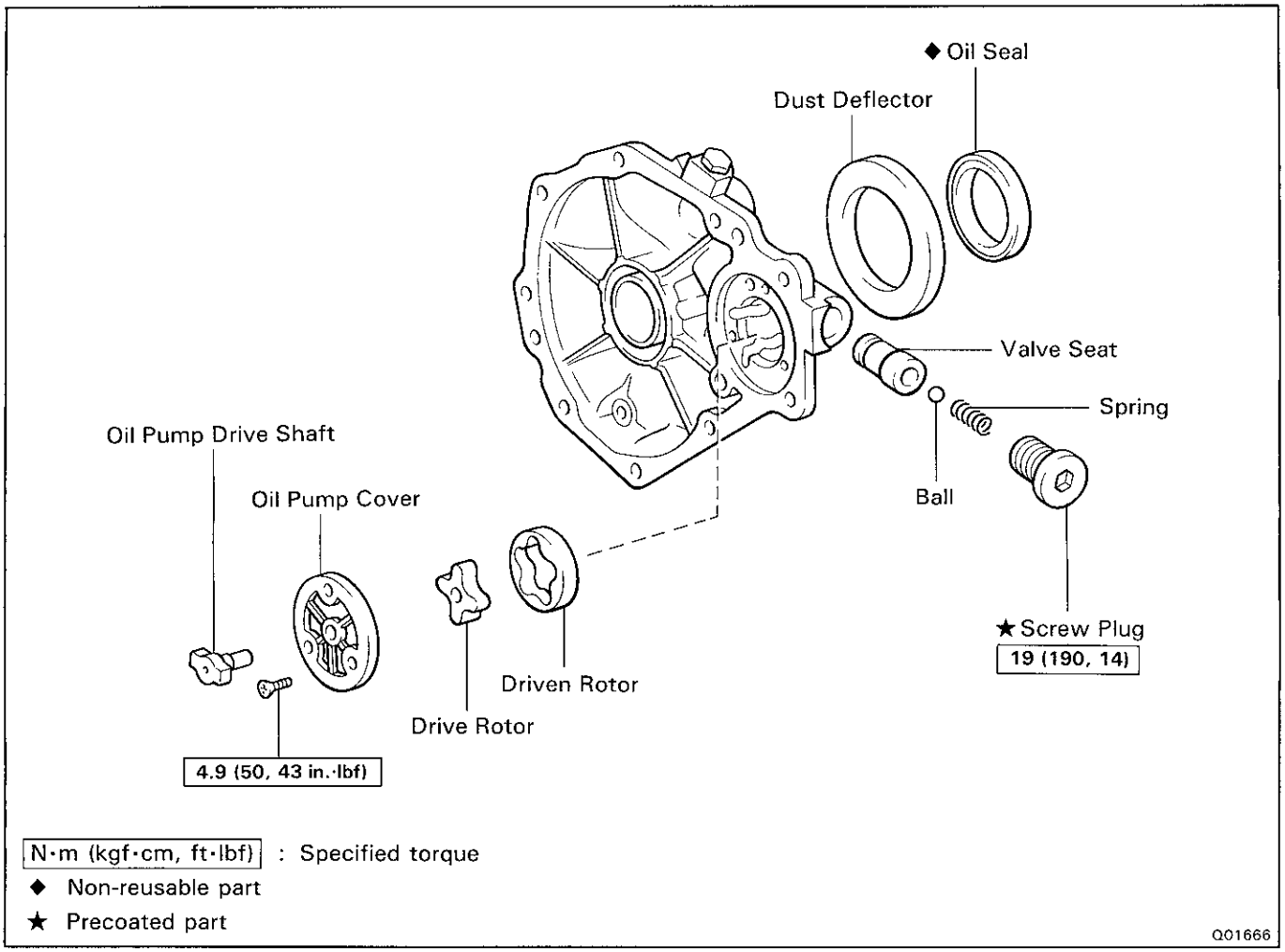
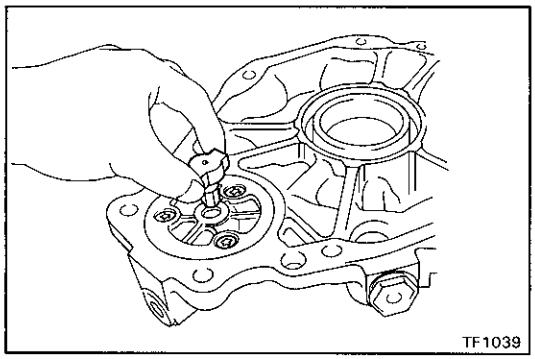
Rear Extension Housing Assembly

