ON-VEHICLE INSPECTION

1. CHECK SHIFT LOCK OPERATION

(a) Adjust the shift lever to the P position.
(b) Turn the ignition switch to the LOCK position.
(c) Check that the shift lever cannot be adjusted to any position other than P.
(d) Turn the ignition switch to the ON position, depress the brake pedal and check that the shift lever can be adjusted to all positions.
If the operation cannot be done as specified, inspect the shift lock control switch.

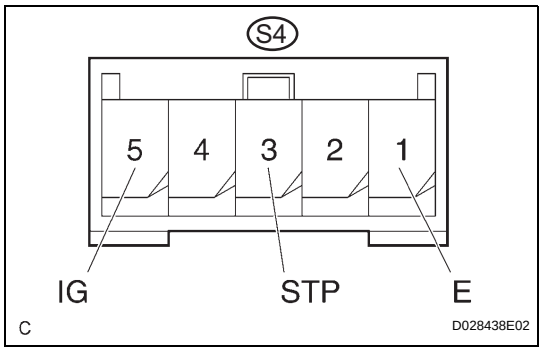
2. CHECK SHIFT LOCK RELEASE BUTTON OPERATION

(a) When operating the shift lever with the shift lock release button pressed and the ignition switch in the ACC or ON position, check that the lever can be adjusted to all positions.
If the operation cannot be done as specified, check the shift lever assembly installation condition.

3. CHECK KEY INTERLOCK OPERATION

(a) Turn the ignition switch to the ON position.
(b) Depress the brake pedal and adjust the shift lever to any position other than P.
(c) Check that the ignition switch cannot be turned to the LOCK position.
(d) Adjust the shift lever to the P position, turn the ignition switch to the LOCK position and check that the ignition key can be removed.
If the operation cannot be done as specified, inspect the shift lock control switch.

