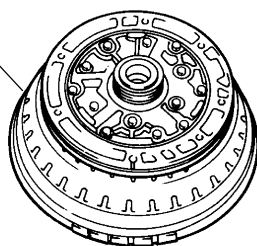


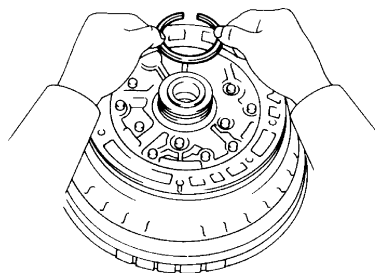
Torque Converter  
Clutch

D01281

## DISASSEMBLY

### 1. USE TORQUE CONVERTER CLUTCH AS WORK STAND

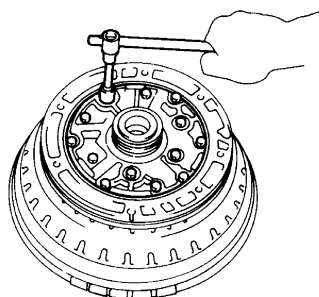
Place the oil pump body on the torque converter clutch.



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### 2. REMOVE OIL SEAL RING

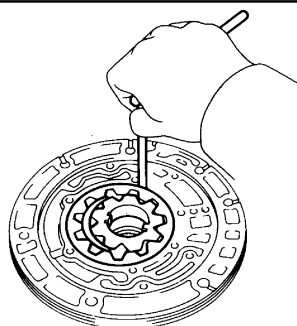
Remove the 2 oil seal rings.



D01283

### 3. REMOVE STATOR SHAFT

- Remove the 13 bolts, and then remove the stator shaft from the oil pump body.
- Remove the oil pump body from the torque converter clutch.



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### 4. CHECK BODY CLEARANCE OF DRIVEN GEAR

Push the driven gear to one side of the body.

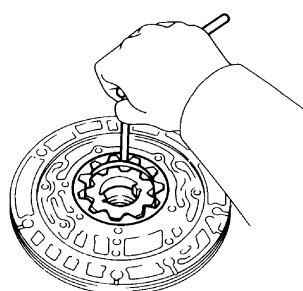
Using a feeler gauge, measure the clearance.

**Standard body clearance:**

**0.07 – 0.15 mm (0.0028 – 0.0059 in.)**

**Maximum body clearance: 0.3 mm (0.012 in.)**

If the body clearance is greater than the maximum, replace the drive gear, driven gear or pump body.



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### 5. CHECK TIP CLEARANCE OF DRIVEN GEAR

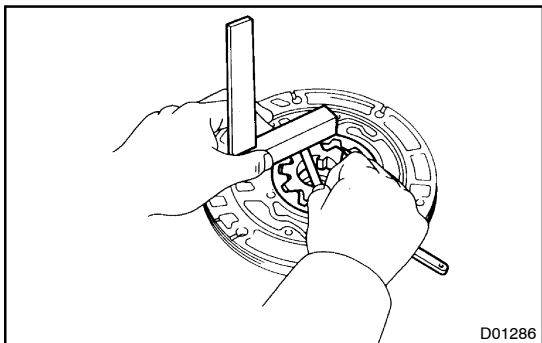
Using a feeler gauge, measure the clearance between the driven gear teeth and the crescent-shaped part of the pump body.

**Standard tip clearance:**

**0.11 – 0.14 mm (0.0043 – 0.0055 in.)**

**Maximum tip clearance: 0.3 mm (0.012 in.)**

If the tip clearance is greater than the maximum, replace the drive gear, driven gear or pump body.

**6. CHECK SIDE CLEARANCE OF BOTH GEARS**

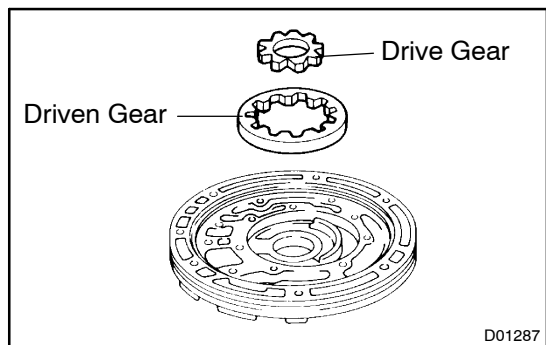
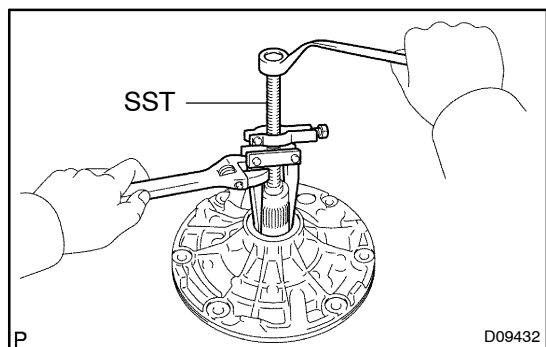
Using a steel straight edge and feeler gauge, measure the side clearance of both gears.

**Standard side clearance:**

**0.02 – 0.04 mm (0.0008 – 0.0016 in.)**

**Maximum side clearance: 0.1 mm (0.004 in.)**

If the side clearance is greater than the maximum, replace the drive gear, driven gear or pump body.

**7. REMOVE OIL PUMP DRIVE GEAR AND DRIVEN GEAR****8. REMOVE OIL SEAL**

Using SST, remove the oil seal.

SST 09308-10010, 09950-60010 (09951-00300)