COMPONENTS



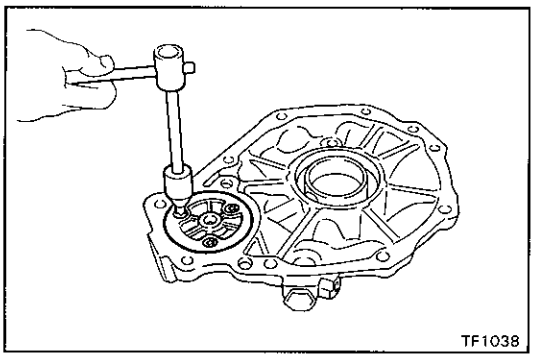
N·m (kgf·cm, ft·lbf) : Specified torque
◆ Non-reusable part
★ Precoated part

Q01666



DISASSEMBLY OF REAR EXTENSION HOUSING ASSEMBLY

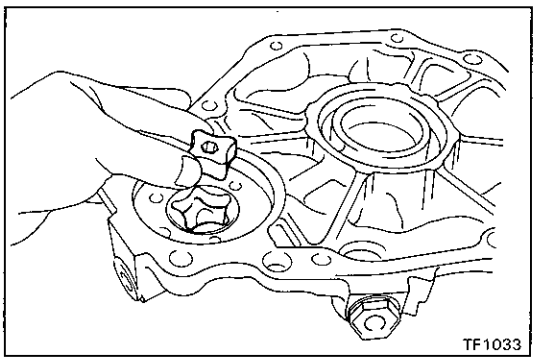
1. REMOVE OIL PUMP DRIVE SHAFT



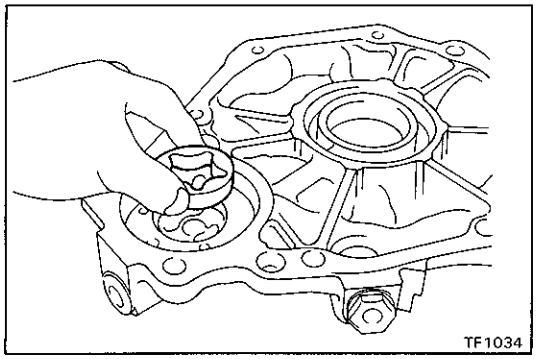
2. REMOVE OIL PUMP COVER

Using a torx socket wrench, remove the three screws and oil pump cover.

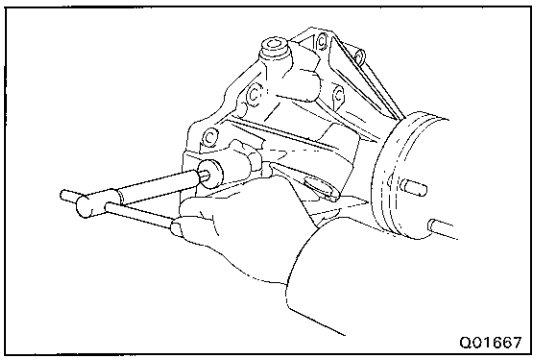
(Torx socket wrench T30 09042-00010)



3. **REMOVE DRIVE ROTOR**

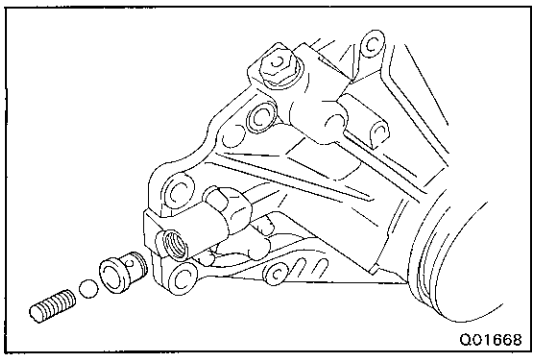


4. **REMOVE DRIVEN ROTOR**

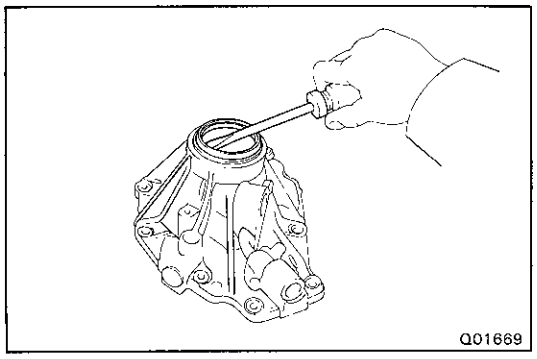


5. **REMOVE SCREW PLUG, SPRING, BALL AND VALVE SEAT**

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

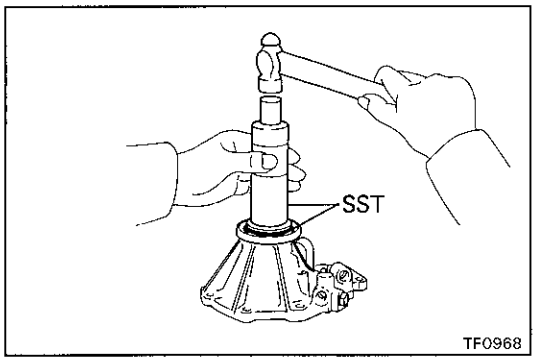


(b) Using a magnetic finger, remove the spring, ball and valve seat.



