits. Thus, these credits are based entirely on improvements to the physical systems that contain and move the refrigerant through the A/C system.

Nine manufacturers participated in the early A/C credits program based on reducing refrigerant leakage, as shown in Table 10. These manufacturers reported a total of 20,834,078 metric tons of CO_2 credits over the three model years, or about 10% of the total early credits reported by the industry (see Tables 1 and 9).

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TABLE 10. EARLY CREDITS REPORTED EARNED FROM LOW-LEAK AIR CONDITIONING SYSTEMS

		Model Year					
		2009		2010		2011	
Manufacturer	Fleet	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)
BMW	Car	95,270	47,490	72,225	34,939	153,966	80,174
	Truck	16,978	17,334	13,612	13,670	31,323	35,952
Chrysler	Car	287,364	237,143	430,110	352,786	335,790	340,299
	Truck	528,286	551,632	729,662	740,466	739,487	843,506
Daimler	Car	57,812	31,408	59,736	30,856	71,711	41,110
	Truck	20,035	18,297	33,642	32,334	33,670	16,851
Ford	Car	421,306	247,818	713,574	387,819	832,559	476,473
	Truck	553,174	830,382	1,085,059	1,623,677	833,730	1,279,698
GM	Car	954,239	792,488	786,528	716,959	658,994	1,340,422
	Truck	729,189	1,393,043	644,464	1,487,242	1,089,891	1,648,173
Honda	Car	802,442	246,771	836,304	277,048	563,002	142,831
	Truck	321,228	176,484	385,322	226,311	524,163	283,673
Nissan	Car	143,263	20,466	167,243	16,755	248,209	44,656
	Truck	220,896	100,005	214,294	109,905	251,623	135,259
Toyota	Car	1,264,617	507,913	1,402,166	583,900	1,090,293	532,137
	Truck	363,547	343,961	648,233	598,764	814,743	343,787
Volkswagen	Car	266,152	110,126	284,037	120,055	268,550	109,887
	Truck	26,130	23,990	36,327	36,017	64,780	52,936
Grand Total		7,071,928	5,696,751	8,542,538	7,389,503	8,606,484	7,747,824

B. Reported Credits From Improved A/C System Efficiency

Manufacturers that make improvements in their air conditioning systems to increase efficiency, and thus reduce CO_2 emissions due to air conditioning system operation, may be eligible for air conditioning efficiency credits. Most of the additional load on the engine from air conditioning systems comes from the compressor, which pumps the refrigerant around the system loop. A significant additional load on the engine may also come from electric or hydraulic fans, which are used to move air across the condenser, and from the electric blower, which is used to move air across the evaporator and into the cabin. Manufacturers have several currently-existing technology options for improving efficiency, including more efficient compressors, fans, and motors, and system controls that avoid over-chilling the air (and subsequently re-heating it to provide the desired air temperature with an associated loss of efficiency). For vehicles equipped with automatic climate-control systems, real-time adjustment of several aspects of the overall system (such as engaging the full capacity of the cooling system only when it is needed, and

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maximizing the use of recirculated air) can result in improved efficiency. The regulations provide manufacturers with a "menu" of technologies and associated credit values (in grams/mile of CO_2). The total tons of credits are then based on the total volume of vehicles in a model year using these technologies.

Ten manufacturers used the provisions that allow early credits based on improvements to the overall efficiency of the A/C system, as shown in Table 11. These manufacturers reported a total of 8,136,185 metric tons of CO_2 credits over the three model years, or almost 4% of the total early credits reported by the industry (see Tables 1 and 9).

TABLE 11. EARLY CREDITS REPORTED EARNED BY IMPROVING THE EFFICIENCY OF AIR CONDITIONING SYSTEMS

		Model Year					
		2009		2010		2011	
Manufacturer	Fleet	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)
BMW	Car	95,270	62,528	72,225	46,231	153,966	113,483
	Truck	16,978	16,106	13,612	12,765	31,323	30,428
Chrysler	Car	171,522	68,074	258,478	107,553	335,790	118,345
	Truck	435,791	86,828	579,480	111,650	739,487	324,184
Daimler	Car	53,062	30,018	62,638	35,122	69,772	71,586
	Truck	20,035	16,744	33,642	25,808	33,670	28,138
Ford	Car	0	0	34,076	15,304	57,499	14,415
	Truck	0	0	12,516	6,501	464,707	64,493
GM	Car	838,289	113,142	597,220	99,629	542,683	310,606
	Truck	87,771	12,683	620,030	263,524	1,043,792	330,160
Honda	Car	466,518	161,988	481,676	177,222	331,756	119,152
	Truck	140,335	53,885	125,879	48,334	342,934	111,311
Nissan	Car	605,439	225,310	617,548	231,360	666,660	248,584
	Truck	234,883	94,333	236,588	81,072	299,074	102,799
Tesla	Car	0	0	599	374	269	168
Toyota	Car	1,273,815	639,927	1,412,172	768,652	1,140,255	621,412
	Truck	482,160	195,200	793,187	373,144	834,019	483,423
Volkswagen	Car	266,152	231,296	284,037	249,431	268,550	239,277
	Truck	26,130	28,408	36,327	42,110	64,780	71,965
Grand Total		5,214,150	2,036,470	6,271,930	2,695,786	7,420,986	3,403,929

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IV. Credits Based on Off-Cycle Emission Reductions

General Motors requested, and was subsequently granted, off-cycle credits for a technology used on certain gasoline-electric hybrid vehicles. The off-cycle credits reported by General Motors are shown in Table 12. The technology is an auxiliary electric pump which keeps engine coolant circulating in cold weather while the vehicle is stopped and the engine is off. These hybrid vehicles feature engine stop/start capability for improved fuel economy, and as a result the engine can frequently be turned off when the vehicle is stopped, such as at a traffic light. However, during cold weather, a hybrid vehicle without the auxiliary heater pump would need to keep the engine idling during the stop periods solely to maintain coolant flow to the heater to maintain a comfortable temperature inside the vehicle. This would reduce the fuel economy benefits of the stop/start feature during cold weather, which is an "off-cycle" temperature condition not captured by the greenhouse gas test methods. Note that starting with the 2014 model year, the regulations provide a "menu" of off-cycle technologies and associated credits for each technology. Manufacturers implementing engine idle stop/start technologies may receive off-cycle credits for those technologies, and the addition of an auxiliary heat pump (or system that achieves the same result) to these vehicles will gain additional off-cycle credits. Manufacturers may also seek additional off-cycle credits for technologies not listed on the menu based on data and analyses submitted to EPA for approval.

TABLE 12. EARLY CREDITS REPORTED EARNED BY OFF-CYCLE EMISSION REDUCTIONS

		2009		2010		2011	
Manufacturer	Fleet	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)	Production Volume	Credits (Mg)
GM	Truck	8,671	3,329	2,512	965	3,484	1,338
Grand Total		8,671	3,329	2,512	965	3,484	1,338

V. Early Advanced Technology Vehicle Incentives

The GHG regulations include provisions that provide a temporary regulatory incentive for the commercialization of certain advanced vehicle power trains — electric vehicles (EVs), plug-in hybrid electric vehicles (PHEVs), and fuel cell vehicles (FCVs). The purpose of these provisions is to provide a temporary incentive to promote technologies which have the potential to produce very large GHG reductions in the future, but which face major challenges, such as vehicle cost, consumer acceptance, and the development of low-GHG fuel production infrastructure. These incentives may also be used by manufacturers that introduce these advanced technologies in the 2009-2011 model years.

There are two ways manufacturers can treat advanced technology vehicles that are introduced in the 2009-2011 model years. First, until specific production volume thresholds are reached, the GHG emissions of EVs and FCVs will be considered for compliance purposes to be zero, as will the GHG emissions of PHEVs for the portion of operation that uses electricity from the grid. After those production thresholds are met, these vehicles will be required to account for their net

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"upstream" emissions relative to a conventional gasoline vehicle.[15] We acknowledge, based on current electricity and hydrogen production processes, that EVs, PHEVs, and FCVs yield higher upstream GHG emissions than comparable gasoline vehicles. But we support temporarily rewarding advanced emissions control technologies by foregoing modest emissions reductions in the short term in order to lay the foundation for the potential for much larger emission reductions in the longer term. EVs, PHEVs, and FCVs are potential GHG "game changers" if major cost and consumer barriers can be overcome and if there is a nationwide transformation to low- GHG electricity (or hydrogen, in the case of FCVs). Second, manufacturers have the option of not including these vehicles in their calculation of fleet average credits in the 2009-2011 model years, but instead "deferring" the use of these vehicles and their associated compliance values to the 2012 or later model years. Manufacturers using this option must maintain records of the volume of these vehicles and their GHG emission levels and ensure that these vehicles are not included in their fleet average credit calculations using one of the four fleet average credit pathways.

Two manufacturers chose the "deferral" option, electing to not include some 2011 model year advanced technology vehicles in their 2009-2011 fleet average credits. Other manufacturers with advanced technology vehicles chose to include those vehicles in their fleet average credits. Because there is no emission standard that applies to these vehicles until these manufacturers elect to "use" these vehicles in compliance calculations for a future model year, there are no associated tons of credits to report at this time. Thus we are only able to report the volume of these vehicles and the emission values (as reported to us by these two manufacturers) that manufacturers have elected to defer to a future model year in the calculation of a future model year fleet average.

TABLE 13. MODEL YEAR 2011 ADVANCED TECHNOLOGY VEHICLES REPORTED AS DEFERRED TO A FUTURE MODEL YEAR

Manufacturer	Fleet	Production Volume	GHG (g/mi)
Daimler	Car	623	0
GM	Car	4,370	54
Grand Total		4,993	

VI. Conclusion

EPA's GHG program includes a number of flexibilities designed to provide sufficient lead time for manufacturers and to reduce the overall cost of the program, without compromising overall

[15] In this case, "upstream" refers to the emissions associated with the production and distribution of electricity and hydrogen.

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environmental objectives. One of these flexibilities is an optional program that allows manufacturers with superior greenhouse gas emission reduction performance to generate early credits in the 2009-2011 model years. The early credits program provided a valuable incentive for manufacturers that have implemented GHG reducing technologies in excess of either the CAFE or California GHG standards prior to MY 2012. These early credits represent surplus reductions that were not otherwise required by law, and will allow manufacturers to transition to the increasingly stringent GHG standards. EPA's early credits program is also an important example of how the GHG and CAFE programs were aligned to achieve a coordinated National Program.[16]

EPA is providing this report as part of our commitment to provide the public with timely, transparent information about the implementation of the light-duty GHG standards program. This report summarizes the credits reported by each manufacturer in the 2009-2011 model years and explains the options for earning and using early credits. Manufacturers that chose to participate in the early credits program submitted documentation in early 2012, as required under the regulations. Seventeen manufacturers chose to take advantage of one or more elements of the early credits program, reporting some 209 million metric tons of CO_2 credits over the three model years covered by the program.

This report is also intended to be used as a reference for users of the early credits data, which we are making available in formats appropriate for importing into spreadsheets or database applications. EPA is neither making any assumptions regarding the potential disposition of these early GHG credits nor attempting to speculate at this time on how manufacturers will choose to use these accumulated early credits over the applicable credit lifetimes. However, we believe that most manufacturers will be taking a long-term view by using their accumulated credits judiciously to plan a smooth pathway to the increasingly stringent GHG emission standards in the future.

[16] Under the CAFE program, manufacturers that have been outperforming the CAFE standards in the same time period will be approaching the increasingly stringent CAFE standards with a bank of credits accumulated in the same model years as the early GHG credits program.

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APPENDIX I – REPORTED CREDITS BASED ON EARLY FLEET AVERAGE CO_2 REDUCTIONS

Manufacturer	Pathway	Model Year	Region	Fleet	Fleet Threshold (g/mi)	Fleet Average (g/mi)	Vehicle Production (# units)	Fleet Average Credits (Mg)
BMW	4	2009	NC	Car	323	306	95,270	316,248
				Truck	381	394	16,978	(49,852)
		2010	NC	Car	323	309	72,225	197,441
				Truck	376	384	13,612	(24,596)
		2011	NC	Car	302	303	153,966	(30,064)
				Truck	351	356	31,323	(35,374)
BMW Total							383,374	373,803
Chrysler	1	2009	US	Car	323	319	287,364	224,447
				Truck	439	402	528,286	4,414,889
		2010	US	Car	301	316	430,110	(1,259,775)
				Truck	420	394	729,662	4,284,933
		2011	US	Car	267	309	335,790	(2,753,843)
				Truck	390	396	739,487	(1,002,145)
Chrysler Total							3,050,699	3,908,506
Ford	1	2009	US	Car	323	299	508,727	2,384,066
				Truck	439	397	504,921	4,789,847
		2010	US	Car	301	289	856,065	2,005,904
				Truck	420	406	965,968	3,054,497
		2011	US	Car	267	283	792,654	(2,476,429)
				Truck	390	387	873,635	591,971
Ford Total							4,501,970	10,349,856
GM	1	2009	US	Car	323	295	1,048,593	5,733,069
				Truck	439	413	844,892	4,961,620
		2010	US	Car	301	298	857,825	502,507
				Truck	420	382	932,358	8,002,308
		2011	US	Car	267	296	1,006,900	(5,701,728)
				Truck	390	382	1,419,043	2,564,097
GM Total							6,109,611	16,061,873
Honda	3	2009	NC	Car	323	257	433,183	5,582,613
				Truck	381	339	232,149	2,202,242
			CA	Car	323	266	388,318	4,321,998
				Truck	439	373	89,079	1,327,909
		2010	NC	Car	323	251	414,562	5,828,330
				Truck	376	329	290,216	3,080,833
			CA	Car	301	262	429,692	3,272,232
				Truck	420	366	95,106	1,159,980

Manufacturer	Pathway	Model Year	Region	Fleet	Fleet Threshold (g/mi)	Fleet Average (g/mi)	Vehicle Production (# units)	Fleet Average Credits (Mg)
		2011	NC	Car	290	253	317,065	2,290,721
				Truck	347	338	280,042	569,265
			CA	Car	267	250	247,437	821,364
				Truck	390	335	244,121	3,032,611
Honda Total							3,460,970	33,490,098
Mazda	3	2009	NC	Car	323	280	61,283	514,554
				Truck	381	329	35,084	412,061
			CA	Car	323	281	40,884	335,293
				Truck	439	379	10,612	143,813
		2010	NC	Car	323	263	133,292	1,561,628
				Truck	376	329	64,558	685,325
			CA	Car	301	265	86,948	611,201
				Truck	420	360	25,351	343,554
		2011	NC	Car	289	266	112,883	506,966
				Truck	347	359	18,435	(49,966)
			CA	Car	267	256	59,856	128,565
				Truck	390	339	25,145	289,648
Mazda Total							674,331	5,482,642
Mitsubishi	3	2009	NC	Car	323	294	60,347	341,724
				Truck	381	322	8,573	114,244
			CA	Car	323	290	23,293	150,093
				Truck	439	342	872	19,105
		2010	NC	Car	323	277	30,144	270,758
				Truck	376	323	14,832	177,552
			CA	Car	301	288	15,733	39,937
				Truck	420	365	2,699	33,529
		2011	NC	Car	288	266	49,447	212,415
				Truck	335	325	15,159	34,239
			CA	Car	267	267	25,408	0
				Truck	390	358	7,712	55,740
Mitsubishi Total							254,219	1,449,336
Nissan	1	2009	US	Car	323	268	605,439	6,502,124
				Truck	439	372	234,883	3,554,474
		2010	US	Car	301	266	617,548	4,220,471
				Truck	420	399	236,588	1,122,176
		2011	US	Car	267	261	666,660	781,048
				Truck	390	382	299,074	540,403

Manufacturer	Pathway	Model Year	Region	Fleet	Fleet Threshold (g/mi)	Fleet Average (g/mi)	Vehicle Production (# units)	Fleet Average Credits (Mg)
Nissan Total							2,660,192	16,720,696
Subaru	1	2009	US	Car	323	308	156,871	459,469
				Truck	439	322	43,945	1,161,300
		2010	US	Car	301	299	183,763	71,765
				Truck	420	292	74,489	2,153,531
		2011	US	Car	267	295	176,923	(967,307)
				Truck	390	292	129,950	2,876,413
Subaru Total							765,941	5,755,171
Suzuki	1	2009	US	Car	323	275	24,859	232,995
				Truck	439	345	10,146	215,413
		2010	US	Car	301	259	20,212	165,760
				Truck	420	337	8,728	163,622
		2011	US	Car	267	262	19,390	18,931
				Truck	390	345	7,864	79,929
Suzuki Total							91,199	876,650
Tesla	1	2010	US	Car	301	0	599	35,206
		2011	US	Car	267	0	269	14,024
Tesla Total							868	49,230
Toyota	1	2009	US	Car	323	245	1,273,815	19,400,957
				Truck	439	345	482,202	10,237,780
		2010	US	Car	301	228	1,412,172	20,129,484
				Truck	420	353	793,226	12,003,853
		2011	US	Car	267	243	1,140,255	5,343,618
				Truck	390	321	834,019	12,997,923
Toyota Total							5,935,689	80,113,615
Volkswagen	3	2009	NC	Car	323	290	139,498	898,885
				Truck	381	363	21,078	85,694
			CA	Car	323	293	118,411	693,642
				Truck	439	382	13,295	171,164
		2010	NC	Car	323	274	143,295	1,371,037
				Truck	376	356	23,488	106,102
			CA	Car	301	277	134,231	629,052
				Truck	420	361	19,350	257,859
		2011	NC	Car	289	267	151,373	650,269
				Truck	342	332	35,176	79,450
			CA	Car	267	273	121,114	(141,895)
				Truck	390	334	25,667	324,648

Manufacturer	Pathway	Model Year	Region	Fleet	Fleet Threshold (g/mi)	Fleet Average (g/mi)	Vehicle Production (# units)	Fleet Average Credits (Mg)
Volkswagen Total							945,976	5,125,907
Volvo	1	2009	US	Car	323	317	31,618	37,043
				Truck	439	407	11,420	82,540
		2010	US	Car	301	317	23,529	(73,510)
				Truck	420	380	34,413	310,908
		2011	US	Car	267	300	24,846	(160,100)
				Truck	390	354	27,761	225,729
Volvo Total							153,587	422,610

APPENDIX II – SUMMARY OF REPORTED CREDITS BY TYPE AND MODEL YEAR, BY MANUFACTURER

Manufacturer	MY	Fleet	A/C Efficiency	A/C Leakage	Off-Cycle	Fleet Average	Grand Total
BMW	2009	Car	62,528	47,490		316,248	426,266
		Truck	16,106	17,334		-49,852	-16,412
	2010	Car	46,231	34,939		197,441	278,611
		Truck	12,765	13,670		-24,596	1,839
	2011	Car	113,483	80,174		-30,064	163,593
		Truck	30,428	35,952		-35,374	31,006
	Total		281,541	229,559		373,803	884,903
Chrysler	2009	Car	68,074	237,143		224,447	529,664
		Truck	86,828	551,632		4,414,889	5,053,349
	2010	Car	107,553	352,786		-1,259,775	-799,436
		Truck	111,650	740,466		4,284,933	5,137,049
	2011	Car	118,345	340,299		-2,753,843	-2,295,199
		Truck	324,184	843,506		-1,002,145	165,545
	Total		816,634	3,065,832		3,908,506	7,790,972
Daimler	2009	Car	30,018	31,408			61,426
		Truck	16,744	18,297			35,041
	2010	Car	35,122	30,856			65,978
		Truck	25,808	32,334			58,142
	2011	Car	71,586	41,110			112,696
		Truck	28,138	16,851			44,989
	Total		207,416	170,856			378,272
Ford	2009	Car		247,818		2,384,066	2,631,884
		Truck		830,382		4,789,847	5,620,229
	2010	Car	15,304	387,819		2,005,904	2,409,027
		Truck	6,501	1,623,677		3,054,497	4,684,675
	2011	Car	14,415	476,473		-2,476,429	-1,985,541
		Truck	64,493	1,279,698		591,971	1,936,162
	Total		100,713	4,845,867		10,349,856	15,296,436
GM	2009	Car	113,142	792,488		5,733,069	6,638,699
		Truck	12,683	1,393,043	3,329	4,961,620	6,370,675
	2010	Car	99,629	716,959		502,507	1,319,095
		Truck	263,524	1,487,242	965	8,002,308	9,754,039
	2011	Car	310,606	1,340,422		-5,701,728	-4,050,700
		Truck	330,160	1,648,173	1,338	2,564,097	4,543,768
	Total		1,129,744	7,378,327	5,632	16,061,873	24,575,576
Honda	2009	Car	161,988	246,771		9,904,611	10,313,370
		Truck	53,885	176,484		3,530,151	3,760,520
	2010	Car	177,222	277,048		9,100,562	9,554,832
		Truck	48,334	226,311		4,240,813	4,515,458
	2011	Car	119,152	142,831		3,112,085	3,374,068
		Truck	111,311	283,673		3,601,876	3,996,860
	Total		671,892	1,353,118		33,490,098	35,515,108
Mazda	2009	Car				849,847	849,847
		Truck				555,874	555,874
	2010	Car				2,172,829	2,172,829
		Truck				1,028,879	1,028,879

