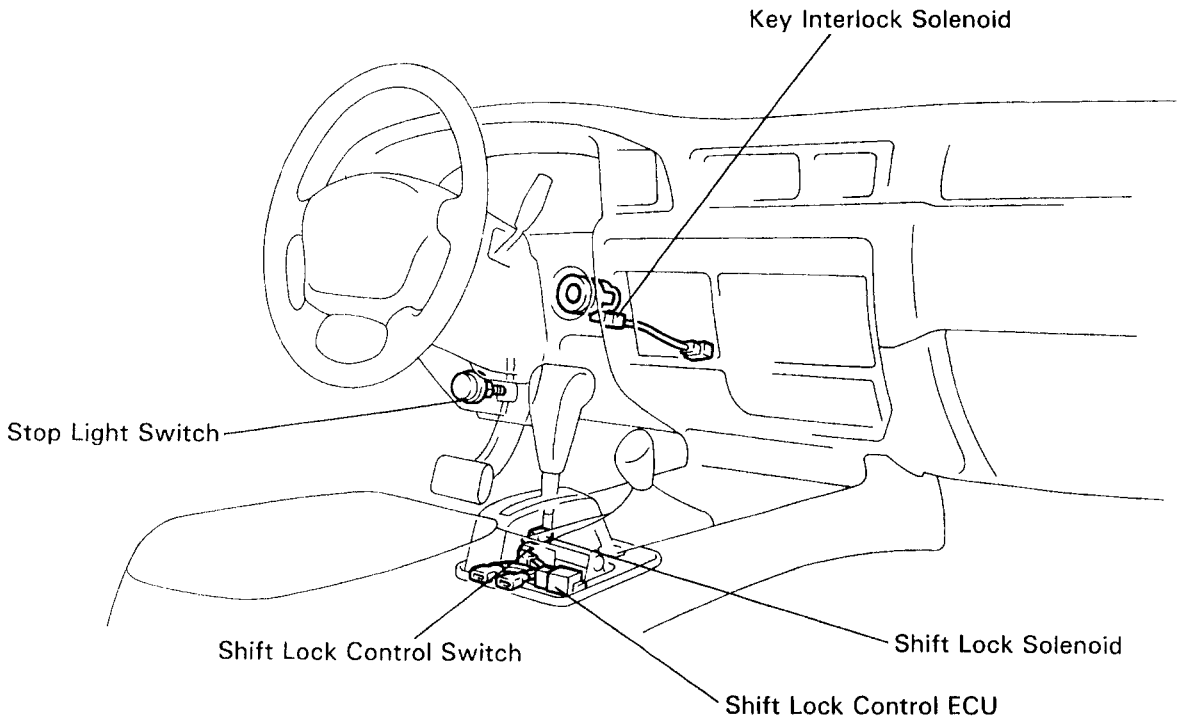
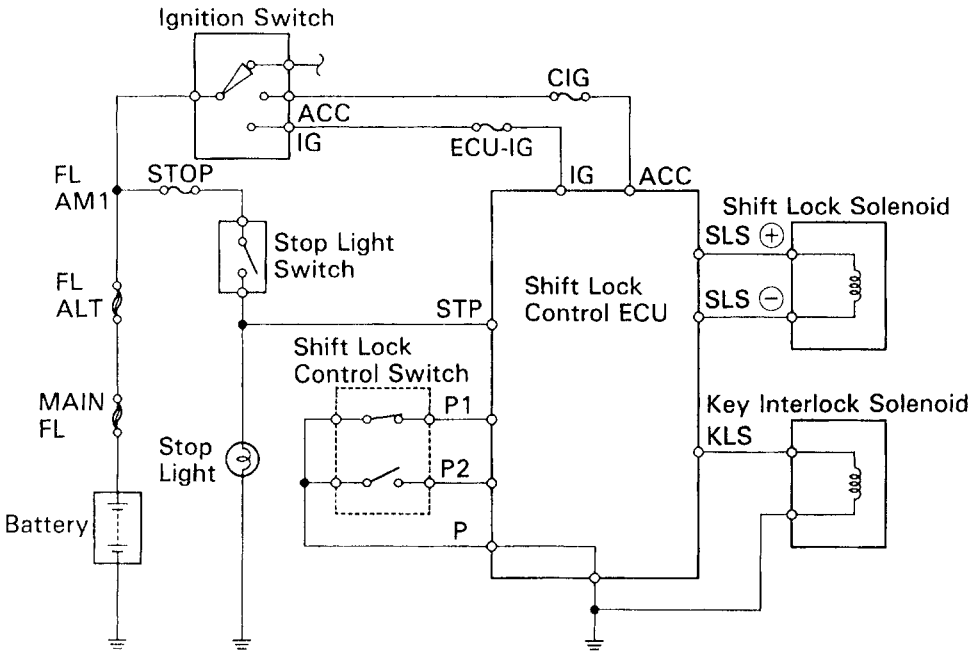
SHIFT LOCK SYSTEM
COMPONENTS AND CIRCUIT





