DTC	C1761	ECU MALFUNCTION

CIRCUIT DESCRIPTION

| DTC No.	DTC Detecting Condition	Trouble Area
C1761	DTC is output when trouble occurs inside the suspension control ECU.	• Height control sensor power source circuit • Suspension control ECU

INSPECTION PROCEDURE

1	CONFIRM DTC

(a) Check DTCs (see page 05–248).
　　(1) Confirm if DTC C1774 is recorded.
　　OK:
　　DTC C1774 is not output.
HINT:
If DTC C1774 (power source circuit) is displayed, carry out the inspection necessary (see page 05–316).

> NG ⟩ | REPAIR CIRCUIT INDICATED BY OUTPUT CODE |

⮟ OK

2	CHECK HARNESS AND CONNECTOR(HEIGHT CONTROL SENSOR SUB–ASSY POWER SOURCE) (SEE PAGE 01–44)

Front Height Control Sensor Sub–assy:

F45812

Rear Height Control Sensor Sub–assy:

F45525
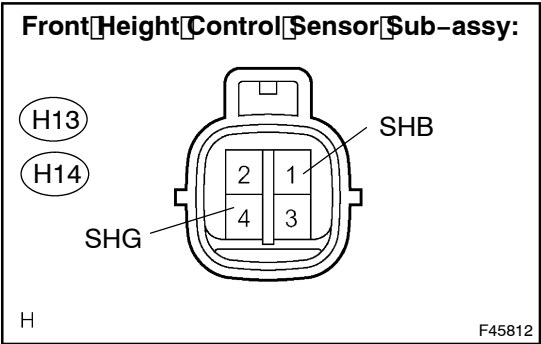
(a) Disconnect the height control sensor sub–assy connector.

(b) Turn the ignition switch to the ON position.

(c) Measure the voltage according to the value(s) in the table below.

Standard (Front RH):

Tester Connection	Specified Condition
H14–1 (SHB) – H14–4 (SHG)	4.5 to 5.5 V

Standard (Front LH):

Tester Connection	Specified Condition
H13–1 (SHB) – H13–4 (SHG)	4.5 to 5.5 V

Standard (Rear RH):

Tester Connection	Specified Condition
H31–1 (SHB) – H31–3 (SHG)	4.5 to 5.5 V

Standard (Rear LH):

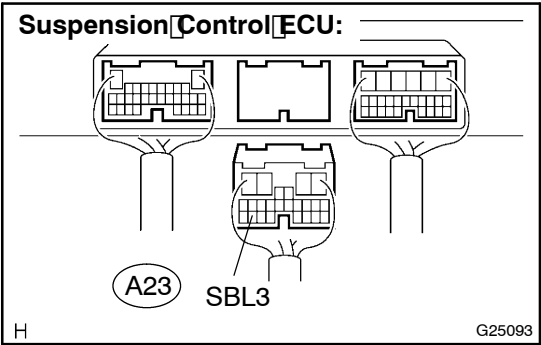| Tester Connection	Specified Condition
H30–1 (SHG) – H30–3 (SHB)	4.5 to 5.5 V
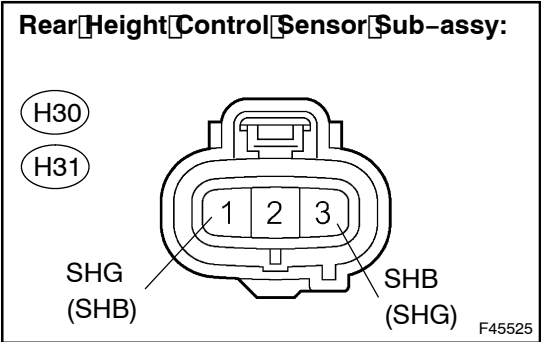
NG ▷ **CHECK HEIGHT CONTROL SENSOR SUB–ASSY CIRCUIT (SEE PAGE 05–257)**

OK ▽

3	CHECK HARNESS AND CONNECTOR(SUSPENSION CONTROL ECU – BODY GROUND) (SEE PAGE 01–44)

Suspension Control ECU:

G25093

(a) Turn the ignition switch off.

(b) Disconnect the suspension control ECU A23 connector.

(c) Measure the resistance according to the value(s) in the table below.

Standard:

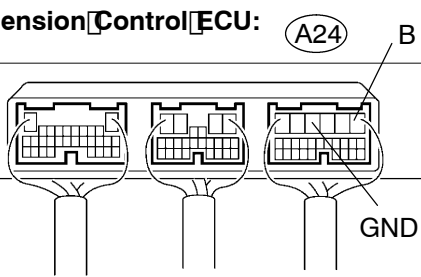| Tester Connection	Specified Condition
A23–23 (SBL3) – Body ground	10 kΩ or higher

NG ▷ **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK ▽

| 4 | INSPECT SUSPENSION CONTROL ECU(ECU POWER SOURCE) |

Suspension Control ECU: (A24) B

GND

H   G25359

(a) Turn the ignition switch off.
(b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
A24–1 (B) – A24–4 (GND)	10 to 14 V

NG > **CHECK POWER SOURCE CIRCUIT(SEE PAGE 05–316)**

OK

REPLACE SUSPENSION CONTROL ECU (SEE PAGE 25–20)