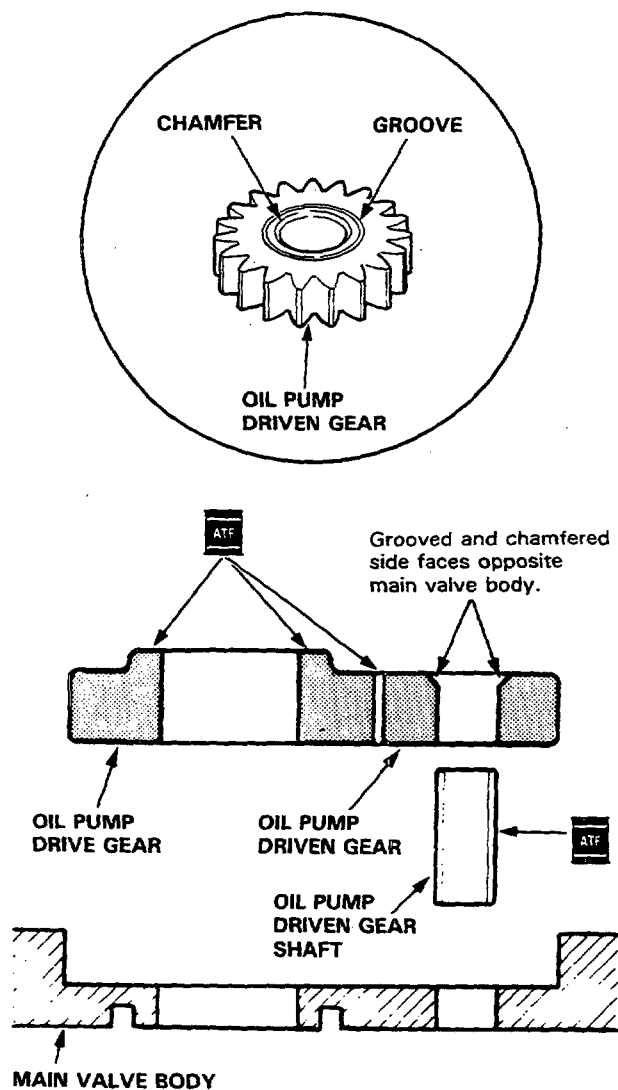


Oil Pump

Inspection

1. Install the oil pump gears and oil pump driven gear shaft in the main valve body.



2. Measure the side clearance of the oil pump drive and driven gears.

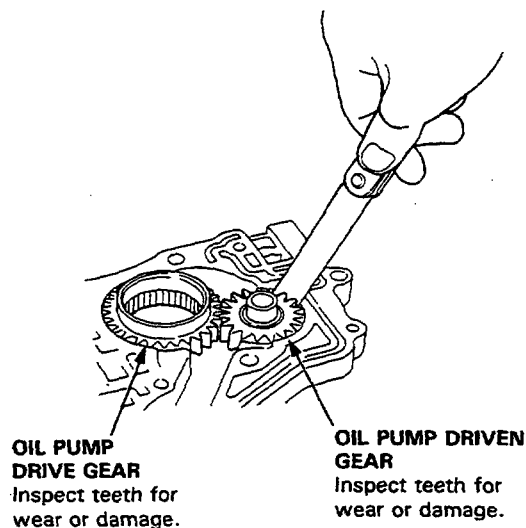
Oil Pump Gears Side (Radial) Clearance:

Standard (New): Drive Gear

0.210–0.265 mm
(0.0083–0.0104 in)

Driven Gear

0.07–0.125 mm
(0.0028–0.0049 in)



3. Remove the oil pump driven gear shaft and measure the thrust clearance of the oil pump driven gear-to-main valve body.

Oil Pump Drive/Driven Gear thrust (Axial) Clearance:

Standard (New):

Drive Gear: 0.03–0.05 mm
(0.001–0.002 in)

Driven Gear: 0.04–0.06 mm
(0.0016–0.0024 in)

Service Limit: 0.07mm (0.0028 in)

