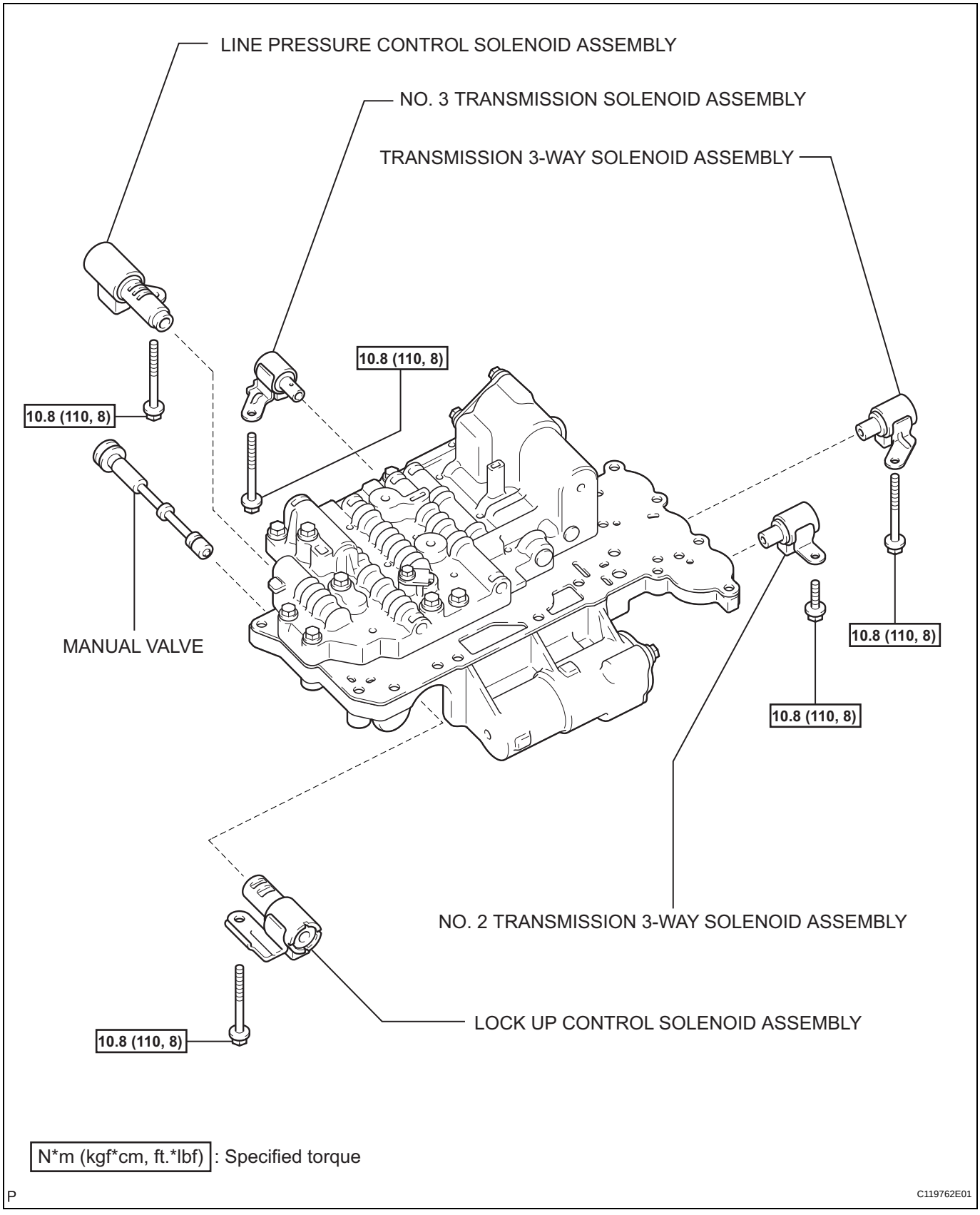
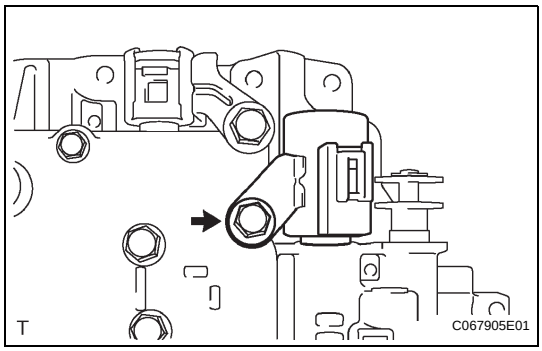
VALVE BODY

