TRANSMISSION WIRE (A750F)

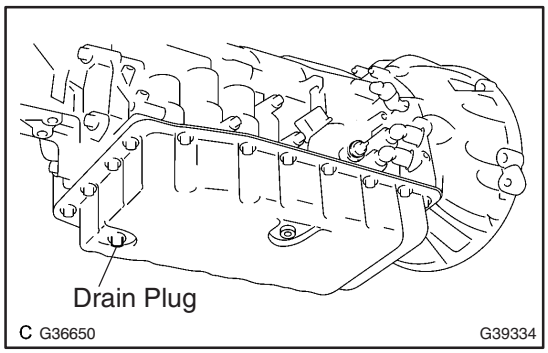
401H6–01

REPLACEMENT

CAUTION:

When working with FIPG material, perform the following:

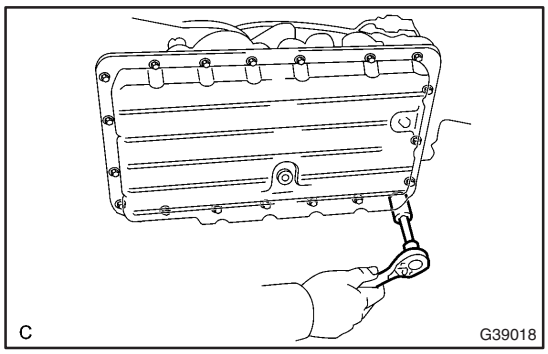
- **Using a gasket scraper, remove all the old FIPG material from the gasket surfaces.**
- **Thoroughly clean all components to remove any loose material.**
- **Clean both sealing surfaces with a non–residue solvent.**
- **Apply FIPG in a continuous line (width approximately 1 mm (0.04 in)) along the sealing surface.**
- **Parts must be assembled within 10 minutes of application. Otherwise, the FIPG material must be removed and reapplied.**



1. DRAIN AUTOMATIC TRANSMISSION FLUID

(a) Remove the drain plug and gasket, and drain the ATF.

(b) Install a new gasket and the drain plug.
Torque: 28 N·m (285 kgf·cm, 21 ft·lbf)



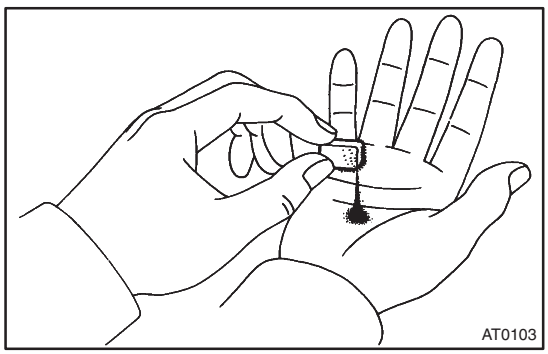
2. REMOVE TRANSMISSION OIL PAN SUB–ASSY

NOTICE:

Some fluid will remain in the oil pan.

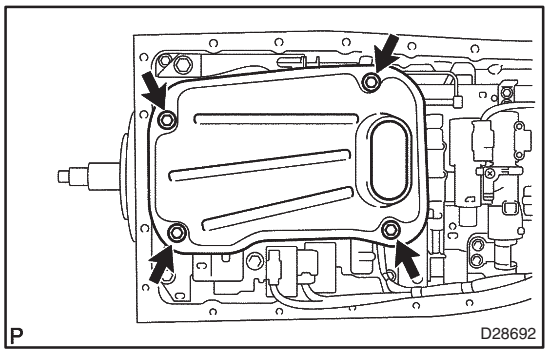
(a) Remove the 20 bolts.

(b) Remove the oil pan gasket.



(c) Examine particles in the pan.

(1) Remove the magnets and use them to collect steel particles. Carefully look at the foreign matter and particles in the pan and on the magnets to anticipate the type of wear which might be found in the transmission.
Steel (magnetic) ... bearing, gear and clutch plate wear
Brass (non–magnetic) ... bushing wear

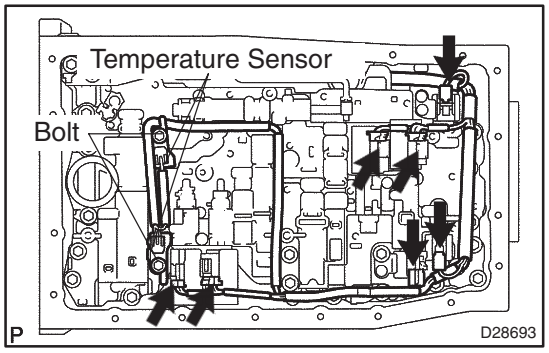


3. REMOVE OIL STRAINER ASSY

(a) Remove the 4 bolts and oil strainer.

NOTICE:

Be careful as some fluid will come out of the oil strainer.

