

APTБ 02/13

SUBJECT: AP0070 High-Pressure Oil Rail Seal Kit

May 6, 2013

AP0070 is a kit developed to reseal the outlet fittings on the 2003–2010 6.0 L high-pressure (wavy or straight style) oil rails. This kit includes four seals for the outlet fittings only; the use of **AP0069** socket is required for disassembly and assembly. The procedure below describes the proper way to disassemble and reassemble the high-pressure oil rail outlet fittings.

Step 1

Following the OEM service manual procedures, remove the high-pressure oil rail assembly.

Step 2

Secure the high-pressure oil rail with the outlet fittings facing up (see Figure 1).



Figure 1

Step 3

Using the **AP0069** socket, remove the four outlet fitting retaining nuts using a half inch breaker bar and remove the outlet fitting assemblies (see Figure 2).

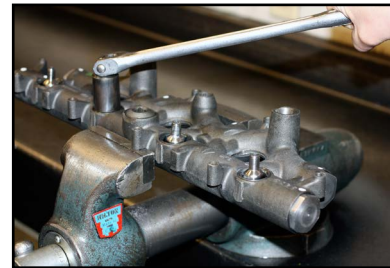


Figure 2

Note: The **AP0069** is for hand use only! The use of an impact gun will damage the socket and retaining nut resulting in personal injury.

Step 4

Remove the outlet fitting seals, clean and inspect the sealing surfaces for wear or damage (see Figures 3 & 4). If wear or damage is found, the high-pressure oil rail assembly must be replaced and cannot be resealed.



Figure 3

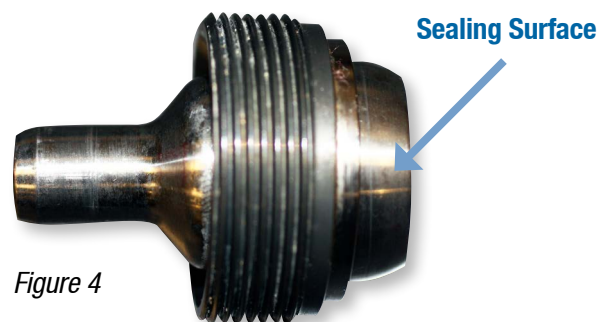


Figure 4

Step 5

Coat the four outlet fitting seals with assembly grease and install them into the oil rail (see Figure 5). Install the outlet fitting assemblies into the oil rail and torque the retaining nuts to 100 lb-ft.



Figure 5

Step 6

Following the OEM service manual procedures, install the high-pressure oil rail assembly.