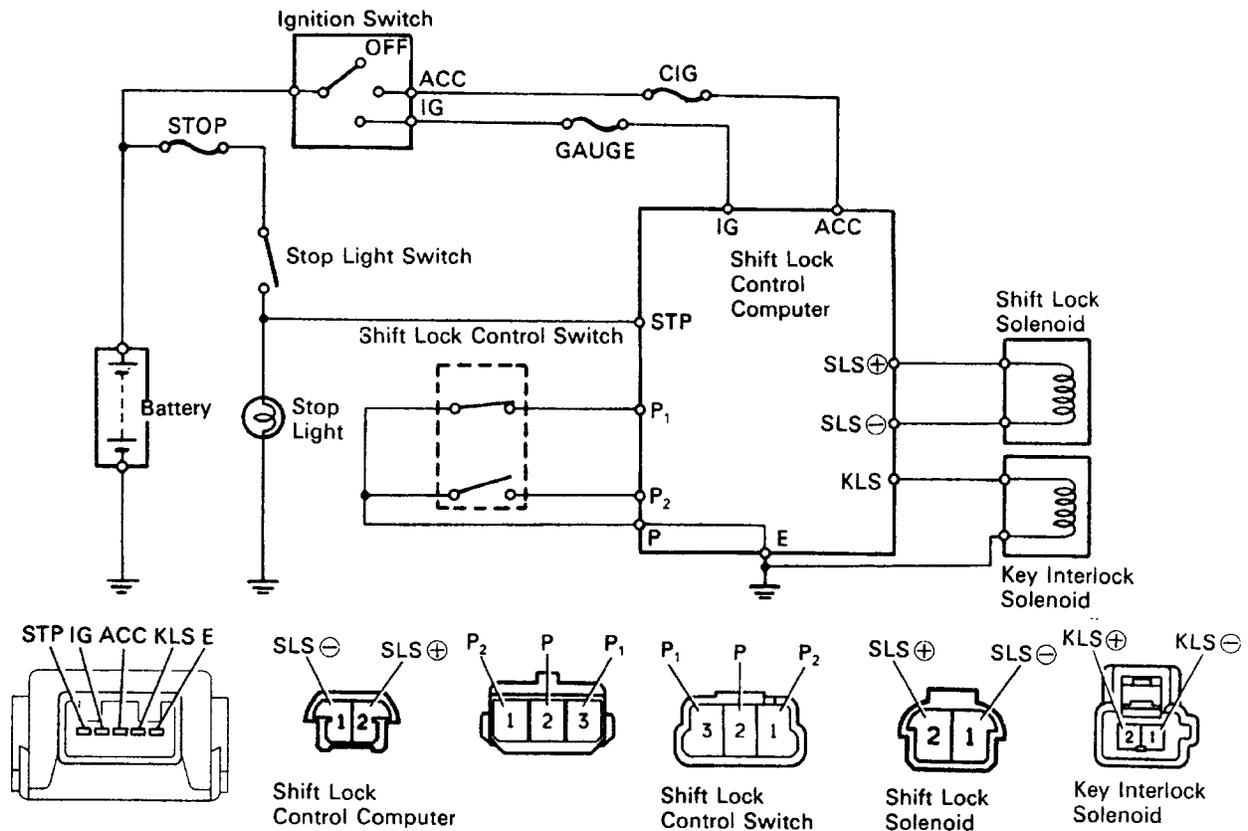
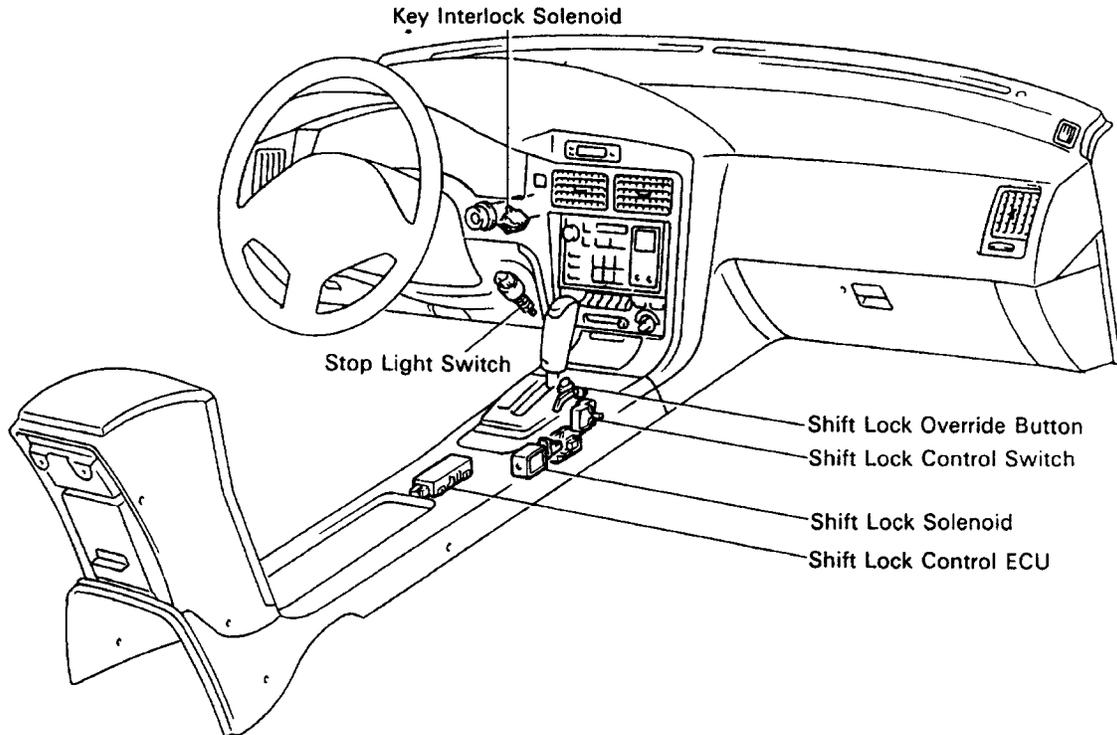


SHIFT LOCK SYSTEM COMPONENT AND CIRCUIT

AX07K-01



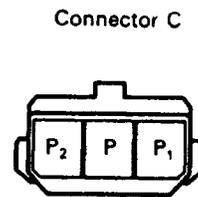
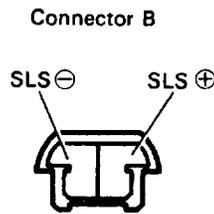
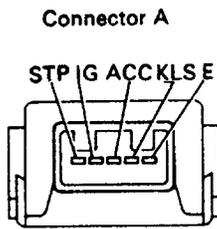
AT5714
AT6297 GA-2-1-C GA-3-1 GA-3-2 GA-2-2-C e-2-2-G

ELECTRIC CONTROL COMPONENTS INSPECTION

1. INSPECT SHIFT LOCK CONTROL ECU

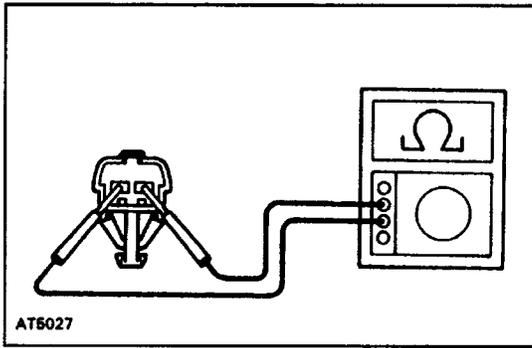
Do not disconnect the ECU connector.

Measure the voltage and continuity between terminals.



AT6297 GA-2-1-1-C GA-3-1

Connector	Terminal	Measured Item	Measuring Condition	Specified Value
A	ACC - E	Voltage	Ignition switch ACC position	10 - 14 V
	IG - E	Voltage	Ignition switch ON position	10 - 14 V
	KLS - E	Voltage	(1) Ignition switch ACC position and "P" range	0 V
			(2) Ignition switch ACC position and other than "P" range	7.5 - 11.5 V
			(3) (2) and approx-after one second	6 - 9 V
	E - Ground	Continuity	All conditions	Continuity
STP - E	Voltage	Release brake pedal	0 V	
		Depress brake pedal	10 - 14V	
B	SLS ⁻ - E	Continuity	All conditions	Continuity
	SLS ⁺ - E	Voltage	(1) Ignition switch ON position and "P" range	0 V
			(2) (1) and depress brake pedal	8.5 - 13.5 V
(3) (2) and release brake pedal or (2) and shift to range other than "P" range			0 V	
C	P ₂ - E	Voltage	(1) Ignition switch ACC position and "P" range	0 - 13.5 V
			(2) (1) and push the shift lever knob, or Ignition switch ACC position and shift to range other than "P" range.	0 V
	P - E	Continuity	All conditions	Continuity
P ₁ - E	Voltage	Ignition switch 4N position, "P" range and brake pedal depressed.	0 V	
		Ignition switch ON position brake pedal depressed and shift to range other than "P" range	9 - 13.5 V	

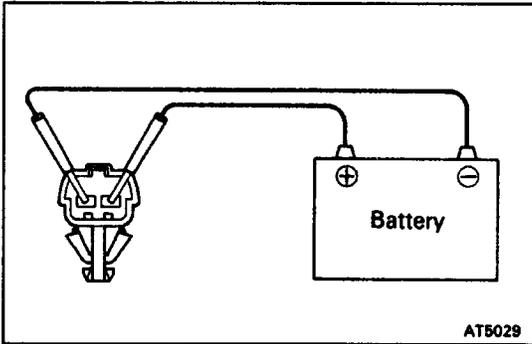


2. INSPECT SHIFT LOCK SOLENOID

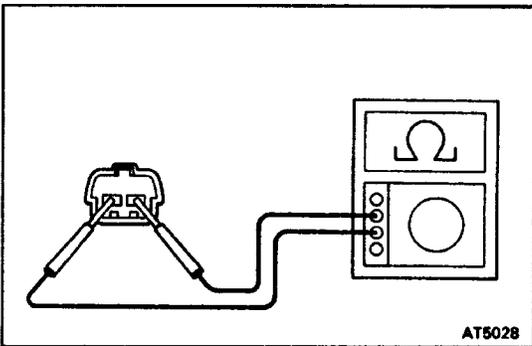
- (a) Disconnect the solenoid connector.
- (b) Using an ohmmeter, measure the resistance between terminals.

Standard resistance:

21–27 Ω



- (c) Apply battery voltage between terminals. Check that an operation noise can be heard from the solenoid.

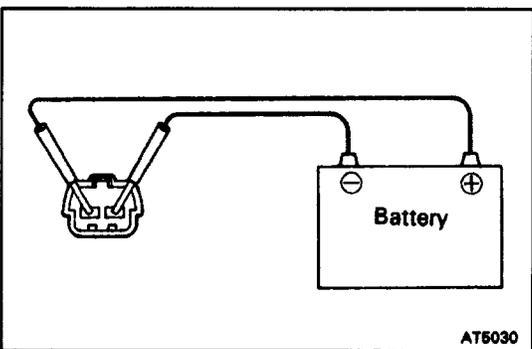


3. INSPECT KEY INTERLOCK SOLENOID

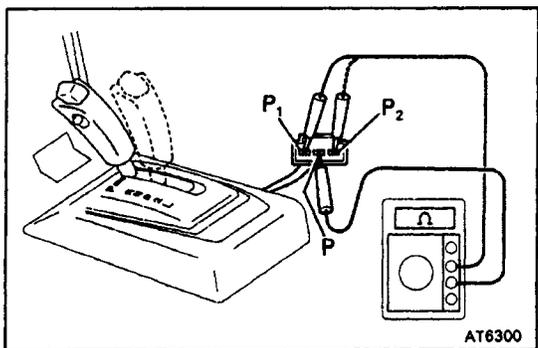
- (a) Disconnect the solenoid connector.
- (b) Using an ohmmeter, measure the resistance between terminals.

Standard resistance:

12.5–16.5Ω



- (c) Apply the battery voltage between terminals. Check that an operation noise can be heard from the solenoid.



4. INSPECT SHIFT LOCK CONTROL SWITCH

Check whether there is continuity between each terminal.

O—O: Continuity

Shift Position	Terminal		
	P	P ₁	P ₂
P range (Release button is not pushed)	○	○	
P Range (Release button is pushed)	○	○	○
R, N, O, 2, L range	○		○

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