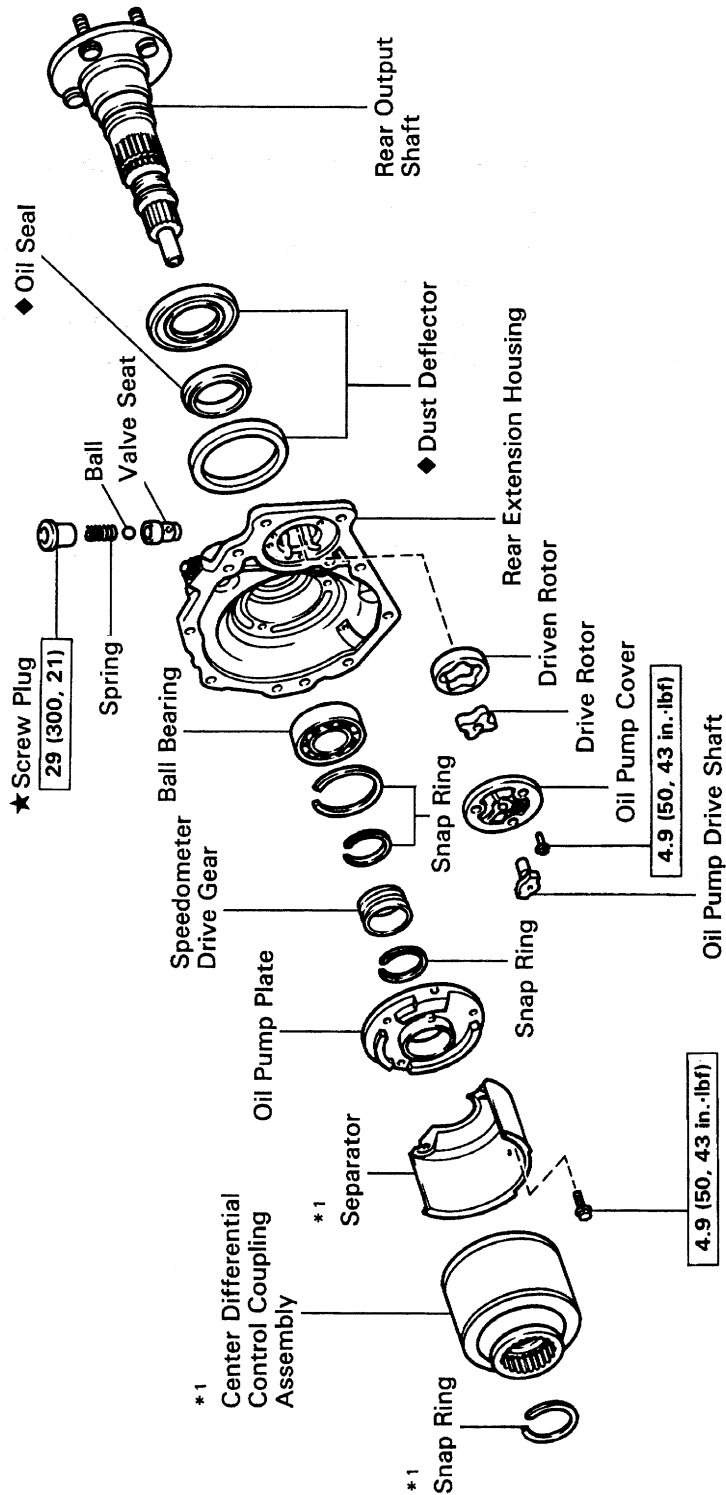


REAR EXTENSION HOUSING ASSEMBLY COMPONENTS

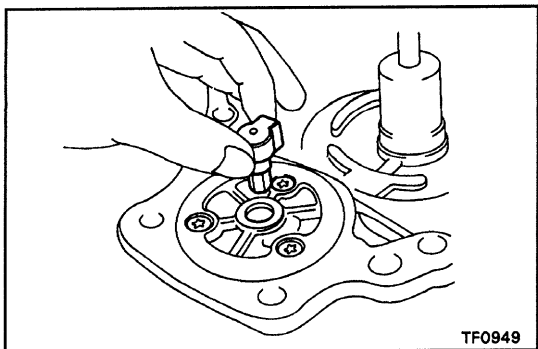


[N·m (kgf·cm, ft·lbf)] : Specified torque

◆ Non-reusable part

★ Precoated part

*1 w/ ABS



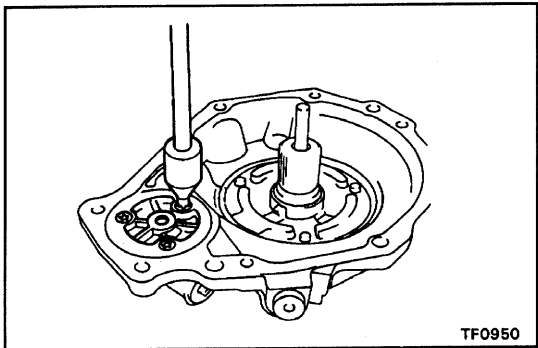
TF0949

REAR EXTENSION HOUSING DISASSEMBLY

1. REMOVE OIL PUMP DRIVE SHAFT

