

## Connecting Rod Bolts on 2000-2006 BMW 3.2L S54 Engines

The AERA Technical Committee offers the following information regarding the connecting rod bolts on 2000-2006 BMW 3.2L, S54 engine. These engines used two different connecting rod bolts during the production year 2002.

Connecting rod bolts used in engines manufactured up to 12/13/2002 may be reused. Connecting rod bolts used in engines manufactured after 12/13/2002 use a revised bolt and those bolts must be replaced anytime they've been removed from service.

There is a visible difference of the bolts as shown in the Figure 1 below as well as a thread size difference. The old style bolts are removed with a 12mm socket while the new style smaller 10mm bolts are removed with a Torx head wrench. The new style 10mm X 1.25 bolts are available under Part #11247834310.

