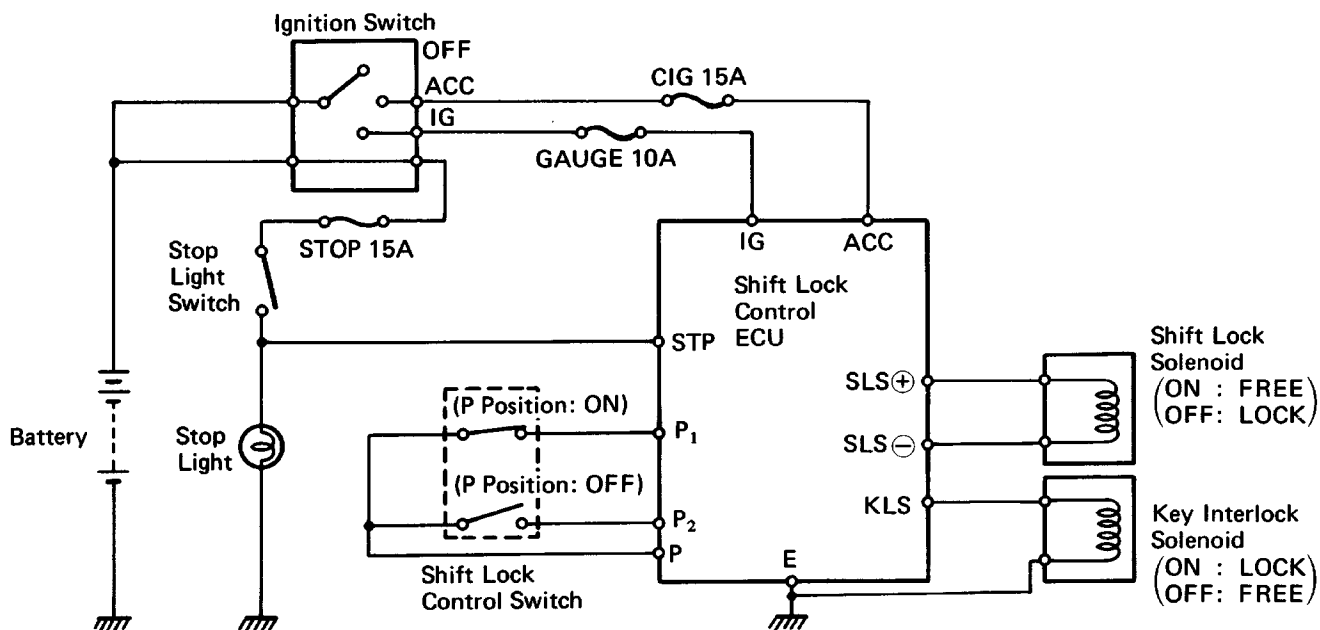
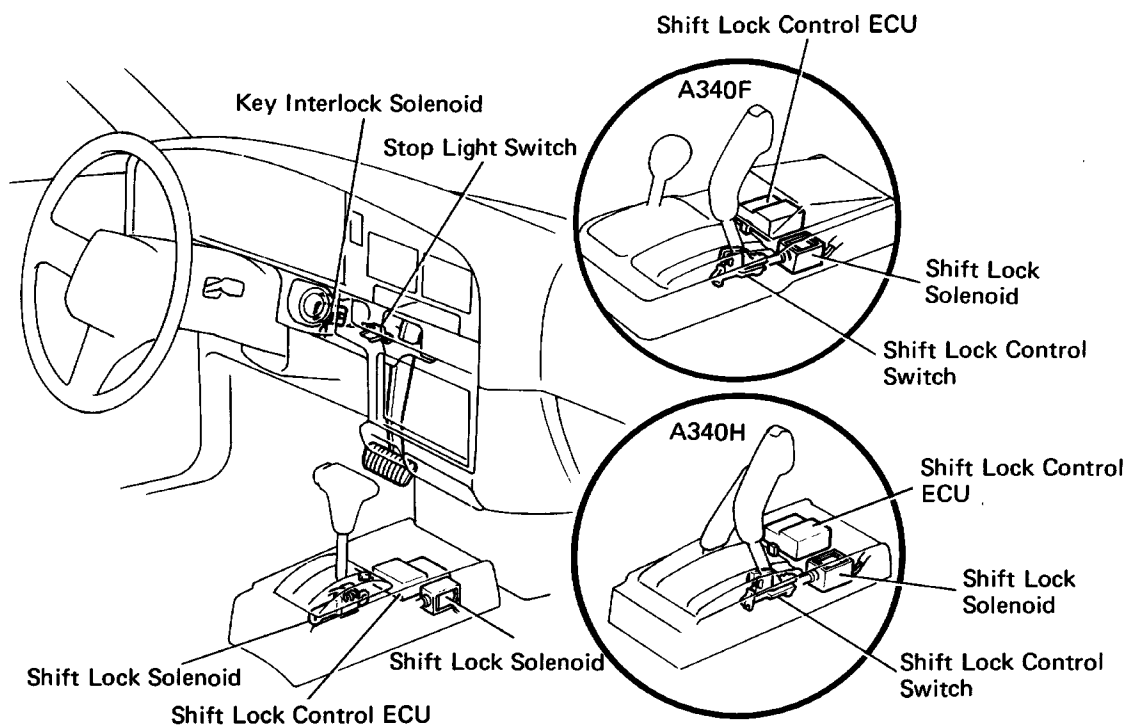
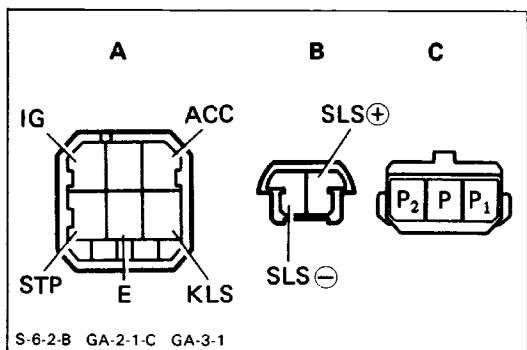


SHIFT LOCK SYSTEM

(Electrically Controlled Shift Lock System)

COMPONENTS AND CIRCUIT



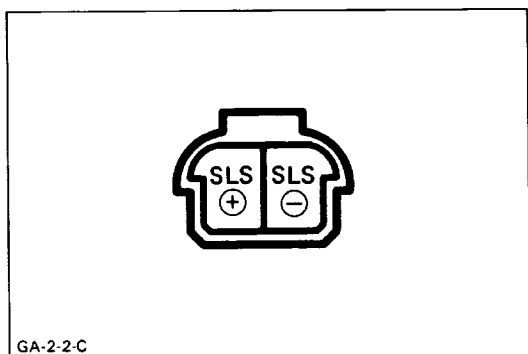


INSPECTION OF ELECTRIC CONTROL COMPONENTS

1. INSPECT SHIFT LOCK CONTROL COMPUTER

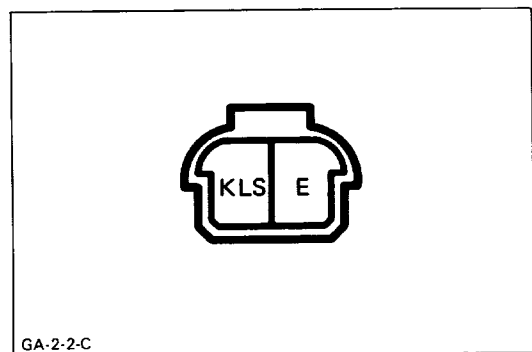
Using a voltmeter, measure the voltage at each terminals.

Connector	Terminal	Measuring condition	Voltage (V)	
A	ACC - E	IG SW ACC position	10 - 14	
	IG - E	• G 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 - i R, N, D, 2, L position	10 - 14
③		↑ (Approx. after one 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	P ₁ - P	①	IG SW ON, P position and depress brake pedal	0
		②	R, N, D, 2, L positions	10 - 14
	P ₂ - P	①	IG SW ACC position and P position	10 - 14
		②	R, N, D, 2, L positions	0



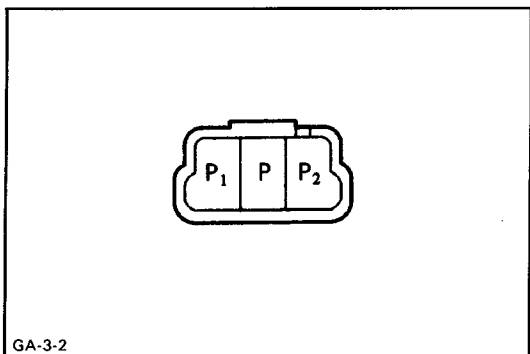
2. INSPECT SHIFT LOCK SOLENOID

- (a) Disconnect the solenoid connector.
- (b) Using an ohmmeter, measure the resistance between terminals.
Standard resistance: 29 - 36Ω
- (c) Apply the battery positive voltage between terminals. At this time, confirm that a solenoid operation



3. INSPECT KEY INTERLOCK SOLENOID

- (a) Disconnect the solenoid connector.
- (b) Using an ohmmeter, measure the resistance between terminals.
Standard resistance: 12 - 17Ω
- (c) Apply the battery positive voltage between terminals. At this time, confirm that a solenoid operation



4. INSPECT SHIFT LOCK CONTROL SWITCH

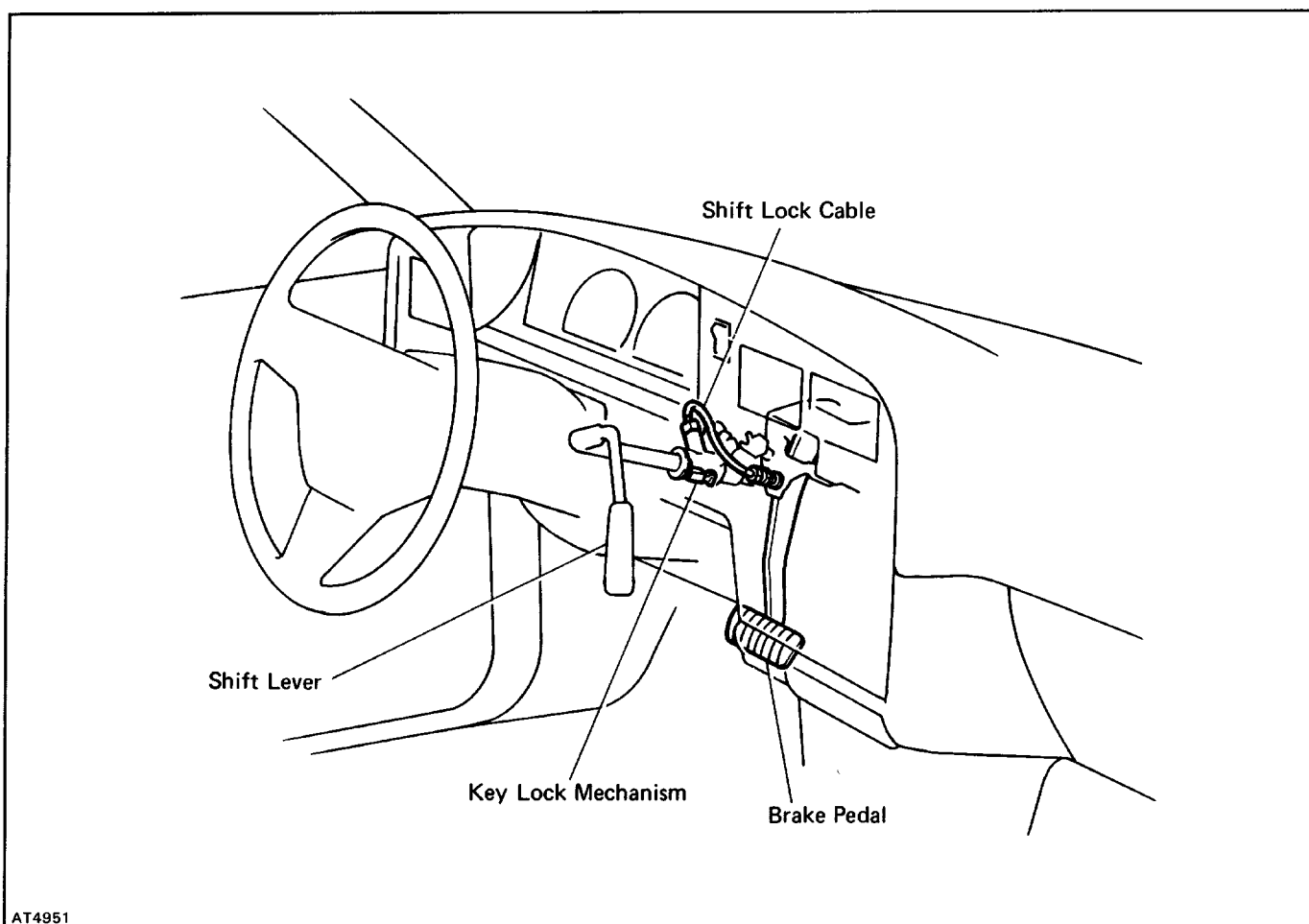
Inspect that there is continuity between each terminals.

: Continuity

Shift Position	Terminal		
	P	P ₁	P ₂
P position (Release button is not pushed)	○—○		
R, N, D, 2, L positions	○	—	○

(Mechanically Controlled Shift Lock System)

COMPONENTS



HINT: Do the following steps, after replacing the shift-lever, ignition switch, shift lock cable and brake pedal.

- (a) Check that the stop lights turn on while depressing the brake pedal.
- (b) Check that the stop lights turn off when releasing the brake pedal.

If stop light operation is not as specified, adjust the stop light switch position.