



December 20, 2017

Administrator
National Highway Traffic Safety Administration – NOA-010
1200 New Jersey Avenue, S.E.
Washington, DC 20590

Re: 2018 Pre-Model Year CAFE Report – Light Duty Truck

Dear Administrator:

As required by 49 CFR 537.7, FCA US LLC hereby submits its 2018 Pre-Model Year CAFE Report for Light Duty Trucks as manufacturer of Alfa Romeo, Chrysler, Dodge, Fiat, Jeep, and Maserati branded vehicles. This report is submitted on behalf of FCA US LLC and Maserati North America.

This report shows FCA US LLC 2018 pre-model year average fuel economy for light duty trucks to be 29.3 mpg, which does not comply with the reformed standard of 30.3 mpg. Traded credits, if available for acquisition, will be used to make up the projected shortfall of 13,335,025 credits.

This report includes fuel economy data for certification vehicles, for vehicles tested for running changes approved under 40 CFR 86.079-32, 86.079-33, 86.082-34 and voluntary fuel economy data submitted under 40 CFR 600.509-12.

Sincerely,

Jeremy Hamer
CAFE/GHG Compliance Analyst
Vehicle Safety and Regulatory Compliance

Attachments

cc: National Highway Traffic Safety Administration

FCA US LLC
CMBL 425-00-01
800 Chrysler Drive, Auburn Hills, MI 48326



FCA US LLC – Projected Average Fuel Economy

2018 Model Year

Light Duty Truck

Current Combined Projected Average Fuel Economy

29.3 mpg

At this point in time and based on available best present information, the above projection represents FCA US LLC's fuel economy for the 2018 model year for the Act. Calculations were performed in accordance with the procedures defined in 40 CFR 600.510-12. As required by S537.9, estimated fuel economy values are included in this report. Fuel economy improvement due to off-cycle and A/C Efficiency, as required by S537.7, are also included in this report. These estimated values are for those running changes that have been submitted to the EPA and are currently involved in the running change approval process. These values were obtained from fuel economy data vehicles which were tested in accordance with applicable exhaust emission test procedures and comply with 2017 exhaust emission standards as defined in 40 CFR Part 86. All mileage was accumulated on the durability driving cycle.