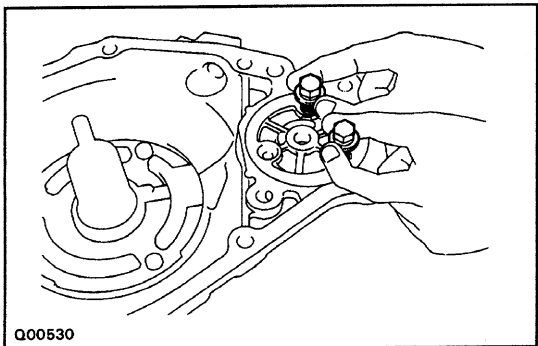
2. REMOVE OIL PUMP COVER

- (a) Using a torx socket wrench, remove the 3 screws.
(Torx socket wrench T30 09042-00010)



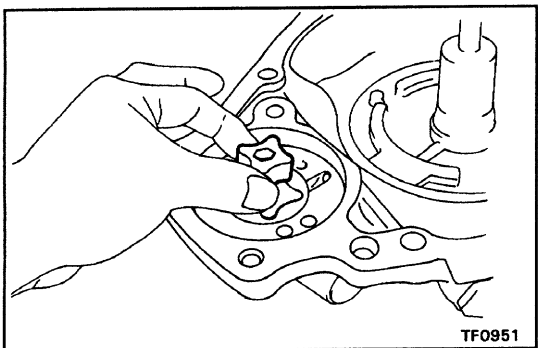
TF0950

- (b) Install 2 suitable bolts to the pump cover.
(c) Remove the pump cover from rear extension housing.



