



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 – Import Passenger Car

Dear Administrator:

As required by 49 CFR 537.7, FCA US LLC hereby submits its 2018 Pre-Model Year CAFE Report for Import Passenger Cars as manufacturer of Alfa Romeo, Fiat, Jeep, Maserati, and Ram branded vehicles. This report is submitted on behalf of FCA US LLC, Fiat Italy S.p.A., and Maserati North America.

This report shows FCA US LLC 2018 pre-model year average fuel economy for import passenger cars to be 32.9 mpg, which does not comply with the reformed standard of 41.1 mpg. Traded credits, if available for acquisition, will be used to make up the projected shortfall of 4,818,818 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
CIMS 482-00-81
800 Chrysler Drive, Auburn Hills, MI 48326



FCA US LLC – Projected Average Fuel Economy

2018 Model Year

Import Passenger Car

Current Combined Projected Average Fuel Economy

32.9 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
CIMS 482-00-81
800 Chrysler Drive, Auburn Hills, MI 48326

**FCA US LLC/Maserati North America
Model Type Fuel Economy Data
Import Passenger Car
2018 Model Year**

Avg Inertial Weight	Car Line Name	Engine	Transmission Class	Projected Sales	Combined MPG	Footprint
2750	Alfa Romeo 4C	1.8L I-4	Rwd Cont Var OD	344	34.4702	41.1
4000	Alfa Romeo Giulia	2.9L V-6	Rwd Auto 8 OD L/U	584	25.6124	47.6
4000	Alfa Romeo Giulia	2.0L I-4	Rwd Auto 8 OD L/U	3567	36.1059	48.4
4000	Alfa Romeo Giulia	2.0L I-4	Rwd Auto 8 OD L/U	88	36.1059	48.3
4000	Alfa Romeo Giulia AWD	2.0L I-4	4wd Auto 8 OD L/U	4001	34.0350	48.4
2750	Fiat 124 Spider	1.4L I-4	Rwd Manual 6 OD	1757	40.2141	37.3
2750	Fiat 124 Spider	1.4L I-4	Rwd Auto 6 OD L/U	3486	39.5901	37.3
3500	Fiat 500L	1.4L I-4	Fwd Auto 6 OD L/U	3380	33.1552	42.5
3500	Fiat 500X	2.4L I-4	Fwd Auto 9 OD L/U	4724	33.2940	42.9
3000	Fiat 500X	1.4L I-4	Fwd Manual 6 OD	176	37.5290	42.9
3500	Jeep Renegade 4x2	2.4L I-4 (FFV)	Fwd Auto 9 OD L/U	6642	33.0335	43.0
3500	Jeep Renegade 4x2	2.4L I-4 (FFV)	Fwd Auto 9 OD L/U	16339	33.0335	42.9
3500	Jeep Renegade 4x2	1.4L I-4	Fwd Manual 6 OD	2175	35.3856	42.9
3500	Jeep Renegade 4x2	1.4L I-4	Fwd Manual 6 OD	11	35.3856	42.8
4750	Maserati Ghibli	3.0L V6	A8	1957	25.0783	53.1
4750	Maserati Ghibli S	3.0L V6	A8	1665	24.4714	53.1
4750	Maserati Ghibli S Q4	3.0L V6	A8	2495	24.1704	53.1
4500	Maserati Granturismo	4.7L V8	A6	400	19.9146	50.3
4750	Maserati Granturismo Convertible	4.7L V8	A6	190	19.7608	50.3
4750	Maserati Quattroporte GTS	3.8L V8	A8	182	22.0230	56.0
4750	Maserati Quattroporte S	3.0L V6	A8	794	23.7396	56.0
5000	Maserati Quattroporte S Q4	3.0L V6	A8	1414	23.6588	56.0
3500	Ram ProMaster City	2.4L I-4	Fwd Auto 9 OD L/U	2410	31.4586	51.1

Total Projected Domestic Sales	58,781
Average Fuel Economy	31.8
FFV Credit	0.4
TPA Adjustment	0.2
Final Fuel Economy Result	32.4
Final Fuel Economy Result with AC Efficiency and Off-Cycle Improvement	32.9
Reformed Fuel Economy Standard	41.1

