

TRANSMISSION WIRE

REMOVAL

CAUTION:

When working with FIPG material, you must observe the following guidelines.

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

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

2. DRAIN AUTOMATIC TRANSMISSION FLUID

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

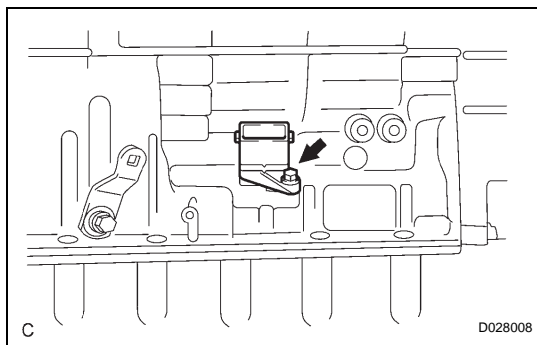
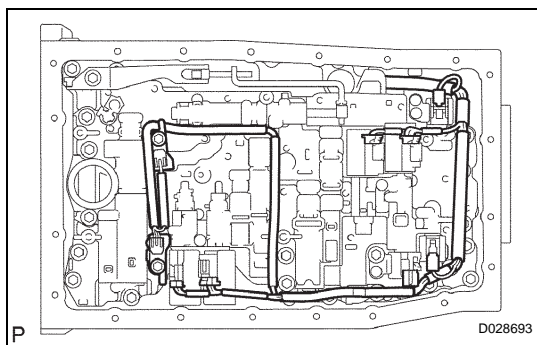
Torque: 28 N*m (285 kgf*cm, 21 ft.*lbf)

3. REMOVE AUTOMATIC TRANSMISSION OIL PAN SUB-ASSEMBLY (See page [AT-147](#))

4. REMOVE VALVE BODY OIL STRAINER ASSEMBLY (See page [AT-148](#))

5. SEPARATE TRANSMISSION WIRE

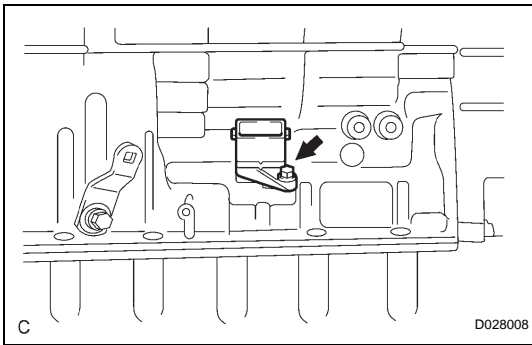
- (a) Remove the bolt and clamp.
- (b) Disconnect the ATF temperature sensor.
- (c) Disconnect the 7 connectors from the solenoid valves.



6. REMOVE TRANSMISSION WIRE

- (a) Disconnect the transmission wire connector.
- (b) Remove the bolt and pull out the transmission wire.

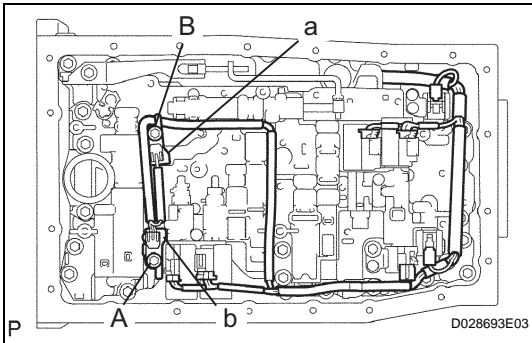
AT



INSTALLATION

1. 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.



2. CONNECT TRANSMISSION WIRE

- (a) Connect the 7 connectors to the solenoid valves.
- (b) Install the clamp with the bolt.

Torque: A

10 N*m (100 kgf*cm, 7 in.*lbf)

B

11 N*m (110 kgf*cm, 8 in.*lbf)

- (c) Connect the ATF temperature sensor.

Wiring color:

a: Orange

b: Blue

3. INSTALL VALVE BODY OIL STRAINER ASSEMBLY (See page [AT-149](#))

4. INSTALL AUTOMATIC TRANSMISSION OIL PAN SUB-ASSEMBLY (See page [AT-149](#))

5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

6. PERFORM INITIALIZATION

(See page [AT-17](#))

7. ADD AUTOMATIC TRANSMISSION FLUID

(See page [AT-139](#))