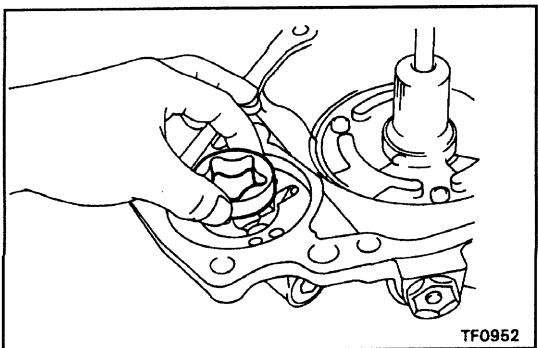
Q00530

3. REMOVE DRIVE ROTOR

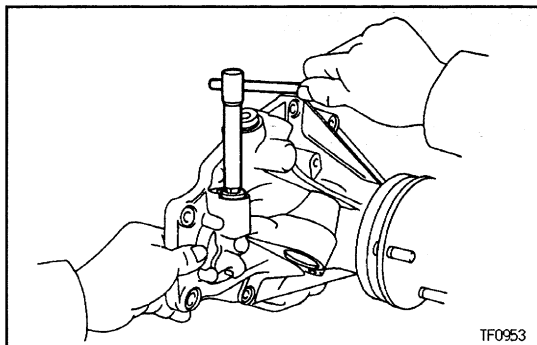


TF0951

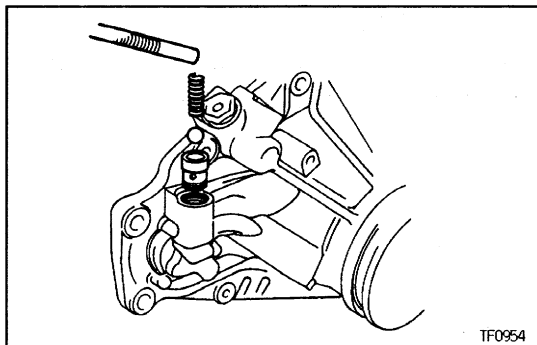
4. REMOVE DRIVEN ROTOR



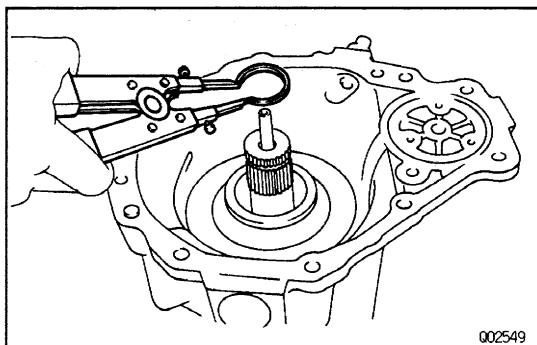
TF0952

**5. REMOVE SCREW PLUG, SPRING, BALL AND VALVE SEAT**

(a) Using a hexagon wrench, remove the screw plug.

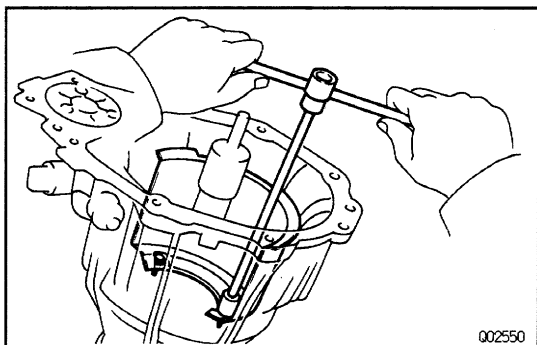


(b) Using a magnetic finger, remove the spring, ball and valve seat.

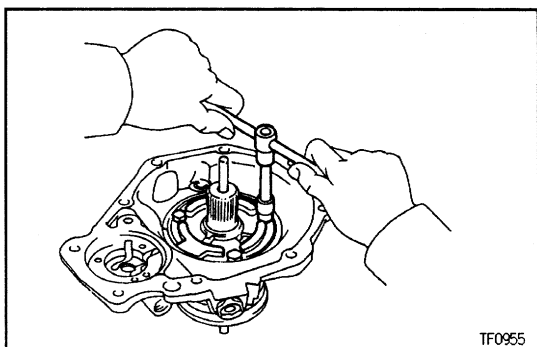
**6. w/ ABS:****REMOVE CENTER DIFFERENTIAL CONTROL COUPLING ASSEMBLY**

(a) Using a snap ring expander, remove the snap ring.

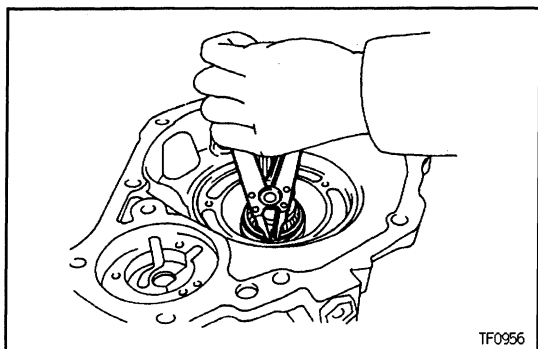
(b) Remove the coupling assembly.

**7. w/ ABS:****REMOVE SEPARATOR AND OIL PUMP PLATE**

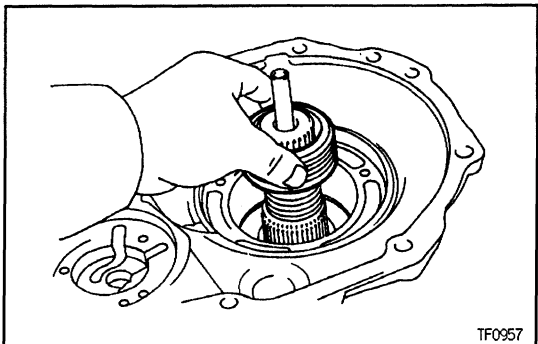
Remove the 3 bolts, the separator and the oil pump plate.

**8. w/o ABS:****REMOVE OIL PUMP PLATE**

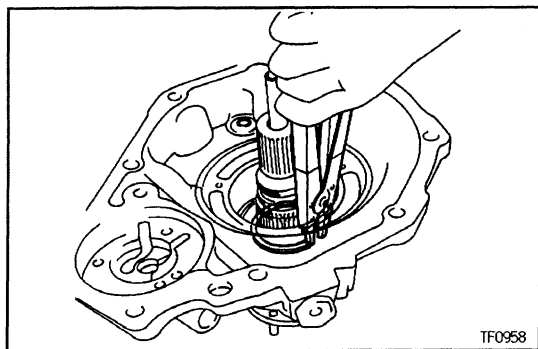
Remove the 3 bolts and the oil pump plate.

