California Environmental Protection Agency

⊘ Air Resources Board

FCA US LLC.

Executive Order: A-009-1296

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Page 1 of 4

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: The following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

TEST GROUP INFORMATION																
MODE		TEST GROUP			VEHICLE CLASS(ES)				FUE		CATEGORY			FUEL TYPE		
2016	6	GCRXD03.05VV			MDV4					DEDICATED SINGLE FUEL VEHICLE				DIESEL		
USEFUL LIFE (miles)					VEHICLE EMISSION				CATEGORY			INTERIM / INTERMEDIATE IN-USE STD			TE IN-USE STD	
EXH/ORVR EVAP				FTP				SFTP			FTP		SFTP			
120000 *]	LEV2	EV2 ULEV			*		*			*		
SPECIAL FEATURES & EXHAUST EMISSION CONTROL SYSTEMS								L	OBD S			TATUS		ENGINE DISPLACEMENT (L)		
1 (CAC, DFI, DPF, EGR, EGRC, NOXS(2), OC, PMS, RDQS, SCRC, TC, WR-HO2S								FULL		*					
*	*									PARTIAL		*		3.0		
*	*								PA	RTIAL WITH	I ALL MODELS					
EVAPORATIVE & REFUELING (EVAP/ORVR) FAMILY INFORMATION																
EVAP / ORVR FAMILY EVAPORATIVE STD CATEGOR							SORY	Y EVAP EMISSION S' VEHICLE CLASS				SPECIAL FEATURES				
*					*					*			*			
EMISSION CREDIT INFORMATION																
ALLOWANCE FOR TEST GROUP									NMOG CREDIT FO						OPTIONAL EXH. STD FOR WORK	
BASELINE PZEV AT F				PZEV	/	TZEV	V NON-P		ZEV ZERO-EVAP		P DOR		₹	TRUCKS		
* *				*	*			N				N		N		
					NIV	10G <i>A</i>	AND FLEET	AVE	RAC	GE INFORMA	TIO	N				
NMOG	RAF	CH4 RA	AF FT	FTP NMOG/NM RATIO		нсно/имнс		HC F	ATI	NMOG+NOX I PC+LDT (0-3 (g/m		3750 LVW)		NMOG+NOX FLEET STD LDT (3751 LVW-8500 GVWR) + MDPV (g/mi)		
*		*		1	*		*			*					*	

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

OB Air Resources Board

FCA US LLC.

Executive Order: A-009-1296

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Page 2 of 4

BE IT FURTHER RESOLVED:

The exhaust and evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50° Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's NMOG+NOx and greenhouse gas Fleet Average (PC or LDT or MDPV) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

BE IT FURTHER RESOLVED:

For the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California 2015 and Subsequent Model Criteria Pollutant Exhaust Emission Standards and Test Procedures and 2017 and Subsequent Model Greenhouse Gas Exhaust Emission Standards and Test Procedures for PC, LDT and MDV).

BE IT FURTHER RESOLVED:

The listed vehicle models are conditionally certified in accordance with 13 CCR Section 1968.2(k) (deficiency and fines provisions for certification of malfunction and diagnostic system) because the on-board diagnostic II (OBO) system of the listed vehicle models has been determined to have eight deficiencies. The listed vehicle models are approved subject to the manufacturer paying a fine of \$300 per vehicle for the third through eighth deficiencies for vehicles in the listed test group that are produced and delivered for sale in California.

On a quarterly basis, the manufacturer shall submit to the Air Resources Board reports of the number of vehicles produced and delivered for sale in California and pay the full fine owed for that quarter pursuant to this conditional certification. Payment shall be made payable to the State Treasurer for deposit in the Air Pollution Control Fund no later than thirty (30) days after the end of each calendar quarter during the 2016 model-year production period. Failure to pay the quarterly fine, in full, in the time provided, may be cause for the Executive Officer to rescind this conditional certification, effective from the start of the quarter in question, in which case all vehicles covered under this conditional certification for that quarter and all future quarters would be deemed uncertified and subject to a civil penalty of up to \$5000 per vehicle pursuant to HSC Section 43154.

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this day of August 2015.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

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Executive Order: A-009-1296 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 3 of 4

ATTACHMENT

EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS (FTP, HWFET, 50°F, 20°F)