Q07375
Q03116

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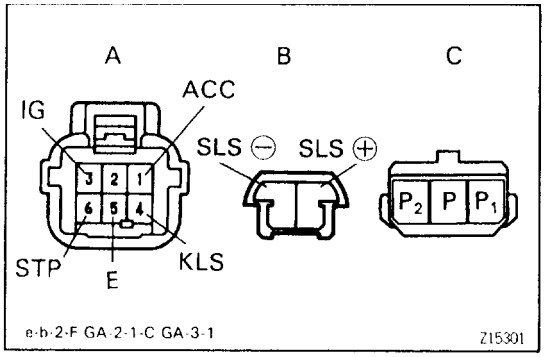
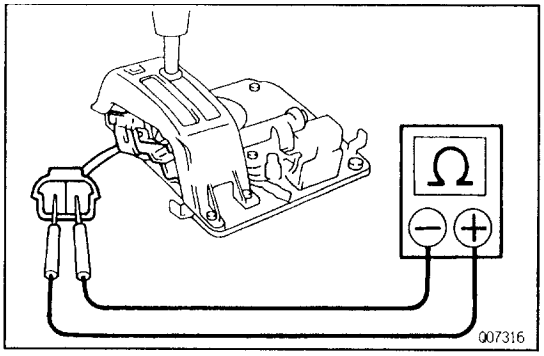


ELECTRIC CONTROL COMPONENTS INSPECTION

1. INSPECT SHIFT LOCK CONTROL ECU

Using a voltmeter, measure the voltage at each terminal.

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	0
		(2) IG SW ACC and shift lever except P position	10–14
		(3) ↑ (Approx. after 1 second)	6–9
B	SLS(+) – SLS(–)	(1) IG SW ON and shift lever P position	0
		(2) Depress brake pedal	8.5–13.5
		(3) ↑ (Approx. after 20 seconds)	5.5–9.5
		Shift lever except P position under condition above	0
C	P1–P	IG SW ON, shift lever P position and depress brake pedal	0
		Shift lever except P position under condition above	9–13.5
	P2–P	IG SW ACC and shift lever at P position	9–13.5
		Shift lever except P position under condition above	0

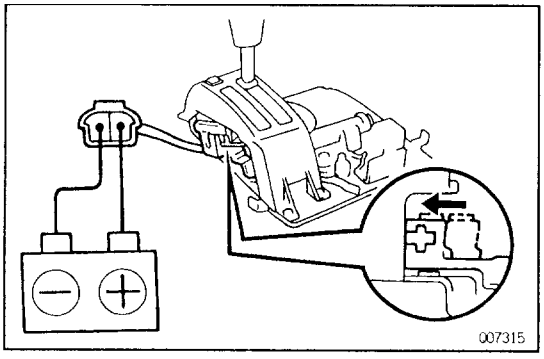


2. INSPECT SHIFT LOCK SOLENOID

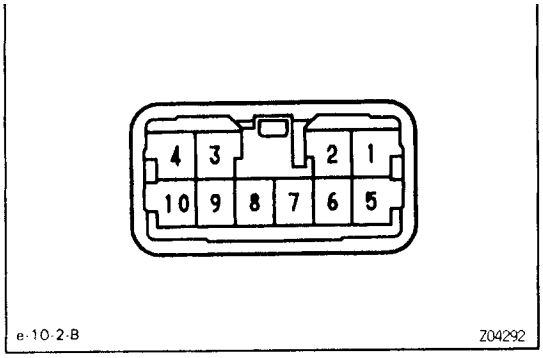
(a) Disconnect the solenoid connector.

(b) Using an ohmmeter, measure the resistance between terminals.

Standard resistance: 20–28 Ω



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

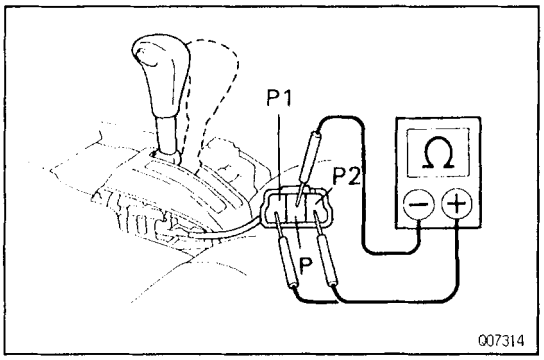


3. INSPECT KEY INTERLOCK SOLENOID

(a) Disconnect the solenoid connector.

(b) Using an ohmmeter, measure the resistance between terminals 1 and 5.

Standard resistance: 12–17 Ω



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