**9. REMOVE SPEED METER DRIVE GEAR**

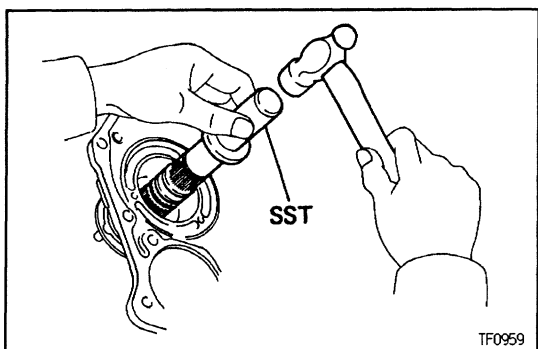
(a) Using a snap ring expander, remove the snap ring.



(b) Remove the speedometer drive gear.

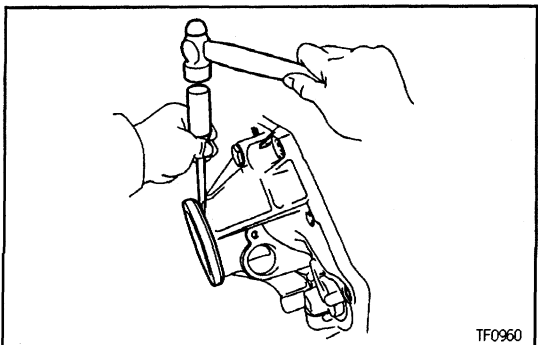
**10. REMOVE REAR OUTPUT SHAFT**

(a) Using a snap ring expander, remove the snap ring.

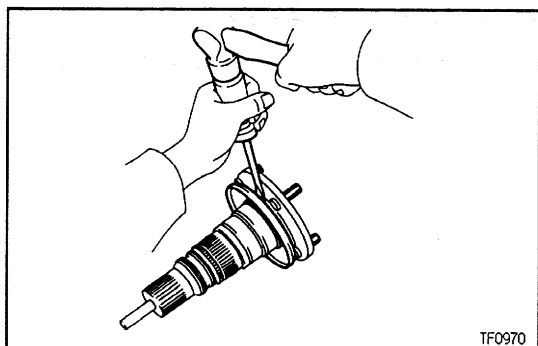


(b) Using SST and a hammer, remove the rear output shaft.

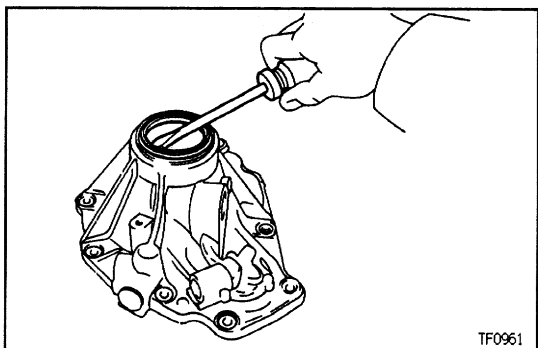
SST 09325-12010

**11. REMOVE DUST DEFLECTORS**

(a) Using a screwdriver and hammer, remove the rear extension housing dust deflector.

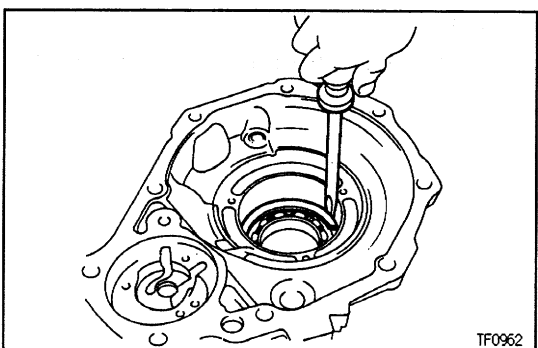


- (b) Using a screwdriver and hammer, remove the rear output shaft dust deflector.



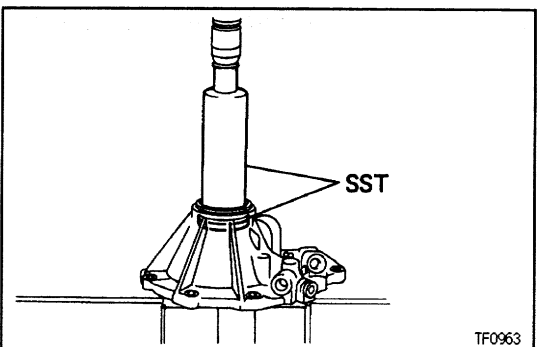
12. REMOVE OIL SEAL

Using a screwdriver, pry out the oil seal.