ED_006488A_00007784-00027

Manufacturer	MY	Fleet	A/C Efficiency	A/C Leakage	Off-Cycle	Fleet Average	Grand Total
	2011	Car				635,531	635,531
		Truck				239,682	239,682
	Total					5,482,642	5,482,642
Mitsubishi	2009	Car				491,817	491,817
		Truck				133,349	133,349
	2010	Car				310,695	310,695
		Truck				211,081	211,081
	2011	Car				212,415	212,415
		Truck				89,979	89,979
	Total					1,449,336	1,449,336
Nissan	2009	Car	225,310	20,466		6,502,124	6,747,900
		Truck	94,333	100,005		3,554,474	3,748,812
	2010	Car	231,360	16,755		4,220,471	4,468,586
		Truck	81,072	109,905		1,122,176	1,313,153
	2011	Car	248,584	44,656		781,048	1,074,288
		Truck	102,799	135,259		540,403	778,461
	Total		983,458	427,046		16,720,696	18,131,200
Subaru	2009	Car				459,469	459,469
		Truck				1,161,300	1,161,300
	2010	Car				71,765	71,765
		Truck				2,153,531	2,153,531
	2011	Car				-967,307	-967,307
		Truck				2,876,413	2,876,413
	Total					5,755,171	5,755,171
Suzuki	2009	Car				232,995	232,995
		Truck				215,413	215,413
	2010	Car				165,760	165,760
		Truck				163,622	163,622
	2011	Car				18,931	18,931
		Truck				79,929	79,929
	Total					876,650	876,650
Tesla	2010	Car	374			35,206	35,580
	2011	Car	168			14,024	14,192
	Total		542			49,230	49,772
Toyota	2009	Car	639,927	507,913		19,400,957	20,548,797
		Truck	195,200	343,961		10,237,780	10,776,941
	2010	Car	768,652	583,900		20,129,484	21,482,036
		Truck	373,144	598,764		12,003,853	12,975,761
	2011	Car	621,412	532,137		5,343,618	6,497,167
		Truck	483,423	343,787		12,997,923	13,825,133
	Total		3,081,758	2,910,462		80,113,615	86,105,835
Volkswagen	2009	Car	231,296	110,126		1,592,527	1,933,949
		Truck	28,408	23,990		256,858	309,256
	2010	Car	249,431	120,055		2,000,089	2,369,575
		Truck	42,110	36,017		363,961	442,088
	2011	Car	239,277	109,887		508,374	857,538
		Truck	71,965	52,936		404,098	528,999
	Total		862,487	453,011		5,125,907	6,441,405
Volvo	2009	Car				37,043	37,043
		Truck				82,540	82,540

Manufacturer	MY	Fleet	A/C Efficiency	A/C Leakage	Off-Cycle	Fleet Average	Grand Total
	2010	Car				-73,510	-73,510
		Truck				310,908	310,908
	2011	Car				-160,100	-160,100
	Total					196,881	196,881

Message

From: Wright, DavidA [Wright.DavidA@epa.gov]
Sent: 2/16/2021 10:48:05 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: Energy efficiency calculations
Attachments: MS LR and MS LR plus 65 MPH efficiencies.xlsx

Tristin,

I found my errors and corrected them. I think 200 to 300 W of energy is required to drive the modules in the MS vehicles so the efficiency is again approaching 100%.

Regards,

David

Message

From: Smithson, Arlene [smithson.arlene@epa.gov]
Sent: 2/17/2021 5:59:56 PM
To: Rojeck, Tristin [rojeck.tristin@epa.gov]
Subject: PRELIMINARY NUMBERS for Tesla 3 MCT (NOT GONE THROUGH QC, TESLA WH Data Used)
Attachments: EV MCT Calculator_Tesla3_021121.xlsx

Message

From: Rojeck, Tristin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE24F2B3500C4142B4FA5DBCC7F88EE6-ROJECK, TRI]
Sent: 3/9/2021 12:55:06 PM
To: QualityServicesTeam [QualityServicesTeam@epa.gov]
CC: Mazaitis, Vincent [mazaitis.vincent@epa.gov]
Subject: RE: Reminder - Action Needed: Request for Void Signature: 3D321-845394
Attachments: 20210038001Void (004)_21 Model 3 signed.pdf

Hello Kim,

Attached is the signed void form for the 2021 Tesla Model 3 Long Range AWD. Please let me know if you have any questions or concerns.

Thanks,

Tristin Rojeck

Light-Duty Vehicle Center - Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4649

From: QualityServicesTeam <QualityServicesTeam@epa.gov>
Sent: Tuesday, March 9, 2021 5:00 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Cc: Mazaitis, Vincent <mazaitis.vincent@epa.gov>
Subject: Reminder - Action Needed: Request for Void Signature: 3D321-845394

From: QualityServicesTeam
Sent: Monday, March 1, 2021 10:26 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Cc: Mazaitis, Vincent <mazaitis.vincent@epa.gov>
Subject: Action Needed: Request for Void Signature: 3D321-845394

Hi Tristin,

As part of the TATD safe return to work plan, it was requested that the Quality Services Team take care of the electronic routing of all void/variant forms. Please sign, save then reply to this email with the updated attachment so we can route it to TATD management for final approval.

Thank you!
Kim Baker

	National Vehicle and Fuel Emissions Laboratory Ann Arbor, Michigan 48105	Document Number: WIF-1138-01	Version: 06
	Title: **Void Report - Vehicle**		Page: 1 of 2

Vehicle ID/Config: 3D321-845394 Test Number: 20210038001

Operator: J. Jedele Test Date: 2/11/21 Test Site: D329

Equipment (bench and analyzer, if applicable): _____ Test Type: MCT65

Project Officer or Certification Representative Contacted: T. Rojeck

Test Program:

- ☑ Certification
- ☐ In-use
- ☐ Other: _____

Void Code (See page 2 for list of codes): 410

Helpline Ticket # (if applicable): _____

Description of deviation:

2nd Hot Soak of test over 10mins. long due to vehicle not going into Dyno Mode

Action(s) taken to resolve deviation:

Void Test

Root Cause:

Vehicle screen was frozen, Tesla contacted and a vehicle reboot was necessary to put the vehicle back in Dyno Mode

Test Data Status: ☑ **Void** ☐ **Variant** ☐ **Near Miss**

Completed By: Arlene Smithson Digitally signed by Arlene Smithson Date: 2021.03.01 09:57:02 -05'00' Date: 3/1/21

Approval Signatures:

Center Director or Assigned Individual: _____ Date: _____

Project Officer or Cert Rep: TRISTIN ROJECK Digitally signed by TRISTIN ROJECK Date: 2021.03.09 07:50:11 -05'00' Date: 3/9/2021

Void Codes:

Personnel

100	Other	120	Test Setup Error	130	Site Operator
110	Driving Error	121	Dyno Settings	140	Fueling Error
111	Driver's Trace	122	Dyno Coeff. / Inertia	150	Inspection Error
112	Driver's Shift	123	Vehicle Installation	160	Scheduling Error
114	Starting Procedure	124	Particulate Filter Handling	170	Canister Handling
				180	SHED Operator

Equipment

200	Other	240	Test Site Equipment	270	PM
210	Dyno	241	Visual Driver's Aid	271	Particulate Sample System
213	Dyno Coeff. / Inertia	242	Cooling Fan	272	Particulate Weighing Room
220	CVS	243	Hybrid / EV Equipment	280	Alcohol Measurement
230	Analyzer Bench	244	Gas Bottle	281	INNOVA
231	Drift Check – Zero	249	Site Computer / Software	282	Impinger Bench
232	Drift Check – Span	250	Canister Load	290	Fuel Bay
233	FID Fuel	260	SHED		

Laboratory

300	Other	320	Environmental Conditions	330	Laboratory Power Failure
310	Alarm	321	Soak Temperature	331	Site Power Failure
		322	Cell Temperature	332	Clean Power Failure
		323	Humidity Control	333	DTE Power Failure

Manufacturer

400	Other	418	Canister	435	Shift Schedule
410	Vehicle	419	No Start	436	Starting / Setup Instructions
411	Exhaust Leak	430	Incorrect Information	440	Vehicle Maint. Not Done
415	Equipment Installation	431	Road Load Coeff. / Inertia	450	Request to Not Test
416	Fuel Leak			499	Vehicle Performance

Contractor

500	Other	518	Canister	535	Shift Schedule
510	Vehicle	519	No Start	536	Starting / Setup Instructions
511	Exhaust Leak	530	Incorrect Information	540	Vehicle Maint. Not Done
515	Equipment Installation	531	Road Load Coeff. / Inertia	550	Request to Not Test
516	Fuel Leak				

Project Officer

600	Other	618	Canister	635	Shift Schedule
610	Vehicle	619	No Start	636	Starting / Setup Instructions
611	Exhaust Leak	630	Incorrect Information	640	Vehicle Maint. Not Done
615	Equipment Installation	631	Road Load Coeff. / Inertia	650	Request to Not Test
616	Fuel Leak				

Miscellaneous

700 Other

Message

From: Rojeck, Tristin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE24F2B3500C4142B4FA5DBCC7F88EE6-ROJECK, TRI]
Sent: 7/10/2020 6:22:06 PM
To: Wright, DavidA [Wright.DavidA@epa.gov]
Subject: RE: Car and Driver feature
Attachments: Car_and_Driver EV testing questions 10 July 2020_v2.docx

Hello David,

Attached is a document with minor edits and tracked changes. Let me know if you need any clarification. Feel free to disregard edits you deem unnecessary. I think this is ready for Linc and Byron.

FYI – Model Y application should be in the queue.

Thanks again and have a great weekend if I don't talk to you!

Regards,

Tristin Rojeck

From: Wright, DavidA <Wright.DavidA@epa.gov>
Sent: Friday, July 10, 2020 1:14 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Tristin,

What do you think of the attached draft? Please feel free to edit and let me know if you think it does not address the questions which have been asked.

Regards,

David

From: Rojeck, Tristin <rojeck.tristin@epa.gov>
Sent: Friday, July 10, 2020 8:26 AM
To: Wright, DavidA <Wright.DavidA@epa.gov>
Cc: Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Car and Driver feature

Hey David,

Here is my Draft response to *Car and Driver*. Feel free to edit as you see fit. This may not be exactly what you were thinking, so also give me a call if you think we need to go down a different path. I should have a decent amount of time today for this topic. Thanks for your help.

Regards,

Tristin

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 8, 2020 4:57 PM
To: Wright, DavidA <Wright.DavidA@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

That sounds great to me.

From: Wright, DavidA <Wright.DavidA@epa.gov>
Sent: Wednesday, July 08, 2020 2:52 PM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

I do think we can draft something reasonable by Monday addressing the question about 5-cycle testing and how that has been applied to EVs along with a reasonable response to how the 0.7 adjustment factor was derived.

I'm thinking it would be good for Tristin and I to work out a draft response and then forward that to Linc, Byron, Chris, and Erin for your feedback. I would think we could have our draft out by Friday morning.

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 08, 2020 2:34 PM
To: Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Do you guys think we can draft something by Monday?

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Wednesday, July 08, 2020 2:13 PM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Thanks Linc. If this is unworkable we can push back.

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 8, 2020 1:06 PM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

I hope so. I haven't had a chance to talk to the team yet. Hopefully, well know more this afternoon.

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Wednesday, July 08, 2020 1:01 PM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Can you guys manage to get a response by Monday?

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 8, 2020 11:18 AM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

That would be great!

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Wednesday, July 08, 2020 11:06 AM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

I figured… you always get the hard ones Linc!

I'll let you know when I find out about deadlines. I will note that this could take a while. Would you want until early next week?

From: Wehrly, Linc <wehrly.linc@epa.gov>
Sent: Wednesday, July 8, 2020 11:02 AM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>
Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Car and Driver feature

Erin,

I will need to consult with Byron and some of my team on this. These are pretty complicated questions and there are not real simple answers.

Thanks,
Linc

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Wednesday, July 08, 2020 10:50 AM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>

Cc: Mylan, Christopher <Mylan.Christopher@epa.gov>
Subject: FW: Car and Driver feature

Dear Linc and Byron,

Here is a press inquiry from Car and Driver. No deadline on this yet but wanted to share.

Thank you!

-Erin

From: VanderWerp, Dave <dave.vanderwerp@hearst.com>
Sent: Wednesday, July 8, 2020 10:44 AM
To: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Subject: Car and Driver feature

Hi Erin,

I'm working on a piece on Tesla's ability to generate the largest EPA range figures among EVs and had a couple questions that I'm hoping you can help me answer.

- One thing I stumbled upon in my digging on this topic is that Tesla is the only OEM that uses five-cycle testing to generate a more favorable adjustment factor for its range and efficiency figures, and wondering if someone might be able to explain how the two-cycle vs. five-cycle was architected specifically for EVs.
- I was also wondering how the default 0.7 adjustment factor came about. Presumably there was some correlation between the test cycles and real-world driving?

Thanks,

DAVE VANDERWERP
DIRECTOR, VEHICLE TESTING

E dave.vanderwerp@hearst.com
T 734.352.8033 **M** 313.400.3616
caranddriver.com

Message

From: Rojeck, Tristin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE24F2B3500C4142B4FA5DBCC7F88EE6-ROJECK, TRI]
Sent: 4/5/2021 2:57:38 PM
To: QualityServicesTeam [QualityServicesTeam@epa.gov]
Subject: RE: Reminder - Action Needed: Request for Void Signature: 3D345394
Attachments: 20210067003VoidReport (002)_Tesla M3 LR.pdf

Hello Kim,

Attached is the signed void report for the 2021 Model 3 Long Range. Please let me know if you have any questions or concerns.

Regards,

Tristin Rojeck

Light-Duty Vehicle Center - Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4649

From: Baker, Kimberly <baker.kimberly@epa.gov> **On Behalf Of** QualityServicesTeam
Sent: Monday, April 5, 2021 10:48 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: Reminder - Action Needed: Request for Void Signature: 3D345394

Kim Baker
U.S. Environmental Protection Agency
Office of Transportation and Air Quality
734.214.4734 Phone
734.214.4400 Fax
baker.kimberly@epa.gov

From: QualityServicesTeam
Sent: Monday, March 22, 2021 7:46 AM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Cc: Mazaitis, Vincent <mazaitis.vincent@epa.gov>
Subject: Action Needed: Request for Void Signature: 3D345394

Hi Tristin,

As part of the TATD safe return to work plan, it was requested that the Quality Services Team take care of the electronic routing of all void/variant forms. Please sign, save then reply to this email with the updated attachment so we can route it to TATD management for final approval.

Thank you!
Kim Baker

National Vehicle and Fuel Emissions Laboratory Ann Arbor, Michigan 48105	Document Number: WIF-1138-01	Version: 06
Title: **Void Report - Vehicle**		Page: 1 of 2

Vehicle ID/Config: 3D345394/0 Test Number: 20210038004

Operator: A. Smithson/J. Jedele Test Date: 3/3/21 Test Site: D329

Equipment (bench and analyzer, if applicable): Hioki Meter Degaussing Program Test Type: MCT65

Project Officer or Certification Representative Contacted: T. Rojeck

Test Program:

- ☑ Certification
- ☐ In-use
- ☐ Other: _____

Void Code (See page 2 for list of codes): 243

Helpline Ticket # (if applicable): _____

Description of deviation:

Energy usage reported by Tesla through their Memorator data did not match the energy usage recorded by EPA with their instrumentation being around being 1.4A less through out the test.

Action(s) taken to resolve deviation:

Investigation in the matter revealed that the accessory loading is around the 1.4A underreported through the test with an static measuring of the vehicle while "sleep". The accessory Hioki clamp will be degaussed done before the test not connected to the vehicle and installed in afterward.

Root Cause:

Vehicle has a constant accessory load so Hioki Meter clamp degaussing while installed on the vehicle will have a zero value offset. No zero degauss offset warning was given by the equipment when the process was done for this test.

Test Data Status: ☑ **Void** ☐ **Variant** ☐ **Near Miss**

Completed By: Arlene Smithson Digitally signed by Arlene Smithson Date: 2021.03.19 11:38:17 -04'00' Date: 3/19/21

Approval Signatures:

Center Director or Assigned Individual: _____ Date: _____

Project Officer or Cert Rep: TRISTIN ROJECK Digitally signed by TRISTIN ROJECK Date: 2021.04.05 10:55:07 -04'00' Date: 4/5/2021

To ensure use of the current version, standard forms are to be used no later than 2 business days after they are printed.	Print Date:

Void Codes:

Personnel

100	Other	120	Test Setup Error	130	Site Operator
110	Driving Error	121	Dyno Settings	140	Fueling Error
111	Driver's Trace	122	Dyno Coeff. / Inertia	150	Inspection Error
112	Driver's Shift	123	Vehicle Installation	160	Scheduling Error
114	Starting Procedure	124	Particulate Filter Handling	170	Canister Handling
				180	SHED Operator

Equipment

200	Other	240	Test Site Equipment	270	PM
210	Dyno	241	Visual Driver's Aid	271	Particulate Sample System
213	Dyno Coeff. / Inertia	242	Cooling Fan	272	Particulate Weighing Room
220	CVS	243	Hybrid / EV Equipment	280	Alcohol Measurement
230	Analyzer Bench	244	Gas Bottle	281	INNOVA
231	Drift Check – Zero	249	Site Computer / Software	282	Impinger Bench
232	Drift Check – Span	250	Canister Load	290	Fuel Bay
233	FID Fuel	260	SHED		

Laboratory

300	Other	320	Environmental Conditions	330	Laboratory Power Failure
310	Alarm	321	Soak Temperature	331	Site Power Failure
		322	Cell Temperature	332	Clean Power Failure
		323	Humidity Control	333	DTE Power Failure

Manufacturer

400	Other	418	Canister	435	Shift Schedule
410	Vehicle	419	No Start	436	Starting / Setup Instructions
411	Exhaust Leak	430	Incorrect Information	440	Vehicle Maint. Not Done
415	Equipment Installation	431	Road Load Coeff. / Inertia	450	Request to Not Test
416	Fuel Leak			499	Vehicle Performance

Contractor

500	Other	518	Canister	535	Shift Schedule
510	Vehicle	519	No Start	536	Starting / Setup Instructions
511	Exhaust Leak	530	Incorrect Information	540	Vehicle Maint. Not Done
515	Equipment Installation	531	Road Load Coeff. / Inertia	550	Request to Not Test
516	Fuel Leak				

Project Officer

600	Other	618	Canister	635	Shift Schedule
610	Vehicle	619	No Start	636	Starting / Setup Instructions
611	Exhaust Leak	630	Incorrect Information	640	Vehicle Maint. Not Done
615	Equipment Installation	631	Road Load Coeff. / Inertia	650	Request to Not Test
616	Fuel Leak				

Miscellaneous

700 Other

Appointment

From: Rojeck, Tristin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE24F2B3500C4142B4FA5DBCC7F88EE6-ROJECK, TRI]
Sent: 5/16/2019 7:40:18 PM
To: Wehrly, Linc [wehrly.linc@epa.gov]; Kimball, Joshua [kimball.joshua@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]
BCC: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE [AA-Room-Office-C34-ConfRoom@epa.gov]

Subject: Discuss Intern Projects
Attachments: Draft Proposed Projects for Josh Kimball.docx
Location: AA-Room-Office-C34-ConfRoom/AA-OTAQ-OFFICE

Start: 5/17/2019 5:00:00 PM
End: 5/17/2019 6:00:00 PM
Show Time As: Tentative

Required Attendees: Wehrly, Linc; Kimball, Joshua; Wright, DavidA

Hello Linc,

David, Josh and I sat down today (5/16) to discuss the FE Display project that SAE is interested in as well as other projects that might be of interest to Josh over the next few months. Attached is a draft list that David came up with, but I believe we are all open to other ideas. Josh and I also spent some time discussing the AB&T project, however, we want to discuss how to move forward with this project and outline the goals.

