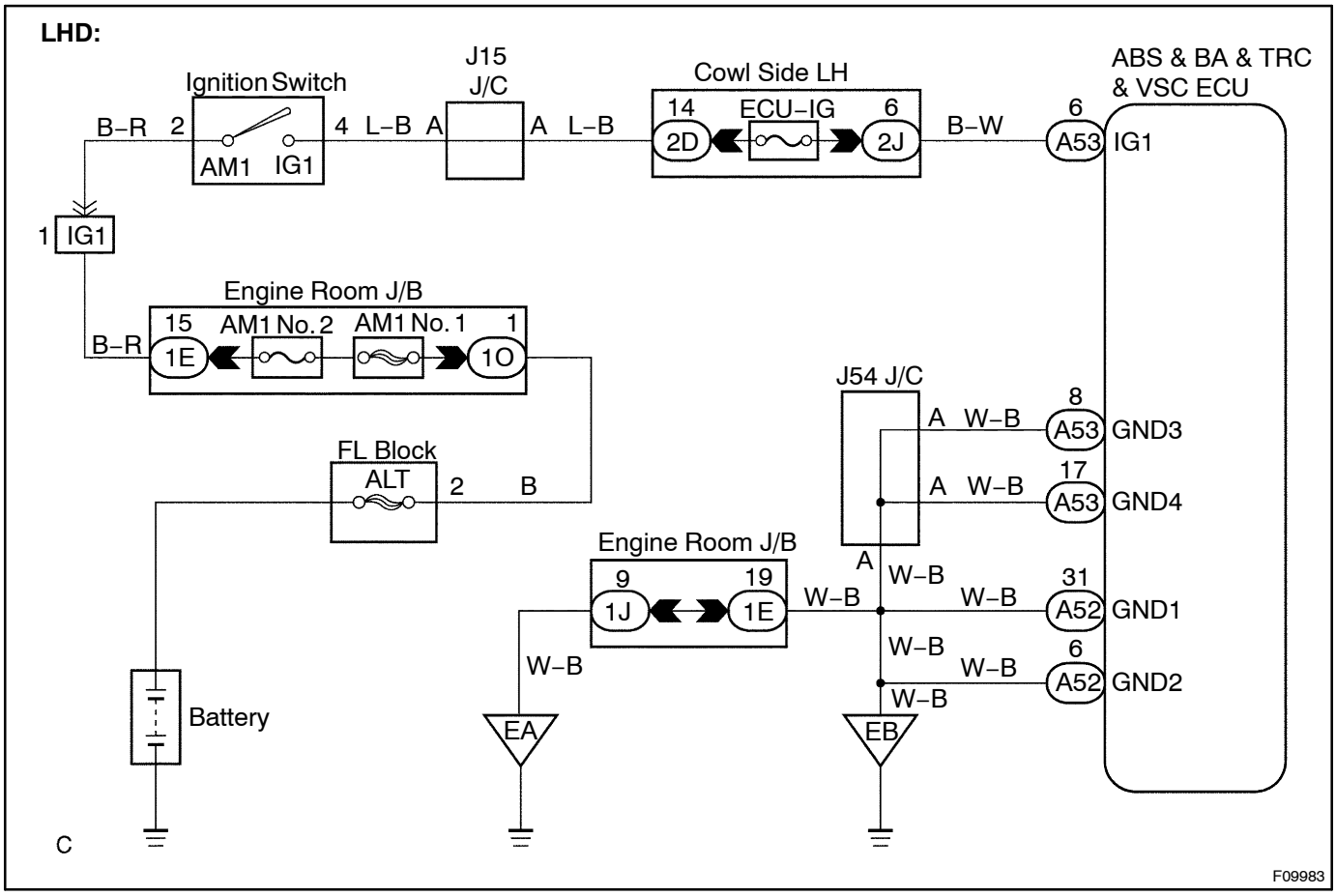
DI6XU–01

DTC	C 1257 / 57	Power Supply Drive Circuit

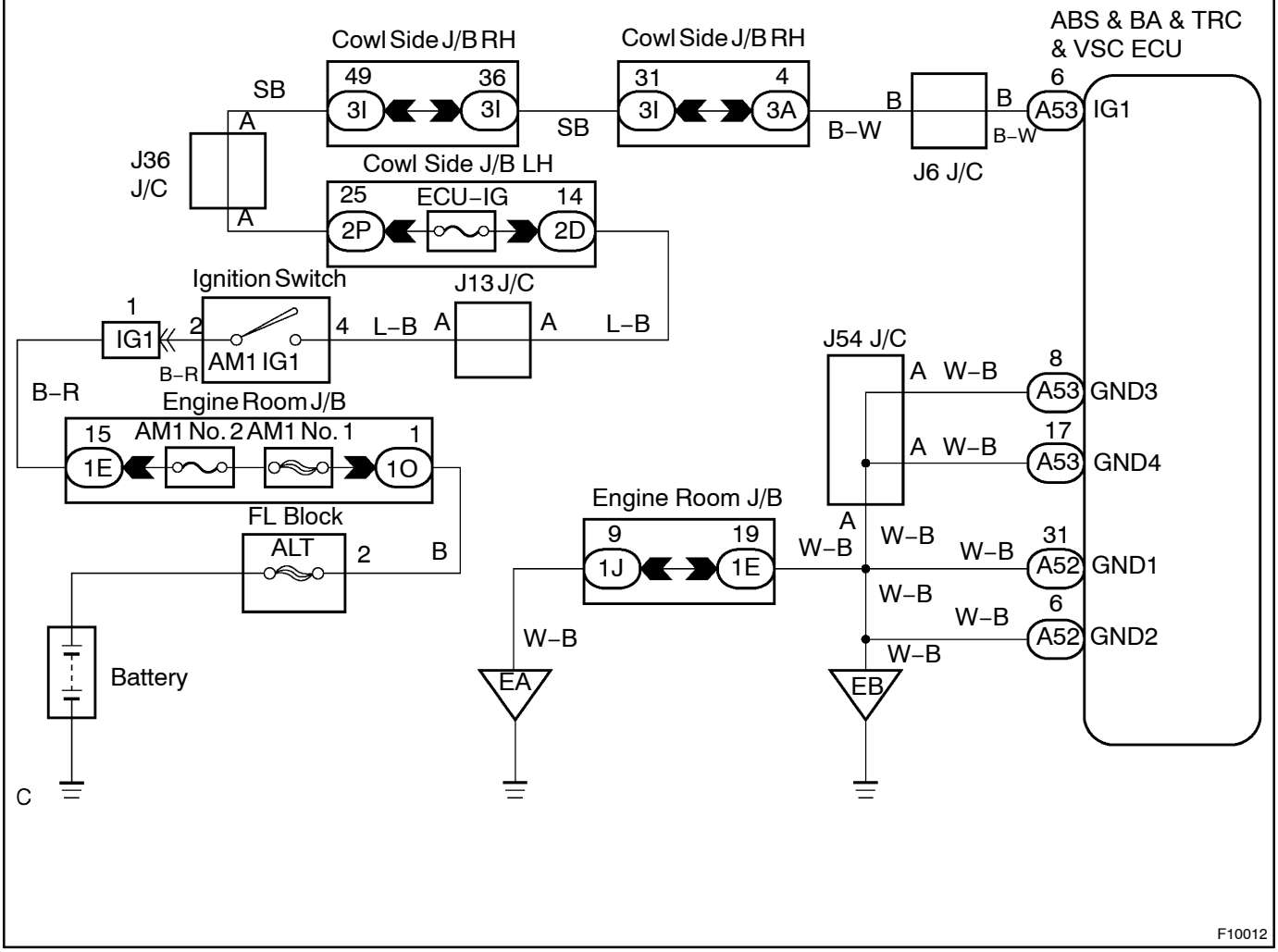
CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1257 / 57	When malfunction inside ECU is detected.	• Battery • Power source circuit • ABS & BA & TRC & VSC ECU

WIRING DIAGRAM



RHD:



INSPECTION PROCEDURE

1	**Check battery voltage.**

OK:

Voltage: 10 – 14 V

NG → **Check and repair the charging system.**

OK

2	**Check voltage of the ECU IG power source.**

In case of using the hand –held tester.

PREPARATION:

(a) Connect the hand –held tester to the DLC3.

(b) Turn the ignition switch ON and push the hand –held tester main switch ON.

(c) Select the DATALIST mode on the hand –held tester.

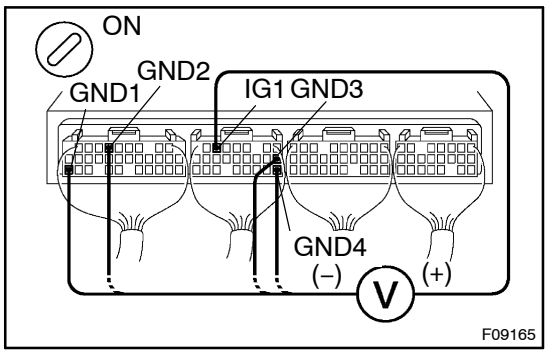
CHECK:

Check the voltage condition output from the ECU displayed on the hand –held tester.

OK:

"Normal" is displayed.

In case of not using the hand –held tester:



PREPARATION:

Remove ABS & BA & TRC & VSC ECU with connectors still connected.

CHECK:

(a) Turn the ignition switch ON.

(b) Measure voltage between terminals IG1 and GND of ABS & BA & TRC & VSC ECU connector.

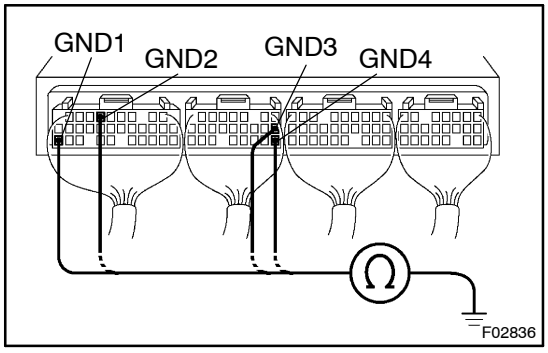
OK:

Voltage: 10 – 14 V

OK	**Turn ignition switch OFF, check and replace ABS & BA & TRC & VSC ECU.**

NG

3	**Check continuity between terminal GND of ABS & BA & TRC & VSC ECU connector and body ground.**



CHECK:

Measure resistance between terminal GND of ABS & BA & TRC & VSC ECU connector and body ground.

OK:

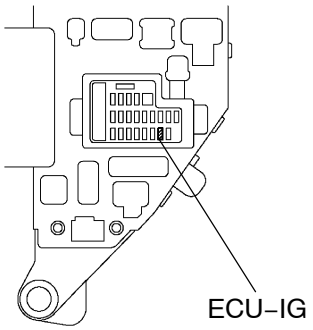
Resistance: 1 Ω or less

NG	**Repair or replace harness or connector.**

OK

4	Check ECU –IG fuse.

Cowl Side J/B LH:



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PREPARATION:

Remove ECU –IG fuse from the cowl side J/B LH.

CHECK:

Check continuity of ECU –IG fuse.

OK:

Continuity

NG → **Check for short circuit in all the harness and components connected to ECU –IG fuse (See attached wiring diagram).**

OK

Check for open circuit in harness and connector between ABS & BA & TRC & VSC ECU and battery (See page IN–35).