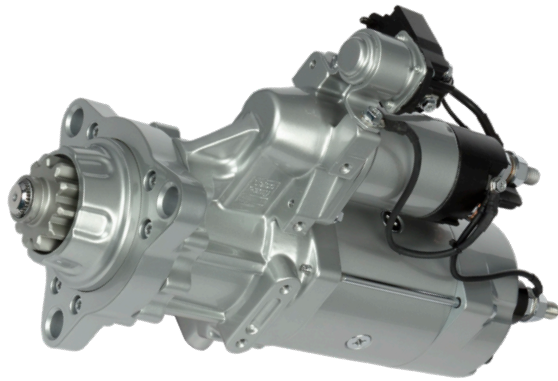


# 39MT™ Heavy Duty Starter with Smart IMS (Integrated Magnetic Switch)



**Smart IMS technology protects against six of the most common failure modes that arise from system issues.**

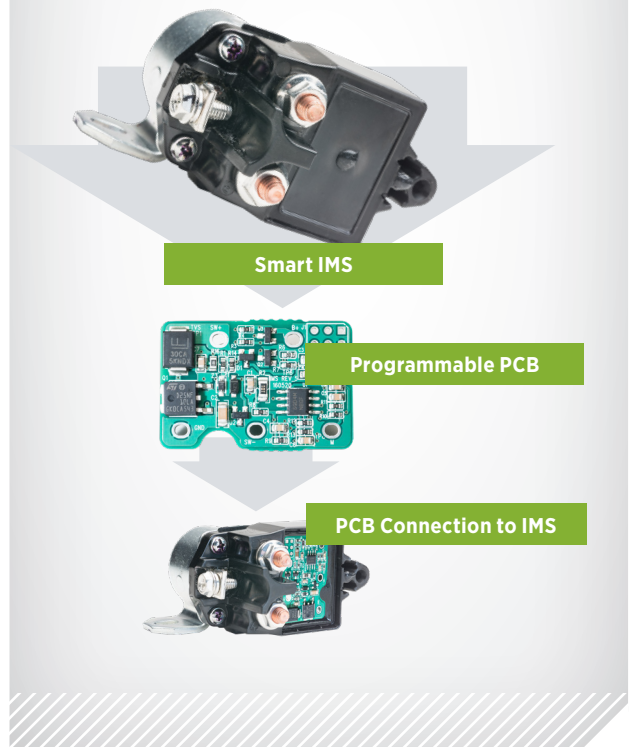
For each failure mode, there is a protection feature in the Smart IMS specifically designed to counter it and prevent the failure from occurring.

## PROTECTION FEATURES

Potential Failure Mode	Protection Feature
Click-no-crank (driver annoyance) Solenoid prolonged power	Engagement monitor/ auto-retry
Damaged pinion & ring gear teeth	Rapid re-engagement lockout
Engagement into running engine, damaged pinion & ring gear teeth	Running engine lockout
Overcrank and solenoid chatter due to low battery SOC	Low voltage lock-out
Overcrank	Time-limited crank
Extended overrun	Auto-disengage at engine start

**In addition to eliminating the six failure modes**, the Smart IMS prevents the costly repair or replacement costs (and denied warranty claims) that often result from these failure modes.

**Warranty:** 3 year/unlimited miles and improved to cover the system-related failure modes listed (applicable in US and Canada)



## SMART IMS KITS

- 12 Volt: 61006822
- 24 Volt: 61006824

Includes IMS assembly, 2 bolts,  
ground lead, cable tie, instruction sheet

# 39MT™ Heavy Duty Starter with Smart IMS

OEM	Engine	OE	Reman	All Makes			Pinion Pitch/Teeth	Competitive Cross Reference
				New Service	Rot. Flange	Smart IMS		
Freightliner Sterling Western Star	CAT C15, Cummins ISX, ISM, Detroit S60	19011521 8200090 8200091 8200661 8200686 8200662	8300009				6/8 - 11 tooth	MIB970975 MIB970975FL FL0975 MIB970777 MIB970777FL FL0777 FL0579
		19011516 19011518 19011529 19011530 8200623 8200627 8200628 8200692	8300019	8200289	8200308			
Navistar	Cummins ISX, ISM, CAT C13, C15	8200050 8200091 8200604 8200605	8300009	8200289	8200308		6/8 - 11 tooth	3815734C91 IN1478
Kenworth Peterbilt	CAT C9, C10, C11, C12, C13, C15 Cummins ISX, ISM	8200050 8200090	8300009	8200290	8200308	61003201	6/8 - 11 tooth	D61-6002-004 D61-6002-008 PC0979 PC1479 PC1879 M983579
Mack	Mack E7	19011500 19011505 19011531 8200037	8300020	8200288	8200308		6/8 - 11 tooth	MK0077
Volvo	Cummins ISX, ISM	19011516 19011517 19011530 8200091 8200662 8200319 8200820 8201078 8201079	8300009	8200289	8200308		6/8 - 11 tooth	20851006 VV0776 VV0977
Autocar	Cummins ISX, ISM	8200091 19011530	8300009	8200289	8200308		6/8 - 11 tooth	N/A
Prevost Bus	24V Detroit S60	N/A	N/A	N/A	8200330		6/8 - 11 tooth	510752 PV2479
MCI Bus	24V Detroit S60, Cummins ISM, CAT C12, C13	N/A	N/A	N/A	8200330	61003202	6/8 - 11 tooth	71-01-1008 MC2378
Various 24V	CAT C12, C13, C15, Cummins ISM, ISX, N14, Detroit S60, Mack E7				8200330		6/8 - 11 tooth	N/A

[delcoremy.com](http://delcoremy.com)



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