



Crankshaft Reluctor Wheel Caution on 2009-2017 Dodge/Chrysler 5.7 & 6.4L Hemi Engines

The AERA Technical Committee offers the following information regarding the crankshaft reluctor wheel on 2009-2017 Dodge/Chrysler 5.7 & 6.4L hemi engines.

Different style reluctor wheels have been used and there are two versions of the 58-tooth reluctor wheel. This information should not be confused with the earlier 32-tooth reluctor wheel.

During disassembly, it is advised to pay close attention to the gear and measure the thickness of the gear. Be careful not to bend the gear and support the crankshaft on V-blocks. All 2012 and earlier 58-tooth reluctor wheels have a tooth width of .170" (4.318 MM). All 2013 and later 58-tooth reluctor wheels have a tooth width of .130" (3.302 MM) along with a dimple in the rear face of the wheel.

Identifying the crankshaft before work is started will speed up the engine build process and prevent incorrect parts ordering.