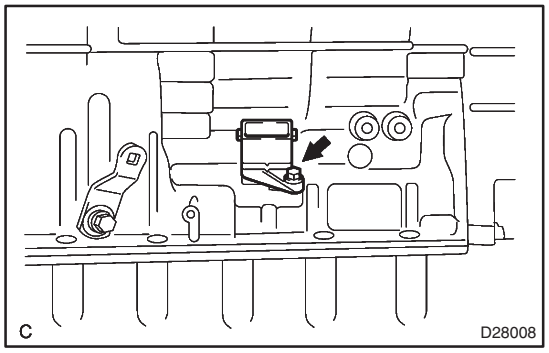


4. SEPARATE TRANSMISSION WIRE

(a) Disconnect the 7 solenoid connectors.

(b) Remove the 2 bolts and the 2 temperature sensor clamps from the valve body.

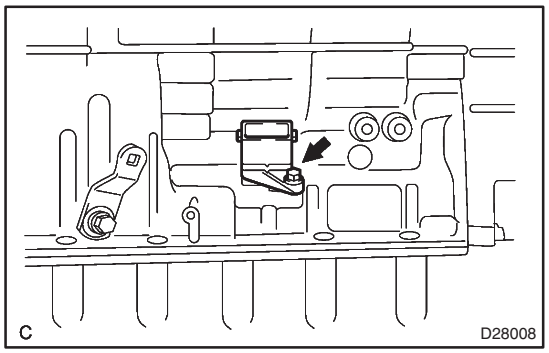
(c) Disconnect the 2 temperature sensors from the valve body.



5. REMOVE TRANSMISSION WIRE

(a) Disconnect the transmission wire connector.

(b) Remove the bolt and pull out the transmission wire.

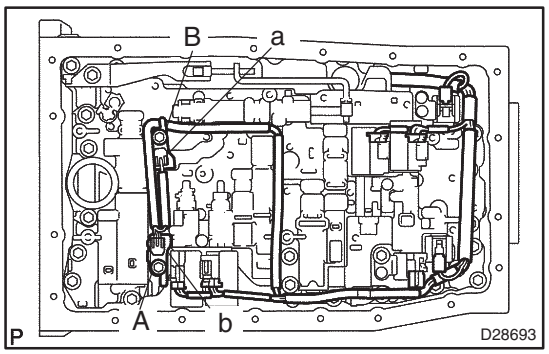


6. INSTALL TRANSMISSION WIRE

(a) Install the transmission wire with the bolt.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

(b) Connect the transmission wire connector.



7. CONNECT TRANSMISSION WIRE

(a) Connect the 7 connectors to the solenoid valves.

(b) Connect the 2 temperature sensors to the valve body, and install the 2 temperature sensor clamps with the 2 bolts.

Torque:

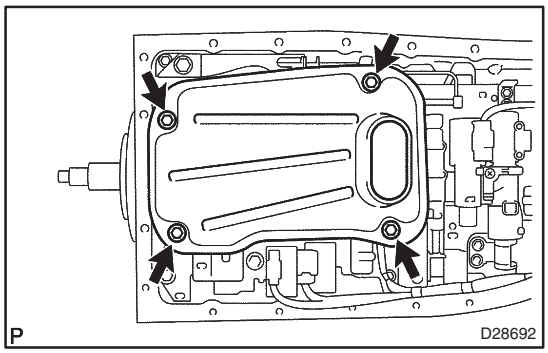
A: 11 N·m (110 kgf·cm, 8 in.·lbf)

B: 10 N·m (100 kgf·cm, 7 in.·lbf)

Wiring color:

a: Blue

b: Orange



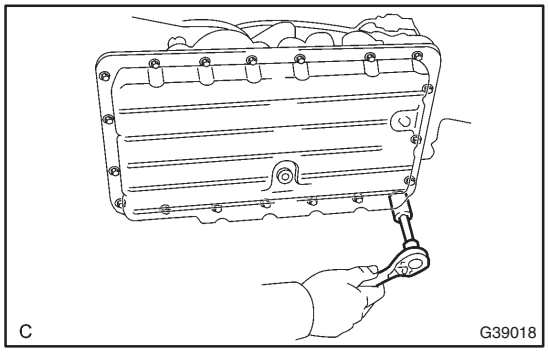
8. INSTALL OIL STRAINER ASSY

(a) Coat a new O–ring with ATF.

(b) Install the O–ring.

(c) Install the oil strainer with the 4 bolts.

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)



9. INSTALL TRANSMISSION OIL PAN SUB–ASSY

HINT:

Remove any packing material and be careful not to drop oil on the contacting surfaces of the transmission case and oil pan.

(a) Install a new gasket and the oil pan with the 20 bolts.

Torque: 4.4 N·m (45 kgf·cm, 39 in.·lbf)

10. ADD AUTOMATIC TRANSMISSION FLUID (SEE PAGE 40–2)

11. INSPECT AUTOMATIC TRANSMISSION FLUID (SEE PAGE 40–2)