COMPONENTS



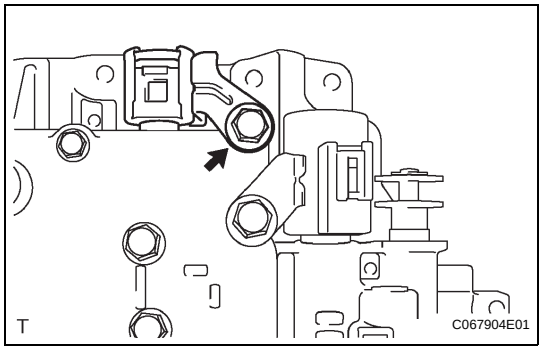
AX

DISASSEMBLY



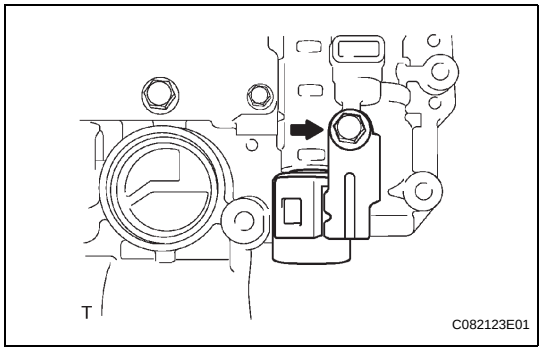
1. REMOVE SHIFT SOLENOID VALVE SLT

(a) Remove the bolt, and pull out the solenoid.



2. REMOVE SHIFT SOLENOID VALVE ST

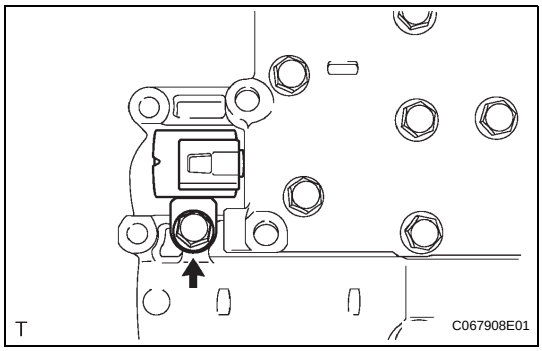
(a) Remove the bolt, and pull out the solenoid.



3. REMOVE SHIFT SOLENOID VALVE SL

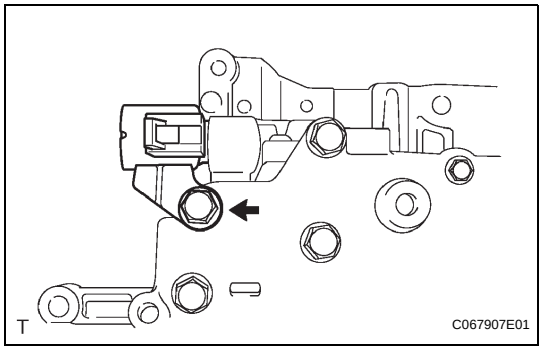
(a) Remove the bolt, and pull out the solenoid.

AX



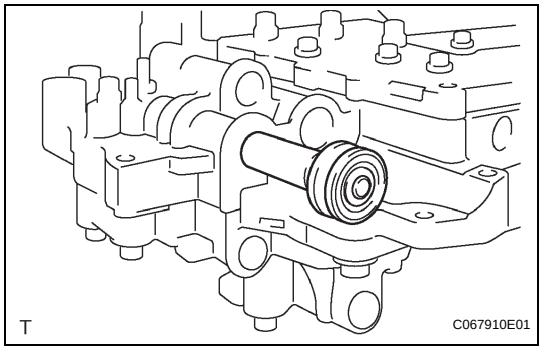
4. REMOVE SHIFT SOLENOID VALVE S2

(a) Remove the bolt, and pull out the 3-way solenoid.



