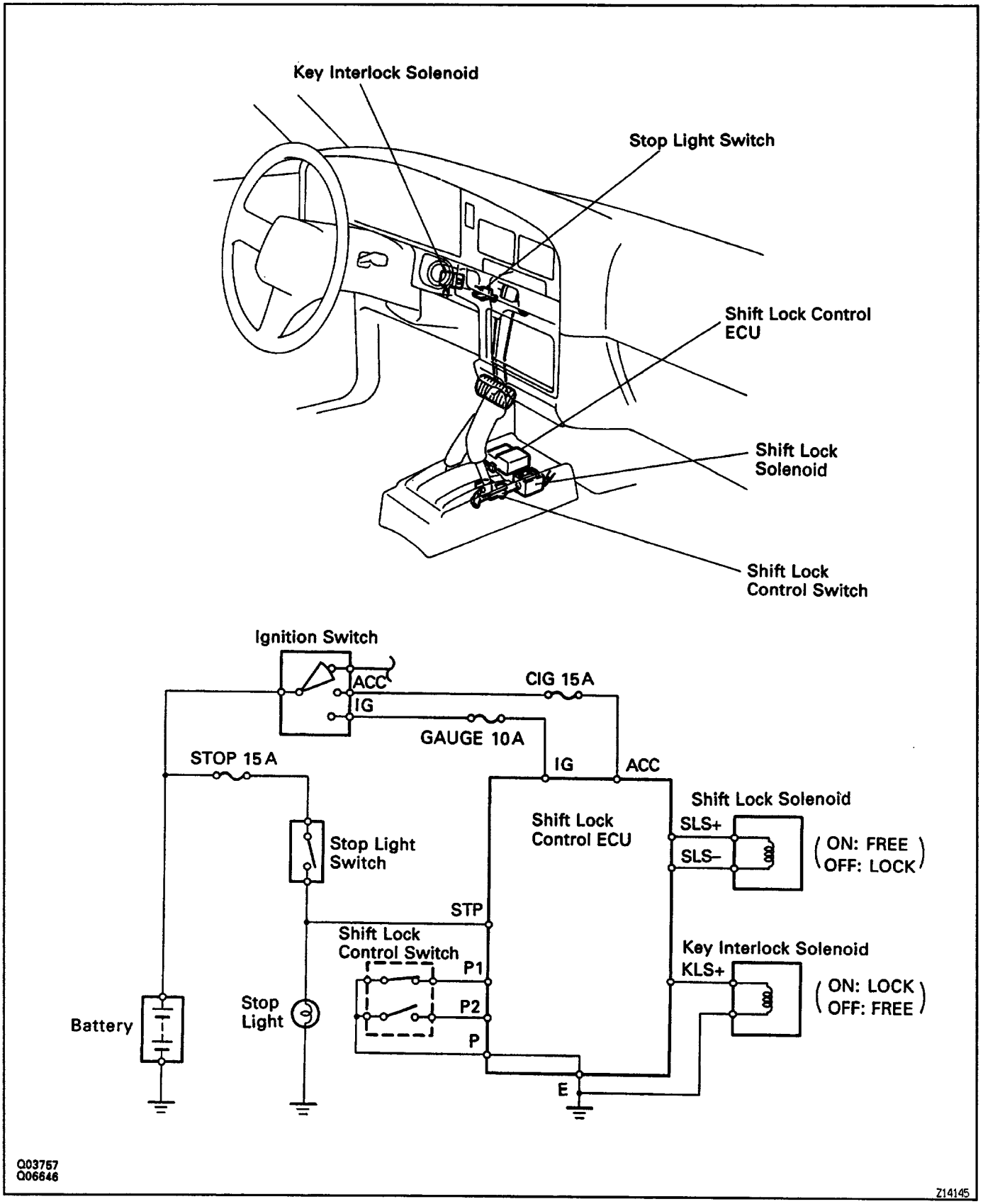
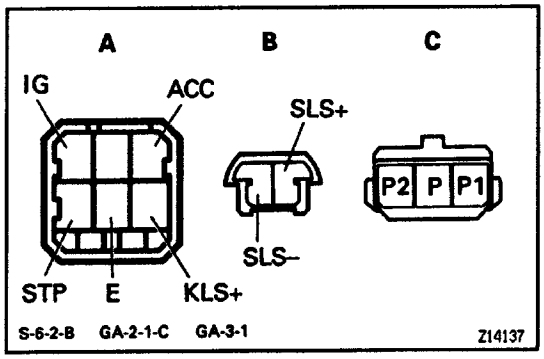
SHIFT LOCK SYSTEM
COMPONENTS AND CIRCUIT



