



DENSO Starters for GM Fleets

Planetary Gear Reduction (PA Type) and Offset Gear Reduction (R Type) Starters

Features & Benefits:

R Type (Offset Gear Reduction) Starters

- Maximum cranking torque under all conditions.
- Class leaders in size and weight.
- Environmentally designed to start in cold and hot weather conditions.

PA Type (Planetary Gear Reduction) Starters

- Oil-less bearing
- Dust and waterproof housing
- Fusible steel plate for safety
- High performance, long life brush
- Planetary gear reduction
- Internal gear ratio 5.67:1
- Smaller, lighter weight



DENSO
HEAVY DUTY

DENSO STARTERS FOR GM FLEETS

DENSO PA & R Type Starters For Light Duty Fleet Applications

Make	Model	MY Range		Engine	DENSO Part Number	GM OE	AC Delco
		From	To				
GM	G-Van (10, 20, 30, 1500, 2500)	2004	2013	4.8	TN438000-0160	19180529	323-1662
						89017848	323-1641
GM	G-Van (G20, 30, 2500 & 3500)	2007	2012	6.0	TN438000-0160	12563830	323-1661
						12563907	323-1661
						89017848	323-1641
GM	GM Truck (Silverado, Sierra & Suburban)	2001	2008	4.8	TN438000-0160	19180529	323-1662
						89017848	323-1641
GM	GM Truck (Silverado, Sierra & Suburban)	2001	2012	6.0	TN438000-0160	12563830	323-1661
						12563907	323-1661
						89017848	323-1641
GM	GM Trucks GM Vans	1994	2000	4.3	281-8002	75726450	
				5.7		10465167	
				7.4		10465554	
				8.1		9000786	
						9000860	
	9000899						



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