

EXECUTIVE ORDER: U-R-013-0763

New Off-Road Compression-Ignition Engines

Page 1 of 1

Pursuant to the authority vested in the California Air Resources Board by Health and Safety Code Division 26, Part 5, Chapters 1 and 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

**IT IS ORDERED AND RESOLVED:** The engines and emission control systems produced by the manufacturer as described below are certified 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	Combustion Cycle	Fuel Operation	Fuel Type(s)	Engine Operation
2025	SDZXL04.1056	Diesel	Dedicated	Diesel	Variable-speed and Constant-speed

Emission Control Systems	Special Features
[1]: Direct Diesel Injection (DDI), Turbocharger (TC), Charge Air Cooler (CAC), Electronic Control Module (ECM), Exhaust Gas Recirculation (EGR), Diesel Oxidation Catalyst (DOC), Continuous Trap Oxidizer (CTOX), Selective Catalytic Reduction-Urea (SCR-U), Ammonia Oxidation Catalyst (AMOX)	None

The certified engine models are attached.

The listed engine models comply with the following: 1) emission standard limits (STD) and Not-To-Exceed (NTE) limits, as applicable, for criteria pollutants non-methane hydrocarbons (NMHC), nitrogen oxides (NOx), carbon monoxide (CO), and particulate matter (PM), and for smoke opacity as demonstrated during the Acceleration (ACL) and Lugging (LUG) modes, and the peak value (PEAK) in either mode of the Smoke Opacity cycle, as set forth in 13 CCR 2423 and the applicable California test procedures for off-road compression-ignition engines, and 2) family emission limits (FEL) declared by the manufacturer as allowed by the applicable California test procedures, stated in units of gram per kilowatt-hour (g/kW-hr) and percent opacity (%opacity), respectively, except as noted, or designated as not applicable (\*).

			Crit	eria	Smoke Opacity			
Applicable Standard		NMHC	NOx	СО	PM	ACL	LUG	PEAK
	STD	0.19	0.40	5.0	0.02	*	*	*
Tier 4 Final 75 ≤ kW < 130	FEL	*	*	*	*	*	*	*
70 = KVV - 100	NTE	0.28	0.60	6.2	0.03	*	*	*

**BE IT FURTHER RESOLVED:** Any declared FEL is the emission limit to which all engines must comply in lieu of the standard limit for certification purposes, subject to the restrictions of averaging, banking, or trading (ABT) programs allowed by the applicable California test procedures.

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

**BE IT FURTHER RESOLVED:** The listed engine models may only be installed in or on equipment such that engine operation is consistent with off-road compression-ignition engines as defined in 13 CCR 2421(a)(39).

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

Executed on this 18th day of October 2024.

Robin U. Lang, Chief

**Emissions Certification and Compliance Division** 

## ATTACHMENT: ENGINE MODELS

Family: SDZXL04.1056 EO Number: U-R-013-0763 Date Applicable: 9/30/2024

Odd					Peak Power				Peak Torque	!				
DAILLE CRYSTISA L4 4.038 154.2 3300 59.4 609 1500 48.7 1 N/A DAILLE CRYSTISA L4 4.038 150.9 2100 61.4 699 1500 53.9 1 N/A DAILLE CRYSTON L4 4.038 160.9 2100 55.9 663 1500 53.9 1 N/A DAILLE CRYSTON L4 4.038 146.8 2100 55.9 663 1500 50.5 1 N/A DAILLE CRYSTON L4 4.038 143.9 2200 43.9 500 1500 39.5 1 N/A DAILLE CRYSTON L4 4.038 113.9 2200 43.9 500 1500 39.5 1 N/A DAILLE CRYSTON L4 4.038 113.9 2200 43.9 500 1500 39.5 1 N/A DAILLE CRYSTON L4 4.038 120.6 2300 46.5 500 1500 39.5 1 N/A DAILLE CRYSTON L4 4.038 120.0 52.7 550 1500 42.2 1 N/A DAILLE CRYSTON L4 4.038 127.3 2000 46.2 530 1500 42.2 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 45.9 1500 43.2 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 45.9 1500 35.5 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 45.9 1500 35.5 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 45.4 440 1500 35.5 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 45.4 440 1500 35.5 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 45.4 440 1500 35.5 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 45.4 440 1500 35.5 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 45.4 440 1500 35.5 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 45.4 440 1500 35.5 1 N/A DAILLE CRYSTON L4 4.038 107.2 2300 47.4 500 1500 43.3 1 N/A DAILLE CRYSTON L4 4.038 131.4 2100 50.1 564 1500 43.3 1 N/A DAILLE CRYSTON L4 4.038 131.4 2100 50.1 564 1500 43.3 1 N/A DAILLE CRYSTON L4 4.038 17.3 2100 47.1 550 1500 42.1 1 N/A DAILLE CRYSTON L4 4.038 17.3 2200 48.1 550 1500 42.1 1 N/A DAILLE CRYSTON L4 4.038 17.3 2200 48.1 550 1500 42.1 1 N/A DAILLE CRYSTON L4 4.038 17.3 2200 48.1 550 1500 42.1 1 N/A DAILLE CRYSTON L4 4.038 17.3 2200 46.1 500 47.1 500 47.1 N/A DAILLE CRYSTON L4 4.038 17.3 2200 55.5 609 1500 47.1 N/A DAILLE CRYSTON L4 4.038 17.3 2200 55.5 609 1500 47.1 N/A DAILLE CRYSTON L4 4.038 17.2 2200 55.5 609 1500 47.1 N/A DAILLE CRYSTON L4 4.038 17.2 2200 55.5 609 1500 47.1 N/A DAILLE CRYSTON L4 4.038 17.2 2200 55.5 609 1500 47.1 N/A DAILLE CRYSTON L4 4.038 140.8 2200 55.5 609 1500 47.1 N/A DAILLE CRYSTON L4 4.038 140.8 2200 55.5 609 1500 47.2 1 N/A DAILLE CRYSTON L4 4.038 140.8 2200 55.5 6		Code	Trim	Config	Displacement	Power	Speed	Fueling	Torque	Speed	Fueling	ECS Num	GHG	Notes
DAILA CEVIZILU  LA 4.038 16.09 200 61.4 699 1500 53.9 1 N/A  DAILA CEVIZION  LA 4.038 120.6 2200 45.4 500 1600 39.5 1 N/A  DAILA CEVIZION  LA 4.038 146.8 2100 55.9 63 1500 47.9 1 N/A  DAILA CEVIZION  LA 4.038 147.2 2100 55.9 63 1500 47.9 1 N/A  DAILA CEVIZION  LA 4.038 133.9 2200 43.9 500 1600 39.5 1 N/A  DAILA CEVIZION  LA 4.038 133.9 2200 43.5 500 1600 39.5 1 N/A  DAILA CEVIZION  LA 4.038 120.6 2200 46.5 500 1600 39.5 1 N/A  DAILA CEVIZION  LA 4.038 120.6 2200 46.5 500 1600 39.5 1 N/A  DAILA CEVIZION  LA 4.038 120.6 2200 46.5 500 1600 39.5 1 N/A  DAILA CEVIZION  LA 4.038 120.6 2200 46.5 500 1600 39.5 1 N/A  DAILA CEVIZION  LA 4.038 120.6 2200 46.5 500 1600 39.5 1 N/A  DAILA CEVIZION  LA 4.038 120.6 2200 46.5 500 1600 39.5 1 N/A  DAILA CEVIZION  LA 4.038 107.2 2200 46.2 530 1600 42.1 1 N/A  DAILA CEVIZION  LA 4.038 107.2 2200 46.2 530 1600 42.1 1 N/A  DAILA CEVIZION  LA 4.038 107.2 2200 43.7 440 1600 35.5 1 N/A  DAILA CEVIZION  LA 4.038 160.9 2100 61.4 699 1500 53.5 1 N/A  DAILA CEVIZION  LA 4.038 131.4 2100 51.6 64 1500 45.3 1 N/A  DAILA CEVIZION  LA 4.038 131.4 2100 51.6 64 1500 45.3 1 N/A  DAILA CEVIZION  LA 4.038 173.3 1200 47.1 530 1600 42.1 1 N/A  DAILA CEVIZION  LA 4.038 177.3 2200 41.3 40 1600 35.5 1 N/A  DAILA CEVIZION  LA 4.038 177.3 2200 41.3 40 1600 35.5 1 N/A  DAILA CEVIZION  LA 4.038 177.3 2200 41.3 40 1600 35.5 1 N/A  DAILA CEVIZION  LA 4.038 177.3 2200 41.3 60 1600 35.5 1 N/A  DAILA CEVIZION  LA 4.038 160.2 2200 55.1 609 1600 48.7 1 N/A  DAILA CEVIZION  LA 4.038 160.2 2200 55.1 609 1600 48.7 1 N/A  DAILA CEVIZION  LA 4.038 160.2 2200 55.5 609 1600 48.7 1 N/A  DAILA CEVIZION  LA 4.038 164.2 2200 55.5 609 1600 48.7 1 N/A  DAILA CEVIZION  LA 4.038 164.2 2200 55.5 609 1600 48.7 1 N/A  DAILA CEVIZION  LA 4.038 164.8 2200 55.5 609 1600 48.7 1 N/A  DAILA CEVIZION  LA 4.038 164.8 2200 55.5 609 1600 48.7 1 N/A  DAILA CEVIZION  LA 4.038 164.8 2200 55.5 609 1600 43.7 1 N/A  DAILA CEVIZION  LA 4.038 164.8 2200 55.5 609 1600 43.7 1 N/A  DAILA CEVIZION  LA 4.038 164.8 2200 55.5 609 1600 43.7 1 N/A  DAILA CEV	-	-	-	-	L	hp	rpm	lb/hr	N-m	rpm	lb/hr	-	-	-
DALIM CFV190A		CFVI115A		L4	4.038	154.2	2300	59.4	609	1600	48.7	1	N/A	
DAILIA CFYTIBU LA 4,038 146.8 2100 55.9 663 1500 50.5 1 N/A DAILIA CFYTIBU LA 4,038 147.2 2100 55.9 633 1500 47.9 1 N/A DAILIA CFYBSL LA 4,038 113.9 2200 43.9 500 1600 39.5 1 N/A DAILIA CFYBSC LA 4,038 113.9 2200 45.5 500 1600 39.5 1 N/A DAILIA CFYBSC LA 4,038 120.6 2300 46.5 500 1600 39.5 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 46.5 500 1600 39.5 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 46.2 530 1600 43.2 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 46.2 530 1600 43.2 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 46.2 530 1600 43.2 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 46.2 530 1600 43.2 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 46.2 530 1600 45.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 46.2 530 1600 45.3 1 N/A DAILIA CFYBSU LA 4,038 160.9 2100 61.4 699 1500 35.5 1 N/A DAILIA CFYBSU LA 4,038 151.4 2100 50.1 601 1500 45.3 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 47.1 530 1600 42.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 47.1 530 1600 42.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2000 47.1 530 1600 42.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 48.1 530 1600 47.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 48.1 530 1600 47.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 48.1 530 1600 47.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 48.1 530 1600 47.1 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 58.1 699 1500 34.6 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 58.1 699 1500 34.6 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 58.1 699 1500 34.6 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 58.1 699 1500 48.7 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 58.1 699 1500 48.7 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 58.1 699 1500 48.7 1 N/A DAILIA CFYBSC LA 4,038 177.3 2200 58.1 699 1500 48.7 1 N/A DAILIA CFYBSC LA 4,038 178.2 2200 58.1 699 1500 48.7 1 N/A DAILIA CFYBSC LA 4,038 178.2 2200 58.1 699 1500 48.7 1 N/A DAILIA CFYBSC LA 4,038 178.2 2200 58.1		CFVT121U		L4	4.038	160.9	2100	61.4	699	1500	53.9	1	N/A	
DAILL CFYID9U L4 4.038 147.2 2100 55.9 639 1500 47.9 1 N/A DAILLY CFYIBSL L4 4.038 113.9 2200 43.9 500 1600 39.5 1 N/A DAILLY CFYIBSL L4 4.038 112.6 2300 45.5 500 1600 39.5 1 N/A DAILLY CFYIDSD L4 4.038 110.8 2100 52.7 550 1600 43.2 1 N/A DAILLY CFYIBSC L4 4.038 107.2 2300 42.1 500 42.1 1 N/A DAILLY CFYIBSD L4 4.038 107.2 2300 42.4 440 1600 35.5 1 N/A DAILLY CFYIBSD L4 4.038 107.2 2300 43.7 440 1600 35.5 1 N/A DAILLY CFYIBSD L4 4.038 107.2 2400 51.4 699 1500 35.5 1 N/A DAILLY CFYIBSD L4 4.038 113.9 2100 51.1 604 1500 35.5 1 N/A DAILLY CFYIBSD L4 4.038 113.4 2100 50.1 604 1500 35.5 1 N/A DAILLY CFYIBSD L4 4.038 131.4 2100 50.1 604 1500 35.5 1 N/A DAILLY CFYIBSD L4 4.038 131.4 2100 50.1 604 1500 35.5 1 N/A DAILLY CFYIBSD L4 4.038 127.3 2200 47.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 47.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 48.1 530 1600 42.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 48.1 530 1600 47.1 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 58.1 699 1500 35.5 1 N/A DAILLY CFYIBSD L4 4.038 177.3 2200 58.1 699 1500 48.7 1 N/A DAILLY CFYIBSD L4 4.038 154.2 2200 58.1 609 1600 48.7 1 N/A DAILLY CFYIBSD L4 4.038 154.2 2200 58.1 609 1600 48.7 1 N/A DAILLY CFYIBSD L4 4.038 154.2 2200 58.1 609 1600 48.7 1 N/A DAILLY CFYIBSD L4 4.038 154.2 200 55.5 609 1600 48.7 1 N/A DAILLY CFYIBSD L4 4.038 154.2 200 55.5 609 1600 48.7 1 N/A DAILLY CFYIBSD L4 4.038 140.8 2300 55.5 609 1600 48.7 1 N/A DAILLY CFYIBSD L4 4.038 140.8 2300 55.5 609 1600 43.2 1 N/A DAILLY CFYIBSD L4 4.038 140.8 2300 55.5 609 1600 43.2 1 N/A DAILLY CFYIBSD L4 4.038 140.8 2300 55.5 609 1600 43.2 1 N/A DAILLY CFYIBSD		CFVI90A		L4	4.038	120.6	2200	45.4	500	1600	39.5	1	N/A	
Dalid Crysol L4 4,038 1139 2200 439 500 1600 39.5 1 N/A Dalid Crysol L4 4,038 120.6 2300 46.5 500 1600 39.5 1 N/A Dalid Crysol L4 4,038 120.6 2300 46.5 500 1600 39.5 1 N/A Dalid Crysol L4 4,038 120.6 2300 46.5 500 1600 43.2 1 N/A Dalid Crysol L4 4,038 127.3 2000 46.2 530 1600 42.1 1 N/A Dalid Crysol L4 4,038 127.3 2000 46.2 530 1600 35.5 1 N/A Dalid Crysol L4 4,038 127.2 2300 46.2 530 1600 35.5 1 N/A Dalid Crysol L4 4,038 160.9 2100 61.4 699 1500 53.5 1 N/A Dalid Crysol L4 4,038 160.9 2100 61.4 699 1500 54.3 1 N/A Dalid Crysol L4 4,038 160.9 2100 61.4 699 1500 54.3 1 N/A Dalid Crysol L4 4,038 127.3 2000 55.9 663 1500 50.5 1 N/A Dalid Crysol L4 4,038 127.3 2200 55.9 663 1500 50.5 1 N/A Dalid Crysol L4 4,038 127.3 2200 39.1 40 1600 35.5 1 N/A Dalid Crysol L4 4,038 127.3 2200 39.1 40 1600 35.5 1 N/A Dalid Crysol L4 4,038 127.3 2200 45.1 500 45.3 1500 42.1 1 N/A Dalid Crysol L4 4,038 127.3 2200 45.1 500 55.9 1600 42.1 1 N/A Dalid Crysol L4 4,038 127.3 2200 45.1 500 55.9 1600 42.1 1 N/A Dalid Crysol L4 4,038 127.3 2200 45.1 500 45.3 1500 55.5 1 N/A Dalid Crysol L4 4,038 127.3 2200 45.1 500 45.1 500 42.1 1 N/A Dalid Crysol L4 4,038 127.3 2200 45.1 500 45.1 500 45.1 1 N/A Dalid Crysol L4 4,038 127.3 2200 45.1 500 45.1 500 45.1 1 N/A Dalid Crysol L4 4,038 127.3 2200 45.1 500 45.1 500 45.1 1 N/A Dalid Crysol L4 4,038 127.3 2200 45.1 500 45.1 500 45.1 1 N/A Dalid Crysol L4 4,038 127.3 2200 55.1 500 45.1 500 45.1 1 N/A Dalid Crysol L4 4,038 127.3 2200 55.1 500 45.1 500 45.3 1 N/A Dalid Crysol L4 4,038 127.2 2200 55.1 500 45.1 500 45.3 1 N/A Dalid Crysol L4 4,038 127.2 2200 55.1 600 45.1 500 45.3 1 N/A Dalid Crysol L4 4,038 124.2 200 55.1 600 45.1 500 45.3 1 N/A Dalid Crysol L4 4,038 124.2 200 55.1 600 45.3 1 N/A Dalid Crysol L4 4,038 146.8 200 55.1 600 45.3 1 N/A Dalid Crysol L4 4,038 146.8 200 55.5 609 1600 48.7 1 N/A Dalid Crysol L4 4,038 146.8 200 55.5 609 1600 48.7 1 N/A Dalid Crysol L4 4,038 140.8 200 55.5 609 1600 48.7 1 N/A Dalid Crysol L4 4,038 140.8 200 55.5 609 1600 43.2 1 N/A Dalid Crysol L4 4,038 140.8 200 55.		CFVT111U		L4	4.038	146.8	2100	55.9	663	1500	50.5	1	N/A	
DAILIA CFVIDO		CFVT109U		L4	4.038	147.2	2100	55.9	639	1500	47.9	1	N/A	
DAILLA CFVISC		CFVI85L		L4	4.038	113.9	2200	43.9	500	1600	39.5	1	N/A	
