

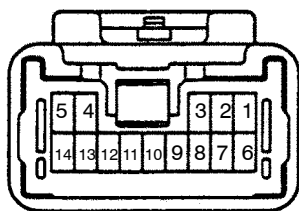
INSPECTION

1. INSPECT SHIFT LOCK CONTROL ECU

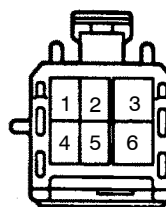
Using a voltmeter, measure the voltage at each terminal.

HINT:

Do not disconnect the ECU connector.



Connector A

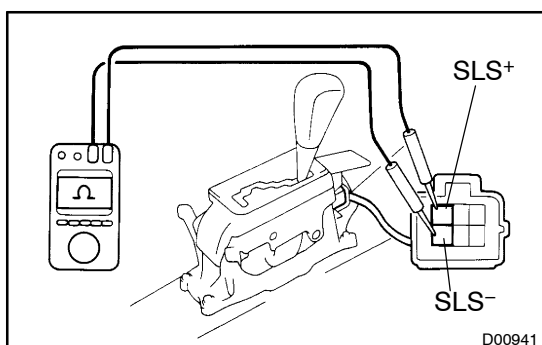


Connector B

N

D04502

Terminal	Measuring Condition	Voltage (V)
A3 - A10 (ACC - E)	IG SW ACC	10 - 14
A4 - A10 (IG - E)	IG SW ON	10 - 14
A13 - A10 (STP - E)	Depress brake pedal	10 - 14
A8 - A10 (KLS+ - E)	1. IG SW ON and shift lever P range	0
	2. IG SW ON and shift lever other than P range	7.5 - 11.5
	3. IG SW ON and shift lever (After 1 second)	6 - 9
A9 - A10 (SPD - E)	1. IG SW ON, shift lever D range and vehicle speed more than 11 km/h (6.8 mph)	0
	2. IG SW ON, shift lever D range and vehicle speed less than 11 km/h (6.8 mph)	10 - 14
A12 - A10 (DOFF - E)	1. IG SW ON, and shift lever D range	10 - 14
	2. IG SW ON, and shift lever other than D range	0
B1 - B4 (SLS+ - SLS-)	1. IG SW ON and shift lever P range	0
	2. IG SW ON and brake pedal depressed, shift lever P range	8.0 - 13.5
	3. IG SW ON and brake pedal depressed, shift lever P (After 20 seconds)	6 - 10
	4. IG SW ON and shift lever other than P, N range	0
B5 - B3 (P1 - P)	1. IG SW ON and shift lever P range	0
	2. IG SW ON and shift lever other than P range	9 - 13.5
B6 - B3 (P2 - P)	1. IG SW ACC and shift lever P range	9 - 13.5
	2. IG SW ACC and shift lever other than P range	0



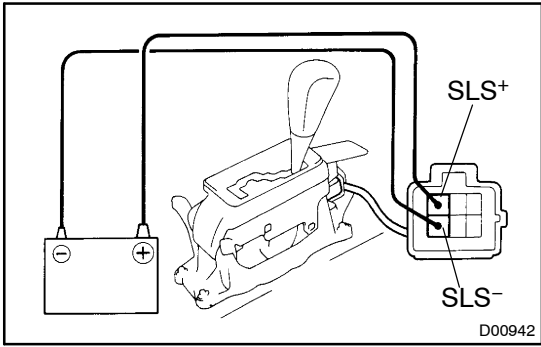
D00941

2. INSPECT SHIFT LOCK SOLENOID

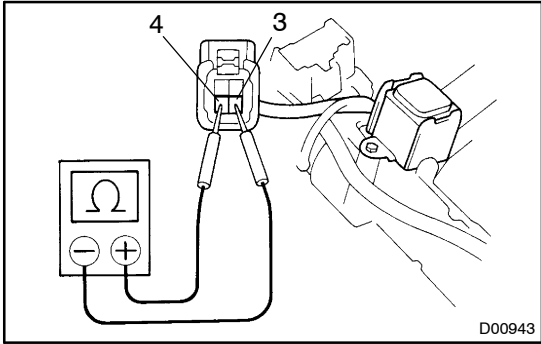
- Disconnect the solenoid connector.
- Using an ohmmeter, measure the resistance between terminals.

Standard resistance: 20 - 28 Ω

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



- (c) Apply the battery voltage between terminals. At this time, confirm that the solenoid operates. If the operation is not as specified, replace the solenoid.

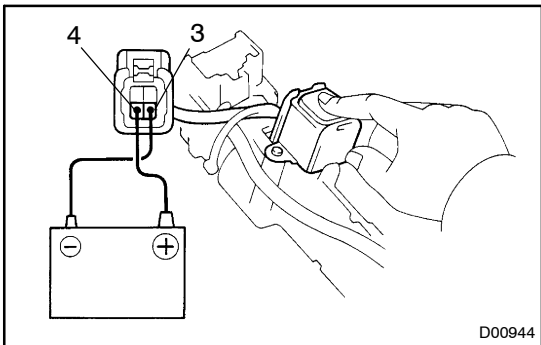


3. INSPECT KEY INTERLOCK SOLENOID

- (a) Disconnect the solenoid connector.
 (b) Using an ohmmeter, measure the resistance between terminals 3 and 4.

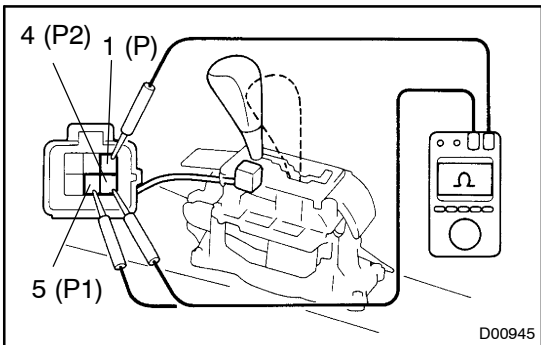
Standard resistance: 12 - 14 Ω

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



- (c) Touch the solenoid with your finger and check that solenoid operation can be felt when battery voltage is applied intermittently to terminals 3 and 4.

If the operation is not as specified, replace the solenoid.



4. INSPECT SHIFT LOCK CONTROL SWITCH

Inspect that continuity exists between each terminal.

Shift position	Tester condition	Specified value
P range (Shift lever at left side)	5 (P1) - 1 (P)	Continuity
P range (Shift lever at right side)	5 (P1) - 1 (P) 4 (P2) - 1 (P)	Continuity
R, N, D, 3, 2, L range	4 (P2) - 1 (P)	Continuity

If the continuity is not as specified, replace the switch.