

# STARTERS & ALTERNATORS

PRICING VALID THROUGH MAY 31, 2022

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From long haul trucks to school buses and transit applications, Delco Remy starters & alternators are designed to handle even the toughest applications — ensuring that you start up every time.



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**STARTERS &  
ALTERNATORS**

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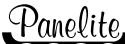
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**INDEL**  
POWER GROUP

THE PARTS YOU NEED

# ALL MAKES, ALL MODELS



NOTE: AVAILABILITY OF PRODUCTS MAY VARY BY LOCATION





GENUINE PRODUCTS

# 24SI™ Heavy Duty Alternator



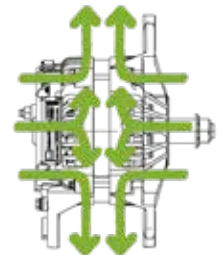
## FEATURES & BENEFITS

- **Dual internal fan (DIF)** design provides maximum cooling technology
- **OE approved**, assuring OE quality, reliability and performance for aftermarket replacements
- **Superior output** producing 160 Amps at road speed and 100 Amps at idle
- **Lightweight and compact** in size provides simplified installation
- **Warranty:** 1 year/unlimited miles (Applicable to U.S. and Canada only)

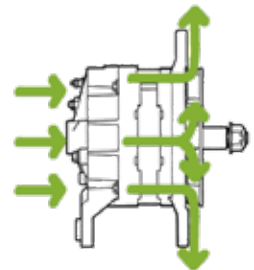
## Maximum Cooling Technology specially designed for today's higher under-hood temperatures

The 24SI has a dual internal fan (DIF) design that provides Maximum Cooling Technology. Dual fans mean greater air circulation over the alternator electronics. That allows the alternator to run at lower temperatures which improves the operating efficiency and durability of the unit.

With a single external fan, air is drawn in from the terminal end and passes through the length of the alternator to exit through the fan. The higher operating temperature reduces the unit's efficiency and durability.



24SI Dual Internal Fan

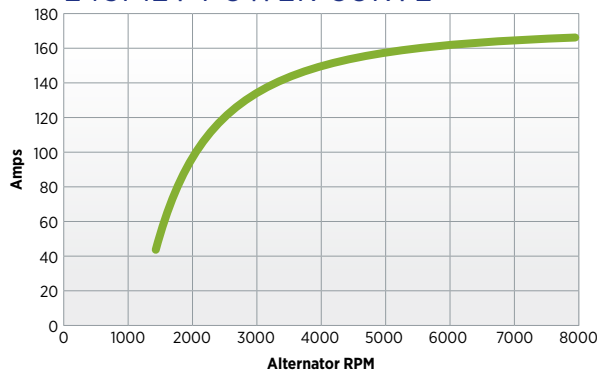


Conventional External Single Fan

## SPECIFICATIONS

<b>Performance Output</b>	12 Volts 100 Amps 12 Volts 130 Amps 12 Volts 145 Amps 12 Volts 160 Amps 24 Volts 70 Amps 24 Volts 110 Amps
<b>Rotation</b>	Clockwise
<b>Maximum Speed</b>	10,000 RPM Continuous 12,000 RPM Intermittent
<b>Temperature Rating</b>	105°C/221°F
<b>Mounting</b>	J180 Hinge Mount Pad Mount
<b>Weight</b>	16.2 lbs/7.7 kg

## 24SI 12V POWER CURVE



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# 24SI™ Heavy Duty Alternator







