

DTC**C1761/61****ECU Malfunction****DESCRIPTION**

| DTC No. | DTC Detecting Condition | Trouble Area |
|----------|---|---|
| C1761/61 | When trouble occurs in the 5 V reference to each height control sensor, or trouble occurs inside the suspension control ECU, the DTC is output. | <ul style="list-style-type: none"> Height control sensor sub-assembly power source Suspension control ECU |

1**CONFIRM DTC**

- (a) Check DTCs (See page [SC-28](#)).
 (1) Confirm if the DTC C1774/74 is recorded.

OK:**DTC C1774/74 is not output.****HINT:**

- If DTC C1774/74 (power source circuit) is displayed, carry out the inspection necessary. (See page [SC-79](#)).
- If DTC C1711/11 (right front height control sensor circuit), C1712/12 (left front height control sensor circuit), C1713/13 (right rear height control sensor circuit), C1714/14 (left rear height control sensor circuit) and C1761/61 (ECU malfunction) is output at the same time, carry out the inspection necessary for DTC C1761/61 first.

NG**REPAIR CIRCUIT INDICATED BY OUTPUT CODE****OK****2****CHECK HEIGHT CONTROL OFF INDICATOR LIGHT**

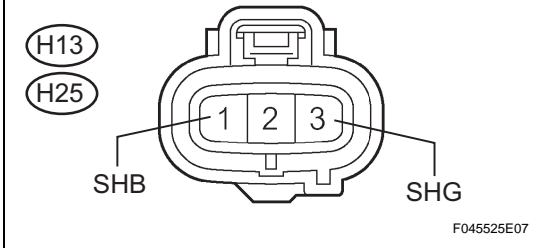
- (a) Turn the ignition switch to the ON position.
 (b) Check the height control OFF indicator light.

OK:**Height control OFF indicator light comes on.****NG****REPLACE SUSPENSION CONTROL ECU****OK**

3 CHECK HARNESS AND CONNECTOR (HEIGHT CONTROL SENSOR SUB-ASSEMBLY POWER SOURCE))

Wire Harness Side:

● Front RH, Rear LH



- (a) Disconnect the height control sensor sub-assembly connector.
- (b) Turn the ignition switch ON.
- (c) Measure the voltage according to the values in the table below.

Resistance (Front RH):

| Tester Connection | Specified Condition |
|---------------------------|---------------------|
| H13-1 (SHB) - H13-3 (SHG) | 4.75 to 5.25 V |

Resistance: (Front LH):

| Tester Connection | Specified Condition |
|---------------------------|---------------------|
| H12-1 (SHG) - H12-3 (SHB) | 4.75 to 5.25 V |

Resistance: (Rear RH):

| Tester Connection | Specified Condition |
|----------------------------|---------------------|
| H26-1 (SHG) - H26-?3 (SHB) | 4.75 to 5.25 V |

Resistance: (Rear LH):

| Tester Connection | Specified Condition |
|---------------------------|---------------------|
| H25-1 (SHB) - H25-3 (SHG) | 4.75 to 5.25 V |

NG → **CHECK HEIGHT CONTROL SENSOR SUB-ASSEMBLY CIRCUIT**

OK

4 CHECK HARNESS AND CONNECTOR (SUSPENSION CONTROL ECU - AFS ECU)

- (a) Turn the ignition switch to the OFF position.
- (b) Disconnect the suspension control ECU S15 connector.
- (c) Measure the resistance according to the values in the table below.

Resistance

| Tester Connection | Specified Condition |
|-----------------------------|---------------------|
| S15-19 (SBL3) - Body ground | 10 kΩ or higher |

NG → **REPLACE HARNESS OR CONNECTOR**

OK

SC

5 INSPECT SUSPENSION CONTROL ECU

- (a) Turn the ignition switch to the OFF position.
- (b) Measure the voltage according to the values in the table below.

Voltage

| Tester Connection | Specified Condition |
|--------------------------|---------------------|
| S15-6 (B) - S16-1 (GND) | 10 to 14 V |
| S15-6 (B) - S15-5 (GND2) | 10 to 14 V |

NG**CHECK POWER SOURCE CIRCUIT****OK****REPLACE SUSPENSION CONTROL ECU**