

Pursuant to the authority vested in California Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 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 engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	ENGINE SIZES (L)	FUEL TYPE ¹	STANDARDS & TEST PROCEDURE	INTENDED SERVICE CLASS ²	ECS & SPECIAL FEATURES ³	DIAGNOSTIC ⁶
2022	NNVXH07570SA	12.4	Diesel	Diesel	HHDD	DDI, TC, CAC, ECM, EGR, DOC, PTOX, SCR-U, AMOX	OBD (P)
PRIMARY ENGINE'S IDLE EMISSIONS CONTROL ⁵		ADDITIONAL IDLE EMISSIONS CONTROL ⁵					
30g							
ENGINE (L)	ENGINE MODELS / CODES (rated power, in hp)						
12.4	See attachment for engine models and ratings						
[*] =not applicable; GVWR =gross vehicle weight rating; 13 CCR xyz =Title 13, California Code of Regulations, Section xyz; 40 CFR 86.abc =Title 40, Code of Federal Regulations, Section 86.abc; L =liter; hp =horsepower; kw =kilowatt; hr =hour; ¹ CNG/LNG =compressed/liquefied natural gas; LPG =liquefied petroleum gas; E85 =85% ethanol fuel; MF =multi fuel a.k.a. BF =bi fuel; DF =dual fuel; FF =flexible fuel; ² L/M/H HDD =light/medium/heavy heavy-duty diesel; UB =urban bus; HDO =heavy duty Otto; ³ ECS =emission control system; TWC/OX =three-way/oxidizing catalyst; NAC =NOx adsorption catalyst; SCR-U / SCR-N =selective catalytic reduction – urea / – ammonia; WU (prefix) =warm-up catalyst; DPF =diesel particulate filter; PTOX =periodic trap oxidizer; HO2S/O2S =heated/oxygen sensor; HAFS/AFS =heated/air-fuel-ratio sensor (a.k.a., universal or linear oxygen sensor); TBI =throttle body fuel injection; SFI/MFI =sequential/multi port fuel injection; DGI =direct gasoline injection; GCARB =gaseous carburetor; IDI/DDI =indirect/direct diesel injection; TC/SC =turbo/super charger; CAC =charge air cooler; EGR / EGR-C =exhaust gas recirculation / cooled EGR; PAIR/AIR =pulsed/secondary air injection; SPL =smoke puff limiter; ECM/PCM =engine/powertrain control module; EM =engine modification; 2 (prefix) =parallel; (2) (suffix) =in series; ⁵ ESS =engine shutdown system (per 13 CCR 1956.8(a)(6)(A)(1)); 30g =30 g/hr NOx (per 13 CCR 1956.8(a)(6)(C)); APS =internal combustion auxiliary power system; ALT =alternative method (per 13 CCR 1956.8(a)(6)(D)); Exempt =exempted per 13 CCR 1956.8(a)(6)(B) or for CNG/LNG fuel systems; N/A =not applicable (e.g., Otto engines and vehicles); ⁶ EMD =engine manufacturer diagnostic system (13 CCR 1971); OBD(F) / (P) / (\$) =full / partial / partial with a fine / on-board diagnostic;							

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8; 2) the SET and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. “Diesel” CO, SET and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.8 are in parentheses.). ⁴

in g/bhp-hr	NMHC		NOx		NMHC+NOx		CO		PM		HCHO	
	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET
STD	0.14	0.14	0.20	0.20	*	*	15.5	15.5	0.01	0.01	*	*
CERT	0.05	0.03	0.19	0.13	*	*	0.05	0.02	0.003	0.001	*	*
NTE	0.21		0.30		*		19.4		0.02		*	

⁴ **g/bhp-hr**=grams per brake horsepower-hour; **FTP**=Federal Test Procedure; **SET**=Supplemental emissions testing; **NTE**=Not-to-Exceed; **STD**=standard or emission test cap; **FEL**=family emission limit; **CERT**=certification level; **NMHC/HC**=non-methane/hydrocarbon; **NOx**=oxides of nitrogen; **CO**=carbon monoxide; **PM**=particulate matter; **HCHO**=formaldehyde;

BE IT FURTHER RESOLVED: The manufacturer has demonstrated compliance with the Greenhouse Gas Emission Standards as specified in Title 13 CCR 1956.8 and the incorporated “California Exhaust Emission Standards and Test Procedures for 2004 and Subsequent Model Heavy Duty Diesel-Engines and Vehicles” (HDDE Test Procedures) adopted December 12, 2002, as last amended April 18, 2019.

PRIMARY INTENDED SERVICE CLASS: TRACTOR / VOCATIONAL				
In g/bhp-hr	CO ₂		CH ₄	N ₂ O
	FTP	SET		
STD	513	447	0.10	0.10
FCL	506	442	*	*
FEL	521	455	0.10	0.10
CERT	482	423	0.02	0.08

⁴ **g/bhp-hr**=grams per brake horsepower-hour; **FTP**=Federal Test Procedure; **SET**=Supplemental emissions testing; **STD** = standard or emission test cap; **FEL**=family emission limit; **FCL**=family certification level; **CERT**=certification level; **CO₂**=carbon dioxide; **CH₄**=methane; **N₂O**=nitrous oxide; **VOCATIONAL**=vocational engine; **TRACTOR**=tractor engine

BE IT FURTHER RESOLVED: Certification to the FEL(s) / FCL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) / FCL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1971.1 (on-board diagnostic, full or partial compliance) and 13 CCR 2035 et seq. (emission control warranty).

BE IT FURTHER RESOLVED: That the manufacturer has elected to include engine models in this engine family which are identified for "emergency vehicle use only". These "emergency vehicle use only" engines are exempt from requirements imposed pursuant to California law and the regulations adopted pursuant thereto for motor vehicle pollution control devices per California Vehicle Code Section 27156.2. The manufacturer must clearly label these engines for "emergency vehicle use only" on the engines' emission control label.

BE IT FURTHER RESOLVED: Except in vehicle applications exempted per 13 CCR 1956.8(a)(6)(B), engines in this engine family certified under 13 CCR 1956.8(a)(6)(C) [30 g/hr NO_x] and section 35.B.4 of the incorporated "California Exhaust Emissions Standards and Test Procedures for 2004 and Subsequent Model Heavy-Duty Diesel Engines and Vehicles" (HDDE Test Procedures) adopted December 12, 2002, as last amended April 18, 2019, shall be provided with an approved "Certified Clean Idle" label that shall be affixed to the vehicle into which the engine is installed.

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

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

Executed on this 14th day of January 2022.



Allen Lyons, Chief
Emissions Certification and Compliance Division

Attachment: Engine Models

EO #: A-004-0552Family: NNVXH075705AAttachment Last Revised: 12/21/2021

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	Peak Torque - Fuel Units	OBD	GHG	Special	Notes
A450H	G7501	NA	I6	757	Cubic Inches	450	horsepower	1700	246	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450H	G7502	NA	I6	757	Cubic Inches	450	horsepower	1700	246	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A400L	G7503	NA	I6	757	Cubic Inches	400	horsepower	1700	220	mm3/stroke	1750	lb-ft	900	313	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A410	G7504	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A410	G7505	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A440L	G7506	NA	I6	757	Cubic Inches	400	horsepower	1700	220	mm3/stroke	1750	lb-ft	900	313	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A430	G7509	NA	I6	757	Cubic Inches	430	horsepower	1700	235	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A430	G7510	NA	I6	757	Cubic Inches	430	horsepower	1700	235	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A400H	G7511	NA	I6	757	Cubic Inches	400	horsepower	1700	220	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450L	G7512	NA	I6	757	Cubic Inches	450	horsepower	1700	246	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450L	G7513	NA	I6	757	Cubic Inches	450	horsepower	1700	246	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A400H	G7514	NA	I6	757	Cubic Inches	400	horsepower	1700	220	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A365	G7519	NA	I6	757	Cubic Inches	365	horsepower	1700	150	mm3/stroke	1250	lb-ft	900	169	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A365	G7520	NA	I6	757	Cubic Inches	365	horsepower	1700	150	mm3/stroke	1250	lb-ft	900	169	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A365	G7521	NA	I6	757	Cubic Inches	365	horsepower	1700	150	mm3/stroke	1250	lb-ft	900	169	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None

A365	G7522	NA	I6	757	Cubic Inches	365	horsepower	1700	150	mm3/stroke	1250	lb-ft	900	169	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A365	G7523	NA	I6	757	Cubic Inches	365	horsepower	1700	150	mm3/stroke	1250	lb-ft	900	169	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A370	G7524	NA	I6	757	Cubic Inches	370	horsepower	1700	200	mm3/stroke	1350	lb-ft	900	240	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A370	G7525	NA	I6	757	Cubic Inches	370	horsepower	1700	200	mm3/stroke	1350	lb-ft	900	240	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A370	G7526	NA	I6	757	Cubic Inches	370	horsepower	1700	200	mm3/stroke	1350	lb-ft	900	240	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A370	G7527	NA	I6	757	Cubic Inches	370	horsepower	1700	200	mm3/stroke	1350	lb-ft	900	240	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A370	G7528	NA	I6	757	Cubic Inches	370	horsepower	1700	200	mm3/stroke	1350	lb-ft	900	240	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A390	G7529	NA	I6	757	Cubic Inches	390	horsepower	1700	216	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A390	G7530	NA	I6	757	Cubic Inches	390	horsepower	1700	216	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A390	G7531	NA	I6	757	Cubic Inches	390	horsepower	1700	216	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A390	G7532	NA	I6	757	Cubic Inches	390	horsepower	1700	216	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A390	G7533	NA	I6	757	Cubic Inches	390	horsepower	1700	216	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A410	G7534	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A410	G7535	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A410	G7536	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A410	G7537	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating

A410	G7538	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A430	G7539	NA	I6	757	Cubic Inches	430	horsepower	1800	239	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A430	G7540	NA	I6	757	Cubic Inches	430	horsepower	1800	239	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A430	G7541	NA	I6	757	Cubic Inches	430	horsepower	1800	239	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A430	G7542	NA	I6	757	Cubic Inches	430	horsepower	1800	239	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A430	G7543	NA	I6	757	Cubic Inches	430	horsepower	1800	239	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A475	G7544	NA	I6	757	Cubic Inches	475	horsepower	1800	270	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A475	G7545	NA	I6	757	Cubic Inches	475	horsepower	1800	270	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A475	G7546	NA	I6	757	Cubic Inches	475	horsepower	1800	270	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A475	G7547	NA	I6	757	Cubic Inches	475	horsepower	1800	270	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A475	G7548	NA	I6	757	Cubic Inches	475	horsepower	1800	270	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A450L	G7549	NA	I6	757	Cubic Inches	450	horsepower	1800	254	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450L	G7550	NA	I6	757	Cubic Inches	450	horsepower	1800	254	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450L	G7551	NA	I6	757	Cubic Inches	450	horsepower	1800	254	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450L	G7552	NA	I6	757	Cubic Inches	450	horsepower	1800	254	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A450L	G7553	NA	I6	757	Cubic Inches	450	horsepower	1800	254	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating

A475	G7554	NA	I6	757	Cubic Inches	475	horsepower	1700	262	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A475	G7555	NA	I6	757	Cubic Inches	475	horsepower	1700	262	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A400L	G7556	NA	I6	757	Cubic Inches	400	horsepower	1700	220	mm3/stroke	1750	lb-ft	900	313	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A400H	G7558	NA	I6	757	Cubic Inches	400	horsepower	1700	220	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A410	G7559	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A430	G7561	NA	I6	757	Cubic Inches	430	horsepower	1700	235	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450L	G7562	NA	I6	757	Cubic Inches	450	horsepower	1700	246	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450H	G7564	NA	I6	757	Cubic Inches	450	horsepower	1700	246	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A475	G7565	NA	I6	757	Cubic Inches	475	horsepower	1700	262	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A515	G7566	NA	I6	757	Cubic Inches	515	horsepower	1800	285	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A515	G7567	NA	I6	757	Cubic Inches	515	horsepower	1800	285	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A515	G7568	NA	I6	757	Cubic Inches	515	horsepower	1800	285	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A515	G7569	NA	I6	757	Cubic Inches	515	horsepower	1800	285	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A515	G7570	NA	I6	757	Cubic Inches	515	horsepower	1800	285	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	Emergency Rating
A515	G7571	NA	I6	757	Cubic Inches	515	horsepower	1700	300	mm3/stroke	1850	lb-ft	900	349	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A515	G7572	NA	I6	757	Cubic Inches	515	horsepower	1700	300	mm3/stroke	1850	lb-ft	900	349	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None

A365	G7573	NA	I6	757	Cubic Inches	365	horsepower	1700	150	mm3/stroke	1250	lb-ft	900	169	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A370	G7574	NA	I6	757	Cubic Inches	370	horsepower	1700	200	mm3/stroke	1350	lb-ft	900	240	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A390	G7575	NA	I6	757	Cubic Inches	390	horsepower	1700	216	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A410	G7576	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A410	G7577	NA	I6	757	Cubic Inches	410	horsepower	1700	223	mm3/stroke	1450	lb-ft	900	262	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A430	G7578	NA	I6	757	Cubic Inches	430	horsepower	1800	239	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A430	G7579	NA	I6	757	Cubic Inches	430	horsepower	1800	239	mm3/stroke	1550	lb-ft	900	276	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450L	G7580	NA	I6	757	Cubic Inches	450	horsepower	1800	254	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A450L	G7581	NA	I6	757	Cubic Inches	450	horsepower	1800	254	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A475	G7582	NA	I6	757	Cubic Inches	475	horsepower	1800	270	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A475	G7583	NA	I6	757	Cubic Inches	475	horsepower	1800	270	mm3/stroke	1700	lb-ft	900	305	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A515	G7584	NA	I6	757	Cubic Inches	515	horsepower	1700	300	mm3/stroke	1850	lb-ft	900	349	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A515	G7585	NA	I6	757	Cubic Inches	515	horsepower	1800	285	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A515	G7586	NA	I6	757	Cubic Inches	515	horsepower	1800	285	mm3/stroke	1850	lb-ft	900	327	mm3/stroke	Full	Vocational	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None
A515	G7587	NA	I6	757	Cubic Inches	515	horsepower	1700	300	mm3/stroke	1850	lb-ft	900	349	mm3/stroke	Full	Tractor	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	None