AX

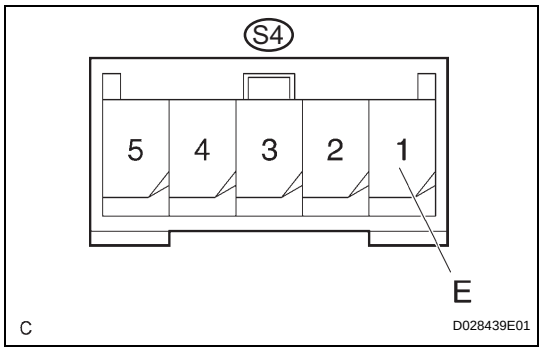


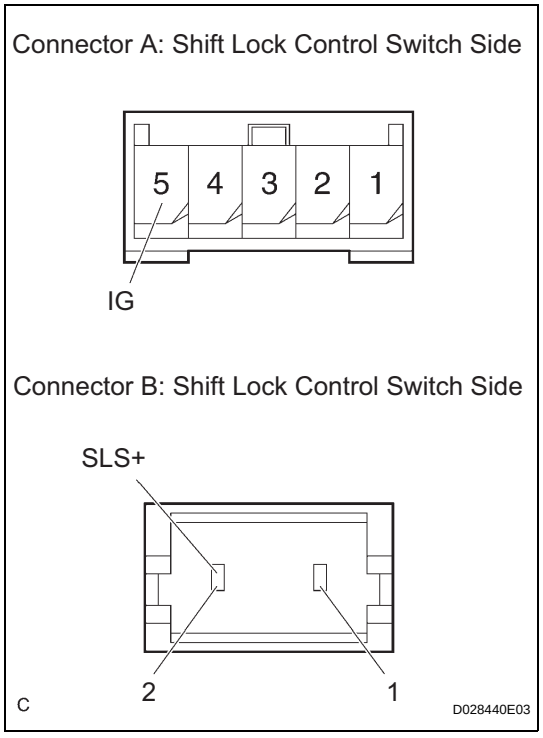
4. INSPECT SHIFT LOCK CONTROL SWITCH

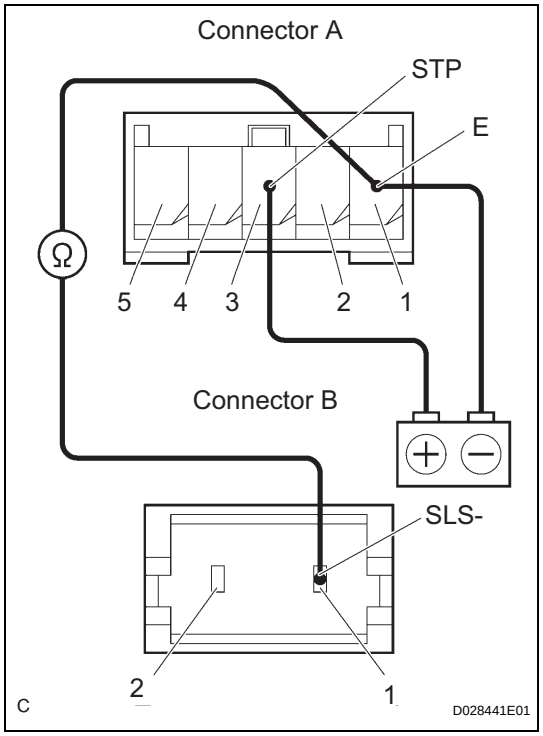
(a) Measure the voltage according to the value(s) in the table below.
HINT:
Do not disconnect the shift lock control switch connector.

Standard voltage

Tester Connection	Condition	Specified Condition
5 (IG) - 1 (E)	Ignition switch ON	10 to 14 V
5 (IG) - 1 (E)	Ignition switch OFF	Below 1 V
3 (STP) - 1 (E)	Depress brake pedal	10 to 14 V
3 (STP) - 1 (E)	Release brake pedal	Below 1 V







(b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Condition	Condition	Specified Condition
1 (E) - Body ground	Always	Below 1 Ω

If the result is not as specified, replace the shift lock control switch.

INSPECTION

1. INSPECT SHIFT LOCK CONTROL SWITCH

(a) Disconnect the connector A and connector B of the shift lock control switch.

(b) Measure the resistance according to the value(s) in the table below.

HINT:

"Switch ON" means push the button on top of the switch.

NOTICE:

Match the tester probe with current direction as the shift lock control switch circuit has a diode.

Standard resistance

Tester Condition	Condition	Specified Condition
A5 (IG) - B2 (SLS+)	Switch ON	Below 1 Ω
A5 (IG) - B2 (SLS+)	Switch OFF	10 kΩ or higher

If the result is not as specified, replace the shift lock control switch.

(c) Connect the battery's positive (+) lead to terminal 3 (STP) and the negative (-) lead to terminal 1 (E).

(d) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Condition	Condition	Specified Condition
A1 (E) - B1 (SLS-)	Connect battery	Below 1 Ω
A1 (E) - B1 (SLS-)	Disconnect battery	10 kΩ or higher

If the result is not as specified, replace the shift lock control switch.

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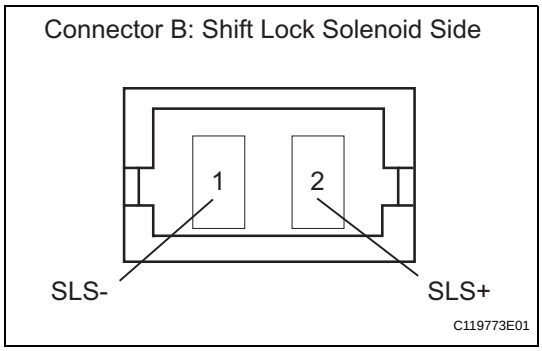

2. INSPECT SHIFT LOCK SOLENOID

(a) Disconnect the solenoid connector.

(b) Connect the battery's positive (+) lead to terminal 2 (SLS+) and the negative (-) lead to terminal 1 (SLS-).

(c) Check that the operating noise of the solenoid can be heard.
If the solenoid does not operate, replace the solenoid.