Car Line Name	Engine	Transmission Class	Projected Sales	High Efficiency Exterior Lights (g/mi)	Engine Stop Start (g/mi)	Active Engine Warm Up (g/mi)	Active Transmission Warm Up (g/mi)	Solar Thermal					Total Off-Cycle Credits (g/mi)	VMT	Off-Cycle Credits Total Mg
								Glass (g/mi)	Paint (g/mi)	Ventilated Seats (g/mi)	Passive Cabin Ventilation (g/mi)	Solar Thermal Total			
Alfa Romeo 4C	1.8L I-4	Rwd Cont Var OD	344	0.1	0	0	0	0.2	0	0	0	0.2	0.3	195264	20
Alfa Romeo Giulia	2.9L V-6	Rwd Auto 8 OD L/U	584	0	2.5	0	0	0.1	0.1	0	0	0.2	2.7	195264	308
Alfa Romeo Giulia	2.0L I-4	Rwd Auto 8 OD L/U	3567	0	2.5	0	0	0.1	0.1	0	0	0.2	2.7	195264	1881
Alfa Romeo Giulia	2.0L I-4	Rwd Auto 8 OD L/U	88	0	2.5	0	0	0.1	0.1	0	0	0.2	2.7	195264	46
Alfa Romeo Giulia AWD	2.0L I-4	4wd Auto 8 OD L/U	4001	0	2.5	0	0	0.1	0.1	0	0	0.2	2.7	195264	2109
Fiat 124 Spider	1.4L I-4	Rwd Manual 6 OD	1757	0.2	0	0	0	0.5	0.1	0	1.7	2.3	2.5	195264	858
Fiat 124 Spider	1.4L I-4	Rwd Auto 6 OD L/U	3486	0.2	0	0	0	0.5	0.1	0	1.7	2.3	2.5	195264	1702
Fiat 500L	1.4L I-4	Fwd Auto 6 OD L/U	3380	0	0	1.5	0	0.6	0.1	0	0	0.7	2.2	195264	1452
Fiat 500X	2.4L I-4	Fwd Auto 9 OD L/U	4724	0	0	0	0	0	0.1	0	0	0.1	0.1	195264	92
Fiat 500X	1.4L I-4	Fwd Manual 6 OD	176	0	0	1.5	0	0	0.1	0	0	0.1	1.6	195264	55
Jeep Renegade 4x2	2.4L I-4 (FFV)	Fwd Auto 9 OD L/U	6642	0	0	0	0	0	0.1	0	0	0.1	0.1	195264	130
Jeep Renegade 4x2	2.4L I-4 (FFV)	Fwd Auto 9 OD L/U	16339	0	0	0	0	0	0.1	0	0	0.1	0.1	195264	319
Jeep Renegade 4x2	1.4L I-4	Fwd Manual 6 OD	2175	0	0	1.5	0	0	0.1	0	0	0.1	1.6	195264	680
Jeep Renegade 4x2	1.4L I-4	Fwd Manual 6 OD	11	0	0	1.5	0	0	0.1	0	0	0.1	1.6	195264	3
Maserati Ghibli	3.0L V6	A8	1957	0.16	0	1.5	0	2.2	0.1	0	0	2.3	4.0	195264	1513
Maserati Ghibli S	3.0L V6	A8	1665	0.16	0	1.5	0	2.2	0.1	0	0	2.3	4.0	195264	1287
Maserati Ghibli S Q4	3.0L V6	A8	2495	0.16	0	1.5	0	2.2	0.1	0	0	2.3	4.0	195264	1929
Maserati Granturismo	4.7L V8	A6	400	0.16	0	1.5	0	2.2	0.1	0	0	2.3	4.0	195264	309
Maserati Granturismo Convertible	4.7L V8	A6	190	0.16	0	1.5	0	0	0.1	0	0	0.1	1.8	195264	65
Maserati Quattroporte GTS	3.8L V8	A8	182	0.16	0	1.5	0	2.2	0.1	0	0	2.3	4.0	195264	141
Maserati Quattroporte S	3.0L V6	A8	794	0.16	0	1.5	0	2.2	0.1	0	0	2.3	4.0	195264	614
Maserati Quattroporte S Q4	3.0L V6	A8	1414	0.16	0	1.5	0	2.2	0.1	0	0	2.3	4.0	195264	1093
Ram ProMaster City	2.4L I-4	Fwd Auto 9 OD L/U	2410	0	0	0	0	0.7	0	0	0	0.7	0.7	195264	329
58781													Total	16,935	

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

A/C Efficiency Credits	31,107		
Off-Cycle Credits	16,935		
FCIV _{Ac}	0.000304961	gal/mi	
FCIV _{oc}	0.000166024	gal/mi	

MPG before improvement 32.4

MPG after improvement 32.9

MPG improvement difference 0.5