Maximum Cooling Technology

## COMPETITIVE COMPARISON

Specifications	Delco Remy 24SI	Leece Neville 110-555	Bosch AL9960LH
<b>Rated Output Voltage</b>	14.0	13.8	14.0
<b>Output @ 2000 RPM</b>	100 Amps	96 Amps	94 Amps
<b>Output @ 6000 RPM</b>	160 Amps	160 Amps	155 Amps
<b>Overall Diameter</b>	150.0 mm	170.1 mm	147.2 mm
<b>Length</b>	213.7 mm	222.5 mm	206.5 mm
<b>Total Mass/Weight</b>	7.7 kg	8.7 kg	6.9 kg
<b>Fan for Cooling</b>	Dual Internal Fan	External Single Fan	Dual Internal Fan
<b>DE Bearing</b>	62 mm	62 mm	52 mm
<b>Bearing Protection</b>	Slinger Protection	Unprotected	Unprotected
<b>Rotor Shaft</b>	22 mm	22mm	17 mm

## UPGRADE FROM COMPETITIVE ALTERNATORS

Leece Neville	Replace With Delco Remy
 <p><b>LN 110-555JHO</b></p>	 <p><b>J180 Hinge Mount</b> New Service - No Core <b>24SI 8600310</b></p>
 <p><b>LN 110-555PHO</b></p>	 <p><b>Pad Mount</b> New Service - No Core <b>24SI 8600889</b></p>

## PART NUMBERS

Mounting	Model	Part #	Output (Amps)
<b>Pad</b>	12V	8600889	160
	24V	8600471	70
<b>J-180 Hinge</b>	12V	8600310	160
	24V	8600388	70

**Tech Support 800-372-3555**

If you need assistance with part number identification or electrical system troubleshooting, we're here to help.

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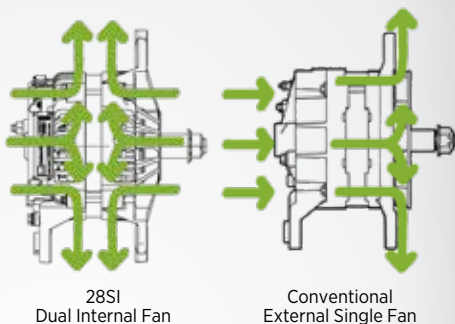
GENUINE PRODUCTS

# 28SI™ Heavy Duty Alternator

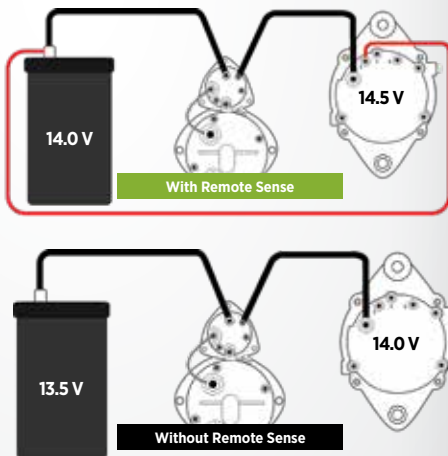


## FEATURES & BENEFITS

- **Dual internal fan (DIF)** design provides maximum cooling technology
- **OE approved**, assuring OE quality, reliability and performance for aftermarket replacements
- **Superior output** producing up to 200 Amps at road speed and 140 Amps at idle



- **Equipped with Remote Sense** which utilizes a second wire that reads the actual voltage at the battery. This signals the alternator to boost its output to compensate for the voltage drop, ensuring 14 Volts at the battery. The proper voltage forces more current into the battery bringing it to a full state of charge between vehicle stops. Reduces battery charge time by 50%.

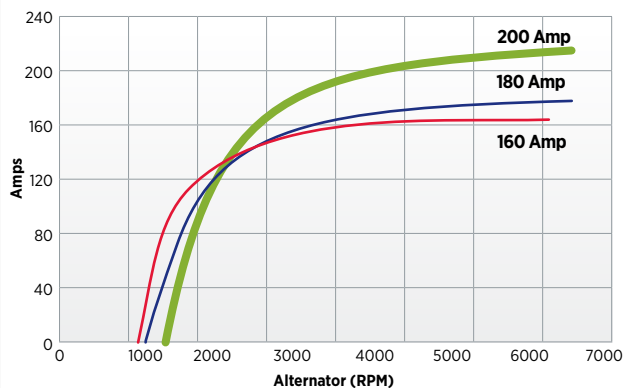


- **Warranty:** School Bus: 2 year/unlimited miles\*. All Other Vehicles: 1 year/unlimited miles\* (Applicable to U.S. and Canada only)