6. **REMOVE OIL SEAL**

Using a screwdriver, pry out the oil seal.

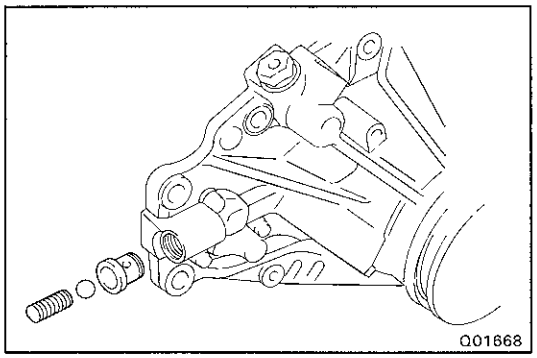


ASSEMBLY OF REAR EXTENSION HOUSING ASSEMBLY

1. **INSTALL DUST DEFLECTORS**

Using SST and a hammer, install the dust deflector.

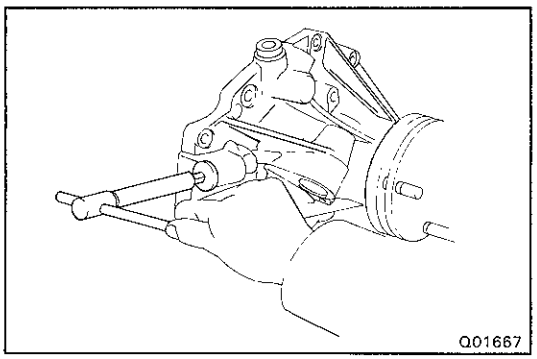
SST 09316-60010 (09316-00010, 09316-00040)



2. **INSTALL VALVE SEAT, BALL, SPRING AND SCREW PLUG**

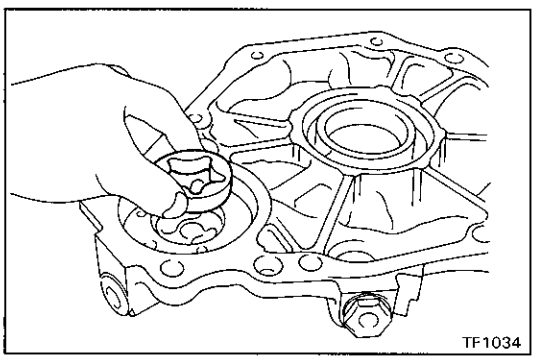
(a) Apply gear oil to the ball.

(b) Install the valve seat, ball and spring.



(c) Install and torque the screw plug.

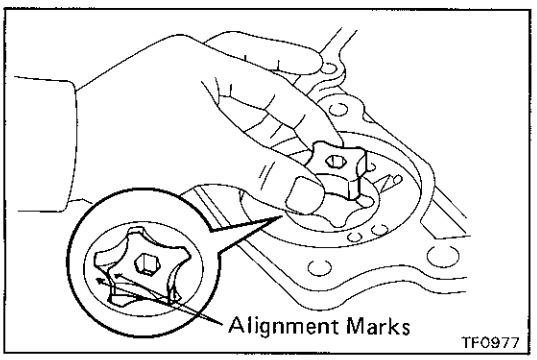
Torque: 19 N·m (190 kgf·cm, 14 ft·lbf)



3. **INSTALL DRIVEN ROTOR**

(a) Apply gear oil to the driven rotor.

(b) Install the driven rotor.

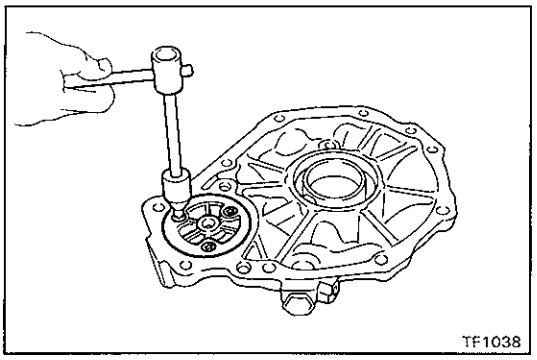


4. **INSTALL DRIVE ROTOR**

(a) Apply gear oil to the drive rotor.

(b) Install the drive rotor.

HINT: Align the alignment marks.



5. **INSTALL OIL PUMP COVER**

(a) Install the oil pump cover.

(b) Install and torque the three bolts.

(Torx socket wrench T30 09042-00010)

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