

39MT Starter Pinion Teeth Change for 2016 DD13/15/16 Engines (GHG17)

15-5

> Constellation
Heritage
> 4700 Models

4800 Models
> 4900 Models
> 5700 Models

5900 Models
> 6900 Models

**Western Star
Service Bulletin**

General Information

Beginning January 1, 2016, to improve starter engagement, the number of teeth on 2016 DD13/15/16 engines and applicable 39MT starters has been reduced. On 2016 and newer DD13/15/16 engines, the ring gears have 150 teeth, and the starters have 11 teeth. 2015 and older engines have ring gears with 160 teeth and starters with 12 teeth. Starters for 2015 engines must not be used on 2016 engines, and vice versa.

NOTICE

Installing the wrong starter on an engine will result in significant damage to the starter and ring gear, requiring replacement.

Delco Remy is labelling 39MT starters according to the correct engine application to assist in quick identification. See [Fig. 1](#) and [Fig. 2](#). An identification label will be affixed to the starter housing, and another beside the part number label on the starter packaging.

NOTE: Starters already manufactured and currently in circulation will not be retroactively labeled. Before replacing the starter, always verify it is the correct one for the engine.

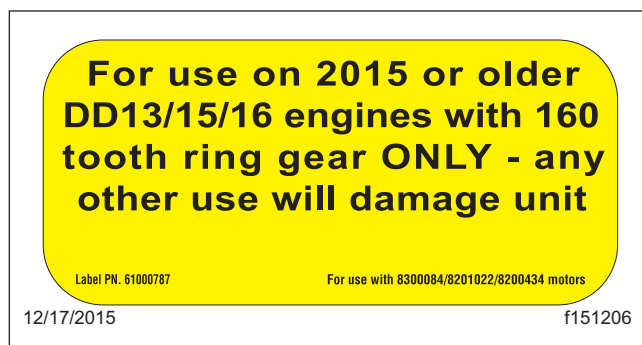


Fig. 1, Label for 39MT Starters for GHG14 and Earlier (2015 and Older) Engines

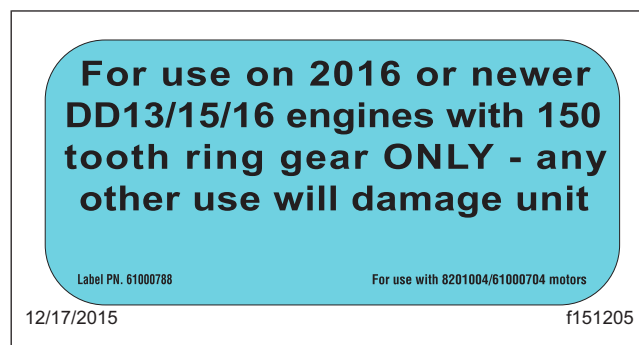


Fig. 2, Label for 39MT Starters for GHG17 (2016 and Newer) Engines

PartsPro will list the correct replacement starter based on the vehicle's engine. See [Table 1](#) for differentiating between starters.

39MT Starter Part Numbers by Engine				
Engine	Delco Remy Part Number	Number of Teeth	Alert Label Color	Description
2015 and older (EPA10, GHG14) DD13/15/16	8201022	12	Yellow	39MT fixed flange OE, 12-tooth pinion for Detroit engines with 160-tooth ring gear
	8200434	12	Yellow	39MT all-makes service model, 12-tooth pinion for Detroit engines with 160-tooth ring gear
	8300084	12	Yellow	39MT remanufactured service model, 12-tooth pinion for Detroit engines with 160-tooth ring gear
2016 and newer (GHG17) DD13/15/16	8201004	11	Blue	39MT fixed flange OE, 11-tooth pinion for Detroit engines with 150-tooth ring gear
	61000704	11	Blue	39MT all-makes service model, 11-tooth pinion for Detroit engines with 150-tooth ring gear

Table 1, 39MT Starter Part Numbers by Engine

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Warranty

This is an informational bulletin only. Warranty does not apply.