

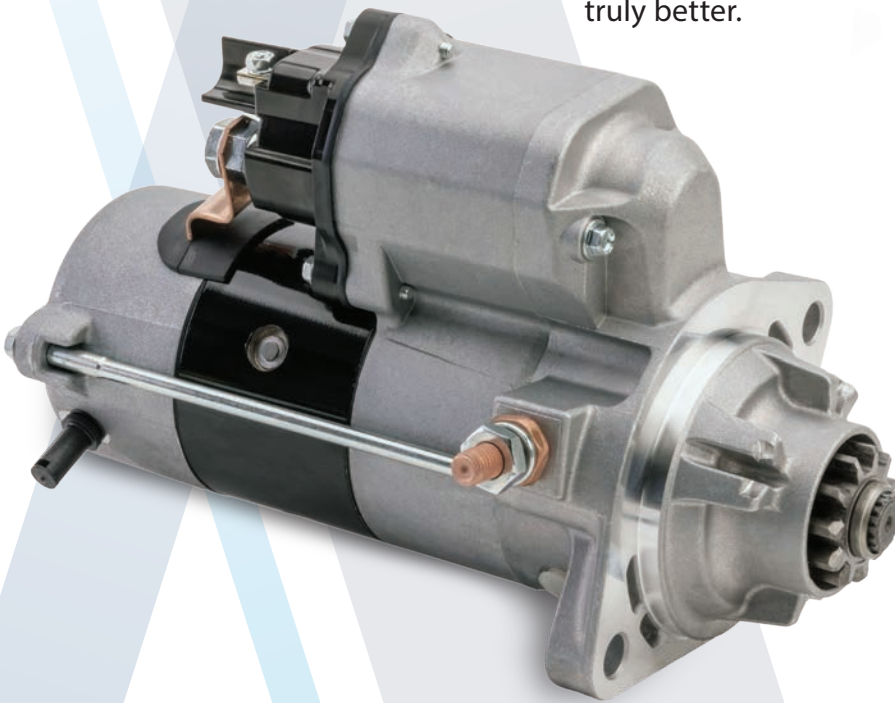
**DENSO**

HEAVY DUTY STARTERS & ALTERNATORS

/ Diesel Engine Applications

Fleet Starters and Alternators

DENSO has been building the parts that keep the most powerful commercial trucks and equipment operating both on the highway and off. We know that every hour a truck or piece of equipment spends out of commission costs money. That's why everything we make is built with the highest precision and craftsmanship to exact OE standards. The DENSO commitment to quality, durability, performance and innovation is the reason our components are truly better.



Premium SC Alternators

Make	Model / Engine	170 Amp PN	185 Amp PN	205 Amp PN	220 Amp PN	Application Information
Cummins	ISB, ISC, ISL, ISL-G, ISX-G	211-9210	211-9211	211-9212	211-9213	Pad Mount Only
Detroit Diesel	DD13, 15, 16, 60	211-9210	211-9211	211-9212	211-9213	Pad Mount Only
Mercedes Benz	MBE 4000	211-9200	211-9201	211-9202	211-9203	Pad Mount Only
International	MaxxForce 7, 9, 10, DT	211-9210	211-9211	211-9212	211-9213	Pad Mount Only
International	MaxxForce 11, 13	211-9200	211-9201	211-9202	211-9203	Pad Mount Only

