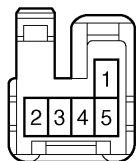




Connector A



Connector B

D01640

INSPECTION

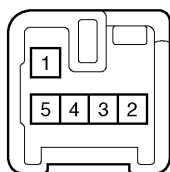
1. INSPECT SHIFT LOCK CONTROL ECU

Using a voltmeter, measure voltage at each terminal.

HINT:

Do not disconnect the ECU connector.

Terminal	Measuring Condition	Voltage (V)
Connector A		
1 – 7 (ACC – E)	Ignition switch ACC	10 – 14
3 – 7 (IG – E)	Ignition switch ON	10 – 14
8 – 7 (STP – E)	Depress brake pedal	10 – 14
6 – 7 (KLS – E)	(1) Ignition switch ACC and P position	0
	(2) Ignition switch ACC and except P position	10 – 14
	(3) (After approx. 1 second)	6 – 9
Connector B		
2 – 5 (SLS ⁺ – SLS ⁻)	(1) Ignition switch ON and P position	0
	(2) Depress brake pedal	8 – 13.5
	(3) Shift except P position under conditions above	0
3 – 1 (P1 – P)	(1) Ignition switch ON, P position and depress brake pedal	0
	(2) Shift except P position under condition above	9 – 13.5
4 – 1 (P2 – P)	(1) Ignition switch ACC and P position	9 – 13.5
	(2) Shift except P position under condition above	0



D03069

2. INSPECT SHIFT LOCK SOLENOID

- Disconnect the solenoid connector.
- Using an ohmmeter, measure resistance between terminals.

Standard resistance: 20–28 Ω

If resistance value is not as specified, replace the solenoid.

- Apply battery positive voltage between terminals. Check that operation noise can be heard from the solenoid.

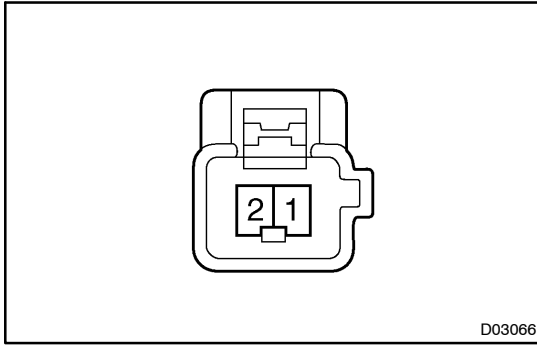
If the solenoid does not operate, replace the solenoid.

3. INSPECT SHIFT LOCK CONTROL SWITCH

Inspect that continuity exists between each terminal.

Shift position	Tester connection	Specified value
P position (Release button is not pushed)	1 – 3 (P – P1)	Continuity
P position (Release button is pushed)	1 – 4 (P – P2)	Continuity
R, N, D, 2, L position	1 – 4 (P – P2)	Continuity

If continuity is not as specified, replace the switch.

**4. INSPECT KEY INTERLOCK SOLENOID**

- (a) Disconnect the solenoid connector.
- (b) Using an ohmmeter, measure resistance between terminals 1 and 2.

Standard resistance: 12–17 Ω

If resistance value is not as specified, replace the solenoid.

- (c) Apply battery positive voltage between terminals. Check that an operation noise can be heard from the solenoid.
- If the solenoid does not operate, replace the solenoid.