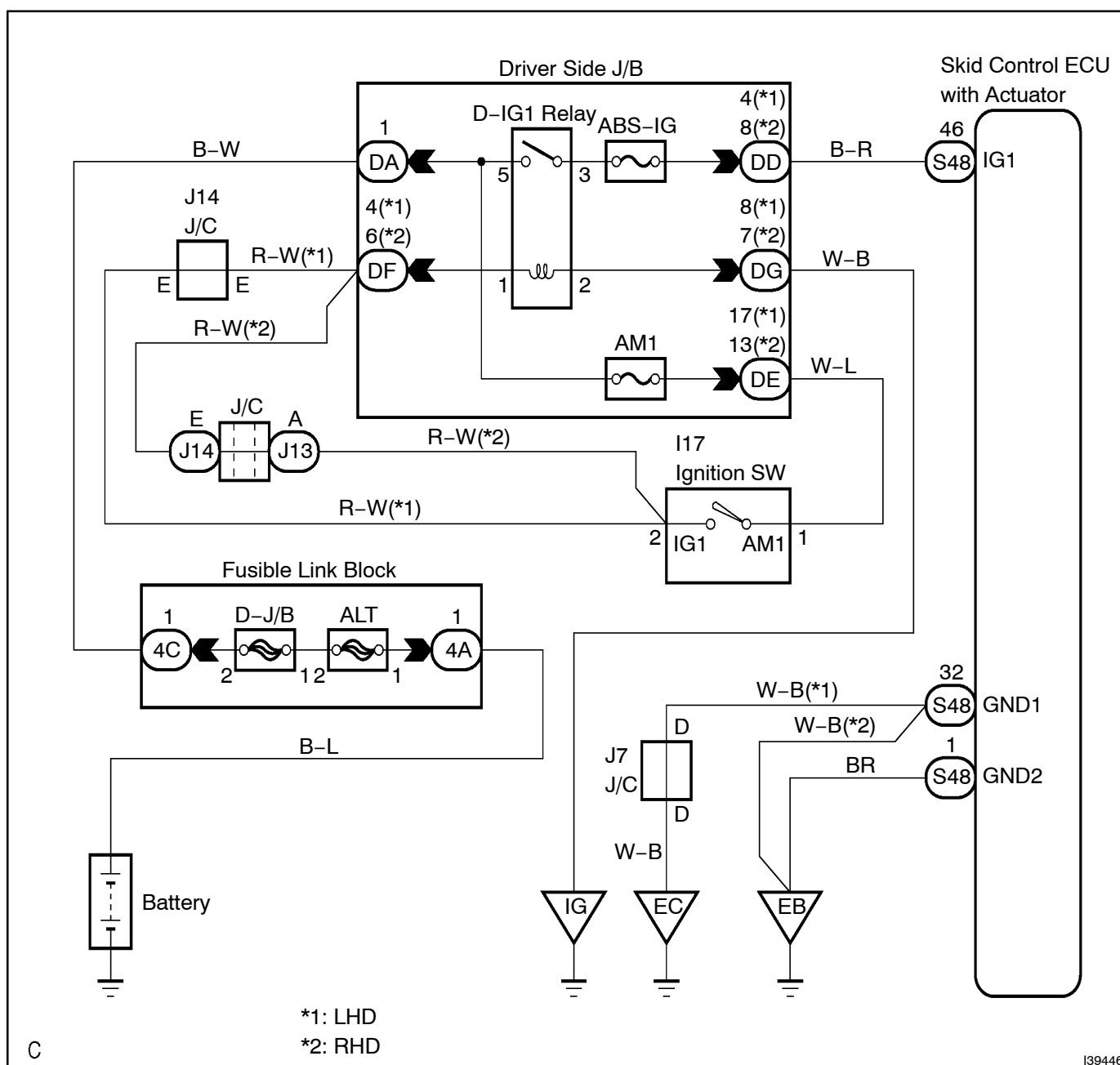


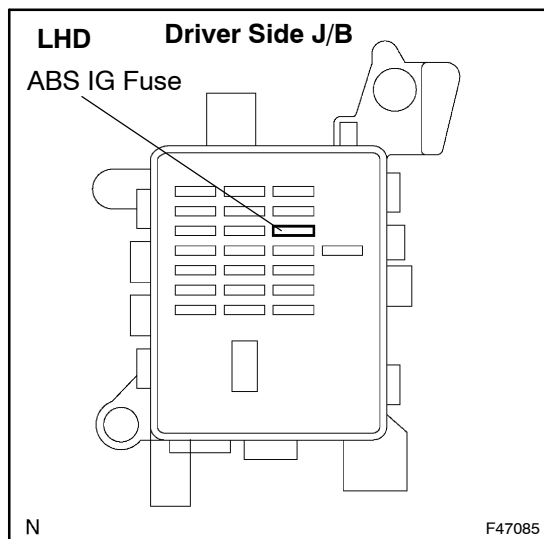
DTC**C1241/41****LOW BATTERY POSITIVE VOLTAGE****CIRCUIT DESCRIPTION**

DTC No.	DTC Detecting Condition	Trouble Area
C1241/41	When any of the following (1 to 2) is detected: (1) All of the following conditions continue for at least 10 seconds. • Vehicle speed is more than 3 km/h (2 mph). • IG1 terminal voltage is less than 9.5 V. (2) All of the following conditions continue for at least 0.2 seconds. • Solenoid relay remains ON. • IG1 terminal voltage is less than 9.5 V. • Relay contact is open.	• Battery • Charging system • Power source circuit

WIRING DIAGRAM

INSPECTION PROCEDURE

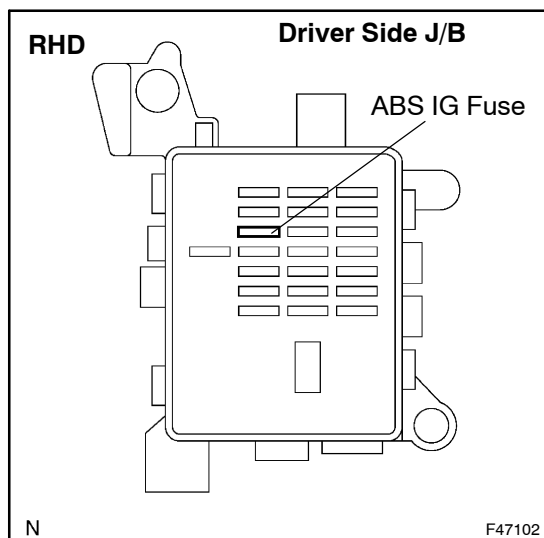
1 INSPECT FUSE(ABS-IG FUSE)



- (a) Remove the ABS-IG Fuse from the driver side J/B.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
ABS-IG fuse	Below 1 Ω (Continuity)

**NG****INSPECT FOR SHORT CIRCUIT IN ALL HARNESS AND COMPONENTS CONNECTED TO ECU-IG FUSE****OK**

2 INSPECT BATTERY

- (a) Check the battery voltage.

Standard:**Voltage: 10 to 14 V****NG****INSPECT CHARGING SYSTEM
(SEE PAGE 19-23)****OK**