Regards,

Tristin

Message

From: Rojeck, Tristin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE24F2B3500C4142B4FA5DBCC7F88EE6-ROJECK, TRI]
Sent: 8/14/2019 1:38:46 PM
To: Meekins, Tanya [Meekins.Tanya@epa.gov]
CC: Cullen, Daniel [cullen.daniel@epa.gov]; Pugliese, Holly [pugliese.holly@epa.gov]
Subject: RE: Follow up.....interim Response for FOIA 2017-009954
Attachments: 2017-18_Tesla Model 3 EV spreadsheet_Nov202017-from Kannan-11-21-2017_FOIA_1.pdf; 2017-18_Tesla Model 3 EV spreadsheet_Nov202017-from Kannan-11-21-2017_FOIA_2.pdf; 2017-18_Tesla Model 3 EV spreadsheet_Nov202017-from Kannan-11-21-2017_FOIA_3.pdf; 2017-18_Tesla Model 3 EV spreadsheet_Nov202017-from Kannan-11-21-2017_FOIA_4.pdf

Hello Tanya,

Attached are the relevant documents for FOIA 2017-009954. These are the only documents that EPA has on test data between Tesla and EPA regarding the subject vehicle. Please let me know if you need any further information.

I would recommend also including the FOIA version of the test group application that you originally planned to send as an interim response.

Regards,

Tristin Rojeck

Light-Duty Vehicle Center - Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4649

From: Meekins, Tanya <Meekins.Tanya@epa.gov>
Sent: Monday, July 22, 2019 2:04 PM
To: Cullen, Daniel <Cullen.Daniel@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>; Pugliese, Holly <pugliese.holly@epa.gov>
Subject: Follow up.....interim Response for FOIA 2017-009954

Hi all,

I just wanted to follow up on our meeting from last week. You asked me to hold off on the interim release of the above attachment because Tristin is almost finished with the remaining portion of the response.

From: Meekins, Tanya
Sent: Tuesday, June 11, 2019 9:03 AM
To: Bunker, Byron <bunker.byron@epa.gov>
Subject: Response for FOIA 2017-009954

Hi Byron

We want to release the attached as an interim response to this FOIA. Dan Cullen from Linc's group is working on this request. I've attached the incoming and the records. We do not need a letter at this time since it's an interim release.

Let me know if you approve for release.

Thanks

From: Cullen, Daniel
Sent: Wednesday, May 29, 2019 8:33 AM
To: Meekins, Tanya <Meekins.Tanya@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: RE: Question? FOIA 2017-009954

Tanya,

Hello. I think for sure you can release that document as an interim response.

Dan

From: Meekins, Tanya
Sent: Wednesday, May 22, 2019 5:52 PM
To: Cullen, Daniel <Cullen.Daniel@epa.gov>; Rojeck, Tristin <rojeck.tristin@epa.gov>
Subject: Question? FOIA 2017-009954

Hi Dan / Tristin

I wanted to touch base on this request. Based on the email history below, there were documents that were potentially responsive to this request. I was hoping this would be easy enough to determine if we could send out an interim release or not?

From: Meekins, Tanya
Sent: Monday, February 25, 2019 2:15 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Cc: Cullen, Daniel <cullen.daniel@epa.gov>
Subject: Tesla FOIA 2017-009954

Hi Tristin

Here is the email that Dan sent in November with a link to some Tesla docs. I have not sent this to the requester. Please let me know if this information is ok to send as an interim response to the request?

Thanks

From: Cullen, Daniel
Sent: Friday, November 16, 2018 5:11 PM

To: Meekins, Tanya <Meekins.Tanya@epa.gov>
Cc: Wehrly, Linc <wehrly.linc@epa.gov>; Wright, DavidA <Wright.DavidA@epa.gov>
Subject: RE: Important: OTAQ FOIA Surge - Round 2

Tanya,

Hello. I have some info on Item #2 20017-009954.
https://iaspub.epa.gov/otaqpub/display_file.jsp?docid=39792&flag=1
The tesla results can be found at the above web link (on the DIS), and downloaded in the CSI attached here.

I am working on retrieving the EPA test results.

I will follow up next week.

Sincerely,

Dan

From: Meekins, Tanya
Sent: Friday, November 16, 2018 2:47 PM
To: Wehrly, Linc <wehrly.linc@epa.gov>; Cullen, Daniel <cullen.daniel@epa.gov>
Cc: Bunker, Byron <bunker.byron@epa.gov>; Davis, Julian <davis.julian@epa.gov>; Ball, Joel <ball.joel@epa.gov>; Hengst, Benjamin <Hengst.Benjamin@epa.gov>; Sutton, Tia <sutton.tia@epa.gov>; Burch, Julia <Burch.Julia@epa.gov>; Hart, Frederick <hart.frederick@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>; Zaremski, Sara <zaremski.sara@epa.gov>
Subject: Important: OTAQ FOIA Surge - Round 2

Hi Linc

I'm following up on Ben's email below. We are working to ensure that all OTAQ FOIAs are processed as effectively and timely as possible. There are currently 16 FOIAs assigned to your group.

There are currently 7 that appear to be inactive; and I am asking that a "checklist form" be completed for each so that we can determine if they are being processed or if we need to begin processing them.

I'm attaching the incoming FOIAs; and the checklist that needs to be completed for each of the requests.

You can also access the FOIA Quick Start Guide, which includes a copy of the checklist, through the OTAQ@work link below that Ben has provided.

Please feel free to call with any questions.

2013-002407 Joel Ball
2017-009954 Linc/Fred
2018-000616 Linc
2018-003718 Linc contacting Evan Belser
2018-004363 Joel Dalton
2018-010776 Linc/Sara
2018-011593 Linc

Thank you.

From: Hengst, Benjamin
Sent: Friday, November 2, 2018 1:02 PM
To: OAR-OTAQ <OAROTAQ@epa.gov>
Subject: OTAQ FOIA Quick Start Guide

Dear Colleagues:

I'm pleased to share a newly-developed "OTAQ FOIA Quick Start Guide," available on OTAQ@work here.

The Quick Start Guide is intended to provide step-by-step information about how to handle Freedom of Information Act (FOIA) requests within OTAQ. This is an OTAQ-specific document, and will hopefully answer questions about our process for responding to FOIAs, and provide a guide for both newer employees and FOIA-veterans alike.

Tia Sutton and Tanya Meekins (OTAQ's FOIA Coordinator) developed a first draft of this document, which was subsequently reviewed by several staff and managers from multiple divisions in OTAQ. Thanks to all who contributed to this document.

We hope this proves to be a useful resource. If you have any questions or suggested improvements, please contact me or Tanya directly.

Thanks--Ben

Derived 5-cycle MPG Calculations For Electric Vehicles

Please Enter:

Model Year:	2017
Manufacturer Name:	Tesla Motors Inc
Model Name	Model 3 Long Range
Test Date:	8/16/2017

Values in Yellow fill are used on FE Labels (window stickers)

Next for Fuel

I. Calculate Electric vehicle FE Label city, Hwy, Combined FE values using the 2008 (derived 5-cycle) method and the 30% cap method:

Enter unadjusted unrounded kW-hr/100mi Values (in red text blocks) as determined from SAE J1634:

		City (round mpg to 0.1mpg)	Highway (round mpg to 0.1mpg)	Combined Calculated unadjusted combined	Units
Elect veh FE	unrounded kW-hr/100 mi	[redacted]	[redacted]	18.7811	kW-hr/100 mi
Elect veh FE	converted to mpg	**186.7**	**171.4**	179.4900	mpg

2008 FE Label method (Derived 5-cycle)

	Derived 5-cycle City	Derived 5-cycle Hwy	Adjusted Combined	Units
Calculate derived 5-cycle mpg:	**97.0**	**93.1**	**95.2**	mpg
convert back to kW-hr/100 mi:	**34.7**	**36.2**	**35.4**	**kW-hr/100 mi Derived 5-cycle**
Percent adjustment mpg:	**48.0%**	**45.7%**	**47.0%**	percent
MPG w/ % Cap	[redacted]	[redacted]	[redacted]	**MPGe with Cap**
convert back to kW-hr/100 mi:	[redacted]	[redacted]	[redacted]	**kW-hr/100 mi with % Cap**
			26.8	

2017 Label Values:

Rounded MPG w/% cap:	131	120	126
Rounded kW-hr/100 mi:	26	28	27

II. Calculate Electric vehicle driving ranges using the unadjusted SAE J1634 method and the 2008 (derived 5-cycle) method:

Enter unadjusted City & Hwy Range Values in miles (in red text blocks) as determined from SAE J1634:

	City Range	Hwy Range	Combined Range	Rounded Range	Units	Method:
Calculate unadjusted driving range:	498.11	454.64	476.8985	477	miles	Unadjusted (SAE J1634)
Calculate adjusted driving range (2008 method, No Cap):	257.2	246.9	252.9430	253	miles	2008 (derived 5-cycle, mpg-based, No Cap)
Calculate adjusted driving range (2008 method, 27% Cap):	346.6	318.2	333.8290	334	miles	2008 (derived 5-cycle, mpg-based, 30% Cap)
				[redacted]	miles	<----------Voluntary Reduction of AER on label

III. Calculate Electric vehicle annual fuel cost and 5-year savings, per 40 CFR 600.311-12(e)

Enter Average 2017 5-year Fuel Cost:	$7,000	
Enter 2017 U.S. electricity costs:	$0.13	per kw-hr
(from CD-15-27 for 2017)		
Calculate unrounded adjusted combined miles/kw-hr:	3.727727	mi/kw-hr

2008 MPG Factors:
ref. 40 CFR 600.210-08

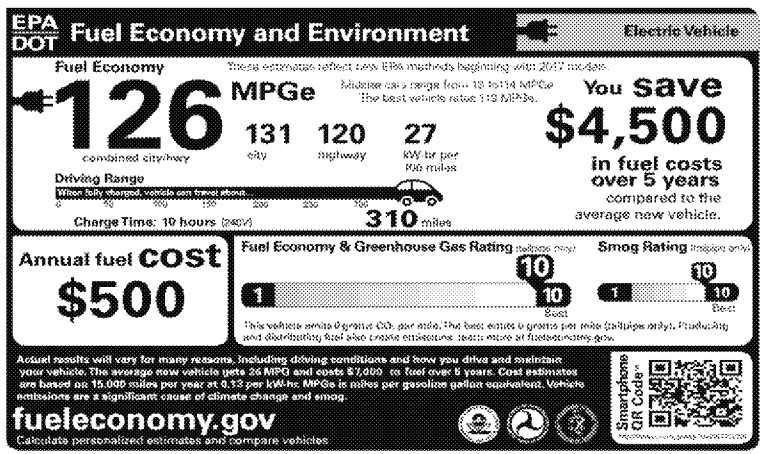
City Intercept:	0.004091
City Slope:	1.1601
Hwy Intercept:	0.003191
Hwy Slope:	1.2845

Petroleum Equivalency Factor	
for electricity; ref 10 CFR 474.3	
33,705 watt-hr/gallon	w/o 6.667 CAFE incentive
	no fuel fired accessories

Annual Miles	Cost	Units	Unrounded Annual Fuel Cost*	Method	2017 Label Rounded Annual Fuel Cost	2017 Label 5-year Amount You Save:
15,000	$0.13	per kw-hr	$690.30	2008 (derived 5-cycle, mpg-based, No Cap)	$700.00	$3,500
15,000	$0.13	per kw-hr	$623.11	2008 (derived 5-cycle, mpg-based, % Cap)	$600.00	$4,500

*Note: Annual fuel costs should be ASTM rounded to the nearest $50.

QR Code: http://fueleconomy.gov/ar?id=2017TSL301



EV MCT Calculator

Tesla Model 3 - EPA TATD testing

Vehicle 3R217-R00012
Test# **20170281014** Date 11/1/2017
Laboratory NVFEL

Cycle	WattHrs	Distance	ECdc_cyc	Kuwgt	Kwgt
UDDS1	1454.270	***7.466***	194.79	48.70	3.72
UDDS2	1211.005	***7.472***	162.07	40.52	52.99
UDDS3	1108.111	***7.423***	149.28	37.32	48.81
UDDS4	1105.290	***7.405***	149.26	37.32	48.80
HWY1	1825.861	***10.272***	177.75	88.88	
HWY2	1683.511	***10.278***	163.80	81.90	
SS1	63589.972	***297.993***	213.39		
SS2	4073.921	***19.195***	212.24		
TOTAL	76051.94	367.504			

AC Recharge WattHrs (12hrs): 85189

AC Recharge WattHrs (No Trickle): 84583.4

AC Recharge Voltage: 237.5322

AC Recharge Time (secs): 43575

AC Recharge Time (secs) (No Trickle): 32606

K-Factors	UDDS1	UDDS2	UDDS3	UDDS4	HWY1	HWY2
Unweighted	0.250	0.250	0.250	0.250	0.500	0.500
Weighted	0.019	0.327	0.327	0.327	NA	NA

			Added By D. Good:	
Results	Range	AC Wh/mi	**MPGe**	**kWh/100mi**
UDDSu	**464.15**	**183.54**		
UDDSw	**492.80**	**172.87**	**194.9747**	**17.2869**
HWY	**445.34**	**191.29**	**176.1969**	**19.1292**

Added By D. Good:		
Mfr values:		Mfr Range (mi)
MPGe	kWh/100 mi	
186.7	18.0578	495.04
171.4	19.6651	454.64
MPG % diff:		Range % diff:
4.24% UDDS		-0.46% UDDS
2.72% Hwy		-2.09% Hwy

Note:

1. Enter information and results in yellow shaded cells
2. Weighted results based on SAE J1634 MCT calculations
3. Final values should be rounded to appropriate significant digits

Derived 5-cycle MPG Calculations For Electric Vehicles

Please Enter:

Model Year:	2018
Manufacturer Name:	Tesla Motors Inc
Model Name	Model 3 Long Range
Test Date:	11/1/2017

Values in Yellow fill are used on FE Labels (window stickers)

Used for FCG

I. Calculate Electric vehicle FE Label city, Hwy, Combined FE values using the 2008 (derived 5-cycle) method and the 30% cap method:

Enter unadjusted unrounded kW-hr/100mi Values (in red text blocks) as determined from SAE J1634:

		City (round mpg to 0.1mpg)	Highway (round mpg to 0.1mpg)	Combined Calculated unadjusted combined	Units
Elect veh FE	unrounded kW-hr/100 mi	17.2869	19.1292	18.1159	kW-hr/100 mi
Elect veh FE	converted to mpg	**195**	**176.2**	186.0663	mpg

2008 FE Label method (Derived 5-cycle)

	Derived 5-cycle City	Derived 5-cycle Hwy	Adjusted Combined	Units
Calculate derived 5-cycle mpg:	**99.6**	**94.9**	**97.4**	mpg
convert back to kW-hr/100 mi:	**33.8**	**35.5**	**34.6**	**kW-hr/100 mi Derived 5-cycle**
Percent adjustment mpg:	**48.9%**	**46.1%**	**47.7%**	percent
MPG w/ % Cap	136.5000	123.3400	130.2454	**MPGe with Cap**
convert back to kW-hr/100 mi:	24.6923	27.3269	25.8779	**kW-hr/100 mi with % Cap**
			25.9	

2018 Label Values:

Rounded MPG w/% cap:	**136**	**123**	**130**
Rounded kW=hr/100 mi:	**25**	**27**	**26**

II. Calculate Electric vehicle driving ranges using the unadjusted SAE J1634 method and the 2008 (derived 5-cycle) method:

Enter unadjusted City & Hwy Range Values in miles (in red text blocks) as determined from SAE J1634:

	City Range	Hwy Range	Combined Range	Rounded Range	Units	Method:
Calculate unadjusted driving range:	492.8	445.34	471.4430	**471**	miles	Unadjusted (SAE J1634)
Calculate adjusted driving range (2008 method, No Cap):	251.7	239.9	246.7859	**247**	miles	2008 (derived 5-cycle, mpg-based, No Cap)
Calculate adjusted driving range (2008 method, 27% Cap):	345.0	311.7	330.0101	**330**	miles	2008 (derived 5-cycle, mpg-based, 30% Cap)
				310	miles	<----------Voluntary Reduction of AER on label

III. Calculate Electric vehicle annual fuel cost and 5-year savings, per 40 CFR 600.311-12€ - To be confirmed with EPA on 2018 values adjustment on cost savings

2008 MPG Factors:
ref. 40 CFR 600.210-08

City Intercept:	0.004091
City Slope:	1.1601
Hwy Intercept:	0.003191
Hwy Slope:	1.2945

Enter Average 2018 5-year Fuel Cost: $6,750

Enter 2018 U.S. electricity costs: $0.13 per kw-hr
(from CD-16-18 for 2018)

Calculate unrounded adjusted combined miles/kw-hr: 3.864301 mi/kw-hr

Annual Miles	Cost	Units	Unrounded Annual Fuel Cost*	Method	2018 Label Rounded Annual Fuel Cost	2018 Label 5-year Amount You Save:
15,000	$0.13	per kw-hr	$674.70	2008 (derived 5-cycle, mpg-based, No Cap)	$650.00	$3,500
15,000	$0.13	per kw-hr	**$504.62**	2008 (derived 5-cycle, mpg-based, % Cap)	**$500.00**	**$4,250**

*Note: Annual fuel costs should be ASTM rounded to the nearest $50.

Petroleum Equivalency Factor
for electricity; ref 10 CFR 474.3

33,705 watt-hr/gallon w/o 6.667 CAFE incentive
no fuel fired accessories

QR Code: http://fueleconomy.gov/qr?id=2017TSL301

Message

From: Rojeck, Tristin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE24F2B3500C4142B4FA5DBCC7F88EE6-ROJECK, TRI]
Sent: 3/3/2020 7:51:03 PM
To: Wright, DavidA [Wright.DavidA@epa.gov]
Subject: FW: Data
Attachments: EV MCT Calculator_TeslaS_22620.xlsx; EV MCT Calculator_TeslaS_22620_CAN.xlsx

Hey David,

I have received final test values for the Tesla Model S we tested last week. The final combined label range based on these data would be 391 miles. The highway offset for range and MPGe are greater than 3% compared to Tesla's internal MCT. Let me know if you would like to discuss before I pass this along to the manufacturer.

Regards,

Tristin

From: McBryde, Dan <mcbryde.dan@epa.gov>
Sent: Tuesday, March 3, 2020 2:40 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Cc: Smithson, Arlene <smithson.arlene@epa.gov>
Subject: Data

Tristin,

Attached is the spreadsheet with the final numbers. I have also included the spreadsheet with the CAN calculated values and it's at your discretion if you want to share it with the manufacturer. In general the hioki results agreed well with the CAN data (well within 1%).

Also, after I thought about it more, Tesla's higher watt-hour result for UDDS 1 (compared to EPA) makes sense if they are at a higher SOC. Regen is suppressed at higher SOC consequently the watt-hour per cycle would be higher.

Finally, I checked the October 2012 version of J1634 (referenced in eCFR) and the Cold FTP that is defined in the appendix does not have repeated UDDS's. There are four UDDSs with a 10 minute soak after UDDS1 and UDDS2. Then there is a steady-state after the fourth UDDS that you operate until depletion. It is not clear how you determine range but I would guess you would average your UDDS watt-hour per cycle and use that to determine the range based on the total dc discharge energy.

If you have any questions on the spreadsheet(s) or anything else, let me know. Thanks.

Dan

Message

From: Rojeck, Tristin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE24F2B3500C4142B4FA5DBCC7F88EE6-ROJECK, TRI]
Sent: 6/26/2020 10:41:39 AM
To: Wright, DavidA [Wright.DavidA@epa.gov]
CC: Wehrly, Linc [wehrly.linc@epa.gov]; Cullen, Daniel [cullen.daniel@epa.gov]
Subject: RE: List of concerns with Tesla testing process DRAFT
Attachments: Tesla certification issues_TR.docx

Hello David,

Attached are my edits to the DRAFT document that was sent on Monday. The edits are not substantial, however, I added a few clarifications and examples to the points outlined. I unfortunately forgot to track changes, but I can outline the changes, if necessary.

A few additional topics that could be addressed in the DRAFT:
1. I do not have access to the final 2012 or 2017 editions of J1634 while working from home so I could not validate the steady state distance point.
2. I have an earlier edition (5/5/20) of a similar list of concerns that explains a ~20kg offset between drivers rather than 50kg.
3. There are a few additional topics that may not be as substantive or necessary for this letter, but I want to highlight them:

Ex. 5 Deliberative Process (DP)

I'm not exactly sure how to convey that Tesla consistently questions EPA's intent on whether we are trying to run a valid test or confirm their value, whether that be FE or range, when those should ultimately be consistent. Other than that, this looks great. Thank you for putting together this list.

Feel free to give me a call if you would like to discuss further.

Regards,

Tristin Rojeck

From: Wright, DavidA <Wright.DavidA@epa.gov>
Sent: Monday, June 22, 2020 4:44 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Cc: Wehrly, Linc <wehrly.linc@epa.gov>; Cullen, Daniel <Cullen.Daniel@epa.gov>
Subject: List of concerns with Tesla testing process

The following list is my initial start – feel free to add, once we have the list completed we will schedule a half hour meeting with Byron to discuss having the general conversation with Tesla management.

Thanks,

David

Message

From: Rojeck, Tristin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BE24F2B3500C4142B4FA5DBCC7F88EE6-ROJECK, TRI]
Sent: 2/5/2021 10:07:26 PM
To: QualityServicesTeam [QualityServicesTeam@epa.gov]
CC: Mazaitis, Vincent [mazaitis.vincent@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]; Smithson, Arlene [smithson.arlene@epa.gov]
Subject: RE: Action Needed: Request for Variant Signature: SD221-381503/0
Attachments: 20210003004Variant (Tesla Model S LR+).pdf

Hello,

Attached is the signed variant report for the subject vehicle. Please let me know if you need any further information.

Regards,

Tristin Rojeck

Light-Duty Vehicle Center - Compliance Division
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
(734) 214-4649

From: QualityServicesTeam <QualityServicesTeam@epa.gov>
Sent: Friday, January 29, 2021 1:24 PM
To: Rojeck, Tristin <rojeck.tristin@epa.gov>
Cc: Mazaitis, Vincent <mazaitis.vincent@epa.gov>
Subject: Action Needed: Request for Variant Signature: SD221-381503/0

Hi Tristin,

As part of the TATD safe return to work plan, it was requested that the Quality Services Team take care of the electronic routing of all void/variant forms. Please sign, save then reply to this email with the updated attachment so we can route it to TATD management for final approval.

Thank you!
Kim Baker

National Vehicle and Fuel Emissions Laboratory Ann Arbor, Michigan 48105	Document Number: WIF-1138-01	Version: 06
Title: **Void Report - Vehicle**		Page: 1 of 2

Vehicle ID/Config: SD221-381503/0 Test Number: 20210003004

Operator: Z. Abusahria Test Date: 1/29/21 Test Site: D329

Equipment (bench and analyzer, if applicable): _____ Test Type: MCT65

Project Officer or Certification Representative Contacted: T. Rojeck

Test Program:

- ☑ Certification
- ☐ In-use
- ☐ Other: _____

Void Code (See page 2 for list of codes): 210

Helpline Ticket # (if applicable): _____

Description of deviation:

Went over the 1hr. limit to start test after getting vehicle from charger (about <15mins.)

Action(s) taken to resolve deviation:

Variant

Root Cause:

Dyno "Emergency Stop Active" engaged while setting up the vehicle (no idea what triggered it) and we weren't able to reset the dyno until getting help from Paul Burbage.

Test Data Status: ☐ **Void** ☑ **Variant** ☐ **Near Miss**

Completed By: Arlene Smithson Digitally signed by Arlene Smithson Date: 2021.01.29 10:49:05 -05'00' Date: 1/29/21

Approval Signatures:

Center Director or Assigned Individual: _____ Date: _____

Project Officer or Cert Rep: TRISTIN ROJECK Digitally signed by TRISTIN ROJECK Date: 2021.02.05 17:01:54 -05'00' Date: 2/5/2021

Void Codes:

Personnel

100	Other	120	Test Setup Error	130	Site Operator
110	Driving Error	121	Dyno Settings	140	Fueling Error
111	Driver's Trace	122	Dyno Coeff. / Inertia	150	Inspection Error
112	Driver's Shift	123	Vehicle Installation	160	Scheduling Error
114	Starting Procedure	124	Particulate Filter Handling	170	Canister Handling
				180	SHED Operator

Equipment

200	Other	240	Test Site Equipment	270	PM
210	Dyno	241	Visual Driver's Aid	271	Particulate Sample System
213	Dyno Coeff. / Inertia	242	Cooling Fan	272	Particulate Weighing Room
220	CVS	243	Hybrid / EV Equipment	280	Alcohol Measurement
230	Analyzer Bench	244	Gas Bottle	281	INNOVA
231	Drift Check – Zero	249	Site Computer / Software	282	Impinger Bench
232	Drift Check – Span	250	Canister Load	290	Fuel Bay
233	FID Fuel	260	SHED		

Laboratory

300	Other	320	Environmental Conditions	330	Laboratory Power Failure
310	Alarm	321	Soak Temperature	331	Site Power Failure
		322	Cell Temperature	332	Clean Power Failure
		323	Humidity Control	333	DTE Power Failure

Manufacturer

400	Other	418	Canister	435	Shift Schedule
410	Vehicle	419	No Start	436	Starting / Setup Instructions
411	Exhaust Leak	430	Incorrect Information	440	Vehicle Maint. Not Done
415	Equipment Installation	431	Road Load Coeff. / Inertia	450	Request to Not Test
416	Fuel Leak			499	Vehicle Performance

Contractor

500	Other	518	Canister	535	Shift Schedule
510	Vehicle	519	No Start	536	Starting / Setup Instructions
511	Exhaust Leak	530	Incorrect Information	540	Vehicle Maint. Not Done
515	Equipment Installation	531	Road Load Coeff. / Inertia	550	Request to Not Test
516	Fuel Leak				

Project Officer

600	Other	618	Canister	635	Shift Schedule
610	Vehicle	619	No Start	636	Starting / Setup Instructions
611	Exhaust Leak	630	Incorrect Information	640	Vehicle Maint. Not Done
615	Equipment Installation	631	Road Load Coeff. / Inertia	650	Request to Not Test
616	Fuel Leak				

Miscellaneous

700 Other

Appointment

From: Cullen, Daniel [Cullen.Daniel@epa.gov]
Sent: 6/17/2020 7:25:44 PM
To: Cullen, Daniel [cullen.daniel@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Rojeck, Tristin [rojeck.tristin@epa.gov]; Wright, DavidA [Wright.DavidA@epa.gov]

Subject: Drive Mode Presentation - Modification for AI
Attachments: Why we need to address Shift Modes.pptx
Location: Microsoft Teams Meeting

Start: 6/18/2020 7:00:00 PM
End: 6/18/2020 8:00:00 PM
Show Time As: Busy

Required Attendees: Wehrly, Linc; Rojeck, Tristin; Wright, DavidA

We will review the attached presentation and edit it prior to sharing it with the Alliance of Automotive Innovators

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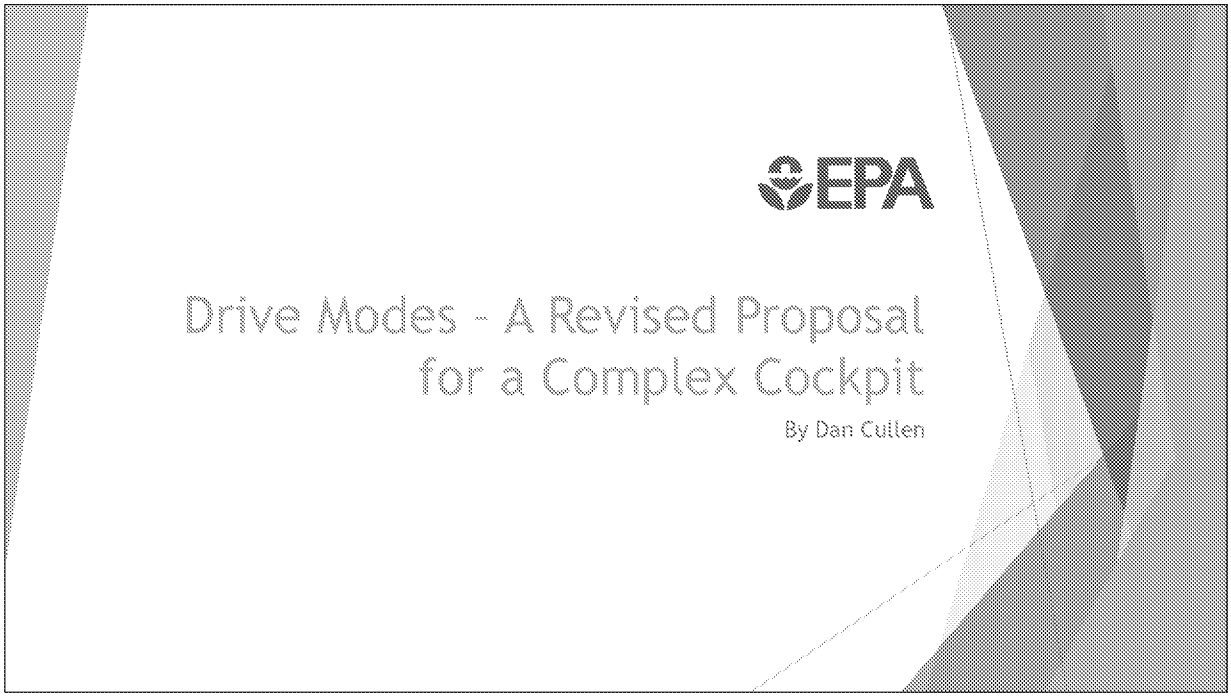
Join Microsoft Teams Meeting

Ex. 6 Personal Privacy (PP) es, Ann Arbor (Toll)

Local numbers | Reset PIN | Learn more about Teams | Meeting options

By participating in EPA hosted virtual meetings and events, you are consenting to abide by the agency's terms of use. In addition, you acknowledge that content you post may be collected and used in support of FOIA and eDiscovery activities.


EPA
Drive Modes - A Revised Proposal
for a Complex Cockpit
By Dan Cullen

Drive Modes

- Current EPA drive mode policy is set by CD-09-19, From 2009
- Basic policy - do a "survey" of 50 customers if you have multiple "modes"
- Modes not well defined
- CD-09-19 did not address/consider:
  - Situations where modes go beyond transmission shifting
  - Engine stop/start mode defeats
  - Hybrid recharging modes
  - BEV adjustments (1-pedal driving, multiple regeneration rates, creep features)

Drive Modes Continued

1. Most conventional ICE data shows that drivers do not use these features
2. Most manufacturers have a default drive mode
3. Combine the 1st point with the 2nd point, and most vehicles get FE testing in default mode.
4. Many manufacturer use a different mode to do EDV testing. I.E. sport mode because they consider it "worst-case"
5. Litmus values are calculated from the official EDV tests.
6. It has been suggested that some manufacturers tune sport mode so that they will pass the litmus test
7. Combine the 1st point with the 4th point, and all of our official emission data may be from modes that are rarely, if ever, used

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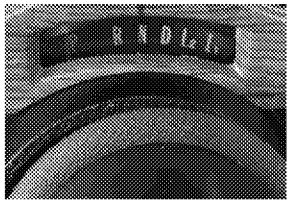
Drive Mode History – Early Times

- In the olden days:



Three speeds, no modes, life was simple!

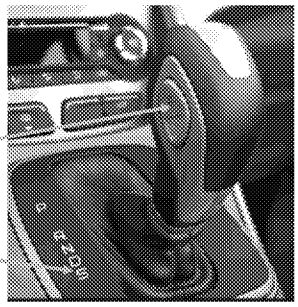
One mode - Drive (EPA long ago proclaimed L2 & L1 operation non-standard)

Drive Mode History – Basic Options

- Complexity Increases:

Select Shift

Sport Mode



Two modes and "Select Shift" (SST)

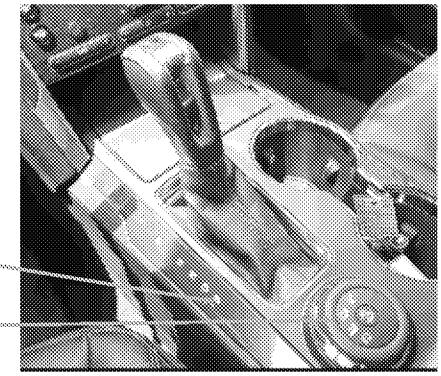
U.S. Environmental Protection Agency

The two modes are Drive (D) and Sport. Currently, several large manufacturers test in Sport as worst-case. At least one manufacturer has stated that other manufacturer's are using sport mode as a way to ensure they never have to do 5-cycle litmus testing.

Drive Mode History - Complexity Proliferates!

- Complexity increases:

Select Shift is now on the Steering Wheel

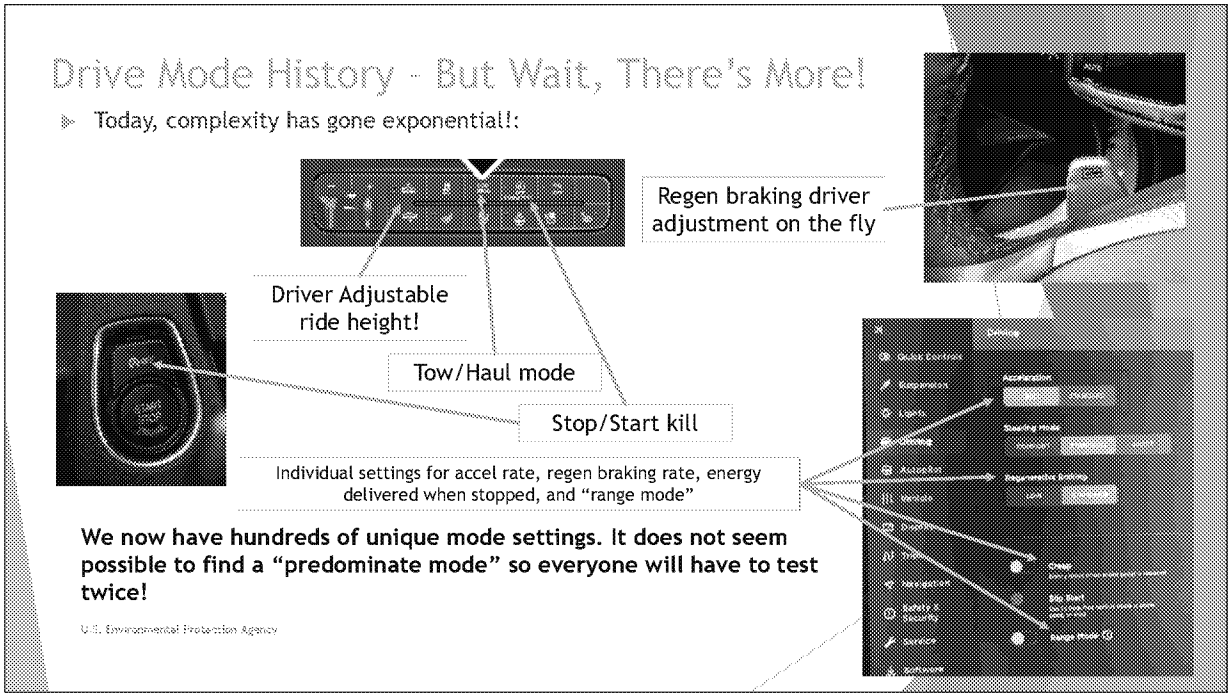


How many modes in this picture? How many are unique?

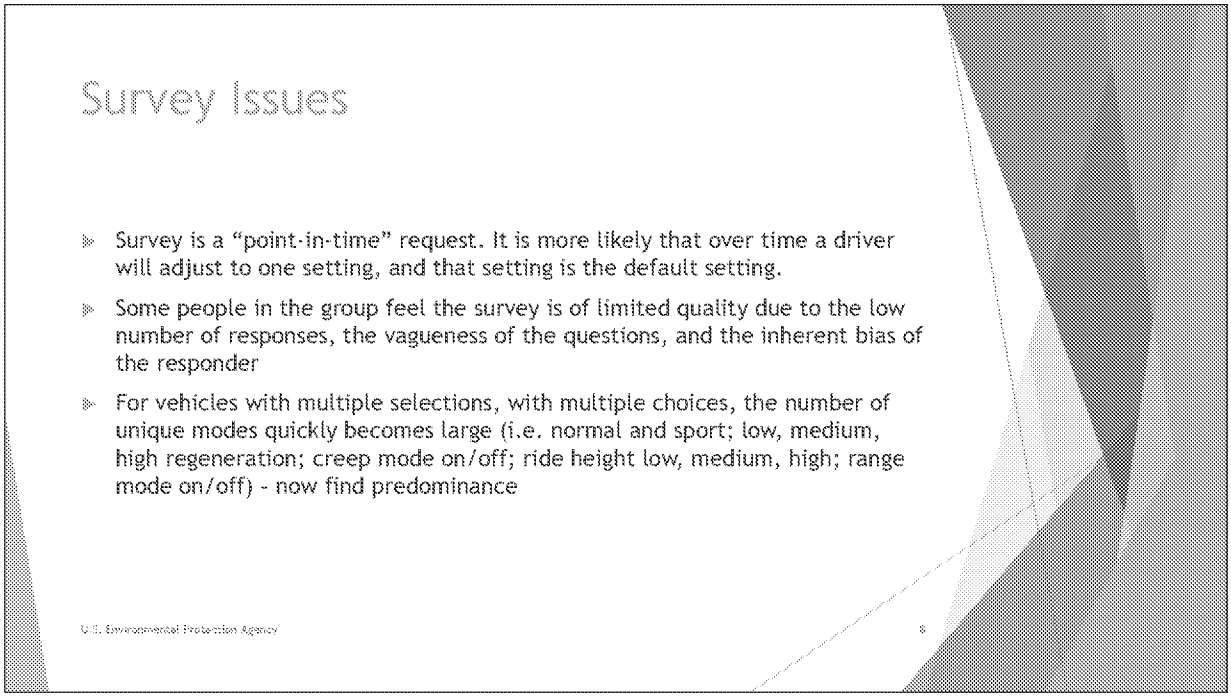
We now have multiple unique situations, i.e. what if the shifter is in "Sport" mode, the selector is in snow mode, and the operator presses the "-" paddle?

U.S. Environmental Protection Agency

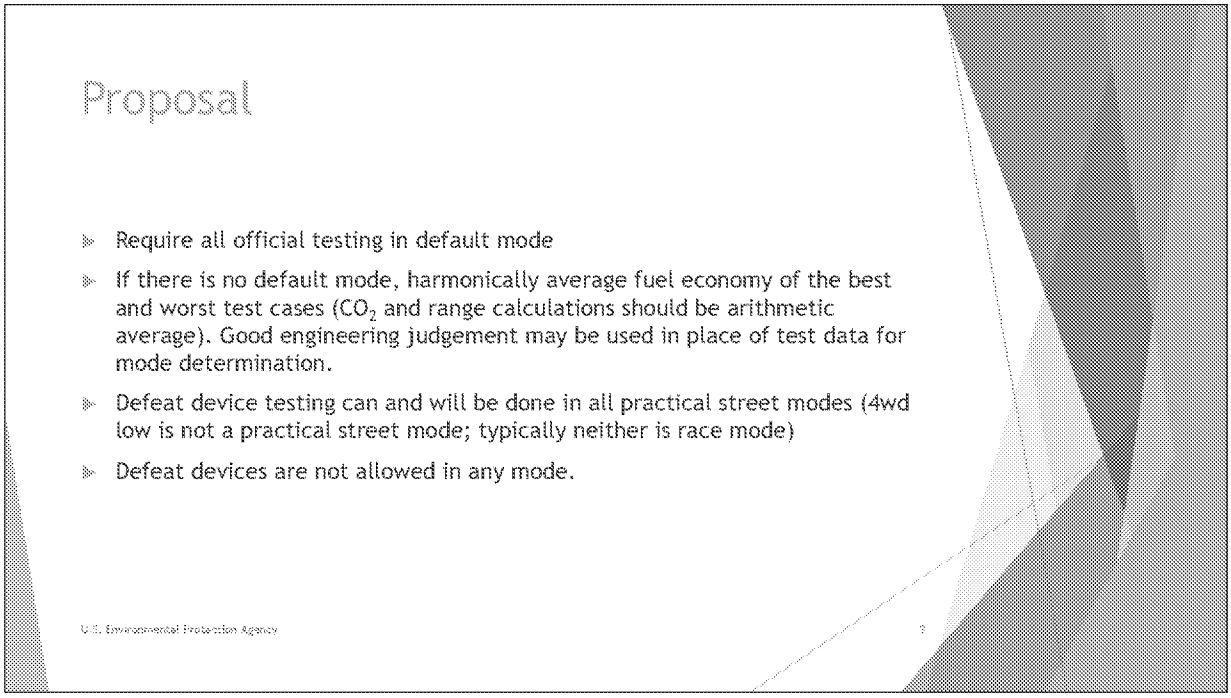
The number of modes is an open question here, it depends upon how the settings on the mode wheel work. Definitely have Sport, Drive, and manual shifting.



Top picture is from a Ram, regen braking paddle is from a BEV. Menu screen is older Tesla, and I don't know where the stop/start & engine start button came from.



The survey only tries to get 50 answers, not many. People who doesn't use the feature seem less likely to respond. How do you accurately respond to "how often do you manually shift?" If I shift one time in a 7 mile drive, how should I count that? It is all unclear.



The last two bullet points will be spelled out in our interpretation letter. Bullet point 2 - §600.008(a)(1)(ii) calls for arithmetic averaging of CO2 data, not sure on range.

Proposal - Advantages and Disadvantages

- Advantages
  - Better overall representation of emissions and fuel economy in real-world usage
  - Less official testing
  - Eliminate the opportunity to game the litmus test requirement using modified shift modes
  - Encourages vehicles to be most efficient in default mode.
  - Encourages vehicles to have a default mode
  - Manufacturer will need to spend time calculating or measuring actual effects of these features (EPA standpoint)
- Disadvantages
  - If the manufacturer makes the default mode "un-drivable" users may switch modes or turn-off features every drive, but only if they know how and remember.
  - We will have a blind spot to what drivers are doing due to the lack of survey data
  - Manufacturer will need to spend time calculating or measuring actual effects of these features (manufacturer standpoint)
  - Manufacturers without default modes may complain about testing twice, rather than establishing a default mode
  - Consumers may prefer vehicles without energy saving features always active (i.e. stop start)
  - Consumers who consistently use certain features may experience fuel economy different from the label value and complain

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EPA
CONTACT INFO:
Dan Cullen
4-4233

Message

From: Waltzer, Sam [Waltzer.Sam@epa.gov]
Sent: 4/5/2018 2:17:28 PM
To: Simon, Karl [Simon.Karl@epa.gov]
CC: Johnson, Dennis [Johnson.Dennis@epa.gov]
Subject: Updated -- For review - draft one-pager for Chris on commercial electric vehicles
Attachments: Commercial Electric Overview 20180404v2 .docx

Attached is an updated version of the one-pager on commercial electric vehicles. It primarily highlights the major approaches to electrification/hybridization by providing examples of current offerings. I can nest some additional facts about each if it's helpful.

Sam

Sam Waltzer
USEPA SmartWay Technology
waltzer.sam@epa.gov
Office: (202) 343-9175

From: Simon, Karl
Sent: Wednesday, April 04, 2018 10:10 PM
To: Waltzer, Sam <Waltzer.Sam@epa.gov>
Cc: Johnson, Dennis <Johnson.Dennis@epa.gov>
Subject: RE: For review - draft one-pager for Chris on commercial electric vehicles

Thanks – don't think we need to get too much into the policy as Chris is familiar with that part. Let's focus on the facts.

From: Waltzer, Sam
Sent: Wednesday, April 4, 2018 4:49 PM
To: Simon, Karl <Simon.Karl@epa.gov>
Cc: Johnson, Dennis <Johnson.Dennis@epa.gov>
Subject: For review - draft one-pager for Chris on commercial electric vehicles

Karl,

For your review, I've attached an initial draft one-pager on commercial electric vehicles that can provide Chris with an overview of the current state and some key aspects commercial vehicle electrification. I've asked a few others in TCD to take a look tomorrow as well.

Regards,

Sam

Sam Waltzer
USEPA SmartWay Technology
waltzer.sam@epa.gov
Office: (202) 343-9175

Message

From: Moltzen, Michael [Moltzen.Michael@epa.gov]
Sent: 9/10/2020 6:12:52 PM
To: Simon, Karl [Simon.Karl@epa.gov]
Subject: FW: New docs for the GVG
Attachments: EV chargers 071420.docx; Draft EV Myths 082720.docx; Draft_What If-second car EV_08-27-20.docx; What If Airplanes Looked Like Stingrays_draft_clean.docx

Sharing for awareness that Erin shared these materials with Sarah today.

From: Birgfeld, Erin <Birgfeld.Erin@epa.gov>
Sent: Thursday, September 10, 2020 8:11 AM
To: Dunham, Sarah <Dunham.Sarah@epa.gov>
Cc: Moltzen, Michael <Moltzen.Michael@epa.gov>
Subject: New docs for the GVG

Dear Sarah,

Attached are 4 new documents for the GVG. They have been in the works with the team for a while and are ready to go to Millett and the web team for review.

1) EV Charging Infrastructure
2) EV Myths
3) What If: "What if your other car was an EV?"
4) What If: Blended wing body airplanes

Let me know if you have any questions, or concerns.

Thank you!

-Erin

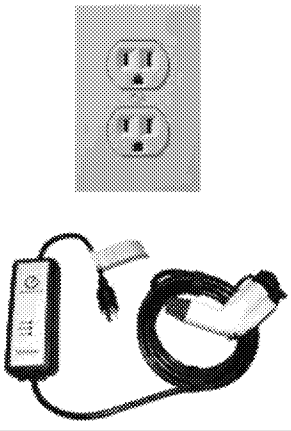
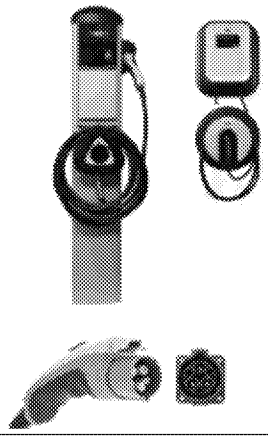
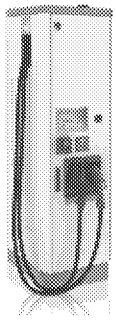
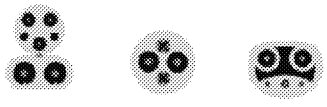
How do I charge my Plug-in Electric Vehicle?

Charging your all-electric vehicle (EV) or plug-in hybrid electric vehicle (PHEV)–together known as plug-in electric vehicles (PEVs)–is similar to charging your other electronics. One end of an electrical cord is plugged into your car, and the other end is plugged into a power source or charging equipment.

There are three categories of charging equipment based on how quickly each can recharge a car's battery. Charging times for PEVs are also affected by:

- How much the battery is depleted
- How much energy the battery can store
- The type of battery
- Temperature

Charger Fast Facts

Charging Options	**Level 1 (120v)**	**Level 2 (240v)**	**Direct-current (DC) Fast Charging**
			
What does the charge port on the vehicle look like?	J1772	J1772	 CCS CHAdeMO Tesla combo
How fast do they charge?	2–5 miles per 1 hour of charging	10–20 miles per 1 hour of charging	At least 60 miles per 20 minutes of charging. Charging time may be shorter depending on station power.*
Where can I find them?	• In your house/garage • Possibly at your apartment/condo and workplace	• In your house/garage (You will need additional equipment)	• At public charging stations

[PAGE * MERGEFORMAT]

	• No need to install anything; most automakers provide charger cords	• Possibly at your apartment/condo and workplace • At public charging stations	• Limited availability, though becoming more common

*Higher powered DC Fast stations that charge cars more quickly are becoming available, along with vehicle models that can accept the faster charge.

[HYPERLINK "https://afdc.energy.gov/fuels/electricity_infrastructure.html"]

Does Level 1 charging look familiar? It's the same outlet you use for your cell phone and toaster! And the Level 2 outlet is the same kind of outlet you use for your dryer and other high-powered appliances. You can plug your car directly into the 120V outlet, but you will need the appropriate Electric Vehicle Supply Equipment (EVSE) to charge a PEV via the 240V outlet.

Frequent Questions about PEV Charging

Can I use any charger?

Not yet. All PEVs can use Level 1 and Level 2 (non-Tesla) chargers. DC Fast Charging, however, is vehicle-specific and not available for all PEVs. If your PEV has DC Fast charging capabilities, it has one of the three types of fast charging ports – CHAdeMO, CCS, or Tesla. Vehicles' charging ports vary by auto manufacturer, so make sure to check which connector is compatible with your vehicle before charging.

Fortunately, many DC Fast charging stations now provide multiple connector options in order to service as many EVs as possible. You can check if a specific station has your vehicle's connector in DOE's Alternative Fuel Data Center's station locator. [HYPERLINK "https://afdc.energy.gov/fuels/electricity_locations.html" \l "/find/nearest?fuel=ELEC"]

Is my PEV-charging experience similar to filling up my car at a gas station?

In some ways, yes:

- Like a hose to a gas pump, charging a PEV is plugging an electric cord into an outlet/charger.
- Like gas stations, there are public charging stations, where you pull off the road and fill up (i.e., charge).

In other ways, charging a PEV is different:

- If you have a home charging option, and typically don't travel beyond your car's range, almost all your charging can be done at home. No more gas station stops.
- Workplace charging is becoming a more common option. Rarely do you have access to a gas pump at your office.

- Fully charging your PEV at a public charging station does take longer than the usual 5-10 minutes spent filling your car at a gas station (see chart above), although you could "top up" at a public station, then finish charging when you get home.
- There are still far more gas stations than public charging stations, so vehicle charging may require a bit more planning when you hit the road with your PEV.

How do I pay to charge my PEV?

For public charging stations, payment is by credit card at the pump, by a mobile app, or a monthly subscription service. And sometimes public charging is even free! If you charge at home, the cost will be included in your monthly electric bill, just like you pay for the electricity use of home appliances.

Can I get reimbursed for installing a charger at home or at my workplace?

There may be federal, state, or utility incentives available for installing a level 2 charger. [HYPERLINK "https://afdc.energy.gov/laws/search"].

Ready to buy an EV charger? Installing an energy efficient, [HYPERLINK "https://www.energystar.gov/products/other/ev_chargers"] adds to the environmental benefits and cost savings.

How does the cost of charging compare to gasoline?

It depends. The price of gasoline and electricity varies around the country, but it is typically cheaper to charge a PEV than to fill up a gas tank. [HYPERLINK "https://fueleconomy.gov/feg/savemoney.jsp" \h] is a great place to compare refueling costs of a plug-in electric vehicle that recharges at home with a gasoline vehicle. The calculator allows you to personalize fuel prices* and driving habits when comparing two vehicles. The results provide fuel cost comparisons by week, month, year, or over 10 years.

*Visit U.S. Energy Information Agency website to find your state's [HYPERLINK "https://www.eia.gov/electricity/state/"] (cents/kWh) and [HYPERLINK "https://www.eia.gov/petroleum/gasdiesel/"].

Electric Vehicle Myths

Myth #1: Electric vehicles are worse for the climate than gasoline cars because of the power plant emissions.

Fact: Electric vehicles typically have a smaller carbon footprint than gasoline cars, even when accounting for the electricity used for charging.

Electric vehicles (EVs) have no tailpipe emissions. Generating the electricity used to charge EVs, however, may create carbon pollution. The amount varies widely based on the how local power is generated, e.g., using coal or natural gas, which emit carbon pollution, versus renewable resources like wind or solar, which do not. Even accounting for these electricity emissions, EVs are typically responsible for lower levels of greenhouse gases (GHGs) than an average new gasoline car. To the extent that more renewable energy sources like wind and solar are used to generate electricity, the total GHGs associated with EVs will be even lower. [HYPERLINK "https://www.epa.gov/energy/power-profiler" \l "/"]area.

EPA and DOE's [HYPERLINK "https://www.fueleconomy.gov/feg/Find.do?action=bt2"] can help you estimate the greenhouse gas emissions associated with charging and driving an EV or a plug-in hybrid electric vehicle (PHEV) where you live. You can select an EV or PHEV model and type in your zip code to see the CO_2 emissions and how they stack up against those associated with a gasoline car.

Myth #2: Electric vehicles don't have enough range to handle daily travel demands.

Fact: Electric vehicle range is more than enough for typical daily use in the U.S.

Electric vehicles (EVs) have sufficient range to cover a typical household's daily travel, which is approximately 50 miles on average per day.[1] The majority of households (roughly 85%) travel under 100 miles on a typical day. Most EV models go above 100 miles on a fully-charged battery, with nearly all new models traveling more than 200 miles on a single charge. And automakers have announced plans to release even more long-range models in the coming years.

Range estimates for specific EVs are available from the *Find A Car* tool on [HYPERLINK "https://www.fueleconomy.gov/feg/findacar.shtml"]—click on the car you are interested in, and check out the "EPA Fuel Economy" line in the table.

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[1] US DOT FHWA (2018). 2017 National Household Travel Survey. [HYPERLINK "https://nhts.ornl.gov/"]

How you drive your vehicle and the driving conditions, including hot and cold weather, also affect the range of an electric vehicle; for instance, [HYPERLINK "https://www.energy.gov/eere/electricvehicles/maximizing-electric-cars-range-extreme-temperatures"]found range could decrease by more than 25% due to cold temperatures and the use of heat.[2] Visit [HYPERLINK "https://energy.gov/eere/electricvehicles/maximizing-electric-cars-range-extreme-temperatures"] to get tips on maximizing your electric car's range in extreme temperatures.

Myth #3: Electric vehicles only come as sedans.

Fact: Electric vehicles now come in a variety of shapes and sizes.

A quick search on [HYPERLINK "http://www.fueleconomy.gov"] shows that electric vehicles (EVs) and plug-in hybrid electric vehicles (PHEVs) are now available in many vehicle classes, extending beyond small sedan/compact models. There are currently more than 40 PHEV and EV models on the market.[3] More models are being released in the coming years, so vehicle class options are likely to expand.

Myth #4: There is nowhere to charge.

Fact: Electric vehicles can be plugged into the same type of outlet as your toaster! When you need to charge while on the road, you'll find over 26,000 chargers in the U.S. available to the public.

Many people can meet their driving needs by plugging in only at home. Most electric vehicles (EVs) can be charged with a standard 120 V (Level 1) outlet. To charge the vehicle more quickly, you can install a dedicated 240 V (Level 2) outlet or charging system. And for those who live in apartments or condominiums, EV charging stations are becoming a more common building amenity.

---

[2] [HYPERLINK "https://gcc01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.energy.gov%2Feere%2Felectricvehicles%2Fmaximizing-electric-cars-range-extreme-temperatures&data=02%7C01%7Cgraff.michelle%40epa.gov%7C1f19ea35be2d4bcb2e1608d839766818%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637322527994731224&sdata=ows16fs3nMrn1UP9OxJiU0NF9DZEdljFZBKMk%2F5MqeU%3D&reserved=0"]; [HYPERLINK "https://gcc01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.aaa.com%2FAAA%2Fcommon%2FAAR%2Ffiles%2FAAA-Electric-Vehicle-Range-Testing-Report.pdf&data=02%7C01%7Cgraff.michelle%40epa.gov%7C1f19ea35be2d4bcb2e1608d839766818%7C88b378b367484867acf976aacbeca6a7%7C0%7C0%7C637322527994741220&sdata=hrhVL7%2FlYqMBDLtw0yuS0c%2BH3AvVJtmOHAUu4NJ6yFU%3D&reserved=0"].

[3] [HYPERLINK "https://www.anl.gov/es/light-duty-electric-drive-vehicles-monthly-sales-updates"]

Workplace charging is also becoming more widely available, and there are growing numbers of public charging stations. These stations can be found along highways, at grocery stores or other retail locations, and in public garages. As of mid-2020, there are over 28,000 stations available nationally.[4] Most of these stations have Level 2 chargers, providing 10–20 miles of range per hour, but increasing numbers of higher-powered DC Fast charging stations are becoming available, delivering 60 miles or more of range in 20 minutes or less. [HYPERLINK "https://www.energy.gov/eere/electricvehicles/vehicle-charging"].

The [HYPERLINK "https://www.afdc.energy.gov/fuels/electricity_locations.html"], and associated app for mobile devices,[5] provides locations of all public charging stations in the U.S., and is updated regularly. [6] Several automakers have charging station location information built into their onboard information systems, and many apps, including popular navigation ones, also provide charging station locations.

Myth #5: Electric vehicles are worse for the climate than gasoline cars because of battery manufacturing.

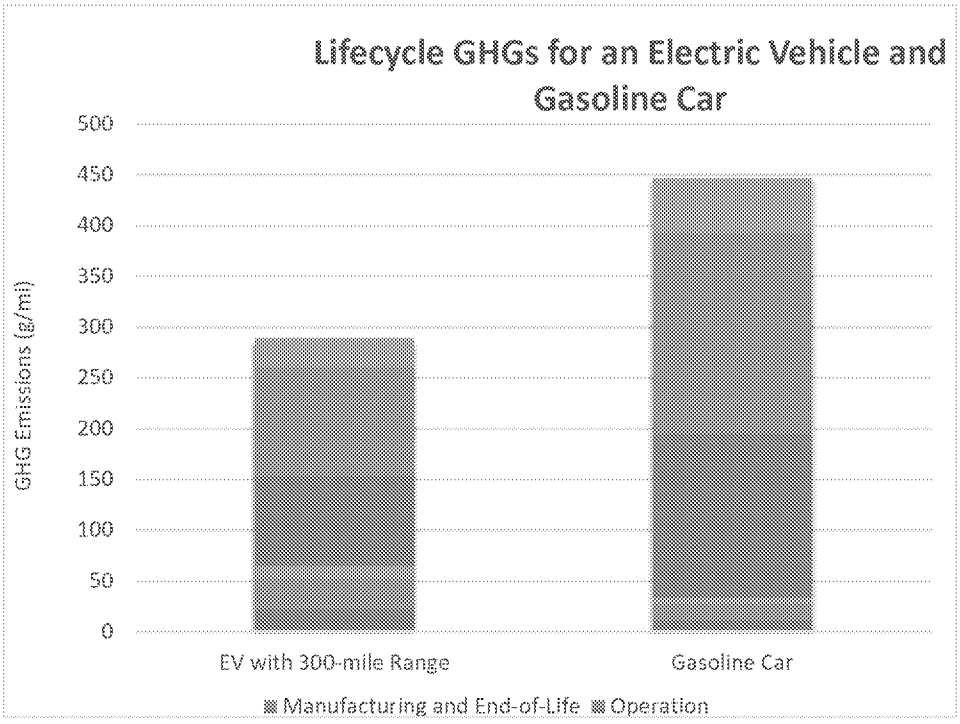
Fact: The greenhouse gas emissions associated with an electric vehicle over its lifetime are typically lower than those from an average gasoline-powered vehicle, even when accounting for manufacturing.

Making a typical electric vehicle (EV) can create more carbon pollution than making a gasoline car due to the additional energy required to manufacture an EV's battery. However, because EVs are usually responsible for significantly fewer GHGs during operation (see Myth 1 above), their lifetime emissions (from manufacturing, charging, and driving) are still typically lower than the total GHGs associated with a gasoline car.

For example, researchers at Argonne National Laboratory estimated emissions for both a gasoline car and an EV with a 300-mile electric range. While GHGs from EV manufacturing are higher (shown in blue below), total GHGs for the EV are still significantly lower than those for the gasoline car.

[4] There are also over 5,000 Tesla-only stations available.

[5] Search for "Alternative Fueling Stations" in your phone's app store. The developer is National Renewable Energy Laboratory.



Estimates shown from [HYPERLINK "https://greet.es.anl.gov/"] are intended to be illustrative only. Emissions will vary based on assumptions about the specific vehicles being compared, EV battery size and chemistry, vehicle lifetimes, and the electricity grid used to recharge the EV among other factors.

Above, the blue bars include vehicle manufacturing (e.g., extracting materials, manufacturing and assembling parts, and vehicle assembly) and end-of-life (recyling or disposal). Orange bars include both tailpipe emissions and the upstream emissions associated with producing gasoline or electricity (U.S. mix).

Recyling EV batteries can reduce the emissions associated with making an EV by reducing the need for new materials. While some challenges exist today, research is ongoing to improve the process and rate of EV battery recycling. See the U.S. Department of Energy's [HYPERLINK "https://www.anl.gov/article/doe-launches-its-first-lithiumion-battery-recycling-rd-center-recell"] for more information.

Message

From: Waltzer, Sam [Waltzer.Sam@epa.gov]
Sent: 4/5/2018 7:05:11 PM
To: Simon, Karl [Simon.Karl@epa.gov]
CC: Johnson, Dennis [Johnson.Dennis@epa.gov]
Subject: RE: Updated -- For review - draft one-pager for Chris on commercial electric vehicles
Attachments: Commercial Electric Overview 20180404v3.docx

Makes sense. I've added several recent market announcements that give a feel for what's happening in the market. Please see the second page.

- Sam

Sam Waltzer
USEPA SmartWay Technology
waltzer.sam@epa.gov
Office: (202) 343-9175

From: Simon, Karl
Sent: Thursday, April 05, 2018 1:59 PM
To: Waltzer, Sam <Waltzer.Sam@epa.gov>
Cc: Johnson, Dennis <Johnson.Dennis@epa.gov>
Subject: RE: Updated -- For review - draft one-pager for Chris on commercial electric vehicles

One thought – sorry. Can you add in a few of the market announcements on Tesla, Nikola and other relevant ones? Thinking about Walmart and Fed ex purchases for Tesla and Nikola production in AZ and TN as a start. thanks

From: Waltzer, Sam
Sent: Thursday, April 05, 2018 10:17 AM
To: Simon, Karl <Simon.Karl@epa.gov>
Cc: Johnson, Dennis <Johnson.Dennis@epa.gov>
Subject: Updated -- For review - draft one-pager for Chris on commercial electric vehicles

Attached is an updated version of the one-pager on commercial electric vehicles. It primarily highlights the major approaches to electrification/hybridization by providing examples of current offerings. I can nest some additional facts about each if it's helpful.