FCA US LLC
CMBL 425-00-01
800 Chrysler Drive, Auburn Hills, MI 48326

**FCA US LLC/Maserati North America
Model Type Fuel Economy Data
Light Duty Truck
2018 Model Year**

Avg Inertial Weight	Car Line Name	Engine	Transmission Class	Projected Sales	Combined MPG	Footprint
4000	Alfa Romeo Stelvio AWD	2.0L I-4	4wd Auto 8 OD L/U	21499	32.4189	49.5
4500	Alfa Romeo Stelvio AWD	2.9L V-6	4wd Auto 8 OD L/U	735	24.5190	50.0
4500	Chrysler Pacifica	3.6L V-6	Fwd Auto 9 OD L/U	3090	29.0899	58.0
4500	Chrysler Pacifica ESS	3.6L V-6	Fwd Auto 9 OD L/U	107063	29.1809	58.0
5000	Chrysler Pacifica Hybrid	3.6L V-6	Fwd Cont Var OD	17750	106.1211	58.0
5000	Dodge Durango AWD	3.6L V-6	4wd Auto 8 OD L/U	31317	27.1720	53.3
5500	Dodge Durango AWD	5.7L V-8	4wd Auto 8 OD L/U	8435	21.3940	53.5
5000	Dodge Durango RWD	3.6L V-6	Rwd Auto 8 OD L/U	12661	28.1137	53.5
5500	Dodge Durango RWD	5.7L V-8	Rwd Auto 8 OD L/U	3231	21.7020	53.5
6000	Dodge Durango SRT AWD	6.4L V-8	4wd Auto 8 OD L/U	4064	19.2787	53.5
4500	Dodge Grand Caravan	3.6L V-6 (FFV)	4wd Auto 6 OD L/U	78428	25.9349	54.9
4500	Dodge Grand Caravan	3.6L V-6	4wd Auto 6 OD L/U	1600	25.9349	54.9
4000	Dodge Journey	2.4L I-4	Fwd Auto 4 OD L/U	28270	27.6702	49.2
4500	Dodge Journey	3.6L V-6 (FFV)	Fwd Auto 6 OD L/U	13621	25.2570	49.2
4500	Dodge Journey AWD	3.6L V-6	Fwd Auto 6 OD L/U	16979	24.4714	49.2
3500	Fiat 500X AWD	2.4L I-4	4wd Auto 9 OD L/U	4318	32.2297	42.8
4000	Jeep Cherokee 4X4	2.4L I-4	4wd Auto 9 OD L/U	16779	31.0576	45.9
4000	Jeep Cherokee 4X4	2.4L I-4 (FFV)	4wd Auto 9 OD L/U	3374	31.0576	45.9
4000	Jeep Cherokee 4X4	3.2L V-6	4wd Auto 9 OD L/U	23234	30.2138	45.9
4000	Jeep Cherokee 4x4 Active Drive II	2.4L I-4	4wd Auto 9 OD L/U	11166	30.4846	46.8
4500	Jeep Cherokee 4x4 Active Drive II	3.2L V-6	4wd Auto 9 OD L/U	10546	27.8119	46.8
4500	Jeep Cherokee Trailhawk 4X4	3.2L V-6	4wd Auto 9 OD L/U	346	27.0371	47.5
4000	Jeep Cherokee Trailhawk 4X4	2.4L I-4	4wd Auto 9 OD L/U	126	28.3382	47.5
3500	Jeep Compass 4X4	2.4L I-4	4wd Auto 9 OD L/U	19478	33.0335	43.5
3500	Jeep Compass 4X4	2.4L I-4	4wd Auto 9 OD L/U	116406	33.0335	43.6
3500	Jeep Compass 4X4	2.4L I-4	4wd Manual 6 OD	3480	33.2484	43.5
3500	Jeep Compass 4X4	2.4L I-4	4wd Manual 6 OD	10757	33.2484	43.6
5000	Jeep Grand Cherokee 4X2	3.0L V-6	Rwd Auto 8 OD L/U	1136	28.1137	51.3
5000	Jeep Grand Cherokee 4X2	3.6L V-6	Rwd Auto 8 OD L/U	43435	31.1634	51.3
5500	Jeep Grand Cherokee 4X4	3.0L V-6	4wd Auto 8 OD L/U	5432	31.1634	51.1
5000	Jeep Grand Cherokee 4X4	3.6L V-6	4wd Auto 8 OD L/U	131803	27.1720	51.1
5000	Jeep Grand Cherokee 4X4	5.7L V-8	4wd Auto 8 OD L/U	13516	21.3940	51.1
5500	Jeep Grand Cherokee SRT 4x4	6.4L V-8	4wd Auto 8 OD L/U	1269	19.0572	52.1
6000	Jeep Grand Cherokee TrackHawk 4x4	6.2L V-8	4wd Auto 8 OD L/U	4513	16.8416	52.1
3500	Jeep Renegade 4x4	1.4L I-4	4wd Manual 6 OD	7320	36.7030	42.5
3500	Jeep Renegade 4x4	1.4L I-4	4wd Manual 6 OD	274	36.7030	42.6
3500	Jeep Renegade 4x4	2.4L I-4	4wd Auto 9 OD L/U	7202	31.6705	42.4
3500	Jeep Renegade 4x4	2.4L I-4	4wd Auto 9 OD L/U	8808	31.6705	42.5
3500	Jeep Renegade 4x4	2.4L I-4	4wd Auto 9 OD L/U	6458	31.6705	42.6
4000	Jeep Wrangler 4X4 (JK)	3.6L V-6	4wd Auto 5 OD L/U	14575	23.9231	41.1