D 4.1 L4 CFVI9SC L4 4.038 127.3 2000 46.2 530 1600 42.1 1 N/A D 4.1 L4 CFVI8OA L4 4.038 107.2 2300 42.4 440 1600 35.5 1 N/A D 4.1 L4 CFVI8OS L4 4.038 107.2 2400 43.7 440 1600 35.5 1 N/A D 4.1 L4 CFVI8OS L4 4.038 107.2 2400 43.7 440 1600 35.5 1 N/A D 4.1 L4 CFVI10U L4 4.038 160.9 2100 61.4 699 1500 54.3 1 N/A D 4.1 L4 CFVI9SUB L4 4.038 131.4 2100 55.9 663 1500 50.5 1 N/A D 4.1 L4 CFVI9SUB L4 4.038 131.4 2100 55.9 663 1500 50.5 1 N/A D 4.1 L4 CFVI9SUB L4 4.038 131.4 2100 55.9 663 1500 50.5 1 N/A D 4.1 L4 CFVI9SUB L4 4.038 127.3 2100 47.1 530 1600 42.1 1 N/A D 4.1 L4 CFVI9SUB L4 4.038 127.3 2200 48.1 530 1600 42.1 1 N/A D 4.1 L4 CFVI9SUB L4 4.038 127.3 2200 48.1 530 1600 42.1 1 N/A D 4.1 L4 CFVISOB L4 4.038 127.3 2200 48.1 530 1600 42.1 1 N/A D 4.1 L4 CFVISOB L4 4.038 107.2 2200 48.1 530 1600 42.1 1 N/A D 4.1 L4 CFVISOB L4 4.038 107.2 2200 48.1 530 1600 35.5 1 N/A D 4.1 L4 CFVISOB L4 4.038 107.2 2200 48.1 530 1600 35.5 1 N/A D 4.1 L4 CFVISOB L4 4.038 107.2 2200 48.1 530 1600 35.5 1 N/A D 4.1 L4 CFVISOB L4 4.038 107.2 2200 48.1 699 1500 35.9 1 N/A D 4.1 L4 CFVISOB L4 4.038 107.2 2200 46.1 699 1500 35.5 1 N/A D 4.1 L4 CFVISOB L4 4.038 107.2 2200 58.1 609 1600 48.7 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.1 604 564 1500 48.7 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.1 604 1500 48.7 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 609 1600 48.7 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 609 1600 48.7 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 609 1600 48.7 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 663 1500 43.2 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 663 1500 43.2 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 50.5 609 1600 48.7 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 663 1500 43.2 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 663 1500 43.2 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 609 1600 43.2 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 609 1600 43.2 1 N/A D 4.1 L4 CFVISOB L4 4.038 131.4 2100 50.5 609 1600 43.2 1 N/A D 4.1 L4 CFVISOB L4 4.038 130.8 2300 55.5 609 1		CFVI90		L4	4.038	120.6	2300	46.5	500	1600	39.5	1	N/A	
D 4.1.14 CFV180A		CFVI105D		L4	4.038	140.8	2100	52.7	550	1600	43.2	1	N/A	
D 4.1 L4 CFV18DS		CFVI95C		L4	4.038	127.3	2000	46.2	530	1600	42.1	1	N/A	
D 4.1 L4 CFVT120U		CFVI80A		L4	4.038	107.2	2300	42.4	440	1600	35.5	1	N/A	
D 4.1 L4		CFVI80S		L4	4.038	107.2	2400	43.7	440	1600	35.5	1	N/A	
D 4.1 L4 CFV110U		CFVT120U		L4	4.038	160.9	2100	61.4	699	1500	54.3	1	N/A	
D 4.1 L4 CFV195B		CFVT98UB		L4	4.038	131.4	2100	50.1	604	1500	45.3	1	N/A	
D 4.1 L4 CFV180D		CFVT110U		L4	4.038	146.8	2100	55.9	663	1500	50.5	1	N/A	
D 4.1 L4 CFV195A		CFVI95B		L4	4.038	127.3	2100	47.1	530	1600	42.1	1	N/A	
D 4.1 L4 CFVI80B		CFVI80D		L4	4.038	107.2	2000	39.1	440	1600	35.5	1	N/A	
D 4.1 L4		CFVI95A		L4	4.038	127.3	2200	48.1	530	1600	42.1	1	N/A	
D 4.1 L4		CFVI80B		L4	4.038	107.2	2200	41.3	440	1600	35.5	1	N/A	
D 4.1 L4		CFVT89U		L4	4.038	120	2100	46.1	522	1500	34.6	1		
D 4.1 L4		CFVT119U		L4	4.038	160.9	2100	61.4	699	1500	53.9	1	N/A	
D 4.1 L4		CFVI80C		L4	4.038	107.2	2100	40.1	440	1600	35.5	1		
D 4.1 L4				L4	4.038	122	2100	46.4	564	1500	41.9	1		
D 4.1 L4		CFVI115B		L4	4.038	154.2	2200	58.1	609	1600	48.7	1	N/A	
D 4.1 L4														
D 4.1 L4		CFVI115C		L4	4.038	154.2	2100	57.3	609	1600	48.7	1		
D 4.1 L4		CFVI115D		L4	4.038	154.2						1		
D 4.1 L4														
D 4.1 L4													· ·	
