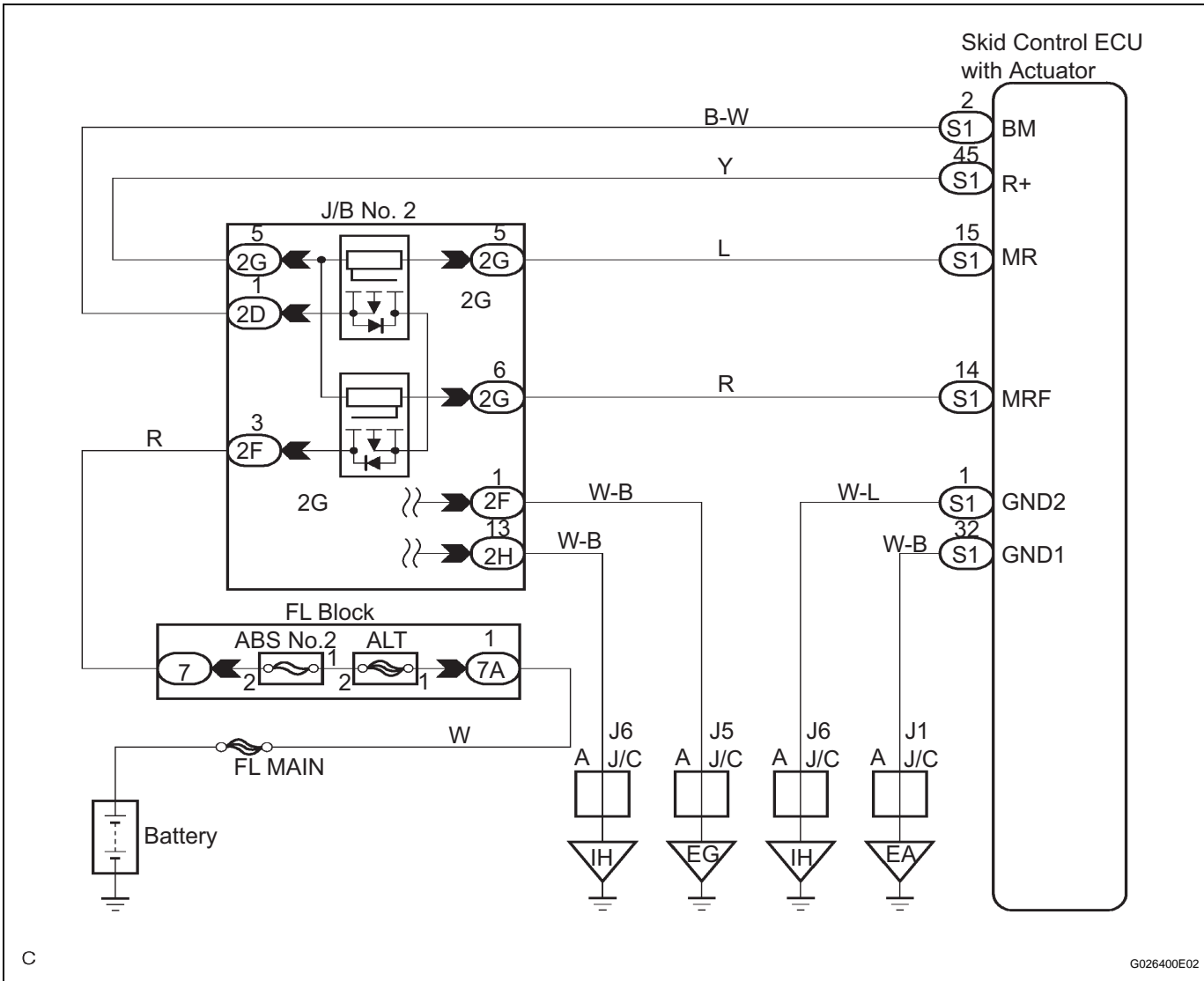


<b>DTC</b>	<b>C1251/51</b>	<b>Open in Pump Motor Circuit</b>
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**DESCRIPTION**

DTC No.	DTC Detection Condition	Trouble Area
C1251/51	ABS pump motor is not operating normally.	<ul style="list-style-type: none"> <li>• ABS &amp; TRAC actuator</li> <li>• ABS &amp; TRAC actuator circuit</li> </ul>

**WIRING DIAGRAM**



**HINT:**

Start the inspection from step 1 in case of using the intelligent tester and start from step 2 in case of not using the intelligent tester.

<b>1</b>	<b>PERFORM ACTIVE TEST BY INTELLIGENT TESTER (ABS MOTOR RELAY OPERATION)</b>
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- (a) Connect the intelligent tester to the DLC3.
- (b) Start the engine.
- (c) Select the ACTIVE TEST mode on the intelligent tester.

- (d) Check the operation sound of the ABS motor individually when operating it with the intelligent tester.

Item	Vehicle Condition / Test Details	Diagnostic Note
ABS MOT RELAY	ABS motor relay / ON or OFF	Operation of motor (clicking sound) can be heard

**OK:**

The operation sound of the ABS motor should be heard.

**NOTICE:**

When replacing the ABS & TRACTION actuator assembly, perform zero point calibration (See page BC-5).

**NG** → **Go to step 2**

**OK**

**REPLACE ABS AND TRACTION ACTUATOR**

**2 INSPECT HARNESS AND CONNECTOR (GND1 OF SKID CONTROL ECU AND BODY)**

- (a) Disconnect the skid control ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

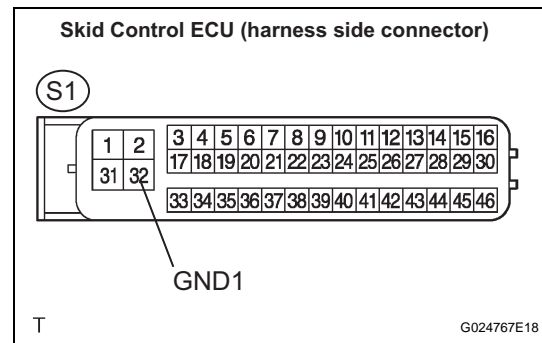
**Resistance**

Tester Connection	Specified Condition
S1-32 (GND1) - Body ground	Below 1 Ω

**NOTICE:**

When replacing the ABS & TRACTION actuator assembly, perform zero point calibration (See page BC-5).

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



**OK**

**REPLACE ABS AND TRACTION ACTUATOR**