

## INSPECTION

### 1. INSPECT DRIVEN ROTOR BODY CLEARANCE

- (a) Install the driven rotor and drive rotor.
- (b) Using a feeler gauge, measure the body clearance between the driven rotor and oil pump body.

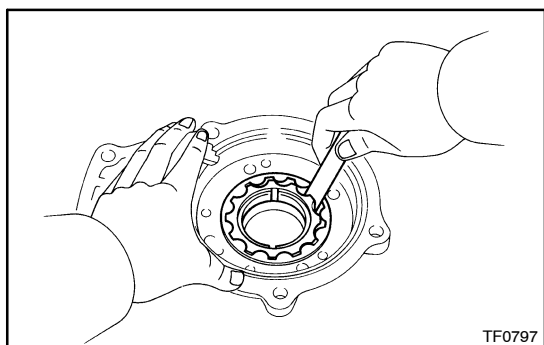
**Standard clearance:**

**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 and oil pump body.



### 2. INSPECT DRIVEN ROTOR TIP CLEARANCE

Using a feeler gauge, measure the tip clearance between the driven rotor and drive rotor.

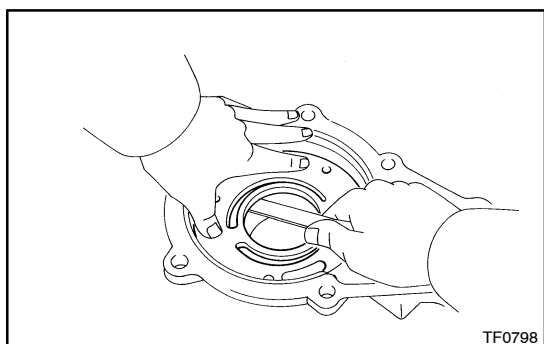
**Standard clearance:**

**0.10 – 0.22 mm (0.0039 – 0.0087 in.)**

**Maximum clearance:**

**0.22 mm (0.0087 in.)**

If the tip clearance exceeds the maximum, replace the driven rotor and drive rotor.



### 3. INSPECT OIL PUMP PLATE AND BOTH ROTORS THRUST CLEARANCE

Using a feeler gauge, measure the thrust clearance between the oil pump plate, drive rotor and driven rotor.

**Standard clearance:**

**0.03 – 0.13 mm (0.0018 – 0.0051 in.)**

**Maximum clearance:**

**0.13 mm (0.0051 in.)**

If the clearance exceeds the maximum, replace the oil pump plate, drive rotor and driven rotor.