

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: 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 GROUP INFORMATION															
MOD YEA		ST GROUP	VEHICLE CLASS(ES				ES) FUEL CAT			CAT	ATEGORY		FUEL TYPE		
201	2019 KJLXT02.0PTW			LDT4			-	PLUG-IN HYBRID ELECTRIC VEHICLE				GASOLINE			
USEFUL LIFE (miles)				VEHICLE EMISSION CATEGOR				TEGOR				TERM	RMEDIATE IN-USE STD		
EXH/ORVR EVAP			100	F	FTP S			SFTP	FTP		FTP		SFTP		
150000 150000				LEV3	SULEV30 LEV 3 STAND-A		V 3 SULI			NMOG+NOX		*			
SPECIAL FEATURES & EXHAUST EMISSION CONTROL SYSTEMS					OL			OBD STATUS		EN	GINE DISPLACEMENT (L)				
1	TWC	, WR-H02S, H	02S (2	2), DFI,	TC, CAC			FUL	L		*				
*								PART	IAL	P	ALL MODELS		2.0		
*	* *						F	PARTIAL FINE		۹ <u>*</u>					
EVAPORATIVE & REFUELING (EVAP/ORVR) FAMILY INFORMATION															
EVAP / ORVR FAMILY EVAPORATIVE STD CATEGO						EGOR	ORY EVAP EMISSION STE VEHICLE CLASS				SPECIAL FEATURES				
KJLXR0175M1A				LEV 3 OPTION2				LDT4			4		*		
				E	MISSION	CRED	TI	INFORM	ATION	1					
GROUP				NMOG+NOX FLEET AVE. CREDIT FOR TENDED WARRANTY		NMOG CRE NON-PZE ^V TY EVA			V ZERO-		NMOG CREDIT FOR DOR		R OPTIONAL EXH. STD FOR WORK TRUCKS		
ALL MODELS N				N		N	N			N					
NMOG AND FLEET AVERAGE INFORMATION															
NMO RAF	- 100 AC 10 AC	FTP NMOG/NMHC RATIO		IO/NMHC RATIO	NMOG+NOX FL PC+LDT (0-37 (g/mi)		0-3750 LVW)		LDI	NMOG+NOX FLEET ST LDT (3751 LVW-8500 GVWR) + MDPV (g/mi		0	MOG+NOX FLEET STD MDV (10,001-14,000 GVWR) (g/mi)		
*	*	1.10		0.02	0.072					0.083			*		

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.

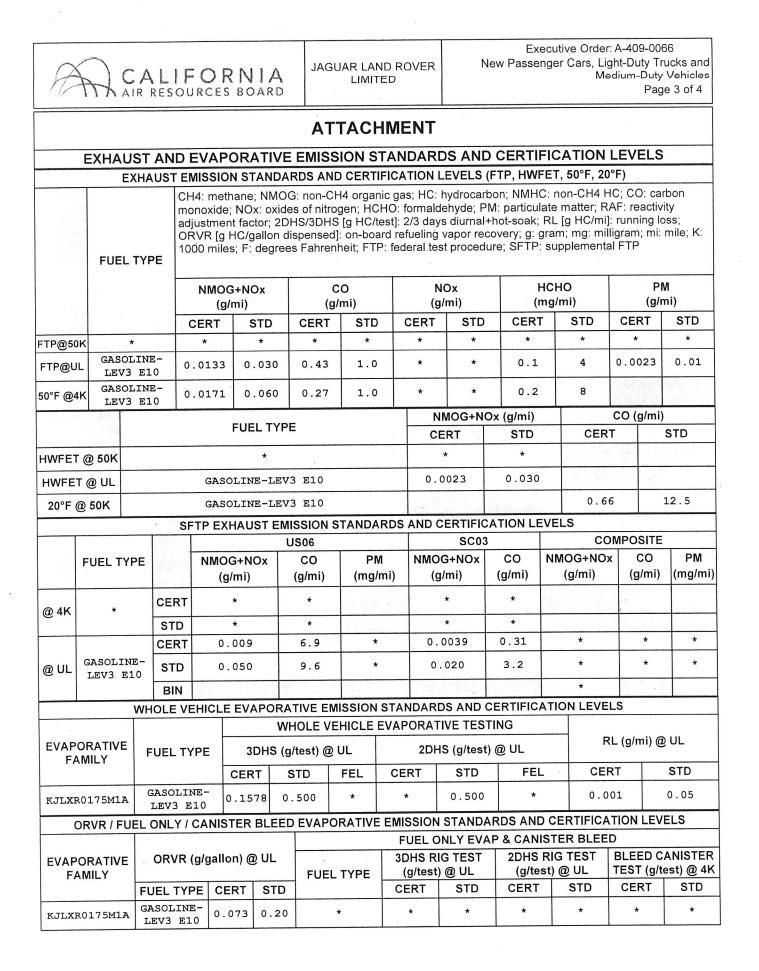
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The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this ______ day of March 2019.

nnette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division



A	RALI AIR RESO	FORNIA urces board	JAGU	JAGUAR LAND ROVER LIMITED			Executive Order: A-409-0066 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles Page 4 of 4						
EFFECTIVE LEAK DIAMETER STANDARD AND CERTIFICATION LEVEL (INCHES)													
EVAPORATIVE FAMILY LEAK FAMILY			(CERT			ST	STD					
KJL	XR0175M1A	KJLXR0175M1A-	001	01 *			0.	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: medium- duty 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; 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; 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; LPC: liquefied petroleum gas; E85: "85%" ethanol ("15%" gasoline) fuel; E10: "10%" ethanol ("90%"gasoline) fuel; A: automatic (with lockup); M: manual transmission; AA: automatic transmission; AMS: automated manual-selectable transmission; OT: other transmission; AER: all-electric range;													
	2019	MODEL YEAR	R: VE	HICLE M	ODE	LS INF	ORMATION	.					
MODEL NUMBER	MAKE	MODEL	VEH CLASS	ENGINE (L)	TRAN	IS TYPE	EVAPORATIVE FAMILY	EXH ECS	OBD				
1	LAND ROVER	RANGE ROVER	LDT4	2.0	5	SA8	KJLXR0175M1A	1	P				

ELECTRIC RANGE AND ZEV ALLOWANCE INFORMATION

2.0

SA8

LDT4

Ρ

1

KJLXR0175M1A

PHEV RANGE ROVER

SPORT PHEV

2

LAND ROVER

MODEL		UDDS AER	UDDS EAER	US06 AER	HIGHW	ZEV		
NUMBER	PHEV TYPE	(MILES)	(MILES)	(MILES)	AER	EAER	ALLOWANCE	
2	TZEV	28.67	28.049	* *	28.83	29.485	0.58	
1	TZEV	28.67	28.049	*.	28.83	29.485	0.58	