

SUBJECT: AP0025 High-Pressure Oil Rail Seal Replacement Kit

Installation of G2.9 injectors requires the removal of the high-pressure oil rail. All injector oil inlet seals must be replaced any time the high-pressure oil rail is removed. The seals are exposed to extreme pressures and are prone to failure if they are reused or installed improperly.

Reuse or improper installation may cause leaks in the high-pressure oil system. Such leaks could cause hard starting, no starting or engine damage. Kit part number AP0025 is offered to reseal the injector oil inlet tubes on the high-pressure oil manifold. In addition to the tube seals, the kit also includes new seal backup rings (Figure 1). There are three different thicknesses of backup rings (not all backup rings will be used). To determine the proper thickness backup ring to be installed, the groove in the injector oil inlet tube must be measured (Figure 2).

The installation of the proper backup ring is vital to the life of the injector oil inlet seal. Improper backup ring selection and installation will cause premature injector oil inlet seal failure. Refer to AP0025 instruction sheet for proper installation.

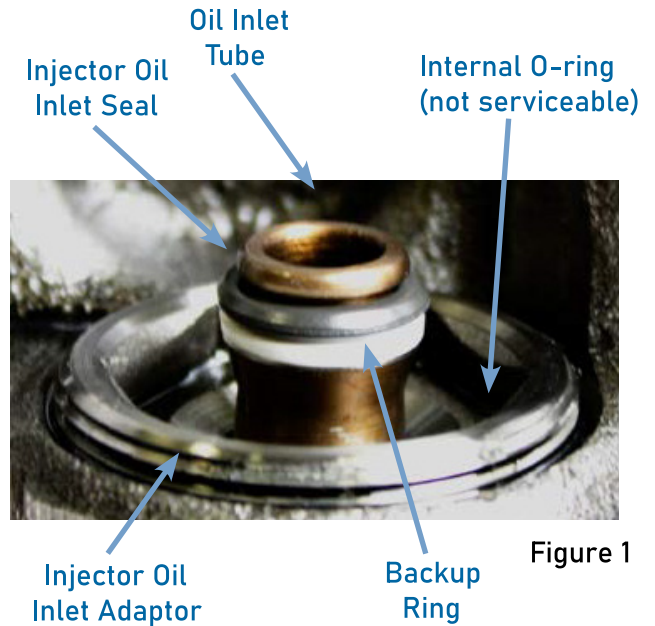


Figure 1

G Groove in oil inlet tube	Back up ring
5.080 mm (0.200 ⁵)	1.8 mm (0.07 ⁵)
4.877 mm (0.192 ⁵)	1.6 mm (0.06 ⁵)
4.420 mm (0.174 ⁵)	1.1 mm (0.04 ⁵)



Figure 2

For more information visit

AlliantPower.com