CH4: methane; NMOG: non-CH4 organic gas; HC: hydrocarbon; NMHC: non-CH4 HC; CO: carbon monoxide; NOx: oxides of nitrogen; HCHO: formaldehyde; PM: particulate matter; RAF: reactivity adjustment factor; 2DHS/3DHS [g HC/test]: 2/3 days diurnal+hot-soak; RL [g HC/mi]: running loss; ORVR [g HC/gallon dispensed]: on-board refueling vapor recovery; g: gram; mg: milligram; mi: mile; K: 1000 miles; F: degrees Fahrenheit; FTP: federal test procedure; SFTP: supplemental FTP **FUEL TYPE NMHC** CO NOx нсно PM (g/mi) (g/mi) (g/mi) (mg/mi) (g/mi) CERT STD CERT STD CERT STD CERT STD CERT STD * * * * * * * * * FTP@50K * FTP@UL DIESEL-EPA 0.0255 0.143 0.19 6.4 0.10 0.2 16 0.002 0.06 * 50°F @4K * * NOx (g/mi) CO (g/mi) **FUEL TYPE** CERT STD CERT STD HWFET @ 50K HWFET @ UL DIESEL-EPA 0.08 0.4 * 20°F @ 50K SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS SC03 COMPOSITE **US06 FUEL TYPE** NMHC+NOx CO PM NMHC+NOx CO NMHC+NO_X CO PM (g/mi) (mg/mi) (g/mi) (mg/mi) (g/mi) (g/mi) (g/mi) (g/mi) CERT * * * * @ 4K STD * CERT @ UL STD * * * * * * WHOLE VEHICLE EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS WHOLE VEHICLE EVAPORATIVE TESTING RL (g/mi) @ UL **EVAPORATIVE FUEL TYPE** 3DHS (g/test) @ UL 2DHS (g/test) @ UL **FAMILY** FEL CERT STD CERT STD FEL CERT STD * * * * * * * * * * ORVR / FUEL ONLY / CANISTER BLEED EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS **FUEL ONLY EVAP & CANISTER BLEED** ORVR (g/gallon) @ UL 2DHS RIG TEST **BLEED CANISTER** 3DHS RIG TEST **EVAPORATIVE** (g/test) @ UL (g/test) @ UL TEST (g/test) @ 4K **FAMILY FUEL TYPE FUEL TYPE** CERT STD CERT STD CERT STD CERT STD

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PROMASTER 3500

FWD

RAM

MDV4

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Page 4 of 4

1

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: not applicable; #: pounds; UL: useful life; PC: passenger car; LDT: light-duty truck; LDT1: LDT<6000#GVWR,0-3750#LVW; LDT2: .DT<6000#GVWR,3751-5750#LVW; LDT3: LDT 6001-8500#GVWR,3751-5750#ALVW; LDT4: LDT 6001-8500#GVWR,5751-8500#ALVW; MDV: medium-duty vehicle; MDV4: MDV 8501-10000#GVWR; MDV5: MDV 10001-14000#GVWR; MDPV: mediumduty passenger vehicle; ECS: emission control system; CERT: certification; STD: standard; FEL: family emission limit; GVWR: gross vehicle weight rating: LVW: loaded vehicle weight: ALVW: adjusted LVW; LEV: low emission vehicle; ULEV: ultra LEV; SULEV: super ULEV; ZEV: zero-emission vehicle; PZEV: partial ZEV; AT PZEV: advanced technology PZEV; TZEV: transitional ZEV; TWC/OC: 3-way/oxidizing catalyst; ADSTWC: adsorbing TWC; HAC: HC adsorbing catalyst; WU: warm-up catalyst; NAC: NOx adsorption catalyst; SCR-U or SCRC/SCR-N or SCRC-NH3: selective catalytic reduction-urea/ammonia; NH3OC: ammonia oxidation catalyst: CTOX/PTOX; continuous/periodic trap oxidizer; DPF; diesel particulate filter (active); GPF; PM filter for sparkignited engine; HO2S/O2S; heated/oxygen sensor; WR-HO2S or AFS: wide range/linear/heated air-fuel ratio sensor; NOXS: NOX sensor; PMS: PM sensor; RDQS: reductant quality sensor; NH3S: ammonia sensor; EGR: exhaust gas recirculation; EGRC: EGR cooler; AIR/AIRE: secondary air injection (belt driven)/(electric driven); PAIR: pulsed AIR: SFI/MFI: sequential/multiport fuel injection: DFI/IFI: direct/indirect fuel injection; TC/SC: turbo/super charger; CAC: charge air cooler; F/P/\$: full/partial/partial with fines on-board diagnostic; DOR: direct ozone reducing; HCT: hydrocarbon trap; BCAN: bleed carbon canister; prefix 2: parallel; (2) suffix: series; CNG/LNG; compressed/liquefied natural gas; LPG: liquefied petroleum gas; E85: "85%" ethanol ("15%"gasoline) fuel; E10: "10%" ethanol ("90%"gasoline) fuel; A: automatic (with lockup); M: manual transmission; SA: semi-automatic transmission; CV: continuously variable transmission; SCV: selectable continuously variable transmission; AM: automated manual transmission; AMS: automated manual-selectable transmission; OT: other transmission

2016 MODEL YEAR: VEHICLE MODELS INFORMATION **ENGINE EVAPORATIVE** EXH PZEV TYPE **VEH CLASS** TRANS TYPE OBD MAKE MODEL **FAMILY ECS** (L) PROMASTER 1500 \$ RAM MDV4 3.0 AM6 כושית PROMASTER 2500 \$ MDV4 3.0 AM6 1 RAM CIWIT

AM6

3.0