Built to Exceed



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Diesel Engine Applications

HEAVY DUTY STARTERS & ALTERNATORS

Fleet Starters and Alternators

Make	Model / Engine	Part Number	Output	Application Info.	Make	Model / Engine	Part Number	Output	Application Info.
Blue Bird	Cummins ISB, 5.9L	228000-7301	12V 2.7kW	Dry Clutch & Ground Stud	Freightliner Custom Chassis	Cummins ISB, 6.7L	428000-5230	12V 3.0kW	
	Cummins ISB 07, 6.7L	428000-5120	12V 3.0kW			Cummins ISB 5.9L	AS228000-3811	12V 2.7kW	
	Cummins ISC, ISL	428000-7870	12V 4.0kW	PN OE on ISL engine		School Bus Mercedes 904	AS428000-0310	12V 2.7kW	
	Cummins ISB 5.9L	AS228000-1953	12V 2.7kW	Wet Clutch		Cummins ISB 5.9L	AS428000-1600	12V 2.7kW	Wet Clutch
	Cummins ISB 5.9L	AS228000-3811	12V 2.7kW			CAT 3116, 3126	TG228000-5851	12V 4.0kW	SAE #2 Housing - Wet Clutch
	Cummins ISB 5.9L	AS228000-4671	12V 2.7kW		GMC	Chevrolet, Workhorse	281-8102	12V 1.4kW	RA
	Cummins ISC, ISL	TG228000-5311	12V 4.0kW	PN OE on ISC engine	Hino	J08C-T1	228080-6383	12V 2.5kW	
	John Deere 8.1L CNG (CNG)	TG228000-5463	12V 4.0kW			J05D	428080-2503	12V 2.5kW	
	CAT 3116, 3126	TG228000-5851	12V 4.0kW	SAE #2 Housing - Wet Clutch		J08E-VC	428080-6985	12V 3.0kW	
Caterpillar	6.6/7.2L Engines Pass. Side 3126	TG228000-9750	12V 4.0kW	Dry Clutch, Ground Stud, Jump Start Protection	International	DT466E	TG228000-8510	12V 4.0kW	Wet Clutch
						T444E	TG228080-7371	12V 4.0kW	Dry Clutch
Cummins	Cummins ISB 5.9L	228080-2292	12V 2.7kW	Dry Clutch, Driver Side	Isuzu	VT365, Stripped Chassis VT365	TG428000-0071	12V 4.0kW	Wet Clutch
	Cummins ISB 5.9L	428000-5940	12V 2.7kW			DT466E	TG428000-2690	12V 4.0kW	Wet Clutch, Ground Stud, Dry Clutch
	Cummins ISB 6.7L	428000-6110	12V 3.0kW	PA905	John Deere	6HK1-TC 7.8L I6	TG228080-9761	12V 4.0kW	
	Cummins ISC 8.3L/ ISL 8.9L	428000-7870	12V 4.0kW		John Deere	John Deere	281-8107	12V 2.5kW	R Type
	Cummins ISB 6.7L with Relay	428000-9340	12V 3.0kW		Komatsu	4D95L, PC60	281-8105	12V 2.2kW	R type, 9 teeth
	Cummins ISC 8.3L/ ISL 8.9L	438000-3220	24V 7.5kW	Driver Side	Mercedes Benz	Mercedes 904	AS428000-0310	12V 2.7kW	Dry Clutch, Ground Stud
	Cummins ISC 8.3L/ ISL 8.9L	438000-3740	24V 7.5kW	Passenger Side		Mercedes 906 & 926	TG428000-1881	12V 4.0kW	Dry Clutch, Ground Stud
	Cummins ISB 5.9L	AS228000-3811	12V 2.7kW	Wet Clutch, Driver Side		2.1L Sprinter	281-8108	12V 1.8kW	PA70
	Cummins ISC 8.3L	TG228000-5311	12V 4.0kW	Dry Clutch, Ground Stud, Driver Side	Navistar	6.9L & 7.3L A/T & M/T	TG228000-8410	12V 4.0kW	
	Cummins ISC 8.3L	TG228000-6511	12V 4.0kW	Wet Clutch, Ground Stud		DT466	TG228000-8510	12V 4.0kW	
				DT466E		TG428000-2690	12V 4.0kW		
Cummins (24V)	Cummins ISC	TG428080-1340	24V 7.5kW		Thomas Built	Cummins ISB, 5.9L	228000-7301	12V 2.7kW	Dry Clutch & Ground Stud
	Cummins ISB 5.9L	228080-0633	24V 4.5kW	Add'l ground terminal added to 228000-0632		Cummins ISB 07, 6.7L	428000-5310	12V 3.0kW	
Dodge/Ram Promaster	6.01L	281-8106	12V 1.3kW	PA64		Cummins ISB	TG228000-3311	12V 3.0kW	
Ford	F-150, F-250, F-350 Super Duty	281-8104	12V 1.6kW	PA70		Cummins ISC	TG228000-5311	12V 4.0kW	Dry Clutch & Ground Stud
	Cummins ISB 5.9L	AS228000-3811	12V 2.7kW			CAT 3116, 3126	TG228000-5851	12V 4.0kW	SAE #2 Housing - Wet Clutch
Ford / Navistar	Powerstroke 7.3L A/T & M/T	TG228000-8420	12V 4.0kW		CAT 3116, 3126	TG428000-1610	12V 4.0kW	Dry Clutch	
	6.9/7.3L A/T & M/T	TG228000-8410	12V 4.0kW	Wet Clutch	Mercedes 906	TG428000-1881	12V 4.0kW		
	7.3L A/T & M/T, Direct Injection	TG228000-8420	12V 4.0kW	Wet Clutch	Various (24V)	Various	LAY42800-0060	24V 8.0kW	Crosses with competitor's 11 tooth big gear design
						Various	LAY42800-0070	24V 8.0kW	Crosses with competitor's 12 tooth big gear design



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