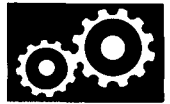


Oil Pump



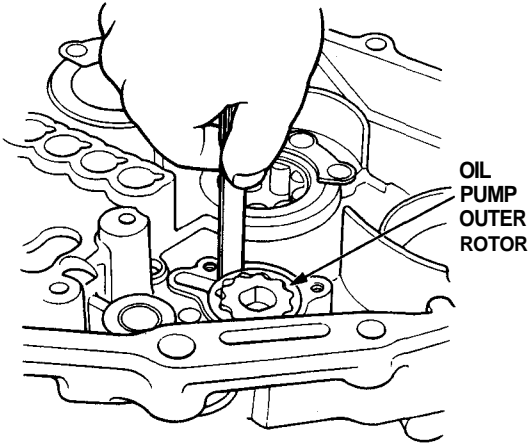
Clearance Inspection

1. Check the clearance on the oil pump outer rotor.

Clutch Housing-to-Outer Rotor Axially Clearance

Standard: 0.1 — 0.2 mm (0.004 — 0.008 in)

Service Limit: 0.22 mm (0.009 in)



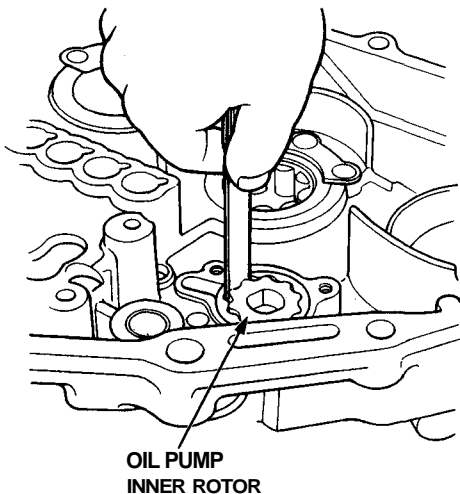
- If the clearance is more than the service limit, replace the oil pump outer rotor or clutch housing.

2. Check the clearance on the oil pump inner rotor.

Inner Rotor-to-Outer Rotor Clearance

Standard: 0.14 mm (0.006 in)

Service Limit: 0.2 mm (0.01 in)



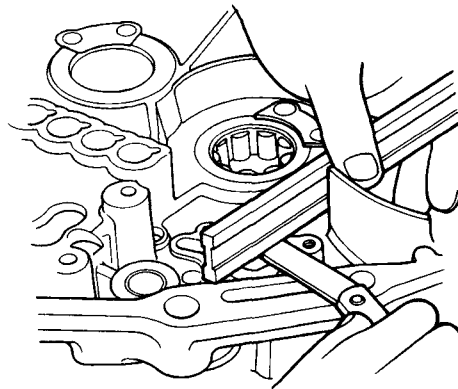
- If the clearance is more than the service limit, replace the oil pump inner rotor and oil pump outer rotor.

3. Check the clearance between the clutch housing and the oil pump rotor.

Clutch Housing-to-outer Rotor Clearance

Standard: 0.03 — 0.13 mm (0.001 — 0.005 in)

Service Limit: 0.18 mm (0.007 in)



- If the clearance is more than the service limit, replace the oil pump inner rotor and oil pump outer rotor, or clutch housing.