## SPECIFICATIONS

<b>Performance Output</b>	12 Volts 160 Amps (125 Amps at idle) 12 Volts 180 Amps (130 Amps at idle) 12 Volts 200 Amps (140 Amps at idle) 24 Volts 110 Amps
<b>Rotation</b>	Clockwise
<b>Maximum Speed</b>	10,000 RPM Continuous 12,000 RPM Intermittent
<b>Temperature Rating</b>	125°C/257°F
<b>Mounting</b>	J180 Short Hinge Mount J180 Long Hinge Mount Pad Mount
<b>Weight</b>	18.7 lbs/8.5 kg

## 28SI 12V POWER CURVE



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# 28SI™ Heavy Duty Alternator

## COMPETITIVE INTERCHANGE

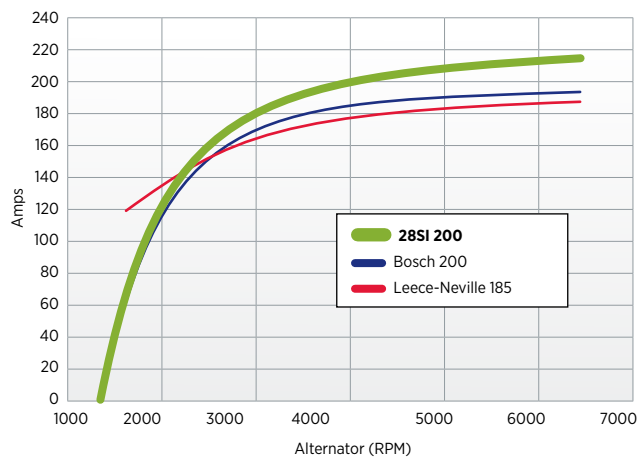
Mounting	Voltage	Regulator Type	OE Part #	All Makes Part #	Reman Part #	Output (Amps)	Competitive Cross References
Pad	12V	Term Stud	8600422	8600315		160	AL9961LH
			8600524				
			8600560				
			8600723				
		Plug Type	8600645	8600201	8700080	160	
			8600771				
	Term Stud	8600772	8600316		180	8LHP2276V, 110-775P	
		8600773					
Plug Type	8600774	8600078		180			
	8600775						
Term Stud	8600776	8600253	8700082	200			
	8600417						
24V	Term Stud	8600815	8600314	8700088	200	4939AAH, 4939PGH, 4940PA, 4943PGH, 4945AAH, 4948PA, 4951PGH, A0014939AAH, A0014939PGH, A0014940PA, A0014943PGH, A0014945AAH, A0014948PA, A0014951PGH, AL9962SB	
		8600621					8600690
			8600423			110	
J-180 Short Hinge	12V	Term Stud		8600312		160	AL9960LH
			8600424				
		Plug Type	8600454	8600223	8700087	200	AL9963SB
			8600814				
			8600466				
	Term Stud	8600467	8600467		200		
8600467		110					
J-180 Long Hinge	12V	Term Stud		8600308		160	2800LC, 2801LC, 2802LC, 2824LC, 2825LC, 2828LC, 2913LC, A0012800LC, A0012802LC, A0012824LC, A0012825LC, A0012828LC, A0012913LC, A002801LC
			8600311				
		Term Stud		8600307	8700083	200	2331GH, 2333GH, 4836AAH, 4836LGH, 4846AAH, 4850AA, 4860AA, 4860JB, 4861JB, 4863JB, 4868JGH, 4884JB, A0014836AAH, A0014836LGH, A0014846AAH, A0014850AA, A0014860AA, A0014860JB, A0014863JB, A0014868JGH, A0014884JB, BLD2333GH, BLD2331GH
			8600468				
	24V	Term Stud		8600468			110