Sam

Sam Waltzer
USEPA SmartWay Technology
waltzer.sam@epa.gov
Office: (202) 343-9175

From: Simon, Karl
Sent: Wednesday, April 04, 2018 10:10 PM
To: Waltzer, Sam <Waltzer.Sam@epa.gov>
Cc: Johnson, Dennis <Johnson.Dennis@epa.gov>
Subject: RE: For review - draft one-pager for Chris on commercial electric vehicles

Thanks – don't think we need to get too much into the policy as Chris is familiar with that part. Let's focus on the facts.

From: Waltzer, Sam
Sent: Wednesday, April 4, 2018 4:49 PM
To: Simon, Karl <Simon.Karl@epa.gov>
Cc: Johnson, Dennis <Johnson.Dennis@epa.gov>
Subject: For review - draft one-pager for Chris on commercial electric vehicles

Karl,

For your review, I've attached an initial draft one-pager on commercial electric vehicles that can provide Chris with an overview of the current state and some key aspects commercial vehicle electrification. I've asked a few others in TCD to take a look tomorrow as well.

Regards,

Sam

Sam Waltzer
USEPA SmartWay Technology
waltzer.sam@epa.gov
Office: (202) 343-9175

Message

From: Daniels, Jessica [daniels.jessica@epa.gov]
Sent: 9/23/2020 7:59:36 PM
To: Simon, Karl [Simon.Karl@epa.gov]; Snapp, Lisa [snapp.lisa@epa.gov]; Graff, Michelle [graff.michelle@epa.gov]; Burke, Susan [Burke.Susan@epa.gov]; Cleveland, Meredith [Cleveland.Meredith@epa.gov]
Subject: RE: Future Mobility Engagement
Attachments: Transportation Electrification for Municipalities v9.docx

Hi Karl,
Attached is the draft resource guide text, in case you'd like a peek.
The two key sections start on page 8.
Thanks,
jessica

-----Original Appointment-----
From: Simon, Karl <Simon.Karl@epa.gov>
Sent: Friday, September 11, 2020 12:42 PM
To: Simon, Karl; Daniels, Jessica; Snapp, Lisa; Graff, Michelle; Burke, Susan; Cleveland, Meredith
Subject: Future Mobility Engagement
When: Wednesday, September 23, 2020 4:00 PM-4:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

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Purpose of Meeting: Check-in on progress and next steps

Message

From: Chang, Ray [Chang.Ray@epa.gov]
Sent: 1/28/2021 3:06:04 PM
To: Simon, Karl [Simon.Karl@epa.gov]; Johnson, Dennis [Johnson.Dennis@epa.gov]; Bynum, Cheryl [bynum.cheryl@epa.gov]; Kearns, Denise [kearns.denise@epa.gov]
CC: Junga, Eric [Junga.Eric@epa.gov]; Hawkins, Julie [Hawkins.Julie@epa.gov]; Sze, Chien [Sze.Chien@epa.gov]
Subject: RE: Battery Electric Designated Tractor
Attachments: Battery Electric Designated Tractor 2021 01 28.docx

Hi Karl, Team,

Please see attached doc for the 10:30am meeting regarding Battery Electric Designated Tractor. This meeting is meant to be an informal conversation about options and direction.

Hope all is well!
V/R
Ray

-----Original Appointment-----
From: Simon, Karl <Simon.Karl@epa.gov>
Sent: Friday, January 8, 2021 12:05
To: Simon, Karl; Johnson, Dennis; Bynum, Cheryl; Kearns, Denise; Chang, Ray
Cc: Junga, Eric; Hawkins, Julie; Sze, Chien
Subject: Battery Electric Designated Tractor
When: Thursday, January 28, 2021 10:30-11:15 (UTC-05:00) Eastern Time (US & Canada).
Where: Microsoft Teams Meeting

Microsoft Teams meeting

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Or call in (audio only)

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Message

From: Charmley, William [charmley.william@epa.gov]
Sent: 2/4/2021 2:58:24 PM
To: Olechiw, Michael [olechiw.michael@epa.gov]; Moran, Robin [moran.robin@epa.gov]
CC: Lieske, Christopher [lieske.christopher@epa.gov]; Bolon, Kevin [Bolon.Kevin@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Sherwood, Todd [sherwood.todd@epa.gov]; Kataoka, Mark [Kataoka.Mark@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Orlin, David [Orlin.David@epa.gov]
Subject: Material for the Friday OAR meeting
Attachments: Agenda for Feb 5 OAR LDV meeting, v2.docx; OEM Message Highlights_OAR briefing_Feb 5 2021_draft, v2.pptx; LD GHG Programs Comparison chart_ver3.pptx

Importance: High

Robin and Mike –

Attached are the material. I made updates to the two documents you sent to me, and you will find an updated Agenda. Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP)

Ex. 5 Deliberative Process (DP) so I have left that topic off the Agenda.

Ex. 5 Deliberative Process (DP)

Robin – if you are able to review this and send the draft material to Sarah by noon or 1pm today for her review (via OTAQ materials) that would be great.

Thanks
Bill

Message

From: Moran, Robin [moran.robin@epa.gov]
Sent: 1/26/2021 4:49:48 PM
To: OTAQ Materials [OTAQMaterials@epa.gov]
CC: Charmley, William [charmley.william@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Olechiw, Michael [olechiw.michael@epa.gov]; Orlin, David [Orlin.David@epa.gov]; Kataoka, Mark [Kataoka.Mark@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Ellies, Ben [ellies.ben@epa.gov]; Lieske, Christopher [lieske.christopher@epa.gov]
Subject: Materials for today's 2:30pm with Sarah: "Light-Duty Vehicles Bi-Weekly"
Attachments: AGENDA_LDV BiWeekly w Sarah_Jan 26 2021.docx; EV Upstream Emissions Comparison.pptx; OEM Meeting Highlights_Jan 26 2021.pptx; Treatment of Upstream Emissions in LD GHG Program_Jan 26 2021.docx

Hello,

Attached are 4 materials for our 2:30pm LDV BiWeekly with Sarah.

Thank you.
Robin

Robin Moran
Senior Policy Advisor
U.S. EPA, Office of Transportation and Air Quality
2000 Traverwood Dr.
Ann Arbor, MI 48105
(734) 214-4781

Message

From: Moran, Robin [moran.robin@epa.gov]
Sent: 1/7/2021 4:39:25 PM
To: OTAQ Materials [OTAQMaterials@epa.gov]
CC: Charmley, William [charmley.william@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Barba, Daniel [Barba.Daniel@epa.gov]; Olechiw, Michael [olechiw.michael@epa.gov]; Machiele, Paul [machiele.paul@epa.gov]
Subject: Materials for Friday's (Jan 8) 2pm w/Sarah: OEM Stakeholder Meetings on LDVs
Attachments: OEM Meetings_Briefing for Sarah on Jan 8 2021_final.pptx

Here are the materials for our briefing with Sarah tomorrow (Friday, Jan 8) at 2pm on the upcoming OEM Stakeholder Meetings for LDVs.

Thanks,
Robin

Robin Moran
Senior Policy Advisor
U.S. EPA, Office of Transportation and Air Quality
2000 Traverwood Dr.
Ann Arbor, MI 48105
(734) 214-4781

Message

From: Moran, Robin [moran.robin@epa.gov]
Sent: 2/4/2021 4:21:30 PM
To: OTAQ Materials [OTAQMaterials@epa.gov]
CC: Charmley, William [charmley.william@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Orlin, David [Orlin.David@epa.gov]; Kataoka, Mark [Kataoka.Mark@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]; Olechiw, Michael [olechiw.michael@epa.gov]; Dickinson, David [Dickinson.David@epa.gov]
Subject: For Sarah's Review: Materials for Friday's (Feb 5) 11am OAR briefing "Light-Duty Vehicles Update"
Attachments: Agenda for Feb 5 OAR LDV meeting v2.docx; LD GHG Programs Comparison chart_ver4.pptx; OEM Message Highlights_OAR briefing_Feb 5 2021_draft v3.pptx

Hi Sarah,

Here are the draft materials for our LDV update with OAR tomorrow, including:

- Agenda

- Material for agenda item #3: Comparison of the 2012, SAFE, and CA Frameworks with highlights on some key decision issues for the SAFE2 Redo rule (2 slides)

- Material for agenda item #4: Highlights of our recent OEM meetings, a higher level version of what we shared with you last week (7 slides)

Thanks for any feedback.

Robin

Robin Moran
Senior Policy Advisor
U.S. EPA, Office of Transportation and Air Quality
2000 Traverwood Dr.
Ann Arbor, MI 48105
(734) 214-4781

Message

From: Moran, Robin [moran.robin@epa.gov]
Sent: 2/4/2021 9:22:42 PM
To: OAR Briefings [OAR_Briefings@epa.gov]
CC: OTAQ Materials [OTAQMaterials@epa.gov]; Charmley, William [charmley.william@epa.gov]; Simon, Karl [Simon.Karl@epa.gov]; Olechiw, Michael [olechiw.michael@epa.gov]; Dickinson, David [Dickinson.David@epa.gov]; Orlin, David [Orlin.David@epa.gov]; Kataoka, Mark [Kataoka.Mark@epa.gov]; Buchsbaum, Seth [buchsbaum.seth@epa.gov]
Subject: Materials for OAR Briefing on Friday Feb. 5, 11am "Light-Duty Vehicles Update"
Attachments: Agenda for Feb 5 OAR LDV meeting_final.docx; LD GHG Programs Comparison chart_final.pptx; OEM Message Highlights_OAR briefing_Feb 5 2021_final.pptx

Dear OAR,

Attached are the materials for OTAQ's briefing with the OAR leadership tomorrow (Friday, Feb. 5) at 11am, "Light-Duty Vehicles Update."

Thank you,
Robin Moran

Robin Moran
Senior Policy Advisor
U.S. EPA, Office of Transportation and Air Quality
2000 Traverwood Dr.
Ann Arbor, MI 48105
(734) 214-4781

Message

From: Dickinson, David [Dickinson.David@epa.gov]
Sent: 2/9/2021 5:31:28 PM
To: Simon, Karl [Simon.Karl@epa.gov]
Subject: for your consideration
Attachments: Dickinson Fresno hearing slides for TCD Presentation.pptx

Slides 3, 8, and or 9 for this Friday.

Also, wasn't sure what you meant by seeing slide 2 (Agenda) in your previous email.

David

Message

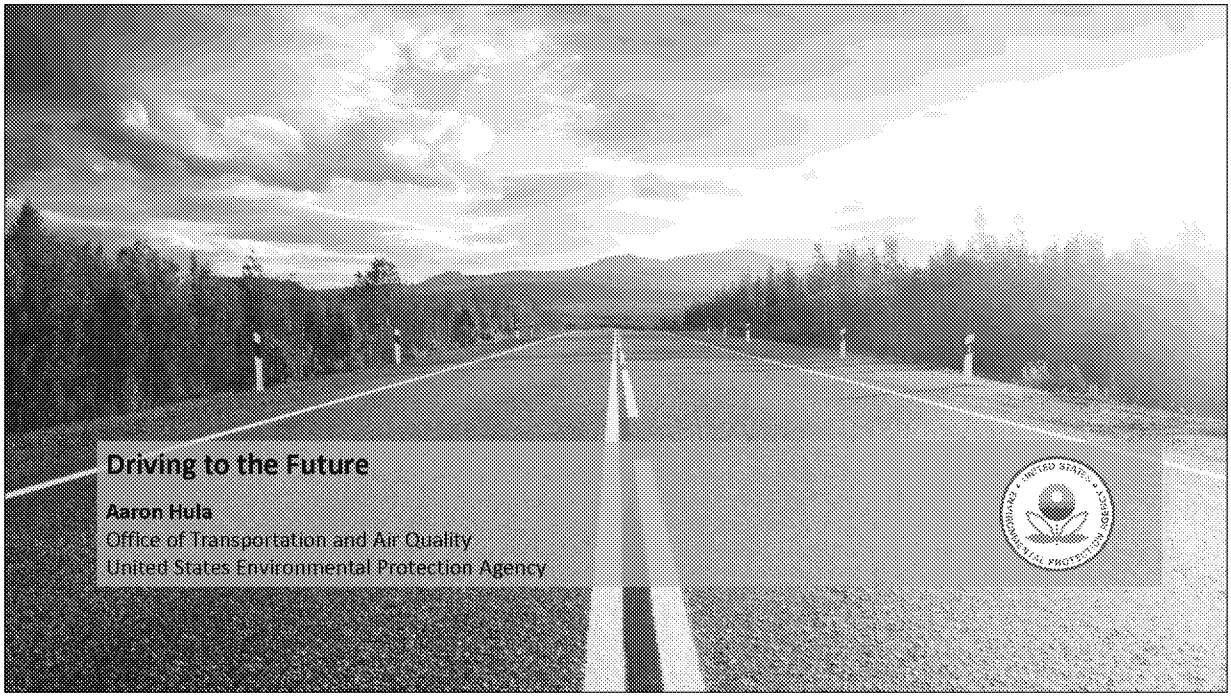
From: Hula, Aaron [Hula.Aaron@epa.gov]
Sent: 2/28/2021 6:26:56 PM
To: Simon, Karl [Simon.Karl@epa.gov]
CC: Snapp, Lisa [snapp.lisa@epa.gov]
Subject: "Future of Transportation" presentations
Attachments: TRB 2021.pptm; 2019_10_24 CAPCA presentation HULA.pptx; 2020_07_28 AVS energy and env HULA.pptx; 2020_02 CAV update.pptx

Karl,

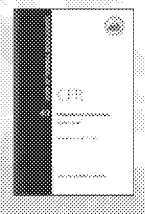
Attached are several presentations for you to look at. First is a set of slides from Lisa that are great, then the presentation I did at the end of 2019, my presentation at AVS last summer, and an update on CAVs for the SAEV team I gave a few weeks ago.

If you have any questions or are looking for anything else in particular feel free to let me know.

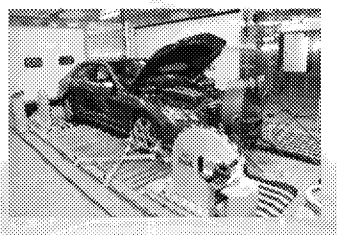
Thanks,
Aaron


Driving to the Future
Aaron Hula
Office of Transportation and Air Quality
United States Environmental Protection Agency

EPA OTAQ Responsibilities



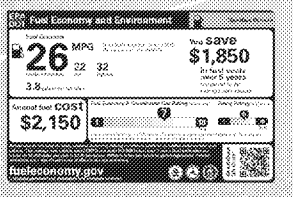
Develop and Implement Regulations



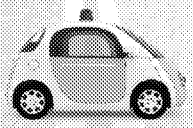
Conduct Emissions and Fuel Economy Testing

SmartWay Transport Partnership
Getting There With Cleaner Air

Coordinate Voluntary Partnerships



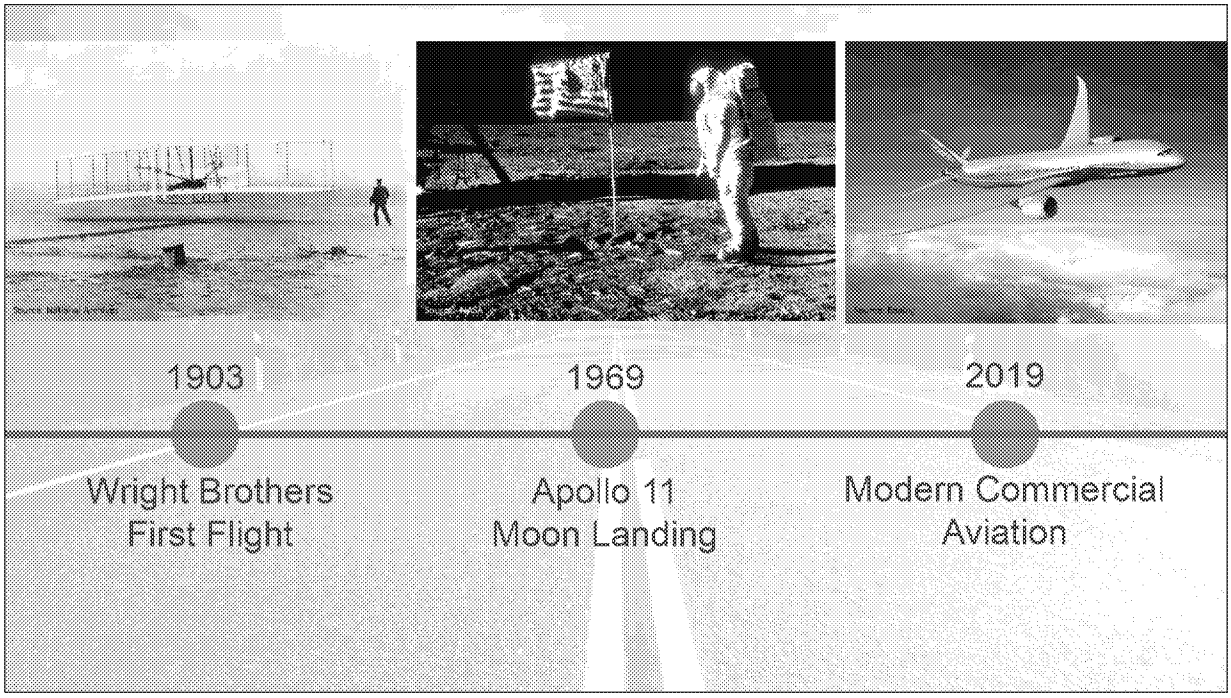
Provide Consumer Information



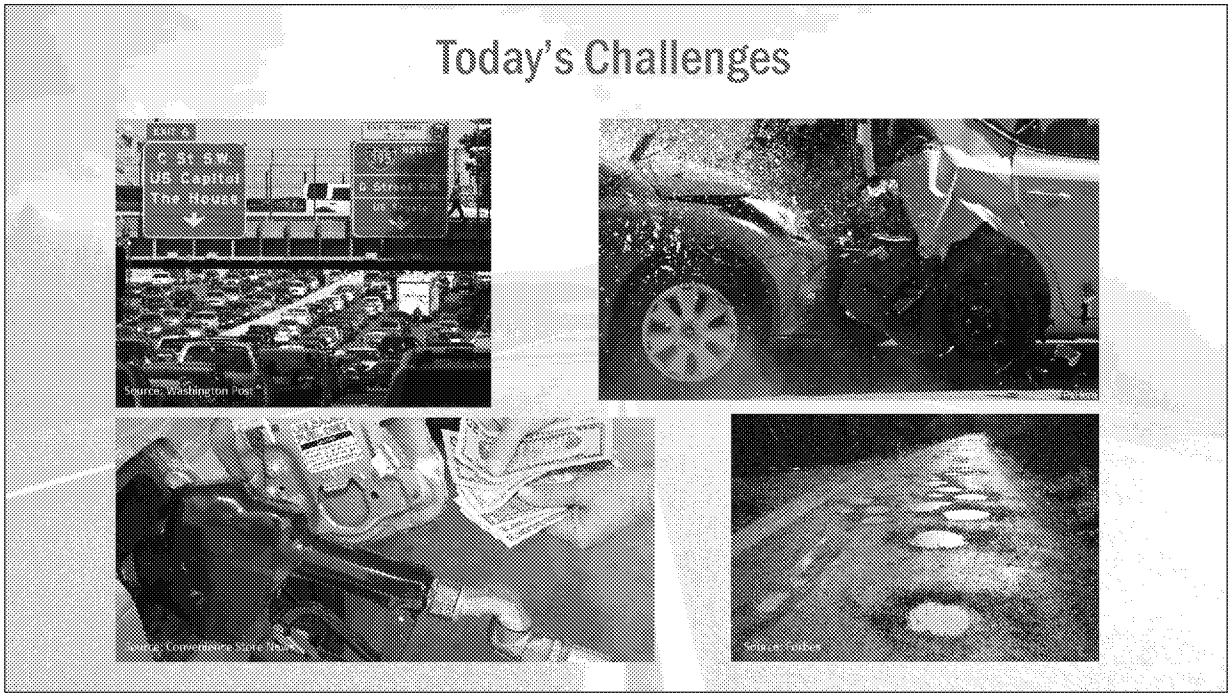
Benchmark and Evaluate Future Technology

