

Executive Order: A-019-0340

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-19-095;

IT IS ORDERED AND RESOLVED: The following vehicles produced by the manufacturer are certified as plug-in hybrid electric vehicles pursuant to Title 13, California Code of Regulations (13 CCR) Sections 1961 or 1961.2, 1962.2, 1976, 1978 and the incorporated test procedures. Production vehicles shall be in all material respects the same as those for which certification is granted.

					TEST GR	ROUP IN	NFC	ORMATION	N				
MODE YEAR		EST GROUP		VEHIC	LE CLASS((ES)		FU	JEL C	CATEGORY		FUEL TYPE	
2024	RP	RXT04.0CH8			LDT4				PLUG-IN HYBRID ELECTRIC VEHICLE			GASOLINE	
ı	USEFUL	LIFE (miles)		VEH	IICLE EMIS	SION	CAT	TEGORY		INTERIM / IN	TERMEDIATE IN-USE STD		
EXH	/ORVR	EVAP			FTP SFT			SFTP	FTP			SFTP	
15	0000	150000		LEV3	ULEV125	LEV	73	COMPOSIT	TE	*		*	
SPECIAL FEATURES & EXHAUST EMISSION CONTROL SYSTEMS						OL		OE	BD S	TATUS		ENGINE DISPLACEMENT (L)	
1 2TWC, MAP, DFI, 2WR-HO2S, 2HO2S, 2TC, 2CAC								FULL		*			
*	* *							PARTIAI	L	ALL MODELS		4.0	
*	* *							ARTIAL W		*			
	EVAPORATIVE & REFUELING (EVAP/ORVR) FAMILY INFORMATION												
EVA	P / ORV	R FAMILY	EVAF	ORATIVE	STD CAT	EGORY	′			EMISSION STD SPECIAL FEATURES			
R	PRXR01	76REH	LE	V 3 OPTI	ON2 WITH	FEL		LDT4			*		
		•		ı	EMISSION	CREDIT	ΓIN	FORMAT	ION				
ALL	GRO	E FOR TEST DUP EV	A۱	IOG+NOX /E. CRED :NDED W/			-PZ	REDIT FOZEV ZERO	ZERO- NMOG CREDIT		FOR OPTIONAL EXH. STD FOR WORK TRUCKS		
		*		N				N		N		N	
				NMOG	AND FLE	ET AVE	RA	AGE INFOR	RMA	TION		•	
NMOG RAF	NMOG/NMHC DC+11)1 /0-37			(0-375		.VW) I	LDT	+NOX FLEET S (3751 LVW-8500 R) + MDPV (g/m)	NMOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)			
*	*	1.10		*		0.037				0.038		*	
0		16 1/1:					_	Di		- · - · ·		antral Cuatama Dhasa	

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. (As applicable, heavy-duty vehicles (HDV) over 14,000 pounds in GVWR listed in this Executive Order are certified to the requirements in 13 CCR Section 1961.2 applicable to MDV pursuant to 13 CCR Section 1956.8(c)(3) or 13 CCR Section 1956.8(h)(5), as applicable.)



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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).

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

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

Executed on this 2nd day of August 2024.

Robin U. Lang, Chief

Emissions Certification and Compliance Division



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ATTACHMENT

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

CH4: methane; NMOG: non-CH4 organic gas; HC: hydrocarbon; NMHC: non-CH4 HC; CO: carbon
manayida, NOvi ayidaa af nitragan, HCHO, farmaldahyda, DM, nartiaylata mattar, DAE, raactivity

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

			NMOG+NOx (g/mi)		CO (g/mi)		NOx (g/mi)		HCHO (mg/mi)		PM (g/mi)	
		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
FTP@50K	*	*	*	*	*	*	*	*	*	*	*	
FTP@UL	GASOLINE- TIER3 E10 PREM	0.047	0.125	0.9	2.1	*	*	*	4	0.001	0.003	
50°F @4K	*	*	*	*	*	*	*	*	*			

	FUEL TYPE	NMOG+N	lOx (g/mi)	CO (g/mi)		
	FUEL TIPE	CERT	STD	CERT	STD	
HWFET @ 50K	*	*	*			
HWFET @ UL	GASOLINE-TIER3 E10 PREM	0.024	0.125			
20°F @ 50K	COLD CO E10 PREMIUM GASOLINE (TIER3)			1.5	12.5	

SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

					SC03	3	COMPOSITE			
	FUEL TYPE		NMOG+NOx (g/mi)	CO (g/mi)	PM (mg/mi)	NMOG+NOx (g/mi)	CO (g/mi)	NMOG+NOx (g/mi)	CO (g/mi)	PM (mg/mi)
@ 4K	K *	CERT	*	*		*	*			
		STD	*	*		*	*			
		CERT	*	*	1	*	*	0.039	1.0	*
@ UL	GASOLINE- TIER3 E10 PREM	STD	*	*	6	*	*	0.057	4.2	*
		BIN						0.100		

WHOLE VEHICLE EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

			WHOLE \						
EVAPORATIVE FAMILY	FUEL TYPE	3DHS (g/test) @ UL			2DI	HS (g/test) (RL (g/mi) @ UL		
		CERT	STD	FEL	CERT	STD	FEL	CERT	STD
RPRXR0176REH	GASOLINE- TIER3 E10 PREM	0.222	0.500	0.500	0.125	0.500	0.500	0.00	0.05

ORVR / FUEL ONLY / CANISTER BLEED EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

				FUEL ONLY EVAP & CANISTER BLEED									
EVAPORATIVE FAMILY	ORVR (g/gallon) @ UL			FUEL TYPE	3DHS R (g/test	IG TEST) @ UL	2DHS RIG TEST (g/test) @ UL		BLEED CANISTER TEST (g/test) @ 4K				
	FUEL TYPE	CERT	STD		CERT	STD	CERT	STD	CERT	STD			
RPRXR0176REH	GASOLINE- TIER3 E10 PREM	0.01	0.20	*	*	*	*	*	*	*			



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EFFECTIVE LEAK DIAMETER STANDARD AND CERTIFICATION LEVEL (INCHES)									
EVAPORATIVE FAMILY	LEAK FAMILY	CERT	STD						
RPRXR0176REH	RPRXR0176REH-001	*	0.02						

*: 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; HDV: heavy-duty 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; 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; cGPF (coated gasoline particulate filter); 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; HP/LP EGR: High/Low Pressure EGR; EGRC: EGR cooler; AIŔ/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; a hyphen (-) between after treatment ECS indicates multiple functionalities of the after treatment device (ex. DPF-SCRC: SCR coated DPF); 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; NMOG + NOx Fleet Ave. Credit for Extended Warranty: N = no credits, Y = credits, S = credits for some/select models

2024 MODEL YEAR: VEHICLE MODELS INFORMATION

MODEL NUMBER	MAKE	MODEL	VEH CLASS	ENGINE (L)	TRANS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD
1	PORSCHE	CAYENNE TURBO E-HYBRID	LDT4	4.0	SA8	RPRXR0176REH	1	P
2	PORSCHE	CAYENNE TURBO E-HYBRID COUPE	LDT4	4.0	SA8	RPRXR0176REH	1	P

ELECTRIC RANGE AND ZEV ALLOWANCE INFORMATION

MODEL	PHEV TYPE	UDDS AER	UDDS EAER	US06 AER	HIGHW	HIGHWAY (MILES)		
NUMBER	PHEV TIPE	(MILES)	(MILES)	(MILES)	AER	EAER	ALLOWANCE	
1	*	33.0	32.2	*	34.8	21.4	0.00	
2	*	33.0	32.1	*	35.8	25.2	0.00	