

INSPECTION

1. CHECK DRIVEN ROTOR BODY CLEARANCE

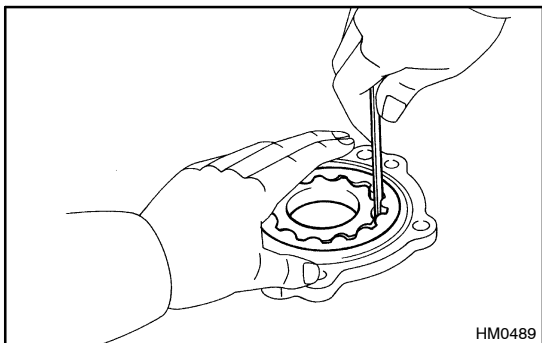
- Push the driven rotor to one side of the cover.
- Using a feeler gauge, measure the clearance.

Standard clearance:

0.075–0.170 mm (0.0030 –0.0067 in.)

Maximum clearance: 0.170 mm (0.0067 in.)

If the clearance exceeds the maximum, replace the driven rotor or pump cover.



2. CHECK BOTH ROTOR TIP CLEARANCE

Using a feeler gauge, measure the clearance between both rotor tips.

Standard clearance:

0.10–0.22 mm (0.0039 –0.0087 in.)

Maximum clearance: 0.22 mm (0.0087 in.)

If the clearance exceeds the maximum, replace the drive rotor or driven rotor.