DTC C1761/61 ECU MALFUNCTION

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1761/61	Suspension control ECU malfunction	• Suspension control ECU

INSPECTION PROCEDURE

HINT:

- If DTC C1774/74 (power source circuit) is displayed, perform the inspection necessary for DTC C1774/74 first (See page 05-632).
- DTC C1713/13 (right rear height control sensor circuit), C1714/14 (left rear height control sensor circuit) and C1761/61 (ECU malfunction) is are output at the same time, perform the inspection necessary for DTC C1761/61 first.

1 INSPECT HEIGHT CONTROL OFF INDICATOR LAMP

(a) Turn the ignition switch to ON, and check the height control OFF indicator lamp.

Result:

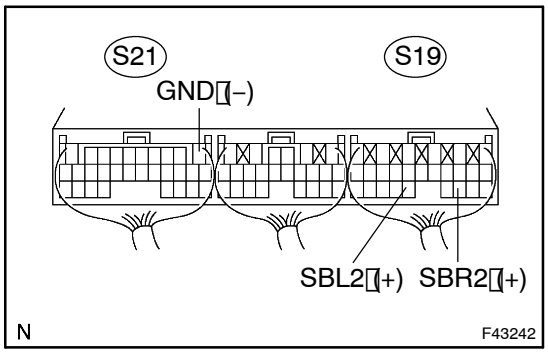
A: Height control OFF indicator lamp comes on

B: Height control OFF indicator lamp does not come on

B → **REPLACE SUSPENSION CONTROL ECU**

A

2 INSPECT SUSPENSION CONTROL ECU (HEIGHT CONTROL SENSOR SUB-ASSY REAR POWER SOURCE)



(a) Remove the suspension control ECU with connectors being connected.

(b) Turn the ignition switch to ON, and measure voltage between terminal S19-20 (SBR2) and S21-1 (GND) and between terminal S19-22 (SBL2) and S21-1 (GND) of the suspension control ECU connector.

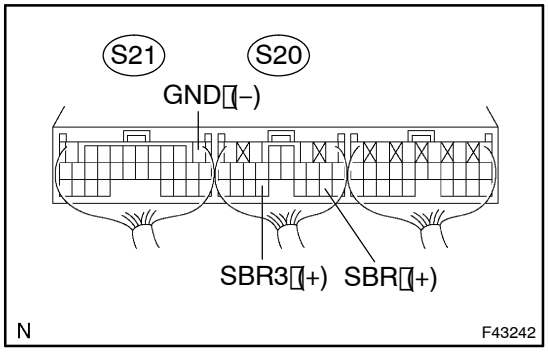
Standard:

4.5 – 5.5 V

NG → **CHECK HEIGHT CONTROL SENSOR SUB-ASSY CIRCUIT (See page 05-598)**

OK

3	INSPECT SUSPENSION CONTROL ECU (ACCELERATION SENSOR POWER SOURCE)

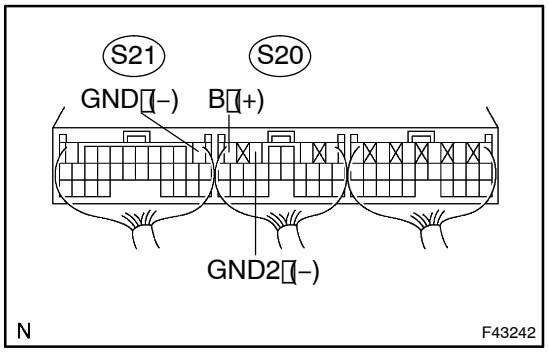


(a) Turn the ignition switch to ON, and measure voltage between terminal S20–18 (SBR) and S21–17 (GND) and between terminal S20–21 (SBR3) and S21–17 (GND) of the suspension control ECU connector.
Standard:
4.5 – 5.5 V

NG → **CHECK ACCELERATION SENSOR CIRCUIT (See page 05–603)**

OK

4	INSPECT SUSPENSION CONTROL ECU (ECU POWER SOURCE)



(a) Turn the ignition switch to OFF, and measure voltage between terminal S20–6 (B) and S21–17 (GND) and between terminal S20–6 (B) and S21–5 (GND2) of the suspension control ECU connector.
Standard:
10 – 14 V

NG → **CHECK POWER SOURCE CIRCUIT (See page 05–632)**

OK

REPLACE SUSPENSION CONTROL ECU