5. REMOVE SHIFT SOLENOID VALVE S1

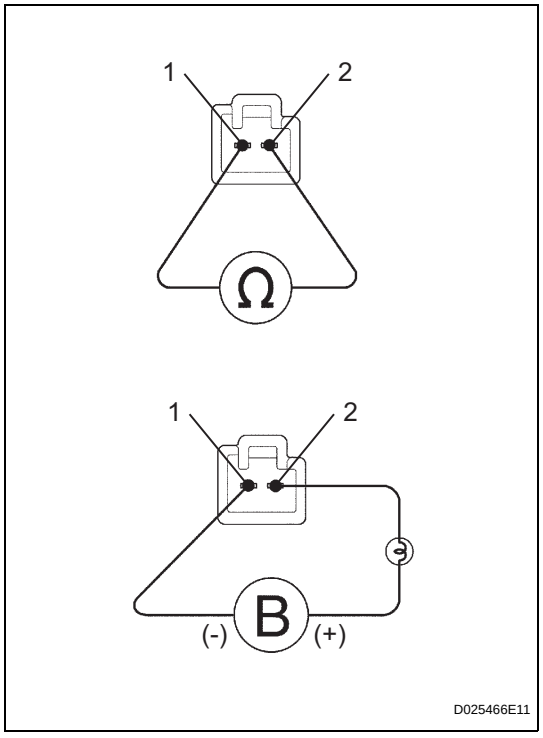
(a) Remove the bolt, and pull out the 3-way solenoid.



6. REMOVE MANUAL VALVE

(a) Remove the manual valve from the valve body.

INSPECTION

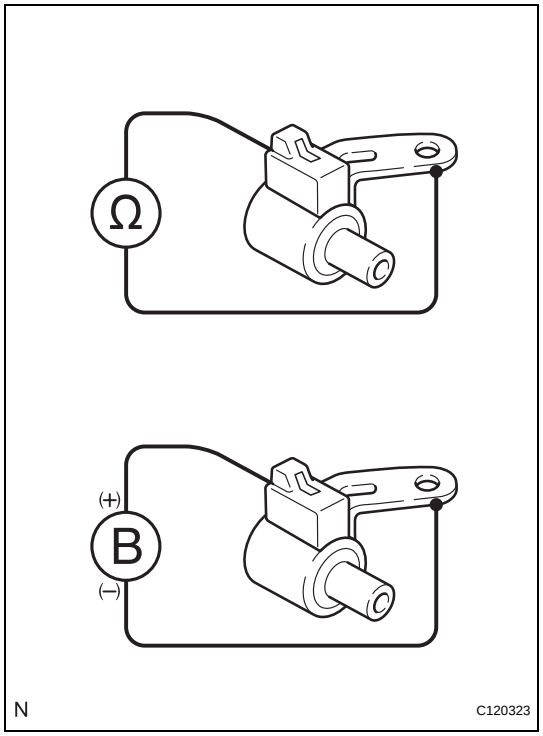


1. INSPECT SHIFT SOLENOID VALVE SLT

(a) Measure the resistance of the solenoid valve.
Standard resistance:
5.0 to 5.6 Ω at 20°C (68°F)

(b) Connect the positive (+) lead with a 21 W bulb to terminal 2 and the negative (-) lead to terminal 1 of the solenoid valve connector, and then check the movement of the valve.

(c) Check the operating noise of terminal 1 of the solenoid valve.



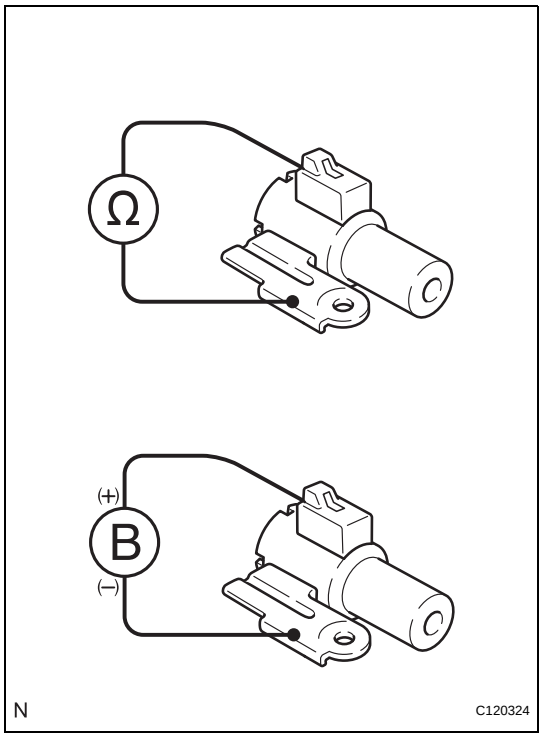
2. INSPECT SHIFT SOLENOID VALVE ST

(a) Measure the resistance of the solenoid valve.
Standard resistance:
11 to 15 Ω at 20°C (68°F)

(b) Connect the battery's positive (+) lead to the terminal of the solenoid connector, and the negative (-) lead to the solenoid body.

