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.
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
   \[10 \text{ N*m (100 kgf*cm, 7 in.*lbf)}\]
   B
   \[11 \text{ N*m (110 kgf*cm, 8 in.*lbf)}\]
   (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)