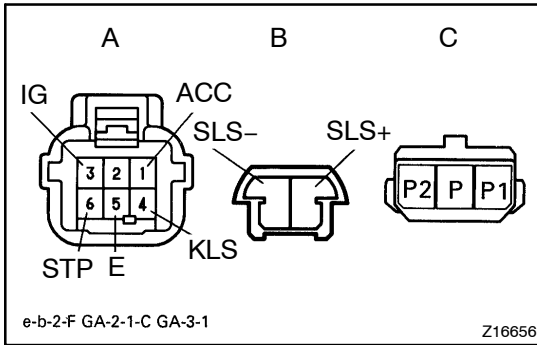




SHIFT LOCK SYSTEM INSPECTION

AT07-01

1. INSPECT SHIFT LOCK CONTROL ECU

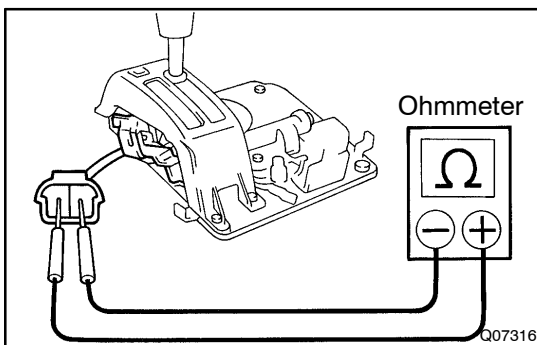
Using a voltmeter, measure the voltage at each terminal.

HINT:

Do not disconnect the ECU connector.

Connector	Terminal	Measuring condition	Voltage (V)
A	ACC - E	IG SW ACC	10 - 14
	IG - E	IG SW ON	10 - 14
	STP - E	Depress brake pedal	10 - 14
	KLS - E	① IG SW ACC and shift lever P position ② IG SW ACC and shift lever except P position ③ ↑ (After - approx. 1 second)	0 10 - 14 6 - 9
B	SLS+ - SLS-	① IG SW ON and shift lever P position	0
		② Depress brake pedal	8.5 - 13.5
		③ ↑ (After - approx. 20 seconds)	5.5 - 9.5
		④ Shift lever except P position under condition above	0
C	P1 - P	① IG SW ON, shift lever P position and depress brake pedal	0
		② Shift lever except P position under condition above	9 - 13.5
	P2 - P	① IG SW ACC and shift lever at P position	9 - 13.5
		② Shift lever except P position under condition above	0

V07131

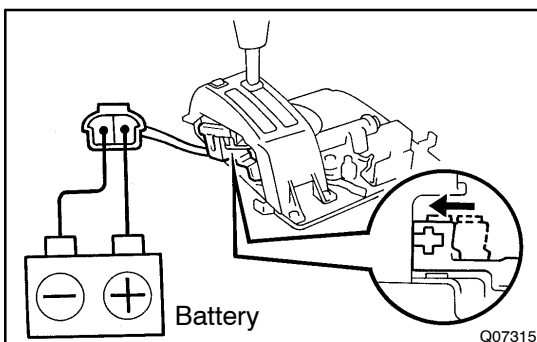


2. INSPECT SHIFT LOCK SOLENOID

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

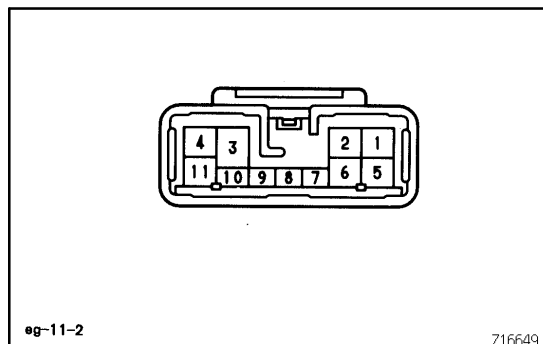
Standard resistance: 20 - 28 Ω

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



- Apply the battery positive voltage between terminals. At this time, confirm that solenoid operate.

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

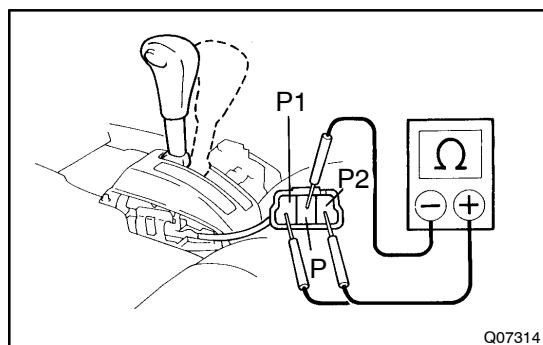


3. INSPECT KEY INTERLOCK SOLENOID

- Disconnect the solenoid connector.
- Using an ohmmeter, measure the resistance between terminals 7 and 8.

Standard resistance: 12 – 17 Ω

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



4. INSPECT SHIFT LOCK CONTROL SWITCH

Inspect that there is continuity between each terminal.

Shift position	Tester condition to terminal number	Specified value
P position (Release button is not pushed)	P1 – P	Continuity
P position (Release button is pushed)	P1 – P P2 – P	Continuity
R, N, D, 2, L position	P2 – P	Continuity

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