

#### DR. ING H.C.F. PORSCHE AKTIENGESELLSCHAFT

Executive Order: A-019-0249-3
New Passenger Cars, Light-Duty Trucks and
Medium-Duty Vehicles
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Pursuant to the authority vested in California 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. That 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	NFORM	IATION				
MODE		EST GROUP	VEHICLE CLASS(ES)		FUEL CATEGORY		FUEL TYPE			
2018	JP	PRXV04.0T91		PC	D		SINGLE FUEL	GASOLINE		
l	USEFUL	LIFE (miles)	VEH	ICLE EMISSION	CATEG	ORY	INTERIM / INT	ERMEDIATE IN-USE STD		
EXH	/ORVR	EVAP		FTP SFTF		P	FTP	SFTP		
12	0000	150000	LEV	2 LEV	LEV 2 STAND		*			
SPE	CIAL FE		HAUST EMISSIC	ON CONTROL		OBD S	TATUS	ENGINE DISPLACEMENT		
1	,	2TWC, 2HO	2S(2), DFI, 2	AIR		FULL	*			
2	2TWC, 2HO2S(2), DFI, AIR, 2TC, 2CAC PARTIAL ALL MODELS						3.8, 4.0			
*			*			TIAL WITH	*			
		EV	APORATIVE &	REFUELING (EV	AP/OR\	/R) FAMILY	INFORMATION	al-		
EVA	P / ORV	R FAMILY	EVAPORATIVE	STD CATEGOR	RY		SSION STD E CLASS	SPECIAL FEATURES		
J	PRXR01	150R92	L	EV 2		P	c	*		
			E	MISSION CRED	IT INFO	RMATION		•		
	EDIT FO	OX FLEET AVE. OR EXTENDED RRANTY		EDIT FOR NON- ZERO-EVAP	PZEV	NMOG CI	REDIT FOR DOR	OPTIONAL EXH. STD FOR WORK TRUCKS		
n n					N			N		
			NMOG	AND FLEET AV	ERAGE	INFORMA	TION			
NMOG CH4 RAF NMOG/NMHC RATIO		HCHO/NMHC RATIO	DC-11 111 (1)-3750 1		LDT	+NOX FLEET ST (3751 LVW-8500 R) + MDPV (g/mi)	NMOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)			
*	*	1.04	0.01	0.07	9		0.092	* .		

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 fleet average compliance requirement for NMOG+NOx or Vehicle Equivalent Credit (13 CCR Sections 1961.2(b)(1), 1961.2(b)(3), or 1961.2(c)(3), and the incorporated test procedures, as applicable), or Greenhouse Gas Emissions (13 CCR Section 1961.3, or 17 CCR Section 95663, and the incorporated test procedures, as applicable), for PC, LDT, MDPV or MDV 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).

This Executive Order hereby supersedes Executive Order A-019-0249-2 dated March 5, 2018.

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 April 2018

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division



50°F @4K

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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 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** нсно **NMOG** CO NOx PM (g/mi) (g/mi) (g/mi) (g/mi) (mg/mi) CERT CERT STD CERT STD STD CERT STD CERT STD GASOLINE -0.075 TIER 2 0.016 0.2 3.4 0.03 0.05 0 FTP@50K 15 UNLEADED GASOLINE -0.07 0.00 0.01 TIER 2 0.019 0.090 0.2 4.2 0.03 0 18 FTP@UL UNLEADED

	FUEL TYPE	NOx	(g/mi)	CO (g/mi)		
	FUEL TYPE	CERT	STD	CERT	STD	
HWFET @ 50K	GASOLINE - TIER 2 UNLEADED	0.00	0.07			
HWFET @ UL	GASOLINE - TIER 2 UNLEADED	0.00	0.09			
20°F @ 50K	GASOLINE - TIER 2 UNLEADED			0.9	10.0	

SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

				US06	,	SC03	3	COMPOSITE		
	FUEL TYPE	(4)(4)	NMHC+NOx (g/mi)	CO (g/mi)	PM (mg/mi)	NMHC+NOx (g/mi)	CO (g/mi)	NMOG+NOx (g/mi)	CO (g/mi)	PM (mg/mi)
@ 4K	GASOLINE - TIER 2 UNLEADED	CERT	0.02	0.0		0.02	0.0			
@ 41.		STD	0.14	8.0		0.20	2.7			
		CERT	*	*	*	*	*	0.034	*	*
@ UL	GASOLINE - TIER 2 UNLEADED	STD	*	*	*	*		0.097	*.	*
		BIN			115			0.100		

WHOLE VEHICLE EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

			WHOLE	RL (g/mi) @ UL					
EVAPORATIVE FAMILY	FUEL TYPE	3DHS (g/test) @ UL					2DHS (g/test) @ UL		
		CERT	STD	FEL	CERT	STD	FEL	CERT	STD
JPRXR0150R92	GASOLINE - TIER 2 UNLEADED	0.36	0.50	*	0.24	0.65	*	0.00	0.05



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				FUEL ONLY EVAP & CANISTER BLEED								
EVAPORATIVE FAMILY	ORVR (g/gallon) @ UL			FUEL TYPE	3DHS RIG TEST (g/test) @ UL		2DHS RIG TEST (g/test) @ UL		BLEED CANISTER TEST (g/test) @ 4			
	FUEL TYPE	CERT	STD		CERT	STD	CERT	STD	CERT	STD		
JPRXR0150R92	GASOLINE - TIER 2 UNLEADED	0.05	0.20	*	*		*	*	*	*		
	EFFECTIVE I	LEAK D	IAMET	ER STANDAR	D AND CE	RTIFICA	TION LEV	EL (INCI	HES)			
EVAPORATIVE FAMILY LEAK		K FAMIL	.Y	CERT			STD					
*			*		*			*				

: 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; HDV: heavy-duty vehicle; ECS: emission control system; CERT: certification; STD: standard; FEL: family emission limit; GWR: 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; 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 spark-ignited engine; HO2S/O2S: neated/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; FFH: fuel fired heater; 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; AER: all-electric range; EAER: equivalent AER; PHEV: plug-in hybrid electric vehicle

## 2018 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	ECS	ОВО
PORSCHE	911 GT2 RS	PC	3.8	AMS7	JPRXR0150R92	2	P
PORSCHE	911 GT3	PC	4.0	AMS7,M6	JPRXR0150R92	1	P
PORSCHE	911 GT3 TOURING	PC	4.0	М6	JPRXR0150R92	1	P
PORSCHE	911 TURBO	PC	3.8	AMS7	JPRXR0150R92	2	P
PORSCHE	911 TURBO CABRIOLET	PC	3.8	AMS7	JPRXR0150R92	2	P
PORSCHE	911 TURBO S	PC	3.8	AMS7	JPRXR0150R92	2	P
PORSCHE	911 TURBO S CABRIOLET	PC	3.8	AMS7	JPRXR0150R92	2	P
PORSCHE	911 TURBO S EXCLUSIVE	PC	3.8	AMS7	JPRXR0150R92	2	P