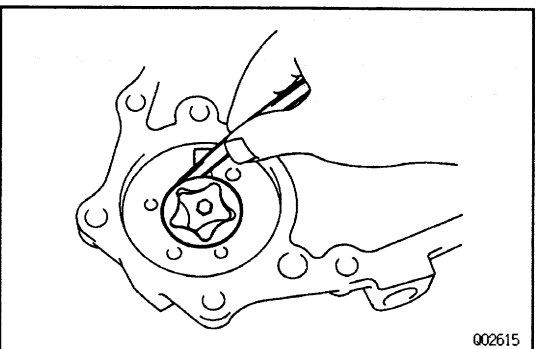


13. REMOVE BALL BEARING

- (a) Using a screwdriver, remove the snap ring.



- (b) Using SST and a press, remove the ball bearing.
SST 09316-60010 (09316-00010, 09316-00020)



OIL PUMP INSPECTION

1. CHECK BODY CLEARANCE OF DRIVEN ROTOR

Install the drive rotor to the driven rotor.

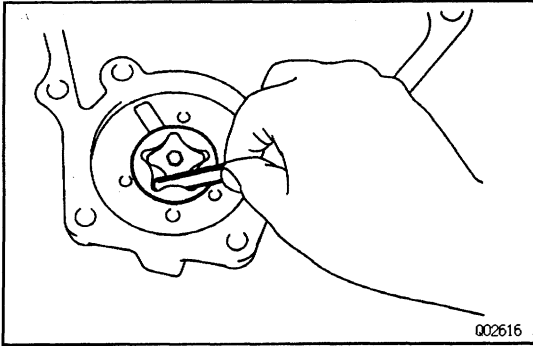
Using a feeler gauge, measure body clearance between drive rotor and extension housing.

Standard body clearance:

0.08-0.17 mm (0.0031 - 0.0067 in.)

Maximum body clearance:**0.17 mm (0.0067 in.)**

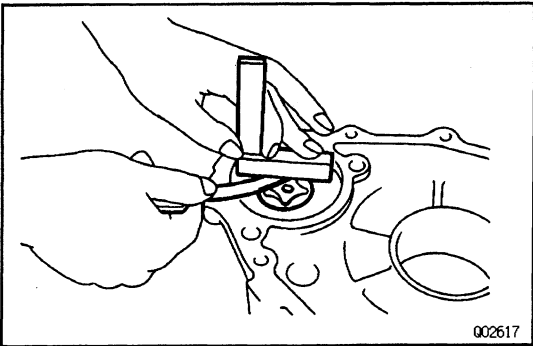
If the body clearance is greater than the maximum, replace the drive rotor or driven rotor.

**2. CHECK DRIVEN ROTOR TIP CLEARANCE**

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

Standard tip clearance:**0.05–0.15 mm (0.0020 – 0.0059 in.)****Maximum tip clearance:****0.15 mm (0.0059 in.)**

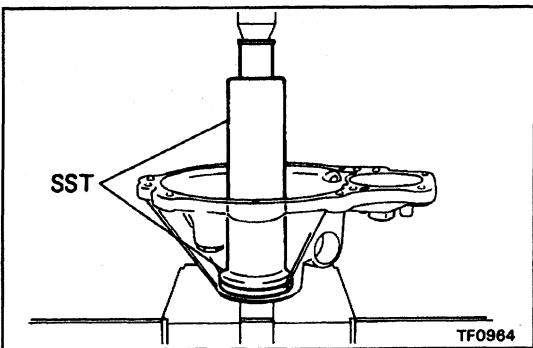
If the tip clearance is greater than the maximum, replace the drive rotor or driven rotor.

**3. CHECK OIL PUMP SIDE CLEARANCE**

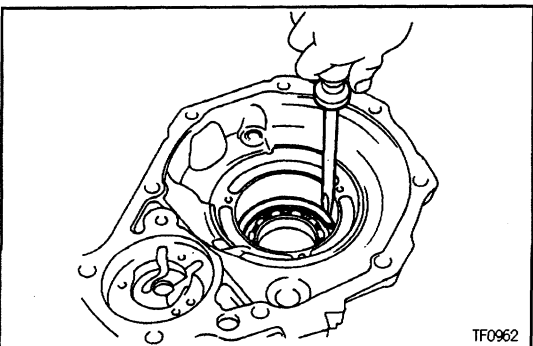
Using a steel straight edge and a feeler gauge, measure the side clearance of oil pump.