## COMPETITIVE CROSS REFERENCE

Specs	Delco Remy 28SI 200 Amp	Leece-Neville 4800-4900 Series 185 Amp	Bosch AL9963SB 200 Amp
<b>Weight</b>	18.7lbs/8.5kg	33lbs/15kg	18.3lbs/8.3kg
<b>Length</b>	216 mm	275 mm	207 mm
<b>Overall Diameter</b>	154 mm	168 mm	156 mm
<b>Stator Diameter</b>	144 mm	168 mm	145 mm
<b>Fan Type</b>	Dual Internal	Single External	Dual Internal
<b>Remote Sense</b>	Yes	No	No
<b>Output @ 2000 rpm</b>	140 amps	140 amps	115 amps
<b>Output @ 6000 rpm</b>	212 amps	188 amps	200 amps
<b>Peak Efficiency</b>	68%	60%	68%
<b>DE Bearing Size</b>	62 mm	62 mm	52 mm
<b>Temp. Rating °C</b>	125	110	125*

\* Bosch model regulator will shut down completely before 125° resulting in no alternator output at this temperature

## COMPETITIVE COMPARISON



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GENUINE PRODUCTS

# 39MT™ Heavy Duty Gear Reduction Starter

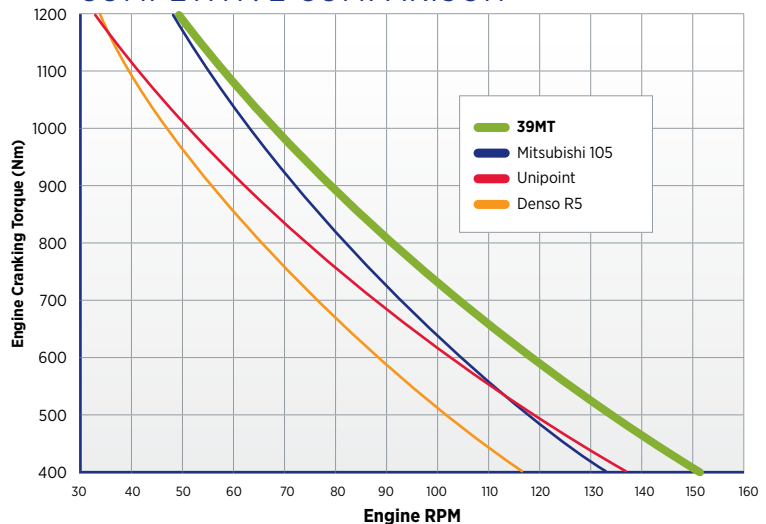


**Cranks up to 30% faster than the competition**

## FEATURES & BENEFITS

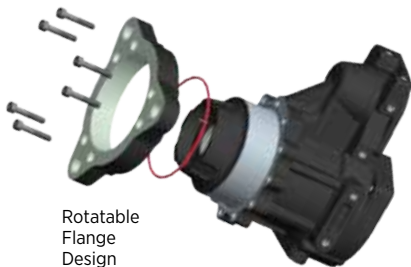
- New service models come standard with **Over Crank Protection (OCP)**. OCP monitors the internal temperature and prevents thermal damage to the starter by preventing overcranking.
- These models feature an **Integral Magnetic Switch (IMS)**. IMS reduces voltage drop and ensures the solenoid receives the maximum available voltage in any starting condition.
- **Rotatable flange models** were designed specifically to improve service flexibility and part number consolidation. They easily replace competitive units and provide full industry application coverage.
- **Warranty for All Makes models:** 3 year/unlimited miles (Applicable to U.S. and Canada only)

## COMPETITIVE COMPARISON



## SPECIFICATIONS

<b>Engine Size</b>	12V up to 16 Liters, 24V up to 16 Liters
<b>Rotation</b>	Clockwise
<b>Mounting</b>	12V: SAE #1, SAE #3; 24V: SAE #3
<b>Pinion Data</b>	11 Tooth, 6-8 Pitch, 12 Tooth, 8-10 Pitch, 12 Tooth, Mod 3-metric
<b>Output</b>	12V peak at 7.3kW, 24V peak at 9.0kW
<b>Weight</b>	14 kg/30.8 lbs.
<b>Diameter</b>	114 mm/4.5 inches
<b>Heavy Duty Drive</b>	Electrical Soft-Start Engagement System Overrunning Clutch



