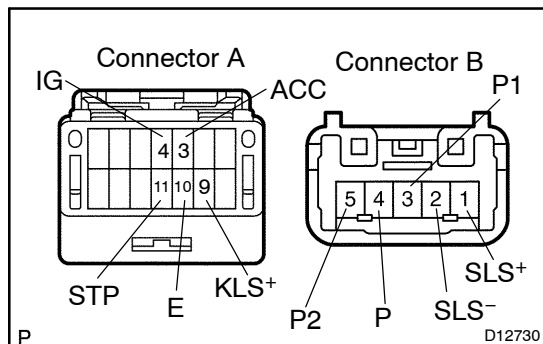




## INSPECTION

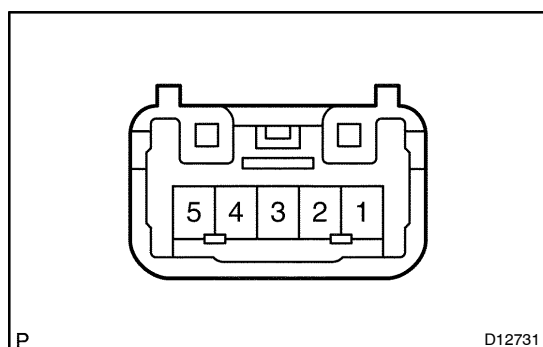
### 1. INSPECT SHIFT LOCK CONTROL ECU

Using a voltmeter, measure the voltage at each terminal.

HINT:

Do not disconnect the ECU connector.

| Terminal                                     | Measuring Condition                                        | Voltage (V) |
|----------------------------------------------|------------------------------------------------------------|-------------|
| <b>Connector A</b>                           |                                                            |             |
| 3 – 10 (ACC – E)                             | Ignition switch ACC                                        | 10 – 14     |
| 4 – 10 (IG – E)                              | Ignition switch ON                                         | 10 – 14     |
| 10 – 11 (E – STP)                            | Depress brake pedal                                        | 10 – 14     |
| 9 – 10 (KLS <sup>+</sup> – E)                | (1) Ignition switch ACC and P position                     | 0           |
|                                              | (2) Ignition switch ACC and except P position              | 7.5 – 10.5  |
|                                              | (3) (After approx. 1 second)                               | 6 – 9       |
| <b>Connector B</b>                           |                                                            |             |
| 1 – 2 (SLS <sup>+</sup> – SLS <sup>-</sup> ) | (1) Ignition switch ON and P position                      | 0           |
|                                              | (2) Depress brake pedal                                    | 8.5 – 13.5  |
|                                              | (3) Shift except P position under conditions above         | 0           |
| 3 – 4 (P1 – P)                               | (1) Ignition switch ON, P position and depress brake pedal | 0           |
|                                              | (2) Shift except P position under condition above          | 9 – 13.5    |
| 4 – 5 (P – P2)                               | (1) Ignition switch ACC and P position                     | 9 – 13.5    |
|                                              | (2) Shift except P position under condition above          | 0           |



### 2. INSPECT SHIFT LOCK SOLENOID

- Disconnect the solenoid connector.
- Using an ohmmeter, measure the resistance between terminal 1 and 2.

**Standard resistance: 21 – 27  $\Omega$**

If the resistance value is not as specified, replace the solenoid.

- Apply the battery positive voltage between terminals. Check that the operation noise can be heard from the solenoid.

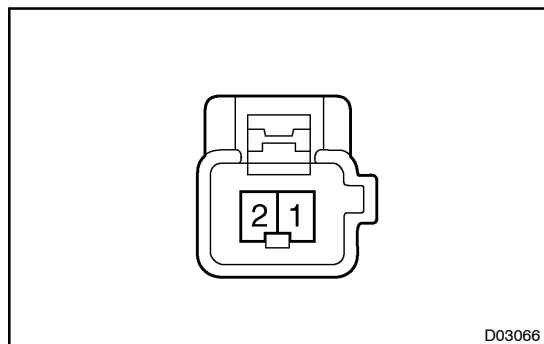
If the solenoid does not operate, replace the solenoid.

### 3. INSPECT SHIFT LOCK CONTROL SWITCH

Inspect that continuity exists between each terminal.

| Shift position                            | Tester connection | Specified value |
|-------------------------------------------|-------------------|-----------------|
| P position (Release button is not pushed) | 3 – 4 (P – P1)    | Continuity      |
| P position (Release button is pushed)     | 3 – 4 (P – P1)    | Continuity      |
|                                           | 4 – 5 (P – P2)    |                 |
| R, N, D, 2, L position                    | 4 – 5 (P – P2)    | Continuity      |

If continuity is not as specified, replace the switch.

**4. INSPECT KEY INTERLOCK SOLENOID**

- (a) Disconnect the solenoid connector.
- (b) Using an ohmmeter, measure the resistance between terminal 1 and 2.

**Standard resistance: 12 – 17  $\Omega$**

If resistance value is not as specified, replace the solenoid.

- (c) Apply the battery positive voltage between terminals 1 and 2. Check that an operation noise can be heard from the solenoid.

If the solenoid does not operate, replace the solenoid.