

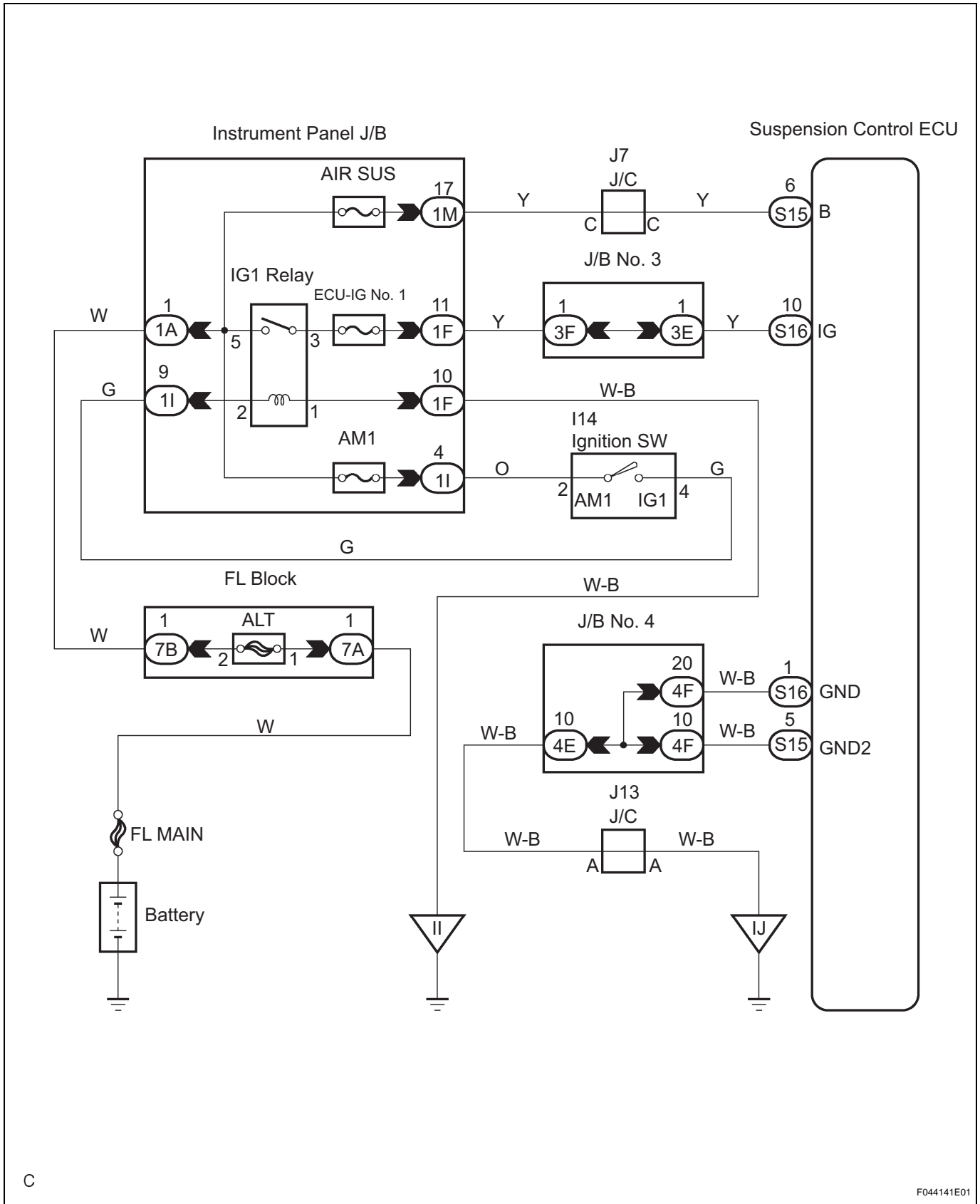
<b>DTC</b>	<b>C1774/74</b>	<b>Power Source Circuit</b>
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**DESCRIPTION**

Battery voltage is constantly applied to the +B terminal of the suspension control ECU. It is applied to the IG terminal when the ignition switch is on.

<b>DTC No.</b>	<b>DTC Detecting Condition</b>	<b>Trouble Area</b>
C1774/74	The terminal B or IG voltage is detected being below or above a constant voltage for 0.5 seconds. S Battery	<ul style="list-style-type: none"><li>• Battery</li><li>• Power source circuit</li><li>• Suspension control ECU 05C14?01</li></ul>

WIRING DIAGRAM



SC

**1 CHECK SOURCE VOLTAGE**

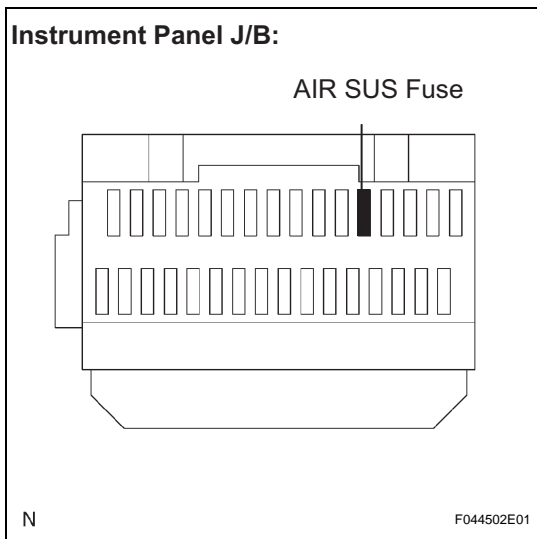
(a) Check the positive battery voltage.

