

Pursuant to the authority vested in California Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-19-095;

IT IS ORDERED AND RESOLVED: That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2023	PDCLL03.8JAV	3.833	Diesel	8000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Electronic Direct Injection, Turbocharger, Engine Control Module, Diesel Oxidation Catalyst, Selective Catalytic Reduction-Urea, Exhaust Gas Recirculation, Periodic Trap Oxidizer			Loader, Tractor, Combine Harvester	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for non-methane hydrocarbon (NMHC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			NMHC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
56 ≤ kW < 130	Tier 4 Final	STD	0.19	0.40	N/A	5.0	0.02	N/A	N/A	N/A
		CERT	0.01	0.27	--	0.00	0.003	--	--	--

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

BE IT FURTHER RESOLVED: That for the listed engine models which include engines from different power categories in the same engine family, the manufacturer is complying with the more stringent set of standards from the 56 ≤ kW < 130 power categories in conformance with the incorporated Section 1039.230 (e) of the "California Exhaust Emission Standards and Test Procedures for New 2011 and Later Tier 4 Off-Road Compression Ignition Engines, Part 1-D" adopted October 20, 2005 and last amended October 25, 2012.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed on this 7th day of February 2023.



Robin U. Lang, Chief
 Emissions Certification and Compliance Division

Attachment: Engine Models

EO #: U-R-044-0186

Family: PDCLL3.8JAV

Attachment Last Revised: 2/10/2022

Model	Code	Trim	Config	Displacement	Displacement - Units	Peak Power	Peak Power - Units	Peak Power - Speed (rpm)	Peak Power - Fueling	Peak Power - Fuel Units	Peak Torque	Peak Torque - Units	Peak Torque - Speed (rpm)	Peak Torque - Fuel Units	OBD	GHG	Special	Notes	
4JTA4	A519-2284	N/A	L4	3.833	Liters	104.5	kilowatt	2200	105	mm3/stroke	540	N-m	1400	120	mm3/stroke	N/A	N/A	N/A	N/A
4JTA4	9726-2284	N/A	L4	3.833	Liters	97	kilowatt	2200	96.3	mm3/stroke	530	N-m	1400	116.9	mm3/stroke	N/A	N/A	N/A	N/A
4JTA4	9425-2284	N/A	L4	3.833	Liters	93.5	kilowatt	2200	93.8	mm3/stroke	508	N-m	1400	111.7	mm3/stroke	N/A	N/A	N/A	N/A
4JTA4	8630-2284	N/A	L4	3.833	Liters	86	kilowatt	2200	85.3	mm3/stroke	486	N-m	1400	106.3	mm3/stroke	N/A	N/A	N/A	N/A
4JTA4	8625-2284	N/A	L4	3.833	Liters	86	kilowatt	2200	85.3	mm3/stroke	468	N-m	1400	104	mm3/stroke	N/A	N/A	N/A	N/A
4JTA4	8225-2284	N/A	L4	3.833	Liters	82	kilowatt	2200	83	mm3/stroke	446	N-m	1400	99.5	mm3/stroke	N/A	N/A	N/A	N/A
4JTA4	7830-2284	N/A	L4	3.833	Liters	78	kilowatt	2200	77.2	mm3/stroke	442	N-m	1400	96.2	mm3/stroke	N/A	N/A	N/A	N/A
4JTA4	7530-2284	N/A	L4	3.833	Liters	74.5	kilowatt	2200	74.8	mm3/stroke	422	N-m	1400	93.7	mm3/stroke	N/A	N/A	N/A	N/A
4JTA4	7425-2284	N/A	L4	3.833	Liters	73.5	kilowatt	2200	74.4	mm3/stroke	400	N-m	1400	88.9	mm3/stroke	N/A	N/A	N/A	N/A
4JTA4	7130-2284	N/A	L4	3.833	Liters	71	kilowatt	2200	70.6	mm3/stroke	402	N-m	1400	87.2	mm3/stroke	N/A	N/A	N/A	N/A