Standard side clearance:**0.03–0.10 mm (0.0012 – 0.0039 in.)****Maximum side clearance:****0.10 mm (0.0039 in.)**

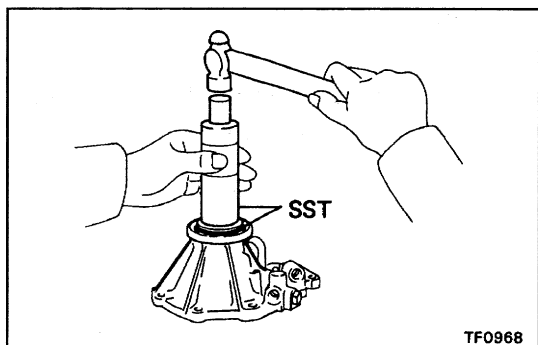
If the side clearance greater than the maximum, replace the drive rotor or driven rotor.

**REAR EXTENSION HOUSING ASSEMBLY****1. INSTALL BALL BEARING**

(a) Using SST and a press, install the ball bearing.
SST 09316-60010 (09316-00010, 09316-00030)



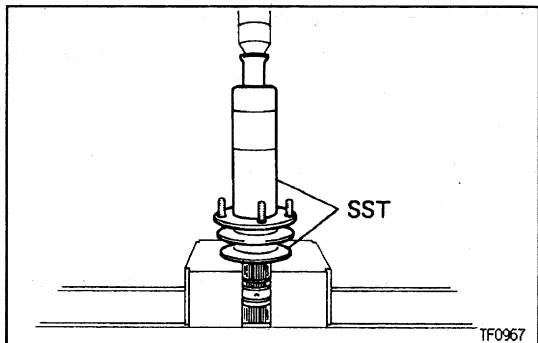
(b) Using a screwdriver, install the snap ring.



2. INSTALL DUST DEFLECTORS

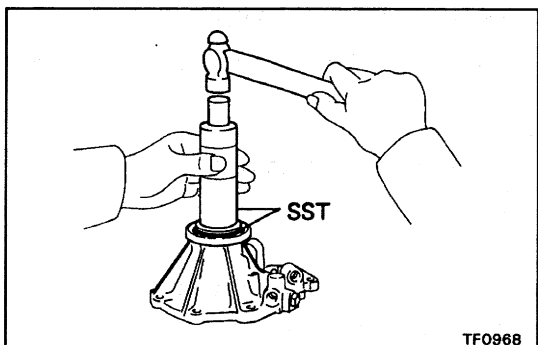
(a) Using SST and a hammer, install a new rear extension housing dust deflector.

SST 09316-60010 (09316-00010, 09316-00040)



(b) Using SST and a press, install a new rear extension housing dust deflector.

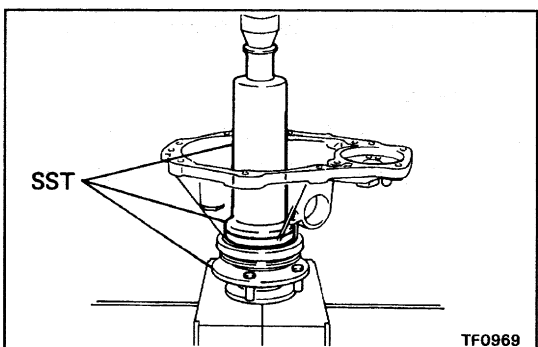
SST 09316-20011, 09316-60010 (09316-00010)



3. INSTALL OIL SEAL

Using SST and a hammer, drive in a new oil seal.

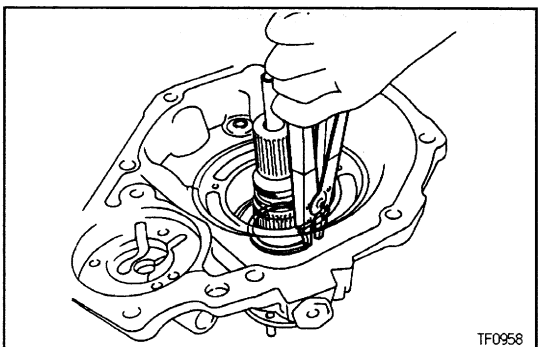
SST 09316-60010 (09316-00010, 09316-00030)