Rotatable Flange Design

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OEM	ENGINE	OE	REMAN	ALL MAKES		PINION PITCH/TEETH	COMPETITIVE CROSS REFERENCES	
				NEW SERVICE	ROT. FLANGE			
Freightliner Sterling Western Star	MBE 4000	19011525, 8200082, 8200660, 8200687, 19011514, 8200084, 8200624, 8200690, 19011526, 8200081, 8200659, 8200688, 8200783	8300008	8200287 <sup>1</sup>	N/A	Mod 3 - 12 tooth	MIB971179, MIB971179FL, FL1179	
		8200624, 8200690, 19011526, 8200081, 8200659, 8200688, 8200783	8300013					
	Cummins ISC, ISL	19011517, 8200087, 8200625, 8200691, 19011521, 8200090, 8200091, 8200661, 8200686, 8200662	8300007	8300015	N/A	8200433	8/10 - 12 tooth	N/A
		19011516, 19011518, 19011529, 19011530, 8200623, 8200627, 8200628, 8200692	8300019					
	Cummins ISX12 & ISX15 with Dual Input IMS DD 13/15/16 2015 and older DD 13/15/16 2016 and newer	61000944, 61000945	N/A		N/A	61013765	6/8 - 11 tooth	MIB970975, MIB970975FL, FL0975, MIB970777, MIB970777FL, FL0777, FL0579, D616005003, D616002004
	2015 and older DD 13/15/16 2016 and newer	8200329, 8200671, 8201022	8300084 <sup>2</sup>		N/A	8200434		
Cummins ISX, ISM, CAT C13, C15	8200050, 8200091, 8200604, 8200605, 8200081, 8200659, 8200218, 8200635, 8200219, 8200664, 8200360, 8200672, 8200384, 8200639	8300009	8300007	8200289	8200308	6/8 - 11 tooth	3815734C91, IN1478, D616005003, D616002004	
DT466, DT570, HT570, Maxxforce DT, 9, 10	8200857, 8200606, 8200050, 8200090, 19011529, 8200104, 8200405 <sup>3</sup> , 8200741 <sup>3</sup> , 8200742 <sup>3</sup>	N/A	8300007	8200817 <sup>4</sup>	8200433	8/10 - 12 tooth	MITINI378	
MaxxForce 11/13 Detroit Diesel Series 60 (S60), CAT C9, C10, C11, C12, C13, C15, Cummins ISX15, ISM	8200457, 8200808 <sup>3</sup> , 8200763 <sup>3</sup> , 8200793	N/A	N/A	8200290	8200308	8/10 - 12 tooth	3667911C91, IN2178, D61-6002-004, D61-6002-008, PC0979, PC1479, PC1879, M983579, D616005003, D616002004	
Cummins ISC, ISL	8200457, 8200808 <sup>3</sup> , 8200763 <sup>3</sup>	N/A	N/A	8200742 <sup>3</sup>	N/A	6/8 - 11 tooth	M983579, D616005003, D616002004	
Cummins ISX12	8200457, 8200808 <sup>3</sup> , 8200763 <sup>3</sup>	N/A	N/A	N/A	8200433	8/10 - 12 tooth	D61-6002-003, PC1379	
Mack E7	19011500, 19011505, 19011531, 8200037, 8200223, 8200612, 8201074, 61003774, 8200214, 8200572, 8201076, 61003776	8300020	8300009	8200288	8200308	6/8 - 11 tooth	D61-6002-010, MK0077, D616005003, D616002004	
Mack MP7	8200182, 8200610, 8201072, 61003772, 8200768, 8200625, 8201080, 8201081, 61003780, 61003781, 8200915, 8201082, 61003782	8300059	8300059	8200468	8200308	8/10 - 11 tooth	21001797, MK1075	
