

# 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

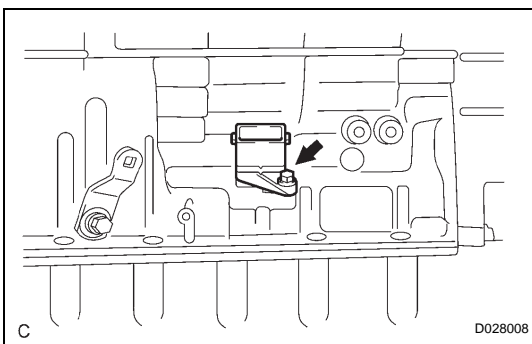
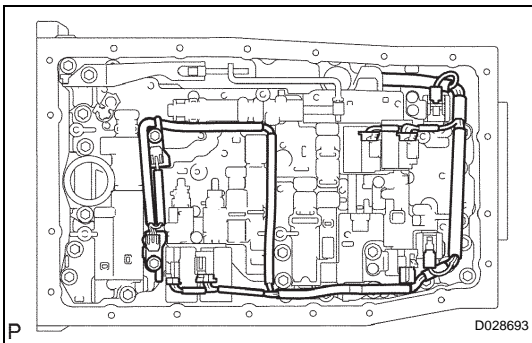
- (a) Remove the drain plug, gasket and drain ATF.
- (b) Install a new gasket and drain plug.  
Torque: 28 N\*m (285 kgf\*cm, 21 ft.\*lbf)

### 3. REMOVE AUTOMATIC TRANSMISSION OIL PAN SUB-ASSEMBLY (See page AT-144)

### 4. REMOVE VALVE BODY OIL STRAINER ASSEMBLY (See page AT-145)

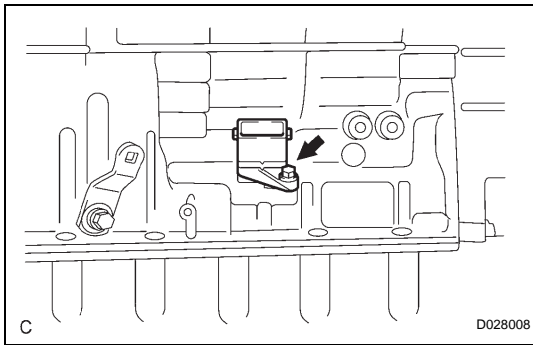
### 5. SEPARATE TRANSMISSION WIRE

- (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

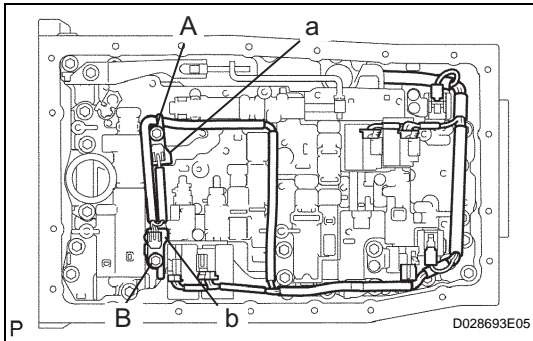
- (a) Disconnect the transmission wire connector.
- (b) Remove the bolt and pull out the transmission wire.



## 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-146](#))

### 4. INSTALL AUTOMATIC TRANSMISSION OIL PAN SUB-ASSEMBLY (See page [AT-146](#))

### 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-135](#))