California Environmental Protection Agency
O
Air Resources Board
DAIMLER AG
DAIMLER AG
Executive Order: A-003-0562
New Passenger Cars, Light-Duty Trucks and
Medium-Duty Vehicles
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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 GRO	UP IN	FORM	ATION					
MOD					ICLE CLASS(E	S)		FUEL C	ATEC	GORY	FUEL TYPE		
201	016 GMBXT03.0HD2				MDV5		DEDICATED SINGLE FUEL VEHICLE				DIESEL		
	USEF	UL LIFE (	miles)		EHICLE EMISS	ION C	ATEG	ORY	INT	ERIM / INT	ERMEDIA	TE IN-USE STD	
EXH/ORVR EVAP			P	FTP		SFI	P		FTP		SFTP		
1	120000		*	I	EV2 ULEV		*			*		*	
SP	PECIAL	FEATUR		XHAUST EMIS	SION CONTRO	L		OBD ST	TATU	s	ENGINE	DISPLACEMENT (L)	
1 OC, DPF, SCRC, WR-HO2S, NOXS(2), DFI, EGR, EGRC, TC, CAC								FULL	*				
*		*						ARTIAL	1	*	3.0		
*		. *						FINES ALL MODELS					
				EVAPORATIVE	& REFUELING	(EVA	P/OR	R) FAMILY	INFO	ORMATION			
EV	AP / OF	RVR FAM	ILY	EVAPORAT	IVE STD CATE	GORY		EVAP EMIS			SPECIA	L FEATURES	
	-	*			*	1.1	*				*		
					EMISSION CI	REDIT	INFO	RMATION					
		ALLOW	ANCE	FOR TEST GR	OUP			CREDIT FC		NMOG CRI		OPTIONAL EXH.	
BASELINE PZEV AT PZEV				TZEV	NO	NON-PZEV ZERO-EVAP D			DO	TRUCKS			
	* *					+	N I			N	n N		
				NM	OG AND FLEET	AVE	RAGE	INFORMAT	TION				
NMO			TP NMOG/NMH RATIO		IHC R	ΑΤΙΟ	PC+LDT			LDT (3	NOX FLEET STD 751 LVW-8500 + MDPV (g/mi)		
	*	*		*	0.	018			*		*		

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.

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## 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 (OBD) system of the listed vehicle models has been determined to have four deficiencies. The listed vehicle models are approved subject to the manufacturer paying a fine of \$50 per vehicle for the third through fourth 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 June 2015.

Annette Hebert, Chief Emissions Compliance, Automotive Regulations and Science Division

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# 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<br/>monoxide; NOx: oxides of nitrogen; HCHO: formaldehyde; PM: particulate matter; RAF: reactivity<br/>adjustment factor; 2DHS/3DHS [g HC/test]: 2/3 days diurnal+hot-soak; RL [g HC/mi]: running loss;<br/>ORVR [g HC/gallon dispensed]: on-board refueling vapor recovery; g: gram; mg: milligram; mi: mile; K:<br/>1000 miles; F: degrees Fahrenheit; FTP: federal test procedure; SFTP: supplemental FTP

	·		NMHC (g/mi)		CO (g/mi)			NOx (g/mi)		HO /mi)	PM (g/mi)		
			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CEF	RT STD	
FTP@50K	*	r	*	*	*	*	*	*	*	*	*	*	
FTP@UL	DIESE	L-EPA	0.010	0.167	0.2	7.3	0.2	0.4	0.2	21	0.0	04 0.06	
50°F @4K	*		*	*	*	*	*	*	*	*			
al index					-			NOx (g/mi)			CO (g/mi)		
		FUEL TYPE						RT	STD	CEF	T	STD	
HWFET @ 50K				*			*		*				
HWFET @ UL		DIESEL-EPA					0.	2	0.8				
20°F @ 50K		*								*		*	

#### SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

		SET	PEXHAL	JSIEN	1155101	STAND	ARDS	AND	CERTIFIC	A HON L	EVELS			
					US06				SC03		CC	OMPOSITE		
	FUEL TY	PE	NMHC+N (g/mi)		CO (g/mi)	P (mg	M /mi)		iC+NOx g/mi)	CO (g/mi)	NMHC+NO (g/mi)	x CO (g/mi)	PM (mg/mi	
MAK	*	CERT	*		*	*		*		*			a para	
@ 4K	*	STD			*	1		*		*				
		CERT	*		*	* *		*		*	*	*	*	
@ UL	`*	STD	*	*		* *			* *		*	*	*	
1.1		BIN					e et l	-			*		1	
		WHOLE VEH	ICLE EV	APOR/	TIVE E	MISSION	STAN	DAR	DS AND C	ERTIFIC	ATION LEVE	LS		
				W	HOLE V	/EHICLE	EVAP	ORAT	IVE TEST	TING				
	ORATIVE	FUEL TYP	PE 3DHS (g		g/test) @ UL			2DHS (g/test)		@ UL	F	RL (g/mi) @ UL		
			CEF	RT	STD	FEL	CE	RT	STD	FE	CE	RT	STD	
	*	*	*		* *		*	* *		*	*		*	
(	ORVR / FUI	EL ONLY / CA	NISTER	BLEE	DEVAP	ORATIVE	EMIS	SION	STANDA	RDS AND	CERTIFICA	TION LEVE	LS	
							F	JEL O	NLY EVA	P & CAN	ISTER BLEE	D		
	ORATIVE	ORVR (g/	gallon) (	DUL	FUE	FUEL TYPE		3DHS RIG TEST (g/test) @ UL		1	RIG TEST st) @ UL		EED CANISTER ST (g/test) @ 4K	
		FUEL TYPE	CERT	STD			CE	RT	STD	CERT	STD	CERT	STD	
	*	*	*	*		*		*	*	*	*	*	*	

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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

MAKE	MAKE MODEL		ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD	PZEV TYPE
FREIGHTLINER	3500	MDV5	3.0	A5	*	1	\$	*
MERCEDES-BENZ	SPRINTER 3500 CDI	MDV5	3.0	A5	*	1	\$	*