Mack MP8 2012 and older Mack MP8 2013 and newer	8200611, 8200910, 8200417	61002699	61002699	8201100		N/A	8/10 - 12 tooth	21019460, MK2078, 21942885, MK2079
Mack MP10	8200182, 8200610, 8201072, 61003772, 8200768, 8200625, 8201080, 8201081, 61003780, 61003781, 8200915, 8201082, 61003782	8300061	8300061	8200469 <sup>5</sup>	8200308	8/10 - 12 tooth	21045969	
Cummins ISL, ISL-G	8200915, 8201082, 61003782	N/A	N/A	N/A		N/A	8/10 - 12 tooth	N/A
Cummins ISX 12G	8200915, 8201082, 61003782	N/A	N/A	8200971	8200308	6/8 - 11 tooth	N/A	
Cummins ISX, ISM	19011516, 19011517, 19011530, 8200091, 8200662, 8200319, 8200820, 8201078, 8201079, 61003778, 61003779, 8200223, 8200612, 8201073, 61003773	8300009	8300009	8200289	8200308	6/8 - 11 tooth	20851006, VV0776, VV0977, D616005003, D616002004	
Volvo D11	8200058, 8200186, 19011515, 8200214, 8200572, 8200611, 8200909, 8200417, 8201075, 61003775	8300059	8300004	8200468 <sup>5</sup>	8200291	8/10 - 11 tooth	21001781, VV1076	
Volvo D12	8200058, 8200186, 19011515, 8200214, 8200572, 8200611, 8200909, 8200417, 8201075, 61003775	8300004	8300004	8200291		N/A	8/10 - 12 tooth	VV0279
Volvo D13 2012 and older Volvo D13 2013 and newer	8200058, 8200186, 19011515, 8200214, 8200572, 8200611, 8200909, 8200417, 8201075, 61003775	61002699	61002699	8201100	N/A	8/10 - 12 tooth	21019456, 21989095, VV2079	
Volvo D16	8200182, 8200610, 8201071, 61003771, 8200960, 8201083, 61003783	8300061	8300061	8200469 <sup>5</sup>	8200308	8/10 - 12 tooth	21001825, VV1979	
Cummins ISX 12G	8200960, 8201083, 61003783	N/A	N/A	N/A		8200971	6/8 - 11 tooth	N/A
Cummins ISX, ISM	8200091, 19011530	8300009	8300009	8200289	8200308	6/8 - 11 tooth	D616005003, D616002004	
Cummins ISC, ISL, ISL-G	8200218, 8200219	8300007	8300007	N/A	8200433	8/10 - 12 tooth	N/A	
24V Detroit S60	N/A	N/A	N/A	N/A	8200330	6/8 - 11 tooth	510752, PV2479	
24V Detroit S60, Cummins ISM, CAT C12, C13	N/A	N/A	N/A	N/A	8200330	6/8 - 11 tooth	71-01-1008, MC2378	
CAT C12, C13, C15, Cummins ISM, ISX, N14, Detroit S60, Mack E7	N/A	N/A	N/A	N/A	8200330	6/8 - 11 tooth		
Cummins ISC & ISL, Navistar DT466 & DT530, Volvo D12	N/A	N/A	N/A	N/A	8200435	8/10 - 12 tooth	N/A	
Mercedes 4000, DD 13/15 - 2015 and older	N/A	N/A	N/A	N/A	8200436	Mod 3 - 12 tooth		

<sup>1</sup> Replacement may mount the engine with solenoid facing down by design. <sup>2</sup> Replaces reman P/N 8300058. <sup>3</sup> Integrated OCP.

<sup>4</sup> Can use 8200433 by removing 6 bolts on the front of the flange and rotating the flange so the solenoid is in the same top position as the OE model. <sup>5</sup> No OCP.

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