

ATF TEMPERATURE SENSOR ON-VEHICLE REPAIR

AT13N-01

1. DRAIN AUTOMATIC TRANSMISSION FLUID

- Remove the drain plug and gasket, and drain the ATF.
- Install a new gasket and the drain plug.

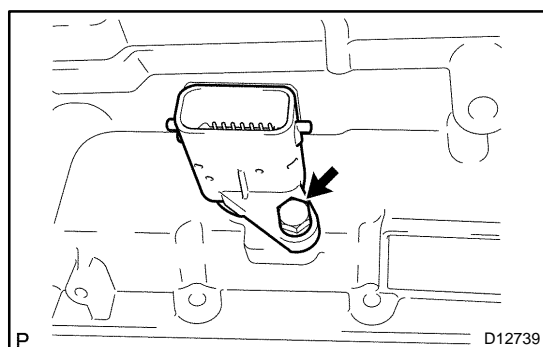
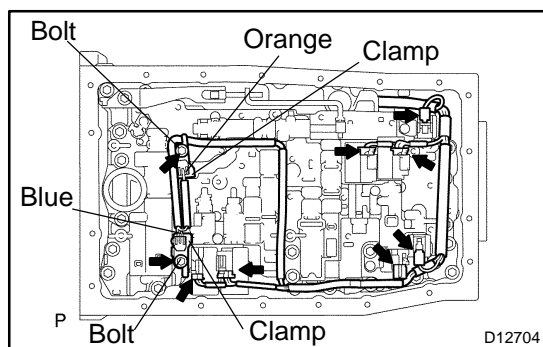
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

2. REMOVE OIL PAN (See page AT-12)

3. REMOVE OIL STRAINER (See page AT-12)

4. REMOVE ATF TEMPERATURE SENSOR

- Disconnect the 7 solenoid valve connectors.
- Remove the 2 bolts, clamps and ATF temperature sensors.



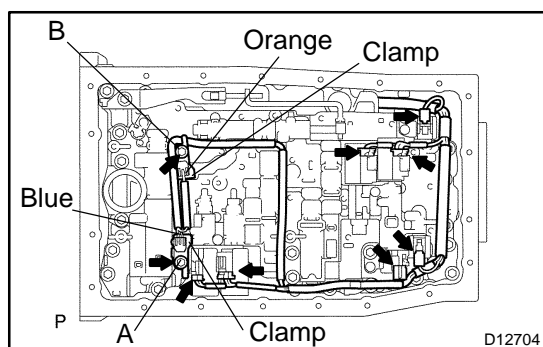
- Disconnect the transmission wire connector.
- Remove the bolt and the transmission wire harness.

5. INSTALL ATF TEMPERATURE SENSOR

- Install the transmission wire harness.
- Install the bolt.

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

- Connect the transmission wire connector.



- Connect the 7 solenoid valve connectors.
- Install the 2 ATF temperature sensors and clamps to the valve body with the 2 bolts.

HINT:

In order to install the ATF temperature sensors properly, check the wire harness color prior to installation.

Torque:

A: 11 N·m (112 kgf·cm, 8 ft·lbf)

B: 10 N·m (100 kgf·cm, 7 ft·lbf)

Bolt length:

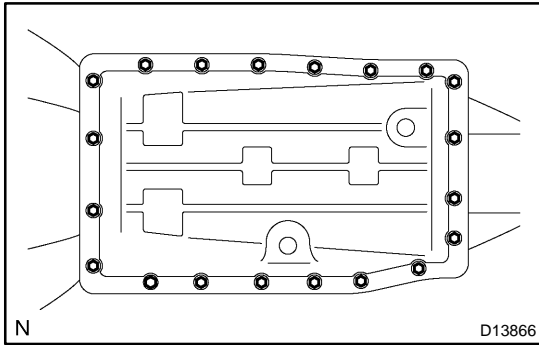
Bolt A: 36 mm (1.42 in.)

Bolt B: 12 mm (0.47 in.)

Sensor wire harness:

Wire harness	Color
for linear control	Orange
for oil temp. warning lamp	Blue

6. INSTALL OIL STRAINER (See page AT-12)



7. INSTALL OIL PAN

HINT:

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

Using a new gasket, install the oil pan with the 20 bolts.

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

8. FILL TRANSMISSION (See page [AT-4](#))