D 4.1 L4       CFVI105B       L4       4.038       140.8       2200       53.2       550       1600       43.2       1       N/A         D 4.1 L4       CFVI105C       L4       4.038       140.8       2000       51.1       550       1600       43.2       1       N/A         D 4.1 L4       C5VI105D       L4       4.038       140.8       2100       52.7       550       1600       43.2       1       N/A         D 4.1 L4       C5VI15D       L4       4.038       154.2       2000       55.5       609       1600       48.7       1       N/A         D 4.1 L4       C5VI85L       L4       4.038       113.9       2200       43.9       500       1600       39.5       1       N/A         D 4.1 L4       C5VI105A       L4       4.038       140.8       2300       54.6       550       1600       43.2       1       N/A         D 4.1 L4       C5VI80B       L4       4.038       107.2       2200       41.3       440       1600       35.5       1       N/A														
D 4.1 L4       CFVI105C       L4       4.038       140.8       2000       51.1       550       1600       43.2       1       N/A         D 4.1 L4       C5VI105D       L4       4.038       140.8       2100       52.7       550       1600       43.2       1       N/A         D 4.1 L4       C5VI15D       L4       4.038       154.2       2000       55.5       609       1600       48.7       1       N/A         D 4.1 L4       C5VI8SL       L4       4.038       113.9       2200       43.9       500       1600       39.5       1       N/A         D 4.1 L4       C5VI105A       L4       4.038       140.8       2300       54.6       550       1600       43.2       1       N/A         D 4.1 L4       C5VI80B       L4       4.038       107.2       2200       41.3       440       1600       35.5       1       N/A													· ·	
D 4.1 L4       C5VI105D       L4       4.038       140.8       2100       52.7       550       1600       43.2       1       N/A         D 4.1 L4       C5VI115D       L4       4.038       154.2       2000       55.5       609       1600       48.7       1       N/A         D 4.1 L4       C5VI85L       L4       4.038       113.9       2200       43.9       500       1600       39.5       1       N/A         D 4.1 L4       C5VI105A       L4       4.038       140.8       2300       54.6       550       1600       43.2       1       N/A         D 4.1 L4       C5VI80B       L4       4.038       107.2       2200       41.3       440       1600       35.5       1       N/A														
D 4.1 L4       C5VI15D       L4       4.038       154.2       2000       55.5       609       1600       48.7       1       N/A         D 4.1 L4       C5VI85L       L4       4.038       113.9       2200       43.9       500       1600       39.5       1       N/A         D 4.1 L4       C5VI105A       L4       4.038       140.8       2300       54.6       550       1600       43.2       1       N/A         D 4.1 L4       C5VI80B       L4       4.038       107.2       2200       41.3       440       1600       35.5       1       N/A														
D 4.1 L4 C5VI85L L4 4.038 113.9 2200 43.9 500 1600 39.5 1 N/A D 4.1 L4 C5VI105A L4 4.038 140.8 2300 54.6 550 1600 43.2 1 N/A D 4.1 L4 C5VI80B L4 4.038 107.2 2200 41.3 440 1600 35.5 1 N/A														
D 4.1 L4 C5VI105A L4 4.038 140.8 2300 54.6 550 1600 43.2 1 N/A D 4.1 L4 C5VI80B L4 4.038 107.2 2200 41.3 440 1600 35.5 1 N/A														
D 4.1 L4 C5VI8OB L4 4.038 107.2 2200 41.3 440 1600 35.5 1 N/A														
·														
D 4.1 L4 C5VI105B L4 4.038 140.8 2200 53.2 550 1600 43.2 1 N/A													· ·	
D 4.1 L4 C5VI95A L4 4.038 127.3 2200 48.1 530 1600 42.1 1 N/A														
D 4.1 L4 C5VI95B L4 4.038 127.3 2100 47.1 530 1600 42.1 1 N/A													· ·	
D 4.1 L4 C5V180C L4 4.038 107.2 2100 40.1 440 1600 35.5 1 N/A														
D 4.1 L4 4.038 107.2 2100 40.1 440 1000 33.5 1 N/A														