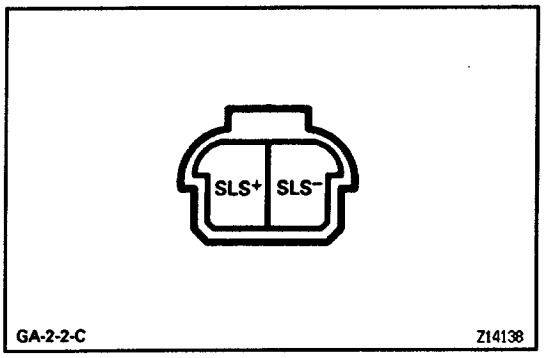


ELECTRIC CONTROL COMPONENTS INSPECTION

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 position		10 – 14
	IG – E	IG SW ON position		10 – 14
	STP – E	Depress brake pedal		10 – 14
	KLS + – E	①	IG SW ACC position and P position	0
		②	P→ R, N, D, 2, L position	10 – 14
		③	↑ (Approx. after second)	6 – 9
B	SLS + – SLS –	①	IG SW ON position and P position	0
		②	Depress brake pedal	10 – 14
		③	P → R, N, D, 2, L positions or release brake pedal	0
C	P1 – P	①	IG SW ON, P position and depress brake pedal	0
		②	R, N, D, 2, L positions	10 – 14
	P2 – P	①	IG SW ACC position and P position	10 – 14
		②	R, N, D, 2, L positions	0



2. INSPECT SHIFT LOCK SOLENOID

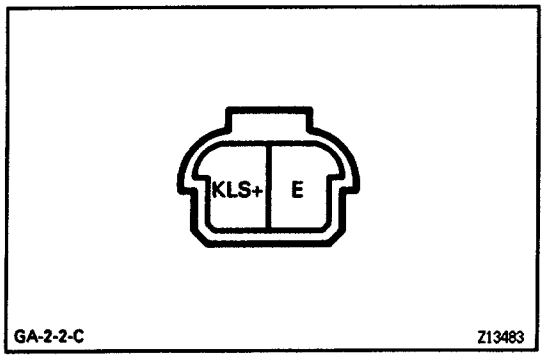
(a) Disconnect the solenoid connector.

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

Standard resistance:

29–36 Ω

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



3. INSPECT KEY INTERLOCK SOLENOID

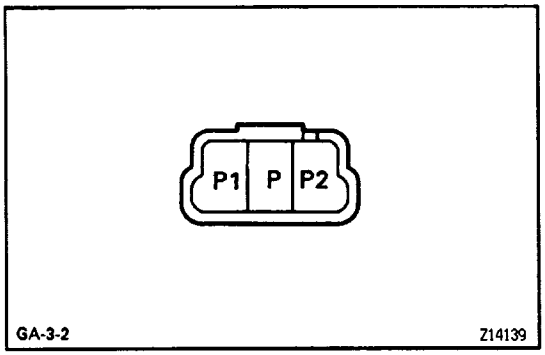
(a) Disconnect the solenoid connector.

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

Standard resistance:

12–17 Ω

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



4. INSPECT SHIFT LOCK CONTROL SWITCH

Inspect that there is continuity between each terminals.

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