# California Environmental Protection Agency

**OB** Air Resources Board

DAIMLER AG

Executive Order: A-003-0561

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 I	NFOF	RMATION		1444				
MODEL YEAR	- ı	TEST GROUP			VEHICLE CLASS(ES)				FUEL CATEGORY				FUEL TYPE			
2016	2016 GMBXT03.0HD1				MDV4					DEDICATED SINGLE FUEL VEHICLE				DIESEL		
L	JL LIFE	VEHICLE EMISSION CATEG				GORY	NTERIM / IN	TERMEDIATE IN-USE STD								
EXH/ORVR EVAP					FTP				SI	FTP		FTP			SFTP	
120000 *					LEV2 ULEV				*		*	*				
SPECIAL FEATURES & EXHAUST EMISSION CONTROL SYSTEMS								_	OBD STA			TUS		ENGINE DISPLACEMENT (L)		
OC, DPF, SCRC, WR-HO2S, NOXS(2), DFI, EGR, EGRC, TC, CAC								R,	FULL		**					
*	*									PARTIAL		*	3.0			
*	* * PARTIAL WITH ALL MODELS															
EVAPORATIVE & REFUELING (EVAP/ORVR) FAMILY INFORMATION																
EVAF	EVAP / ORVR FAMILY EVAPORATIVE STD CATEGOR							SOR'	Y EVAP EMISSION STD VEHICLE CLASS			SPECIAL FEATURES				
*					* *					*			*			
						ΕN	MISSION CF	REDI	TINF	ORMATION						
	,,,,,,										CREDIT FOR I NMOG CREDIT FOR STD E			OPTIONAL EXH. STD FOR WORK		
BASE	LINE	PZEV	A.	r PZE\	TZEV			N	ON-P	ZEV ZERO-E	)-EVAP		OR		TRUCKS	
* * *						*			N I			И и				
NMOG AND FLEET AVERAGE INFORMATION																
NMOG	NMOG RAF CH4 RAF				MOG/NMHC RATIO			HC F	RATIO	NMOG+NOX FLE PC+LDT (0-3750 (g/mi)		3750 LVW)	LDT (3		NOX FLEET STD 751 LVW-8500 + MDPV (g/mi)	
*	* * *				k	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 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.

**8** day of June 2015.

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

Executed at El Monte, California on this \_\_

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

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## ATTACHMENT

							Α	TTAC	HME	NT							
	EXH		_									CERTI		-	LEVELS	}	
	FI	FUEL TYPE		CH4 mor adju OR'	4: methar noxide; N ustment fa VR [g HC	ne; NMO Ox: oxid actor; 2D /gallon o	G: non- es of ni OHS/3D dispense	CH4 orga trogen; H HS [g HC ed]: on-bo	anic gas CHO: f /test]: 2 pard ref	s; HC: I ormald 2/3 days	hydrocar ehyde; P s diurnal vapor rec	bon; NMH M: particu +hot-soak;	C: non- late ma RL [g gram; r	-CH4 Hatter; R HC/mi]	IC; CO: ca AF: reactive: running I ligram; mi:	vity oss;	
		*			NMHC (g/mi)			CO (g/mi)			Ox mi)	HCHC (mg/m				PM (g/mi)	
					ERT	STD	CER	STI	0	ERT	STD	CERT	r	TD	CERT	STD	
FTP@5	0K				*	*	*	*		*	*	*		*	*	*	
FTP@L	FTP@UL DIES		SEL-EPA		004	0.143	0.1	6.4	4	0.17	0.2	0.1	16		0.003	0.06	
50°F @	4K	,	*		*	*	*	*		*	*	*		*			
A					FII	EL TYP	F				NOx (g	g/mi)			CO (g/mi	)	
						FOEL TIPE				CERT		STD		CERT		STD	
HWFE	Г@ 50	K				*				,	*	*	, i			n de action National	
HWFET @ UL				DIESEL-EPA						0.2		1					
20°F @ 50K					*								*			*	
				SFT	PEXHA	JST EM	ISSION	STANDA	ARDS	AND C	ERTIFIC	ATION LE	VELS				
							JS06				SC03				COMPOSITE		
	FUEL	TY	YPE		NMHC+NOx (g/mi)		CO PN (g/mi) (mg/			NMHC+NOx (g/mi)		CO (g/mi)	NMHC+NC (g/mi)		CO (g/mi)	PM (mg/mi	
@ AV		*		CERT STD		* *				* *		*	- No. 1	= 1, ,	T		
@ 4K								a less				*					
		*		015				*			*		*	*		*	*
@ UL									* ;		*		k .	*		*	*
		BII											*				
			WHC	DLE VEH	IICLE EV							ERTIFICA	TION	LEVEL	.S		
-						W	HOLE V	EHICLE	EVAPO	DRATI	/E TEST	ING		DI	( m / m i ) @		
FAMILY		IVE	FUEL TYPE		E 3	BDHS (g	/test) @ UL			2DHS (g/test)		@ UL		RL (g/mi) @		OL	
					CE	CERT S		FEL	CER	RT STD		FEL	L CEF		Т	STD	
*				*			*	*	*	*		*	* 1		* *		
	RVR /	FUE	EL O	NLY / CA	ANISTER	BLEED	EVAP	ORATIVE	EMIS	SION S	TANDA	RDS AND	CERT	IFICAT	ION LEVE	ELS	
												P & CANIS					
EVAPORATIVE FAMILY		IVE	0	RVR (g/	gallon) (	D UL	FUEL TYPE			3DHS RIG TEST (g/test) @ UL		2DHS RIG TE (g/test) @ U					
			FUEL TYPE		CERT	STD	C			RT	STD	CERT	ST	D	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: LDT<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	MODEL	VEH CLASS	ENGINE (L) TRANS TYPE		EVAPORATIVE FAMILY	EXH ECS	OBD	PZEV TYPE
FREIGHTLINER	2500	MDV4	3.0	A5	*	1	\$	*
FREIGHTLINER	3500	MDV4	3.0	A5	*	1	\$	*
MERCEDES-BENZ	SPRINTER 2500 CDI	MDV4	3.0	<b>A</b> 5	*	1	\$	*
MERCEDES-BENZ	SPRINTER 3500 CDI	MDV4	3.0	<b>A</b> 5	*	1	\$	*