## ATTACHMENT: ENGINE MODELS

Family: SDZXL04.1056 EO Number: U-R-013-0763 Date Applicable: 9/30/2024

Model					Peak Power			Peak Torque			ECS Num	GHG	
	Code	Trim	Config	Displacement	Power	Speed	Fueling	Torque	Speed	Fueling			Notes
-	-	-	-	L	hp	rpm	lb/hr	N-m	rpm	lb/hr	-	-	-
TCD 4.1 L4	C5VI90A		L4	4.038	120.6	2200	45.4	500	1600	39.5	1	N/A	
TCD 4.1 L4	C5VI80S		L4	4.038	107.2	2400	43.7	440	1600	35.5	1	N/A	
TCD 4.1 L4	C5VI115A		L4	4.038	154.2	2300	59.4	609	1600	48.7	1	N/A	
TCD 4.1 L4	C5VI80A		L4	4.038	107.2	2300	42.4	440	1600	35.5	1	N/A	
TCD 4.1 L4	CFVT91UB		L4	4.038	122	2100	46.4	564	1500	41.9	1	N/A	
TCD 4.1 L4	C5VI80D		L4	4.038	107.2	2000	39.1	440	1600	35.5	1	N/A	
TCD 4.1 L4	C5VI115C		L4	4.038	154.2	2100	57.3	609	1600	48.7	1	N/A	
TCD 4.1 L4	C5VI115B		L4	4.038	154.2	2200	58.1	609	1600	48.7	1	N/A	
TCD 4.1 L4	C5VI105C		L4	4.038	140.8	2000	51.1	550	1600	43.2	1	N/A	