(c) Check the operating noise of the solenoid valve.

AX

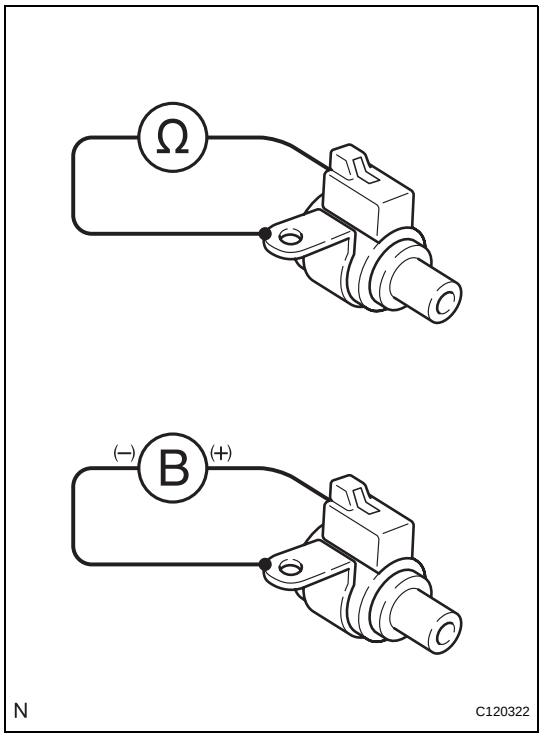


3. INSPECT SHIFT SOLENOID VALVE SL

(a) Measure the resistance of the solenoid valve.
Standard resistance:
11 to 15 Ω at 20°C (68°F)

(b) Connect the battery's positive (+) lead to the terminal of the solenoid connector, and the negative (-) lead to the solenoid body.

(c) Check the operating noise of the solenoid valve.



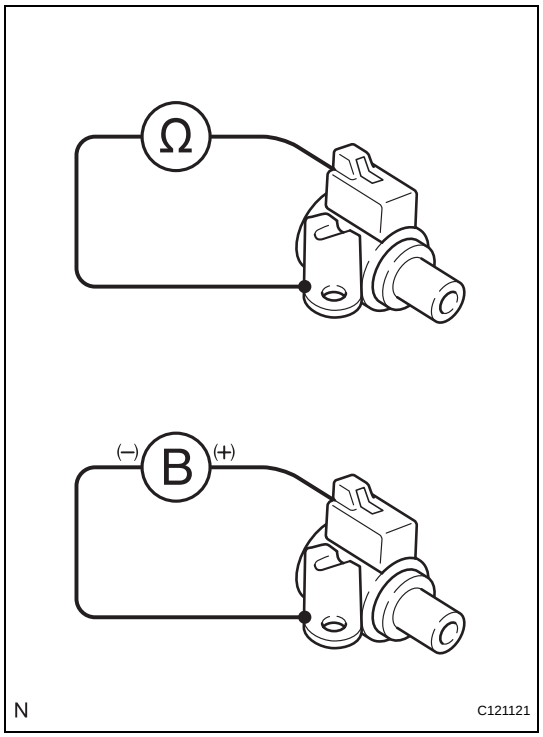
4. INSPECT SHIFT SOLENOID VALVE S2

(a) Measure the resistance of the solenoid valve.
Standard resistance:
11 to 15 Ωat 20°C (68°F)

(b) Connect the battery's positive (+) lead to the terminal of the solenoid connector, and the negative (-) lead to the solenoid body.

(c) Check the operating noise of the solenoid valve.

AX



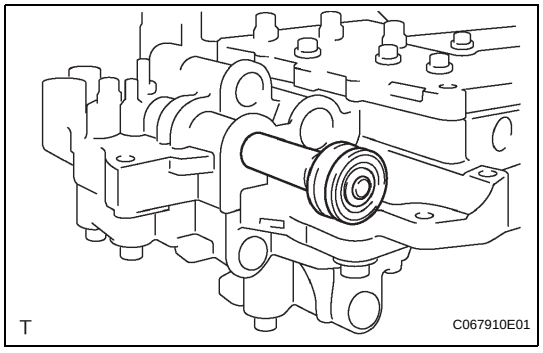
5. INSPECT SHIFT SOLENOID VALVE S1

(a) Measure the resistance of the solenoid valve.
Standard resistance:
11 to 15 Ω at 20°C (68°F)

(b) Connect the battery's positive (+) lead to the terminal of the solenoid connector, and the negative (-) lead to the solenoid body.