3 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(IG1 TERMINAL)

- (a) Connect the intelligent tester II to the DLC3.
 (b) Start the engine.
 (c) Select the DATA LIST mode on the intelligent tester II.

Item	Measurement Item / Range (Display)	Normal Condition
ECU IG Power Voltage	ECU power supply voltage/ UNDER / NORMAL / OVER	OVER: 14 V or over NORMAL: 9.5 V to 14 V UNDER: Below 9.5 V

- (d) Read the voltage condition output from the ECU displayed on the intelligent tester II.

OK:

"Normal" is displayed.

NG

Go to step 4

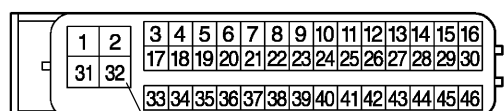
OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32-53)**NOTICE:**

When replacing the ABS & TRACTION actuator assy, perform zero point calibration (see page 05-387).

4 INSPECT SKID CONTROL ECU CONNECTOR(GND TERMINAL CONTINUITY)

Skid Control ECU
 (harness side connector) (S48)



GND

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

Standard:

Tester Connection	Specified Condition
S48-32 (GND) - Body ground	Below 1 Ω

NG

**REPAIR OR REPLACE HARNESS OR CONNECTOR
 (GND TERMINAL - BODY GROUND)**

OK

CHECK AND REPAIR HARNESS AND CONNECTOR(IG1 TERMINAL - BATTERY)