

TO: Service Locations

FROM: Service Systems Development

SUBJECT: **Engine Barring Tool W904589046300 Usage on GHG17 Heavy Duty Engines**

GENERAL INFORMATION

There was a change made to the flywheel ring gear for GHG17 heavy duty engines to reduce the number of teeth from 160 to 150. This change impacts barring capability using engine barring tool W904589046300. There are two versions of this engine barring tool. The early version is black in color and has shorter gear teeth. When used on a GHG17 heavy duty engine, this tool will bind and not allow smooth rotation. The later version of the engine barring tool is silver in color and has longer gear teeth that better engage the ring gear. This version was released in May of 2014 and carries the same tool number. The silver version of the engine barring tool allows smooth rotation for GHG17 heavy duty engines with no binding. The silver engine barring tool is backwards compatible and is a direct replacement for the black engine barring tool. See illustration below for engine barring tool comparison.



Figure 1. Early Engine Barring Tool (Left) and Later Engine Barring Tool (Right)

ADDITIONAL INFORMATION

The silver engine barring tool will not be automatically distributed, as the tool has superseded the black version of the tool. The barring tool can be purchased through the normal parts ordering process.

CONTACT INFORMATION

Please contact the Detroit™ Special Tool group at detroittoolwarranty@daimler.com if you have any questions.