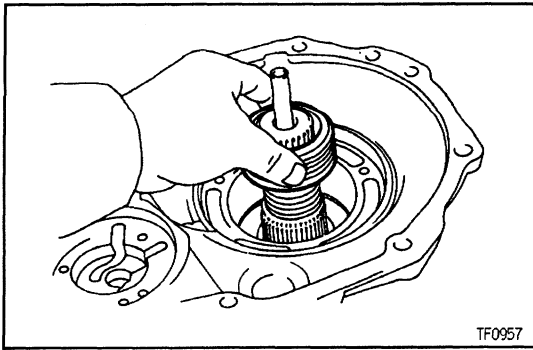
4. INSTALL REAR OUTPUT SHAFT

(a) Using SST and a press, install the rear output shaft.

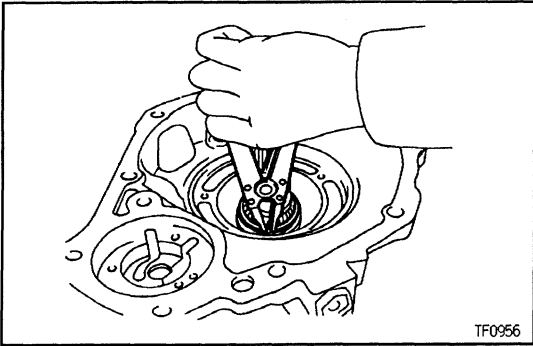
SST 09316 - 20011, 09316 - 60010 (09316 - 00010, 09316-00030)



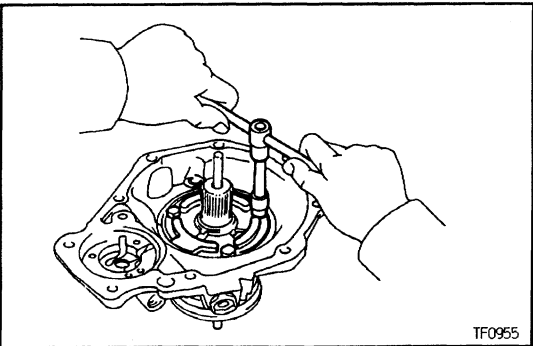
(b) Using a snap ring expander, install the snap ring.

**5. INSTALL SPEEDOMETER DRIVE GEAR**

- (a) Install the speedometer drive gear.

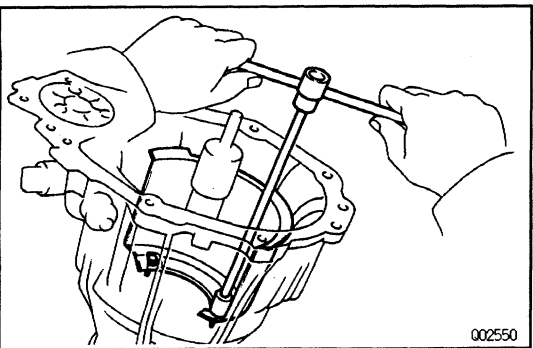


- (b) Using a snap ring expander, install the snap ring.

**6. w/o ABS:****INSTALL OIL PUMP PLATE**

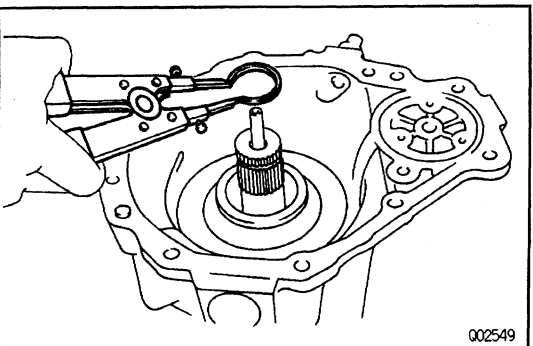
- (a) Install the oil pump plate.
(b) Install and torque the 3 bolts.

Torque: 4.9 N-m (50 kgf-cm, 43 in.·lbf)

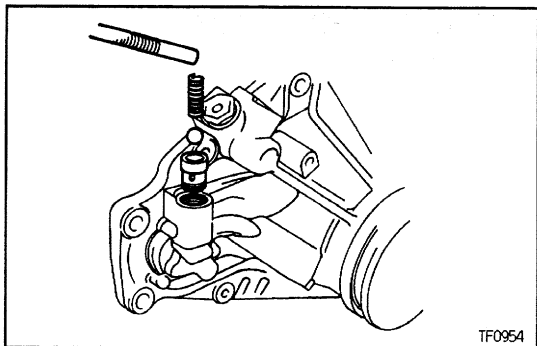
**7. w/ ABS:****INSTALL OIL PUMP PLATE SEPARATOR**

- (a) Install the oil pump plate.
(b) Install the separator.
(c) Install and torque the 3 bolts.

