

<b>DTC</b>	<b>41</b>	<b>IG Power Source Circuit</b>
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## CIRCUIT DESCRIPTION

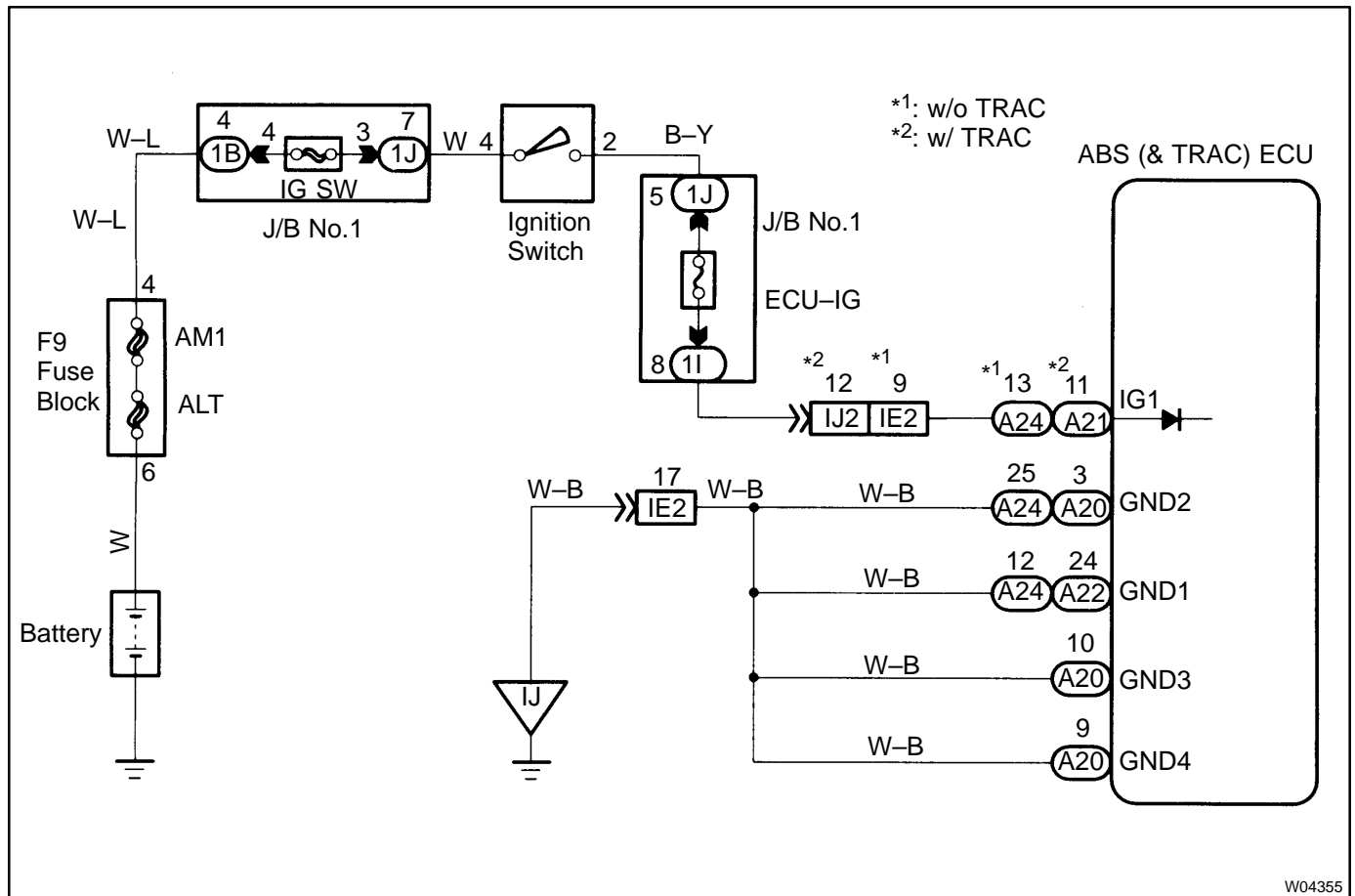
This is the power source for the ECU and becomes the power source for the CPU and actuators.

DTC No.	DTC Detecting Condition	Trouble Area
41	Vehicle speed is 3 km/h (1.9 mph) or more and voltage of ECU terminal IG remains at below 9.5 V for more than 10 sec.	<ul style="list-style-type: none"> <li>• Battery</li> <li>• IC regulator</li> <li>• Open or short in power source circuit</li> </ul>

Fail safe function:

If trouble occurs in the power source circuit, the ECU cuts off current to the ABS solenoid relay and prohibits ABS control.

## WIRING DIAGRAM



W04355

## INSPECTION PROCEDURE

## 1 Check battery positive voltage.

**OK:**

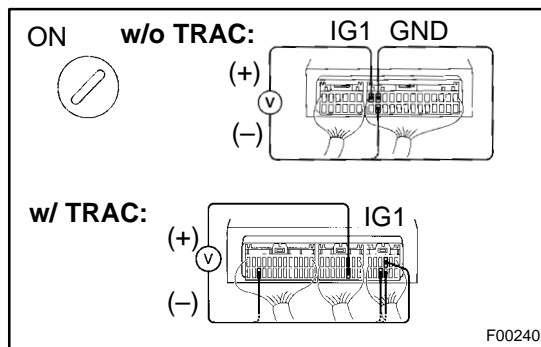
Voltage: 10 – 14 V

**NG**

Check and repair the charging system.

**OK**

## 2 Check voltage between terminals IG and GND of ABS (&amp; TRAC) ECU connector.

**PREPARATION:**

Remove ABS (&amp; TRAC) ECU with connector still connected.

**CHECK:**

- (a) Turn the ignition switch ON.
- (b) Measure voltage between terminals IG1 and GND of ABS (& TRAC) ECU connector.

**OK:**

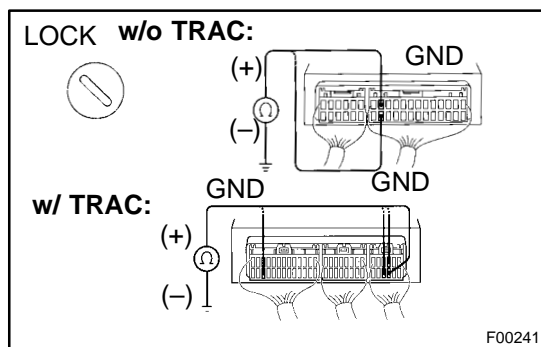
Voltage: 10 – 14 V

**OK**

Turn the IG switch OFF, check and replace ABS (&amp;TRAC) ECU.

**NG**

## 3 Check continuity between terminal GND of ABS (&amp; TRAC) ECU connector and body ground.

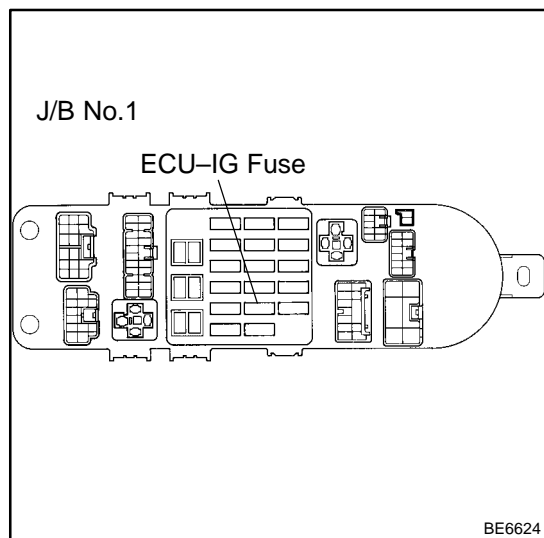
**CHECK:**

Measure resistance between terminals GND of ABS (&amp; TRAC) ECU connector and body ground.

**OK:**Resistance: 1  $\Omega$  or less**NG**

Repair or replace harness or connector.

**OK**

**4 Check ECU-IG fuse.****PREPARATION:**

Remove ECU-IG fuse from J/B No.1.

**CHECK:**

Check continuity of ECU-IG fuse.

**OK:**

**Continuity**

**NG**

Check for short in all the harness and components connected to ECU-IG fuse  
(See attached wiring diagram).

**OK**

Check for open in harness and connector between ABS (& TRAC) ECU and battery  
(See page [IN-29](#)).