

GF11082A

High Pressure Oil Rail Seal Installation Procedure

Required Tools:

- Half Inch Ratchet or Breaker Bar
- High Pressure Oil Rail Socket
- Half Inch Torque Wrench

Procedures:

1. Follow the step-by-step procedure from the OEM service manual and remove the high pressure oil rail assembly.

2. Once the rail assembly is removed, secure it in a vise with the oil rail outlets facing in the upward position. (See Figure 1)

3. Using the oil rail socket and a half inch ratchet or breaker bar, remove the four outlet fitting retainer nuts and fittings. (See Figure 2)

Note: Do not use an impact gun to remove outlet fitting retainer nuts as it will damage the socket and retainer nut.

4. Remove the oil seal from the rail assembly. Clean and inspect the sealing surface for wear or damage on the outlet fitting and bore. (See Figure 3 & 4)

Note: Replace the high pressure oil rail assembly and outlet fitting if wear or damage is found during inspection.

5. Using clean engine oil, coat the o-ring seals and install them into the oil rail. (See Figure 5)

6. Reinstall outlet fitting into oil rail. Using the oil rail socket, hand tighten retaining nut first. Then torque retaining nuts to 100lb-ft(136 N-M).

7. Follow the OEM service procedures and reinstall the high pressure oil rail assembly.



Fig. 1



Fig. 2



Fig. 3



Fig. 4

Sealing Surface
Surface de scellement
Superficie de sellado



Fig. 5

[View other replacement engine parts made by Standard on our website.](#)