

## LUBRICATION SYSTEM

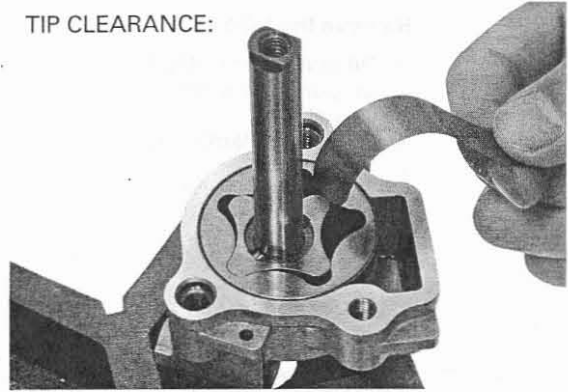
### INSPECTION

*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)**

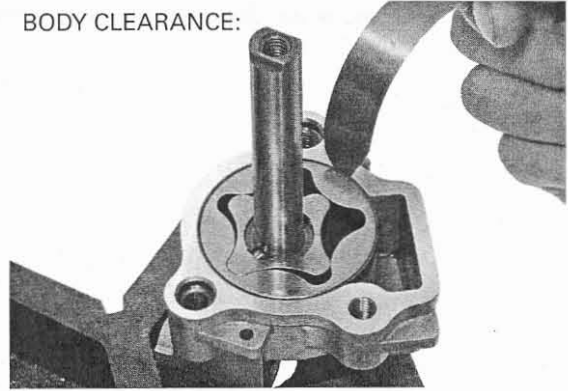
TIP CLEARANCE:



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:

