INSPECTION

AT0YD–01

1. INSPECT SHIFT LOCK CONTROL ECU
Using a voltmeter, measure the voltage at each terminal.
HINT:
Do not disconnect the ECU connector.

| Terminal	Measuring Condition	Voltage (V)
1 – 7 (KLS+ – E)	(1) IG SW ACC and shift lever P range	0
	(2) IG SW ACC and shift lever except P range	7.5 – 11 (about 1 second) after 6 – 9
4 – 7 (ACC – E)	(1) IG SW ON	10 – 14
	(2) IG SW ACC	10 – 14
8 – 7 (P2 – E)	(1) Shift lever P range	0
	(2) Shift lever except P position	10 – 14
9 – 7 (STP – E)	Depress brake pedal	10 – 14
5 – 7 (IG – E)	IG SW ON	10 – 14
7 – Ground (E – Ground)	Constant	Continuity

*P2: Smart key system only
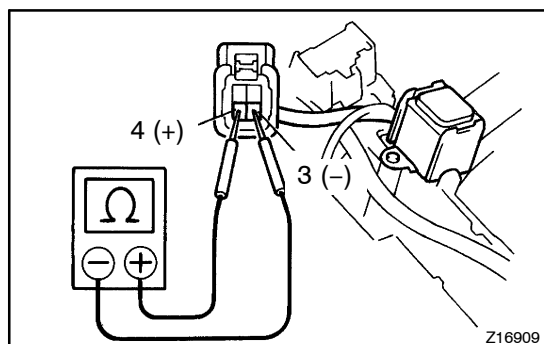
2. Mechanical key only:
INSPECT KEY INTERLOCK SOLENOID
(a) Disconnect the solenoid connector.
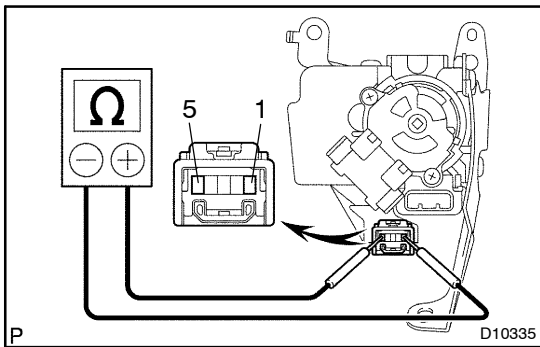(b) Using an ohmmeter, measure the resistance between terminals 3 and 4.
Standard resistance: 12 – 17 Ω
If the resistance value is not as specified, replace the solenoid.
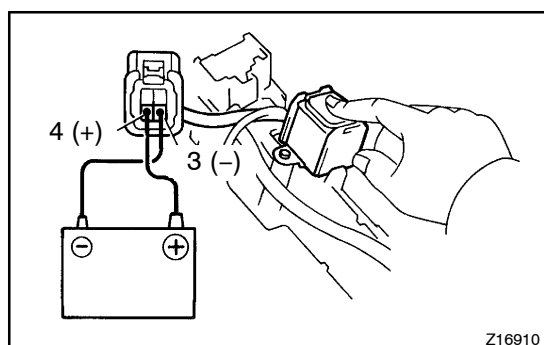
(c) Touch the solenoid with your finger and check that the solenoid operation can be felt when battery voltage is applied intermittently to terminals 3 and 4.
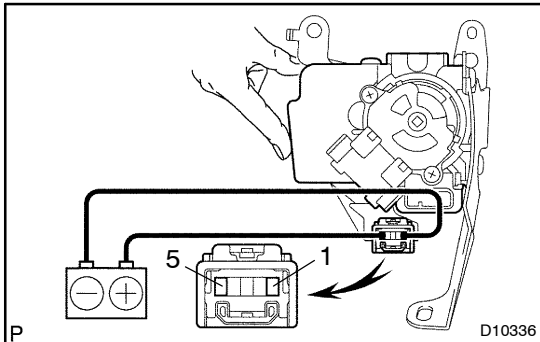If the operation is not as specified, replace the solenoid.

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3. Smart key system only:
   INSPECT KEY INTERLOCK SOLENOID

(a) Disconnect the solenoid connector.

(b) Remove the smart start key (See page SR–10).

(c) Using an ohmmeter, measure the resistance between terminals 1 and 5.
   Standard resistance: 12 – 17 Ω

If the resistance value is not as specified, replace the smart start key assembly.

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(d) Touch the solenoid with your finger and check that the solenoid operation can be felt when battery voltage is applied intermittently to terminals 1 and 5.

If the operation is not as specified, replace the smart key system assembly.