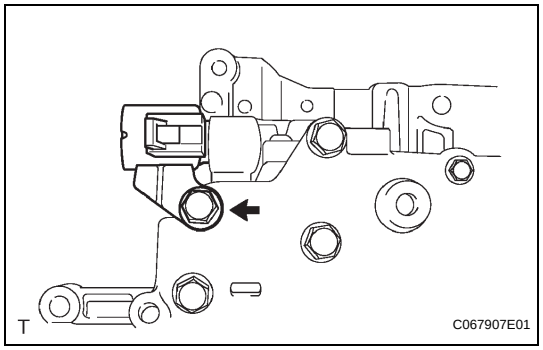
(c) Check the operating noise of the solenoid valve.

REASSEMBLY



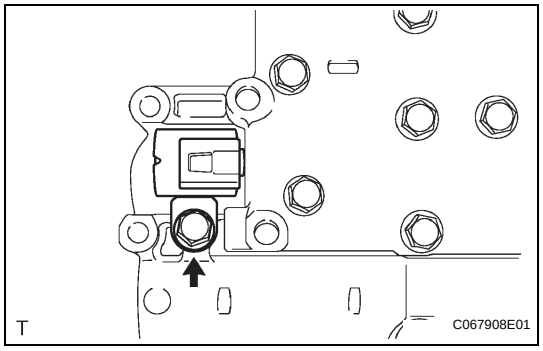
1. INSTALL MANUAL VALVE

(a) Coat the manual valve with ATF and install it to the valve body.



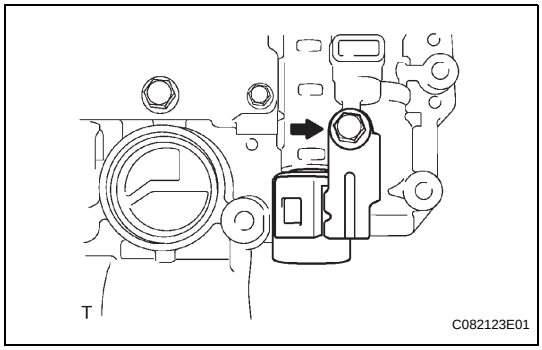
2. INSTALL SHIFT SOLENOID VALVE S1

(a) Install the 3-way solenoid with the bolt.
Torque: 10.8 N*m (110 kgf*cm, 8 ft.*lbf)



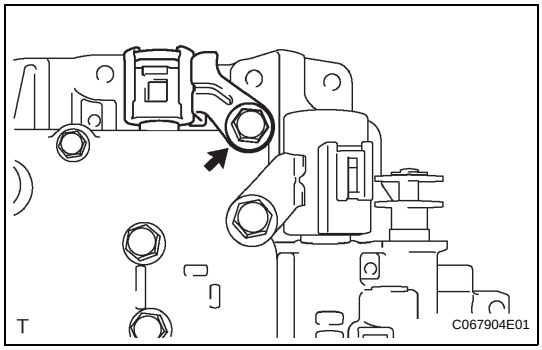
3. INSTALL SHIFT SOLENOID VALVE S2

(a) Install the 3-way solenoid with the bolt.
Torque: 10.8 N*m (110 kgf*cm, 8 ft.*lbf)



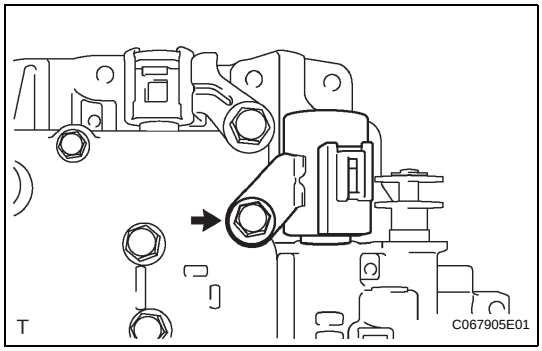
4. INSTALL SHIFT SOLENOID VALVE SL

(a) Install the solenoid with the bolt.
Torque: 10.8 N*m (110 kgf*cm, 8 ft.*lbf)



5. INSTALL SHIFT SOLENOID VALVE ST

(a) Install the 3-way solenoid with the bolt.
Torque: 10.8 N*m (110 kgf*cm, 8 ft.*lbf)



6. INSTALL SHIFT SOLENOID VALVE SLT

(a) Install the solenoid with the bolt.
Torque: 10.8 N*m (110 kgf*cm, 8 ft.*lbf)