4000	Jeep Wrangler 4X4 (JK)	3.6L V-6	4wd Manual 6 OD	2148	23.9236	41.1
4000	Jeep Wrangler 4X4 (JL)	2.0L I-4	4wd Auto 8 OD L/U	9201	29.6233	42.3
4000	Jeep Wrangler 4X4 (JL)	3.6L V-6	4wd Auto 8 OD L/U	7104	26.6900	42.3
4000	Jeep Wrangler 4X4 (JL)	3.6L V-6	4wd Auto 8 OD L/U	2203	26.6900	42.6
4000	Jeep Wrangler 4X4 (JL)	3.6L V-6	4wd Manual 6 OD	2437	25.8897	42.3
4000	Jeep Wrangler 4X4 (JL)	3.6L V-6	4wd Manual 6 OD	870	25.8897	42.6
4500	Jeep Wrangler Unlimited 4X4 (JK)	3.6L V-6	4wd Manual 6 OD	3645	22.7871	49.9
4500	Jeep Wrangler Unlimited 4X4 (JK)	3.6L V-6	4wd Auto 5 OD L/U	61091	22.7455	49.9
4500	Jeep Wrangler Unlimited 4X4 (JL)	2.0L I-4	4wd Auto 8 OD L/U	61068	29.1377	51.7
4500	Jeep Wrangler Unlimited 4X4 (JL)	3.6L V-6	4wd Auto 8 OD L/U	74260	26.7120	51.7
4500	Jeep Wrangler Unlimited 4X4 (JL)	3.6L V-6	4wd Auto 8 OD L/U	14955	26.7120	52.1
4500	Jeep Wrangler Unlimited 4X4 (JL)	3.6L V-6	4wd Manual 6 OD	14257	25.1322	51.7
4500	Jeep Wrangler Unlimited 4X4 (JL)	3.6L V-6	4wd Manual 6 OD	4546	25.1322	52.1
5250	Maserati Levante	3.0 V6 350 HP	8 gear AT AWD	3437	21.0000	54.1
5250	Maserati Levante	3.0 V6 425 HP	8 gear AT AWD	1718	20.5800	54.1
6000	Ram 1500 4X2	3.0L V-6	Rwd Auto 8 OD L/U	879	30.4212	66.2
6000	Ram 1500 4X2	3.0L V-6	Rwd Auto 8 OD L/U	1218	30.4212	66.7
5000	Ram 1500 4X2	3.6L V-6 (FFV)	Rwd Auto 8 OD L/U	2145	25.6217	56.7
5000	Ram 1500 4X2	3.6L V-6 (FFV)	Rwd Auto 8 OD L/U	416	25.6217	57.2
5000	Ram 1500 4X2	3.6L V-6 (FFV)	Rwd Auto 8 OD L/U	12502	25.6217	66.2
5000	Ram 1500 4X2	3.6L V-6 (FFV)	Rwd Auto 8 OD L/U	9753	25.6217	66.7
5500	Ram 1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	14473	22.3355	66.2
5500	Ram 1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	13139	22.3355	66.7
5000	Ram 1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	871	22.3355	56.7
5000	Ram 1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	743	22.3355	57.2
5500	Ram 1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	3041	22.3355	70.3
5500	Ram 1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	2952	22.3355	71.0
5500	Ram 1500 4X4	3.0L V-6	4wd Auto 8 OD L/U	3041	28.9989	66.2
5500	Ram 1500 4X4	3.0L V-6	4wd Auto 8 OD L/U	4208	28.9989	66.8
6000	Ram 1500 4X4	3.0L V-6	4wd Auto 8 OD L/U	514	28.9989	70.4
6000	Ram 1500 4X4	3.0L V-6	4wd Auto 8 OD L/U	1406	28.9989	71.0
5500	Ram 1500 4X4	3.6L V-6 (FFV)	4wd Auto 8 OD L/U	21333	24.2160	66.2
5500	Ram 1500 4X4	3.6L V-6 (FFV)	4wd Auto 8 OD L/U	35065	24.2160	66.8
5000	Ram 1500 4X4	3.6L V-6 (FFV)	4wd Auto 8 OD L/U	1438	24.2160	56.7
5000	Ram 1500 4X4	3.6L V-6 (FFV)	4wd Auto 8 OD L/U	326	24.2160	57.2
6000	Ram 1500 4X4	5.7L V-8	4wd Auto 6 OD L/U	1792	18.4390	66.2
5500	Ram 1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	22855	21.6598	66.2
5500	Ram 1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	43082	21.6598	66.8
5000	Ram 1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	712	21.6598	56.7
5000	Ram 1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	512	21.6598	57.2
6000	Ram 1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	1245	21.6598	70.4
6000	Ram 1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	3098	21.6598	71.0
5500	Ram 1500 HFE 4X2	3.0L V-6	Rwd Auto 8 OD L/U	248	31.4377	66.7
3500	Ram ProMaster City	2.4L I-4	Fwd Auto 9 OD L/U	19539	31.4586	51.1

Total Projected Domestic Sales 1,299,980

	Average Fuel Economy	27.3
	FFV Credit	0.4
	Final Fuel Economy Result	27.7
Final Fuel Economy Result with AC Efficiency and Off-Cycle Improvement		29.3
	Reformed Fuel Economy Standard	30.3
	Credits	(13,335,025)

Revised MPG due to A/C Efficiency and Off-Cycle

A/C Efficiency Credits	1,866,711	
Off-Cycle Credits	3,198,987	
FCIV _{Ac}	0.000715379	gal/mi
FCIV _{oc}	0.001225947	gal/mi

MPG before improvement 27.7

MPG after improvement 29.3

MPG improvement difference 1.6