Torque: 4.9 N-m (50 kgf-cm, 43 in.·lbf)

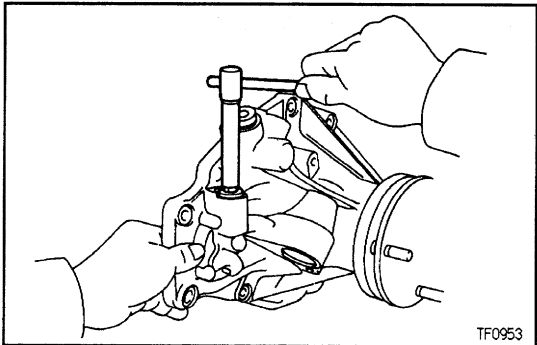
**8. w/ ABS:****INSTALL CENTER DIFFERENTIAL CONTROL COUPLING ASSEMBLY**

- (a) Install the coupling assembly.
(b) Using a snap ring expander, install the snap ring.



9. INSTALL VALVE SEAT, BALL. SPRING AND SCREW PLUG

- (a) Apply gear oil to the ball.
- (b) Install the valve seat, ball and spring.



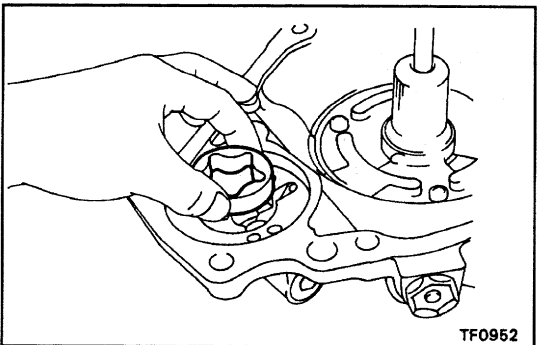
- (c) Apply liquid sealer to the screw plug.

Sealant:

Part No. 08833-00080, THREE BOND 1344, LOC-TITE 242 or equivalent

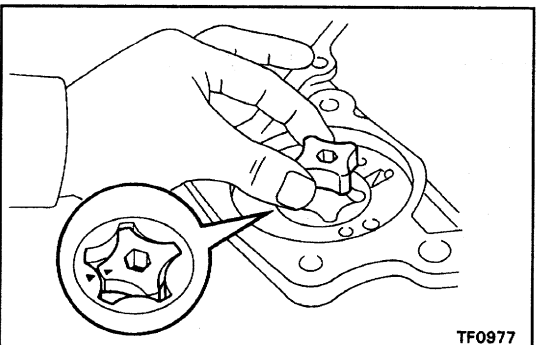
- (d) Using a hexagon wrench, install and torque the screw plug.

Torque: 29 N-m (300 kgf-cm, 21 ft-lbf)



10. INSTALL DRIVEN ROTOR

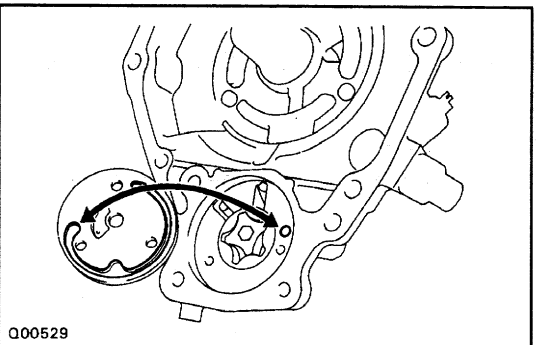
- (a) Apply gear oil to the driven rotor.
- (b) Install the driven rotor.



11. INSTALL DRIVE ROTOR

- (a) Apply gear oil to the drive rotor.
- (b) Install the drive rotor.

HINT: Align the alignment marks.



12. INSTALL OIL PUMP COVER

- (a) Install the oil pump cover.
- (b) Using a torx socket wrench, install and torque the 3 screws.

(Torx socket wrench T30 09042-00010)

Torque: 4.9 N-m (50 kgf-cm, 43 in.-lbf)

NOTICE: Align the oil hole of the rear extension housing and oil groove end of the oil pump cover.