MOVES
Motor Vehicle Emission Simulator

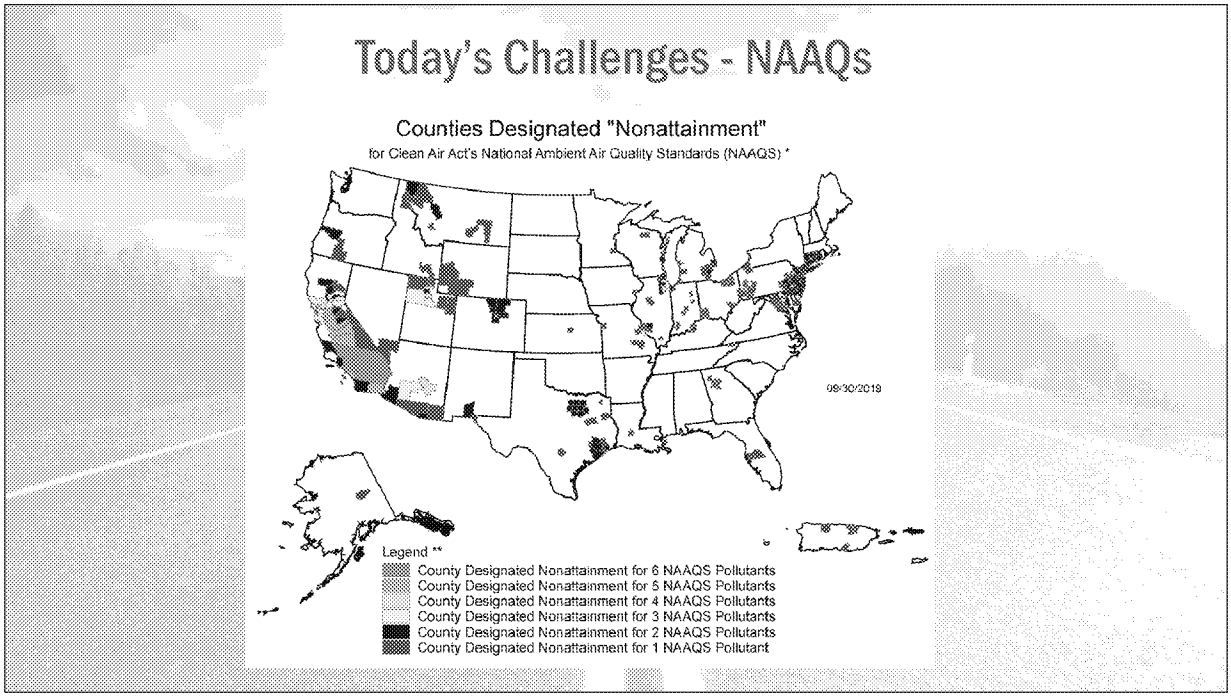
Develop and Support Modeling



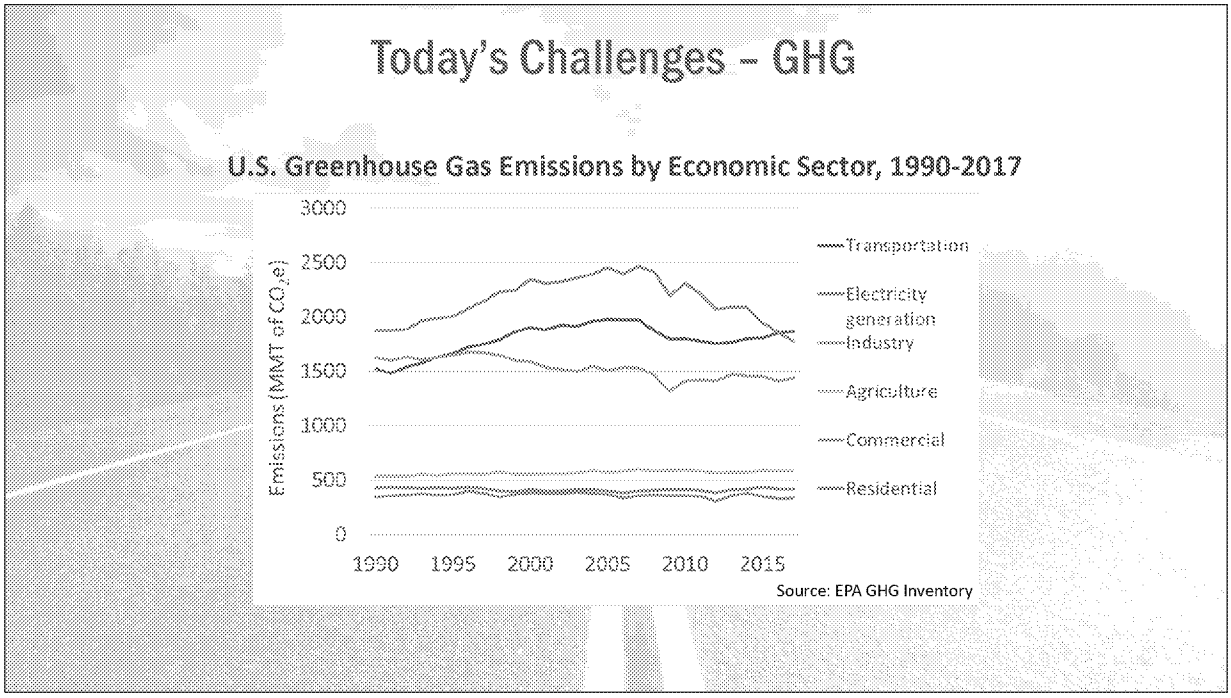
This summer was the 50th anniversary of putting a man on the moon.
It wasn't much longer before that, and not that far up the beach from here, that the Wright bothers had their historic flight.
Today we have commercial air travel carrying 75 million passengers per month - on U.S. carriers alone.
Incredible progress, and more to come.



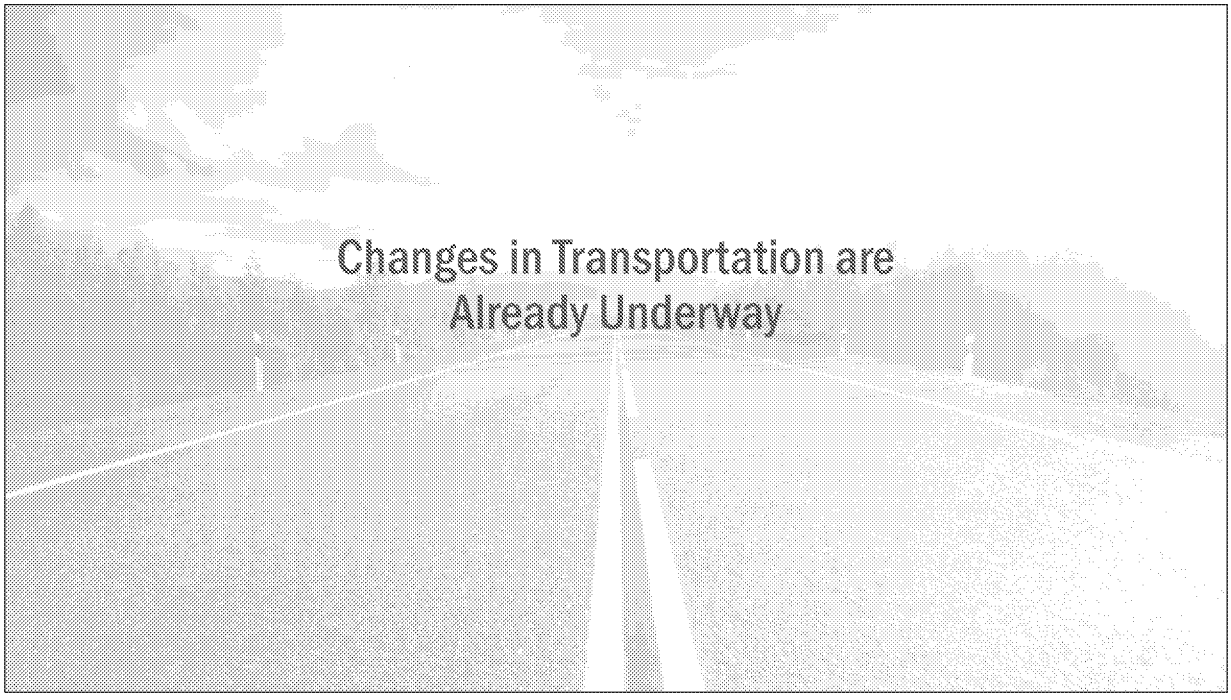
The world population is increasingly urban and congestion literally costs the US close to $100 billion each year (INRIX)
There were about 40,000 fatalities in the US last year, and the number is growing.
Vehicles are expensive, with the average new vehicle north of $35,000, and the average loan at 68 months.
Infrastructure across the US is in failing.

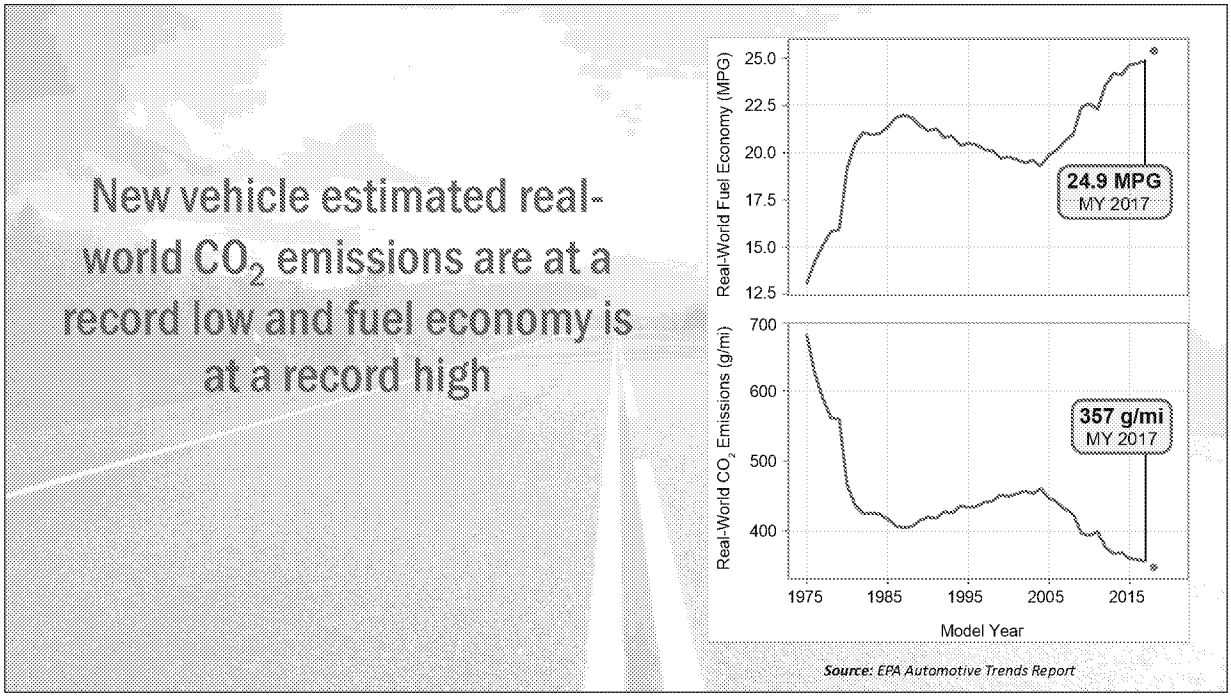


In terms of environmental challenges, there are still plenty of places struggling to meet NAAQs requirements. Internationally we've all seen scary pictures from China and India, but even places like London and Paris have had surprisingly bad air quality – and transportation plays a big part.

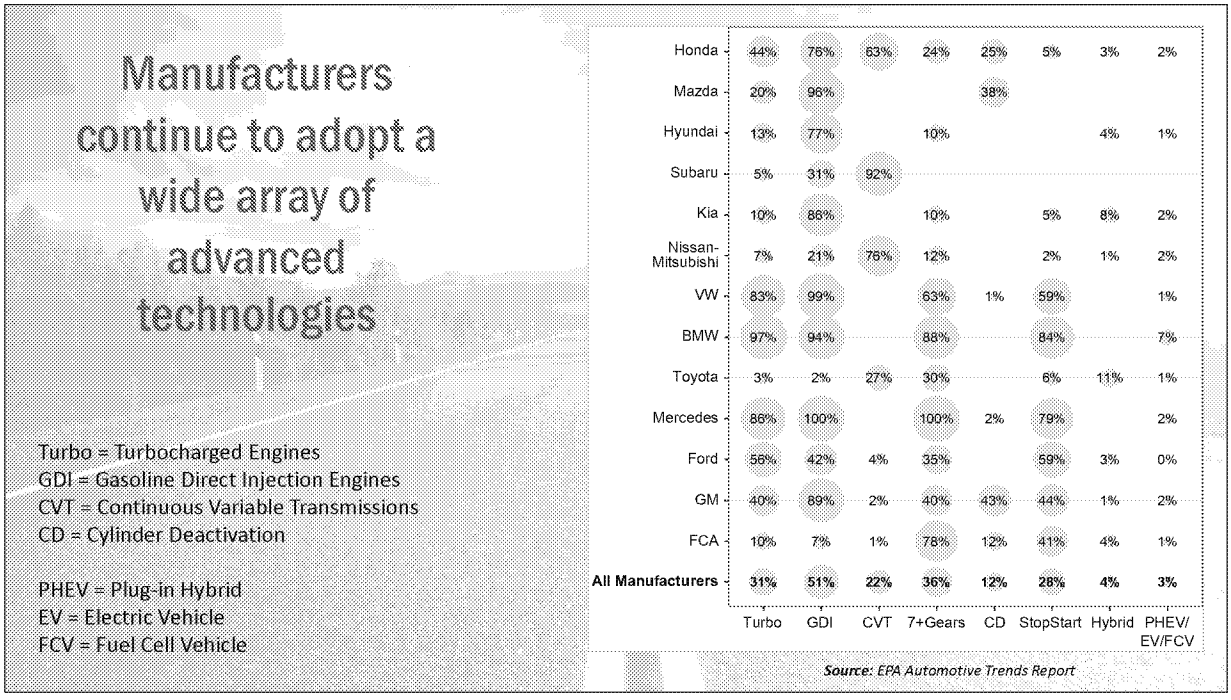


And in terms of greenhouse gasses, transportation has the distinction of now being the largest source in the United States, as the electricity sector has made serious strides in reducing emissions.

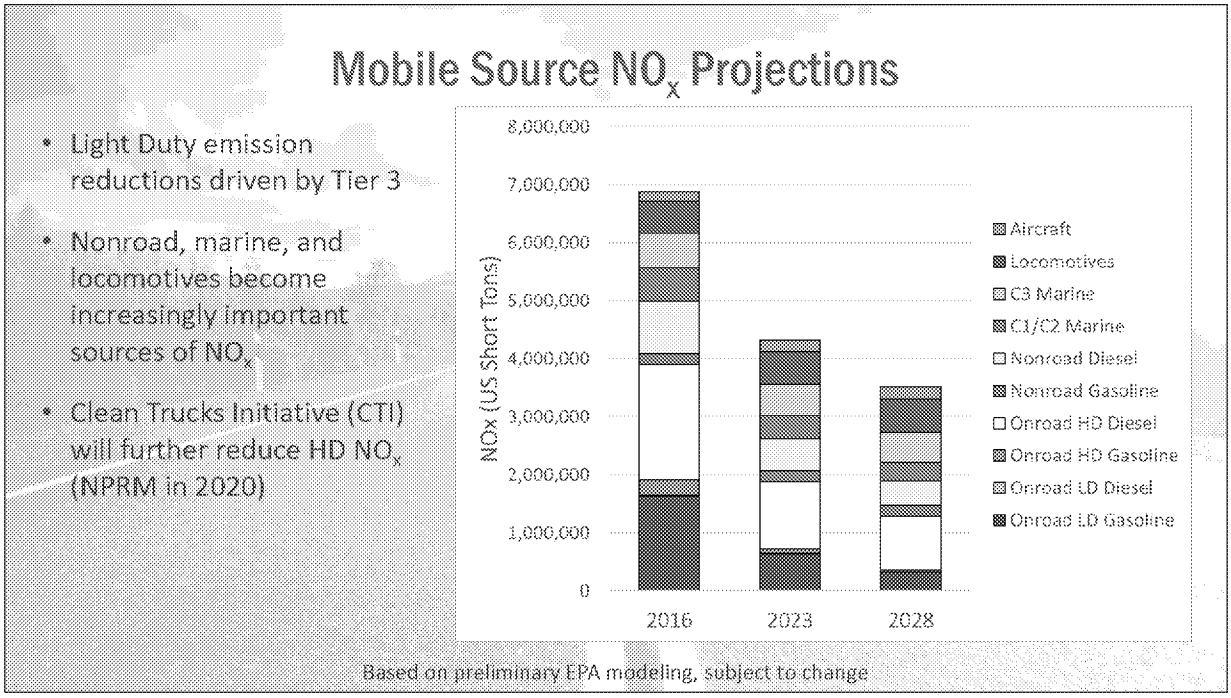

Changes in Transportation are
Already Underway



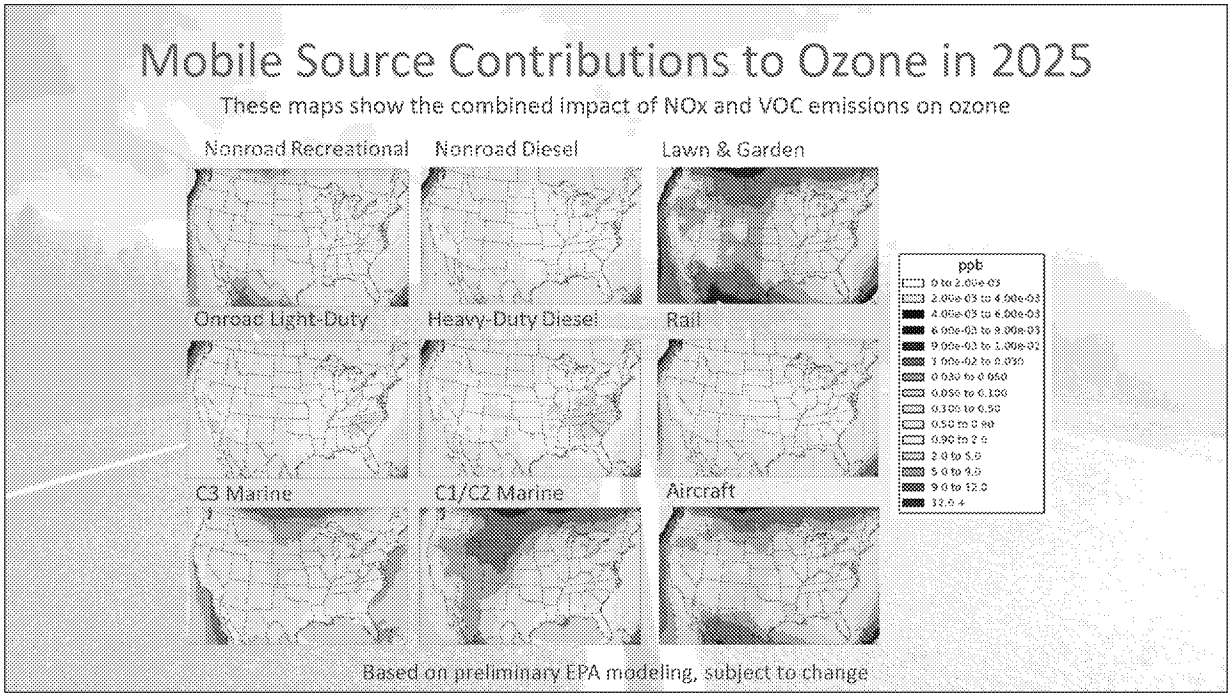
New vehicle fuel economy is at an all time high, even as the market continues to move towards SUVs.
We haven't published the final model year 2018 data yet, but it will show another small improvement – making for 12 out of the last 14 years.



We also continue to see the industry rolling out new technology, although not all of it has been used directly to improve fuel economy.
I'll focus on BMW for a moment, since I know they have a large presence here in the state.
Nearly all new BMWs feature turbocharged, direct injection engines, transmissions with 7 or more speeds, and stop start. BMW also produced about 7% electric vehicles and plug in hybrids in 2018!
Overall, electric vehicles and plug in hybrids captured a little over 2% of the market in 2018 (this figure is based on projected data).

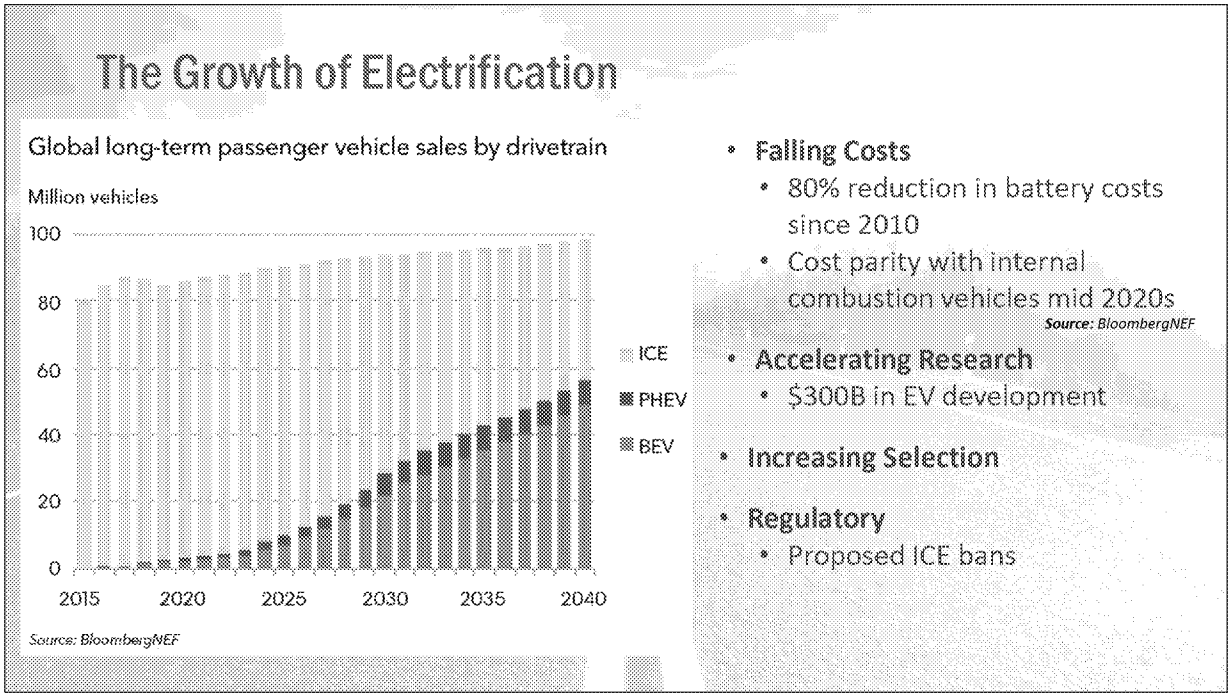


The trend for NOx emissions is also favorable.
Tier 3 is bringing down light duty emissions, and the upcoming clean trucks initiative (not included in this modeling) will further bring down heavy duty emission.
While overall emissions are coming down, it does mean that some sectors outside of light duty and heavy duty will be contributing a larger percentage of transportation emissions.



- Just a quick look at 2025 ozone modeling also shows that multiple transportation sectors will continue to contribute to ozone formation going forward, but on-road light duty and heavy duty will remain important ozone precursors.

Where Will We Be in 25 Years?



EV sales were up to a little more than 2% last year, and as much as 7 or 8% in California
Bloomberg new energy finance projects EV and PHEV sales to be more than half of all global sales by 2040
Why? Battery costs are down 80% in the last 10 years, and cost parity with ICE vehicles appears possible within a few years.

Manufacturers have announced at least $300 Billion in development, and EVs are all they're talking about. Expect to see many more models, and types of vehicles in the market soon. You'll even be able to buy an electric F-150 as early as 2021.

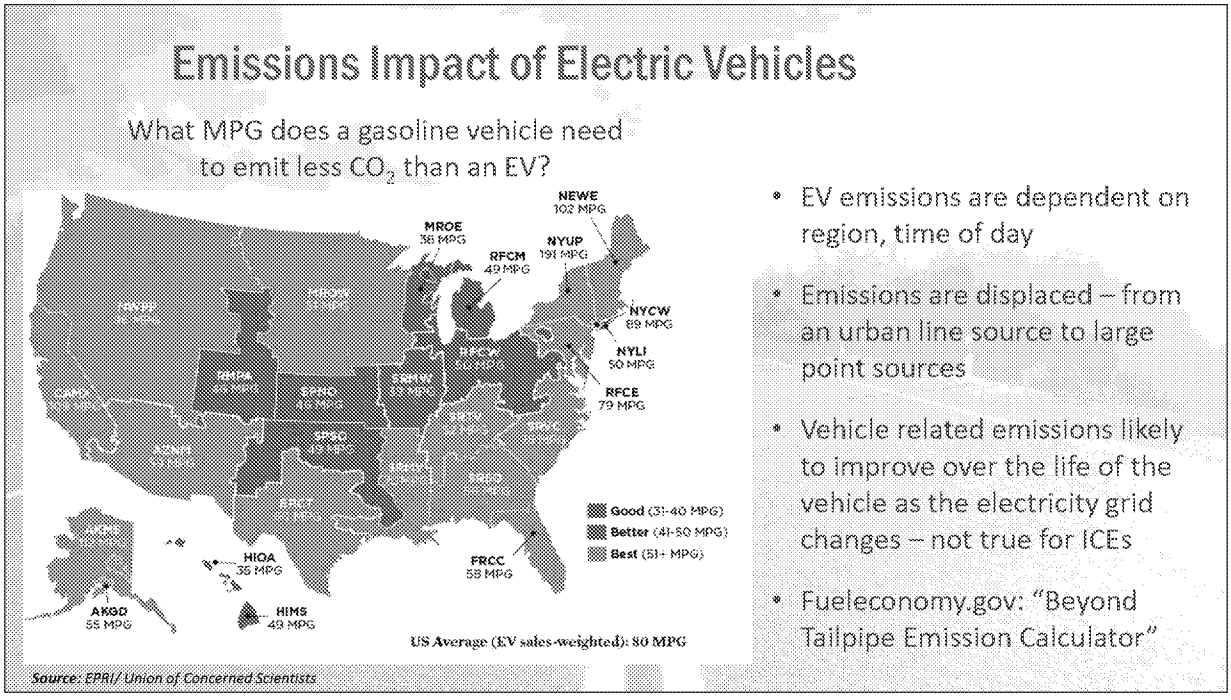
Finally, regulatory pressure. Several countries including Norway, France, UK, India, and China have announced proposed bans on ICE engines – and other EV policies.

https://about.bnef.com/electric-vehicle-outlook/
https://www.reuters.com/article/us-autoshow-detroit-electric-exclusive/exclusive-vw-china-spearhead-300-billion-global-drive-to-electrify-cars-idUSKCN1P40G6

https://corporate.ford.com/articles/sustainability/new-generation-electric-vehicles.html
https://fortune.com/2017/10/02/gm-20-all-electric-vehicles-2023/

Ford: 16 EVs by 2020
GM: 20 EVs by 2023

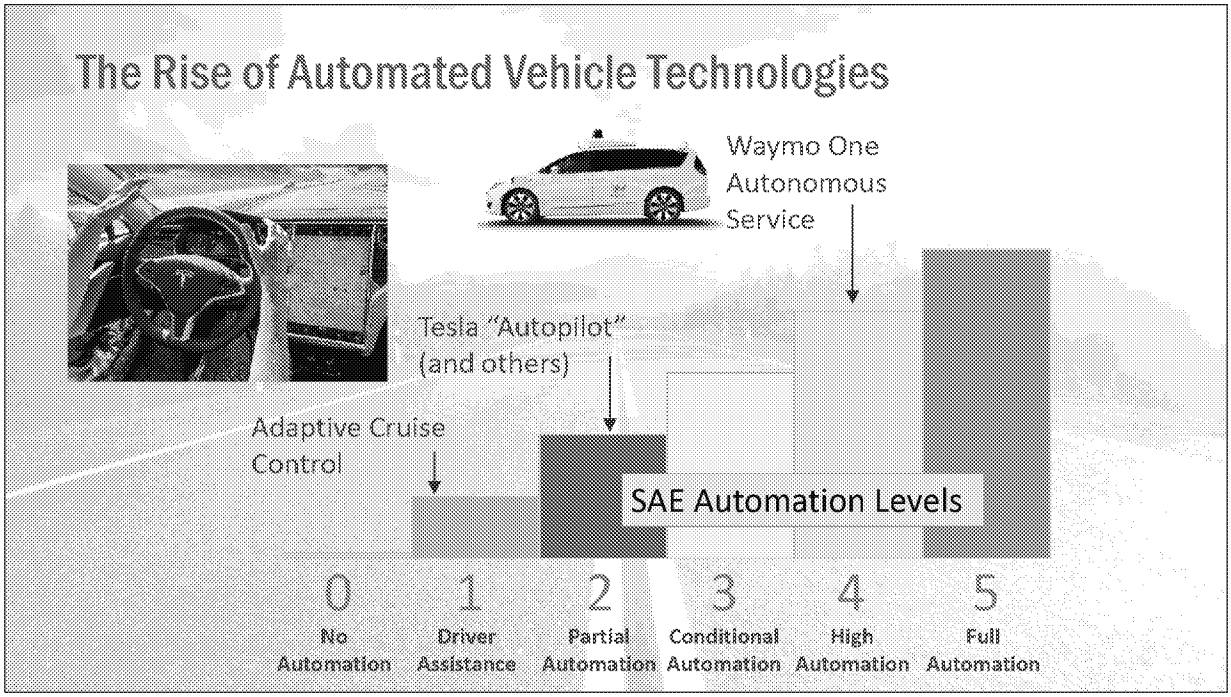
Countries with proposed ICE bans:
Norway (2025)
India (2030)
Israel (2030)
Netherlands (2030)
France (2030)
UK (2040)
Germany (TBD)
China (TBD)



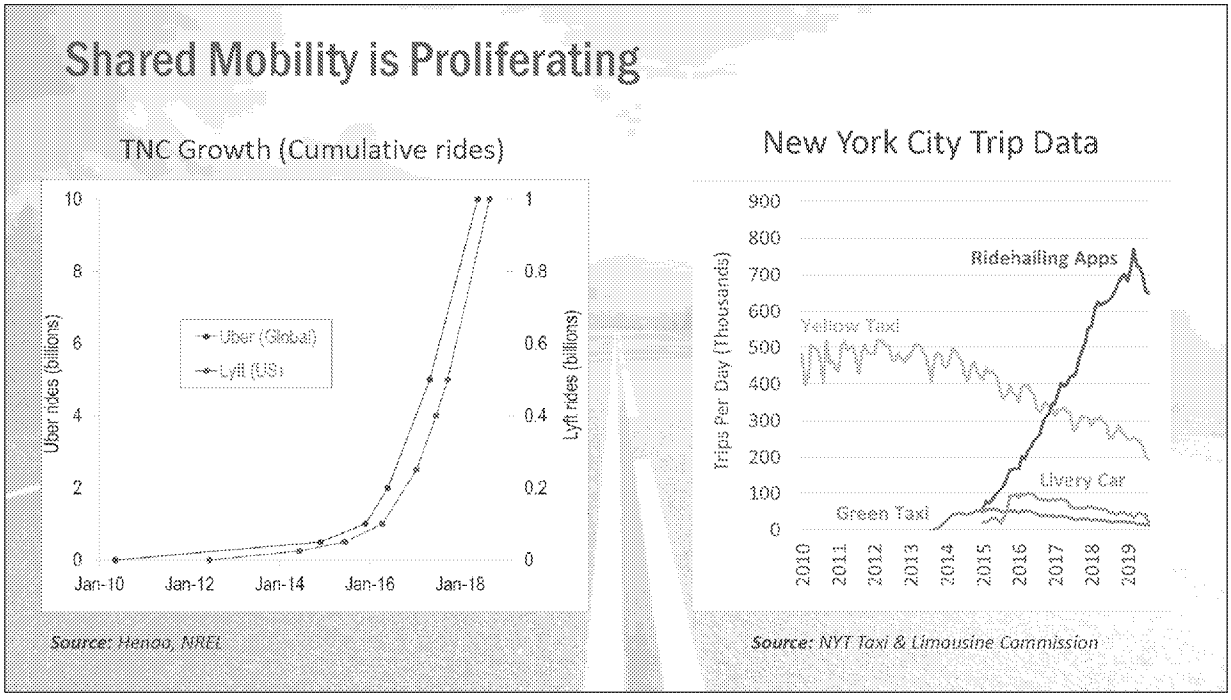
The environmental impacts of charging an EV are dependent on where, and when you charge it. It's also changing over time. This map, which is already out of date, shows the fuel economy a gasoline vehicle would need to achieve to emit less CO2 than an electric vehicle based on 2016 data.
In the pacific northwest, you'd need to get 100 miles per gallon – in a car that doesn't exist!
In the midwest, you'd need to get a much lower fuel economy since much of the regions power is based on coal.
In fact, at least one midwest trade association is promoting EVs – as a way to sell more lignite coal!
In the Carolinas, about 40% of your power is from nuclear, which doesn't turn off at night. That creates some interesting policy and pricing options to encourage people to charge at night and avoid higher emitting electricity created to keep up with peak demand during the day.

While this map is focused on CO2, the same trends exist for criteria pollutants.
EVs also displace emissions from roadways to a large point source, which will impact ambient air quality beyond simple mass reductions.

Finally, EV emissions will potentially be reduced over the life of the vehicle as the grid continues to improve. Think about it – being able to improve the emissions of your legacy fleet!



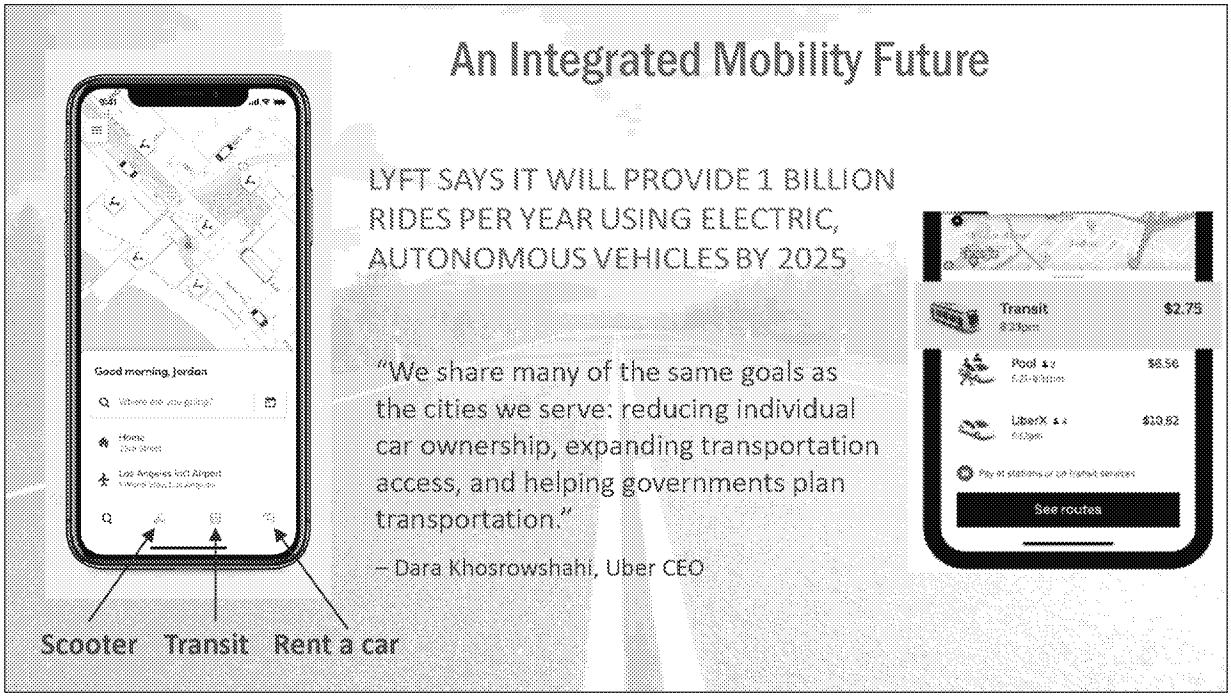
- 40,000 fatalities in the US each year
- Automated technologies don't have a direct environmental impact, but may enable very significant changes as we'll talk more about in a minute.



We've had shared mobility for decades. We used to call them taxis.
Today, they're called Transportation Network Companies, or TNCs. Think Uber and Lyft.
They didn't exist a decade ago, but now they account for 4.2 BILLION trips in the U.S. annually, and growing.
A recent study showed about 7% of all vehicle miles in Washington DC and Boston were due to TNCs, and 13% in San Francisco.
One worrying part of that is that about 40% of those miles were deadhead miles – or miles without a passenger!
There were an additional 84 million shared bike and scooter rides in 2018, and also growing quickly.

On the right is data from New York City. When I think of Manhattan, I think of the ubiquitous yellow cab, but TNCs are eating their lunch. And it's not just cabs, we're starting to see these kind of trends in things like airport parking revenue, and even transit ridership. That's scary.

If you notice, the New York TNC ridership has fallen off some – which could be due to a vehicle cap NYC put in place, along with TNC fees. Manhattan is also going to be implementing the first congestion pricing scheme in the US, so it will be interesting to watch how that plays out.



Electrification, automation, and shared mobility are all coming – and likely reinforcing each other.
That certainly seems to be the goal of Uber and Lyft - and even going one step further and building the one transportation app to rule them all
One optimistic study even projected that calling a shared autonomous ride to your home could actually be cheaper than taking a car that you already own out of the garage! Think about that for a moment.

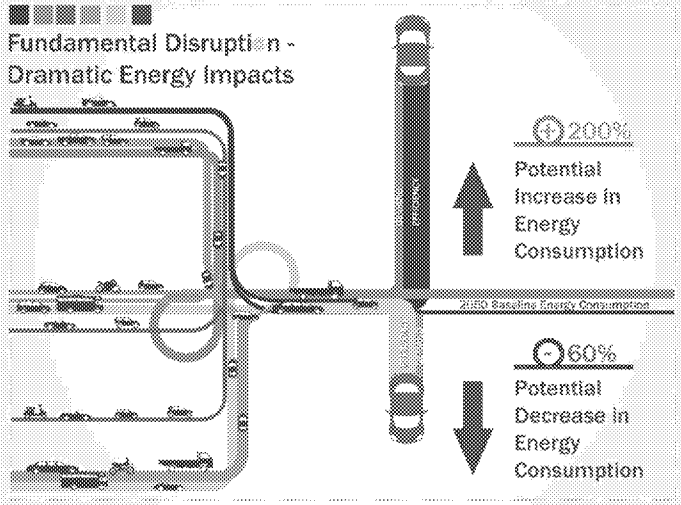
We're talking about something that the big banks are see as a new trillion dollar market.
It's no wonder that traditional automakers like Ford and GM are rebranding themselves as mobility companies.

"At Lyft, we're working toward a future where cities are centered around people, not cars. The changes we're making today will unlock better transportation solutions — whether that's a trip on public transit, a bike ride or a shared Lyft — for people in cities around the country. John Zimmer, CEO

https://blog.lyft.com/posts/2017/6/14/lyft-climate-impact-goals
https://www.theverge.com/2019/9/24/20881576/lyft-app-redesign-bike-scooter-public-transportation
https://www.uber.com/us/en/ride/transit/

What Will the Environmental Impact Be?

Fundamental Disruption - Dramatic Energy Impacts



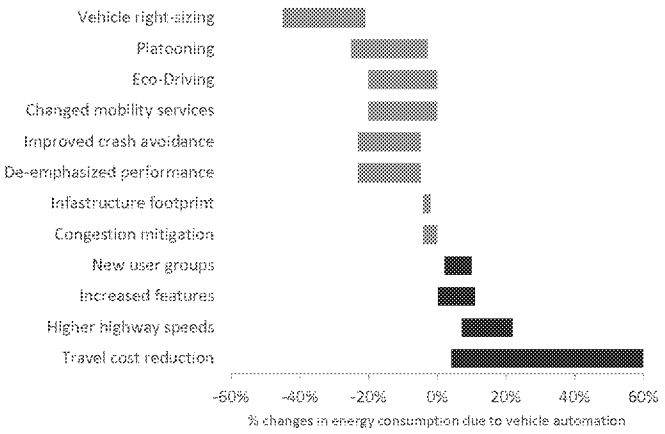
More miles traveled

VS

More Efficient Operation

Source: U.S. Department of Energy

Leading Research Illustrates Uncertainty



Source: Wadud, Z., MacKenzie, D., Leiby, P. Help or Hindrance? The travel, energy, and carbon impacts of highly automated vehicles. Transportation Research Part A, 2016, 86, pp 1-18.