

DTC	C1761/61	ECU MALFUNCTION
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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 05-520).
- If DTC C1713/13 (right rear height control sensor circuit), C1714/14 (left rear height control sensor circuit) and C1761/61 (ECU malfunction) 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 ON, and check the height control OFF indicator lamp.

Result:

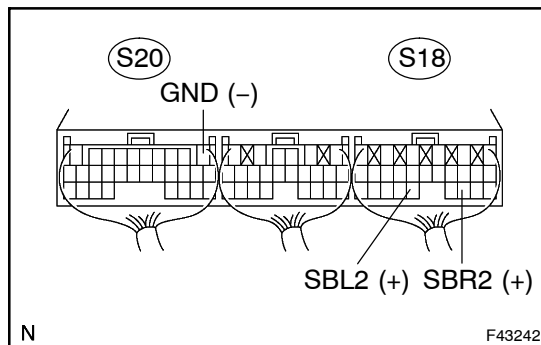
A: Height control OFF indicator lamp comes on

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 ON, and measure voltage between terminals S18-20 (SBR2) and S20-1 (GND) and between terminals S18-22 (SBL2) and S20-1 (GND) of the suspension control ECU connector.

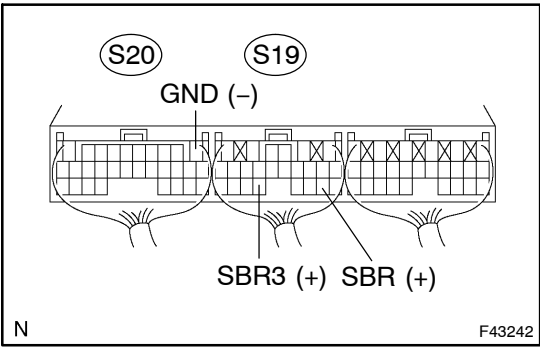
Standard:

4.5 to 5.5 V

NG → CHECK HEIGHT CONTROL SENSOR SUB-ASSY CIRCUIT (See page 05-486)

OK

3 INSPECT SUSPENSION CONTROL ECU(ACCELERATION SENSOR POWER SOURCE)

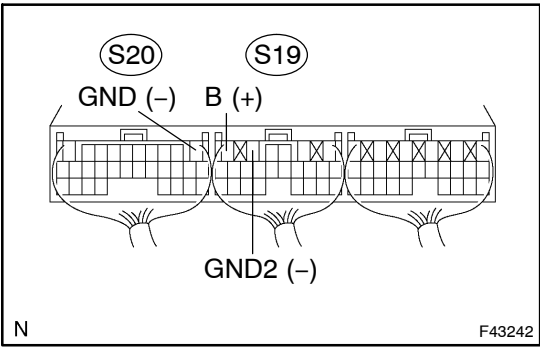


- (a) Turn the ignition switch ON, and measure voltage between terminals S19-18 (SBR) and S20-1 (GND) and between terminals S19-21 (SBR3) and S20-1 (GND) of the suspension control ECU connector.
Standard:
4.5 to 5.5 V

NG → **CHECK ACCELERATION SENSOR CIRCUIT (See page 05-491)**

OK

4 INSPECT SUSPENSION CONTROL ECU(ECU POWER SOURCE)



- (a) Turn the ignition switch OFF, and measure voltage between terminals S19-6 (B) and S20-1 (GND) and between terminals S19-6 (B) and S20-5 (GND2) of the suspension control ECU connector.
Standard:
10 to 14 V

NG → **CHECK POWER SOURCE CIRCUIT (See page 05-520)**

OK

REPLACE SUSPENSION CONTROL ECU