**Voltage:**  
10 to 14 V

**NG** → **REPLACE BATTERY**

**OK**

**2 INSPECT FUSE (AIR SUS NO.2)**



(a) Remove the AIR SUS No. 2 fuse and ECU-IG fuse from the instrument panel J/B.

(b) Check fuse.

(1) Check continuity of the AIR SUS No. 2 fuse.

**Standard:**  
**Continuity**

**NG** → **REPLACE FUSE**

**OK**

**3 INSPECT FUSE (ECU-IG)**

(a) Remove the ECU-IG fuse from the instrument panel J/B.

(b) Check fuse.

(1) Check continuity of the ECU-IG fuse.

**Standard:**  
**Continuity**  
**Result**

Result	Proceed to
OK	A (When using intelligent tester)
	(Reference) B (When not using intelligent tester)
NG	C

**B** → **Go to step 5**

**C** → **REPLACE FUSE**

A

**4 INSPECT SUSPENSION CONTROL ECU**

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to the ON position, and push the intelligent tester main switch on.
- (c) Select the item below in the ACTIVE TEST, and operate it with the intelligent tester.

**AIRSUS**

Item	Normal Condition
IG VOLTAGE	Actual ECU power supply voltage: 10 to 14 V
POWER VOLTAGE	Actual ECU power supply voltage: 10 to 14 V

- (d) Check the voltage.

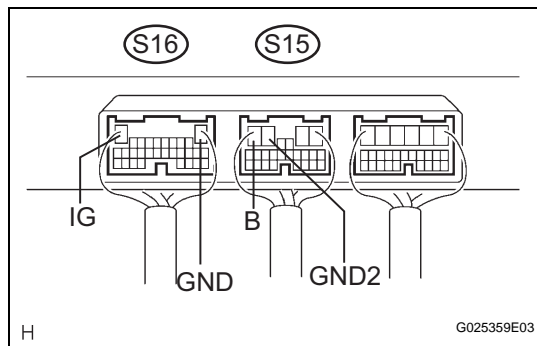
**Voltage:**  
10 to 14 V

**NG** → **Go to step 6**

OK

**REPLACE SUSPENSION CONTROL ECU**

**5 INSPECT SUSPENSION CONTROL ECU**



- (a) Remove the suspension control ECU with connectors being connected.
- (b) Turn the ignition switch to the ON position.
- (c) 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
S16-10 (IG) - S16-1 (GND)	10 to 14 V
S16-10 (IG) - S15-5 (GND2)	10 to 14 V

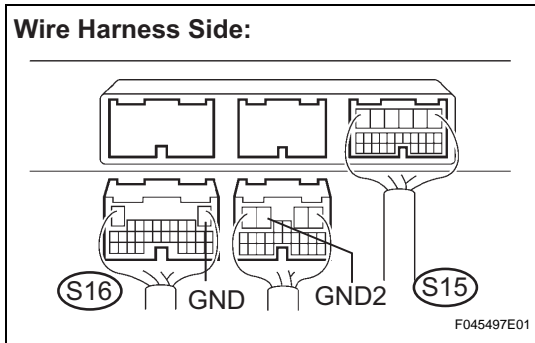
**NG** → **Go to step 6**

OK

**REPLACE SUSPENSION CONTROL ECU**

**6 CHECK HARNESS AND CONNECTOR (SUSPENSION CONTROL ECU - BODY GROUND)**

Wire Harness Side:



- (a) Disconnect the suspension control ECU S15 and S16 connectors.
- (b) Measure the resistance according to the values in the table below.

**Resistance**

Tester Connection	Specified Condition
S16-1 (GND) - Body ground	Below 1 Ω
S15-5 (GND2) - Body ground	Below 1 Ω

**Result**

Result	Proceed to
NG	Repair or replace the harness or the connector between the suspension control ECU and body ground.
OK	When B terminal malfunctions: Repair or replace the harness or the connector between the AIR SUS No. 2 fuse and the suspension control ECU.
	When IG terminal malfunctions: Repair or replace the harness or the connector between the ECU-IG fuse and the suspension control ECU.

**NG** → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**

**REPLACE SUSPENSION CONTROL ECU**