

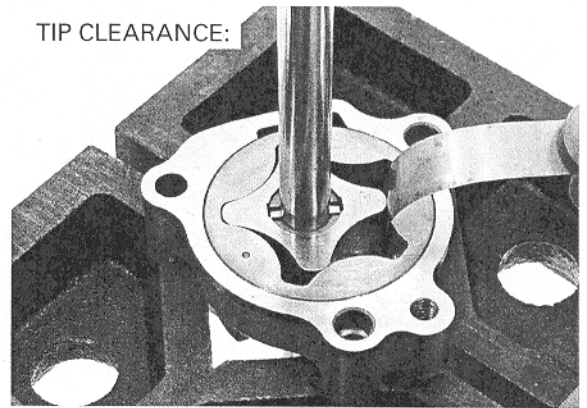
INSPECTION

If any portion of the oil pump is worn beyond the service limit, replace the oil pump as an assembly.

Temporarily install the outer and inner rotors into the oil pump body.
Temporarily install the drive pin and oil pump shaft.
Measure the rotor tip clearance.

SERVICE LIMIT: 0.20 mm (0.008 in)

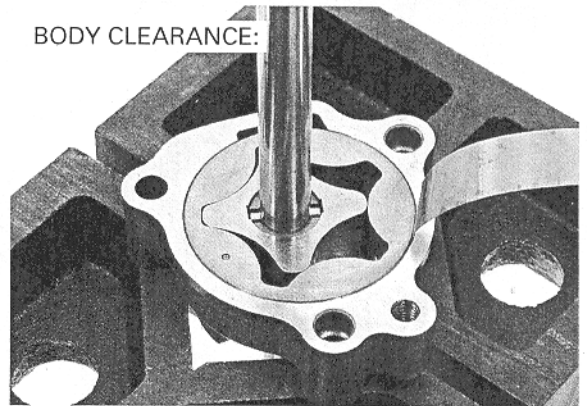
TIP CLEARANCE:



Measure the pump body clearance.

SERVICE LIMIT: 0.35 mm (0.014 in)

BODY CLEARANCE:



Measure the side clearance using a straight edge and feeler gauge.

SERVICE LIMIT: 0.17 mm (0.007 in)

SIDE CLEARANCE:

