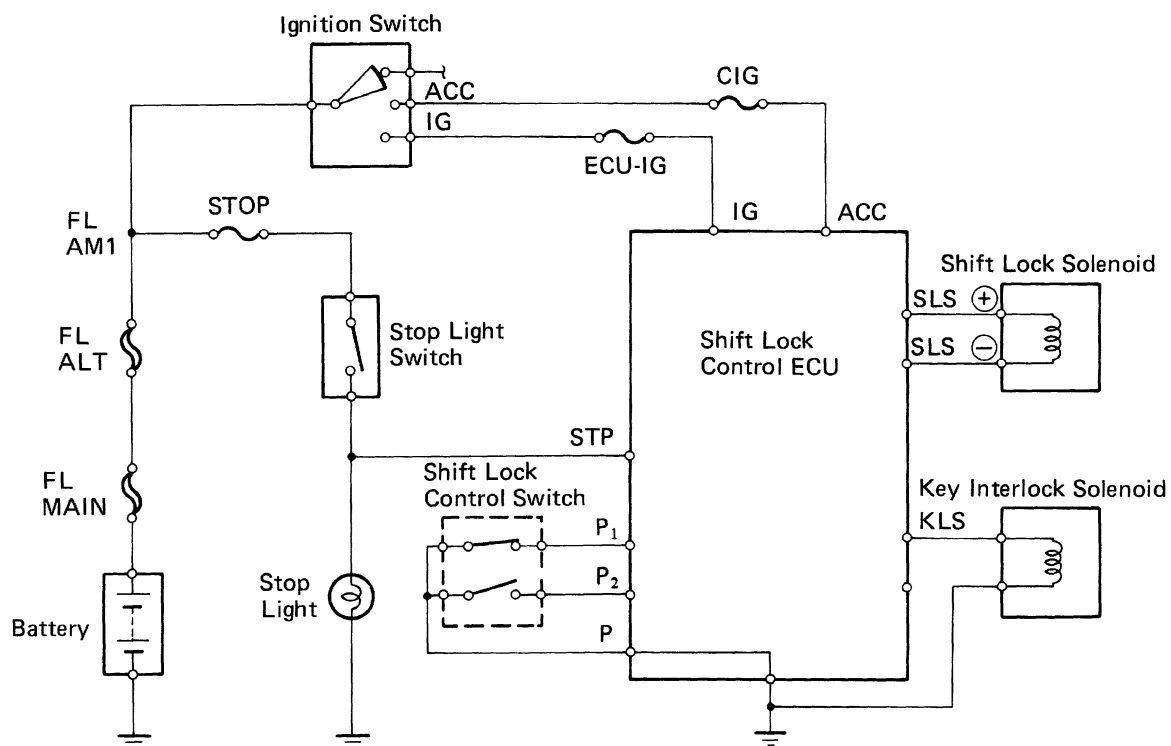
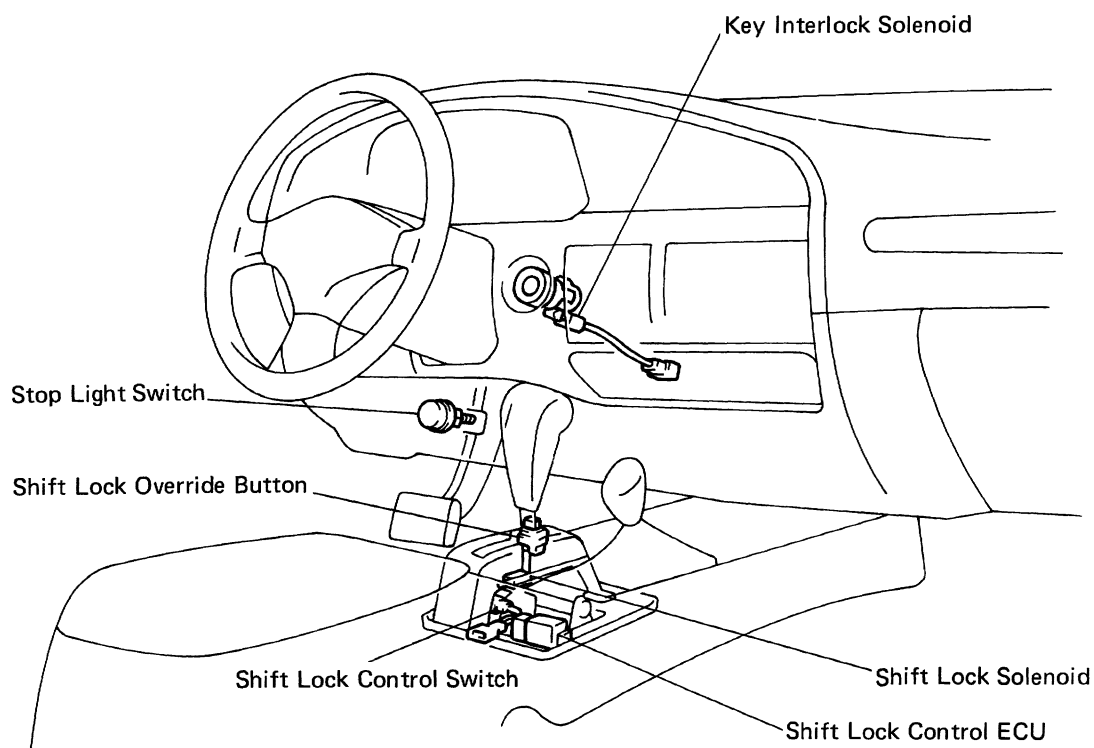
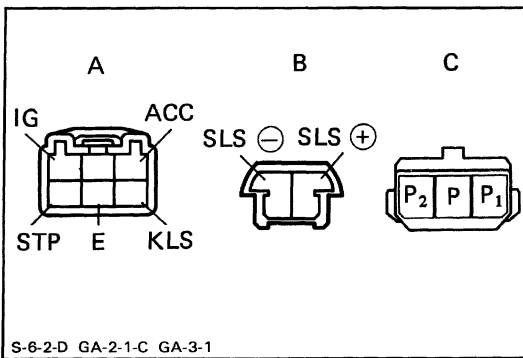


SHIFT LOCK SYSTEM COMPONENT AND CIRCUIT



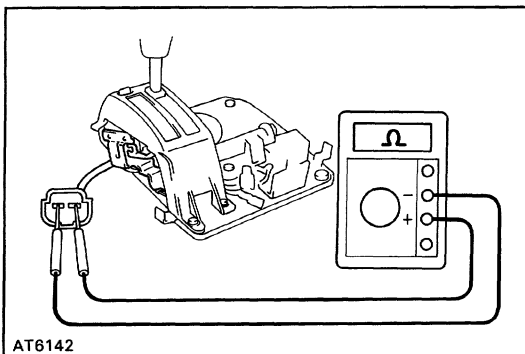


INSPECTION OF ELECTRIC CONTROL COMPONENTS

1. INSPECT SHIFT LOCK CONTROL ECU

Using a voltmeter, measure the voltage at each terminal.

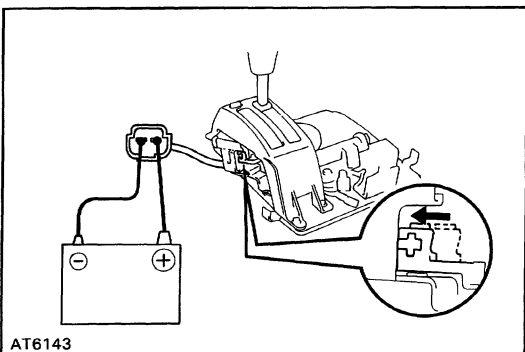
Connector	Terminal	Measuring Condition	Voltage (V)
A	ACC – E	IG SW ACC position	10 – 14
	IG – E	IG SW ON position	10 – 14
	STP – E	Depress brake pedal	10 – 14
	KLS – E	① IG SW ACC position and P range	0
		② P → R, N, D, 2, L ranges	10 – 14
		③ ↑ (Approx. after one second)	6 – 9
B	SLS (+) – SLS (-)	① IG SW ON position and P range	0
		② Depress brake pedal	8.5 – 13.5
		③ ↑ (Approx. after 20 seconds)	5.5 – 9.5
		④ P → R, N, D, 2, L range or release brake pedal	0
C	P ₁ – P	① IG SW ON, P range and depress brake pedal	0
		② P → R, N, D, 2, L ranges	9 – 13.5
	P ₂ – P	① IG SW ACC position and P range	9 – 13.5
		② P → R, N, D, 2, L ranges	0



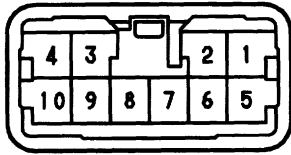
2. INSPECT SHIFT LOCK SOLENOID

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

Standard resistance: 20 – 28 Ω



- Apply the battery voltage between terminals. At this time, confirm that a solenoid operation.

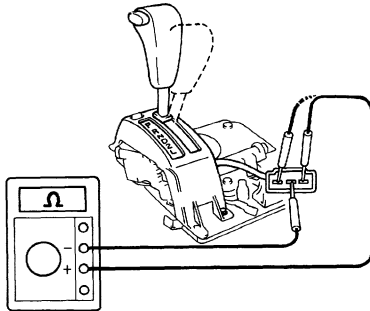


e-10-2-B

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



AT6144

4. INSPECT SHIFT LOCK CONTROL SWITCH

Inspect that there is continuity between terminals.