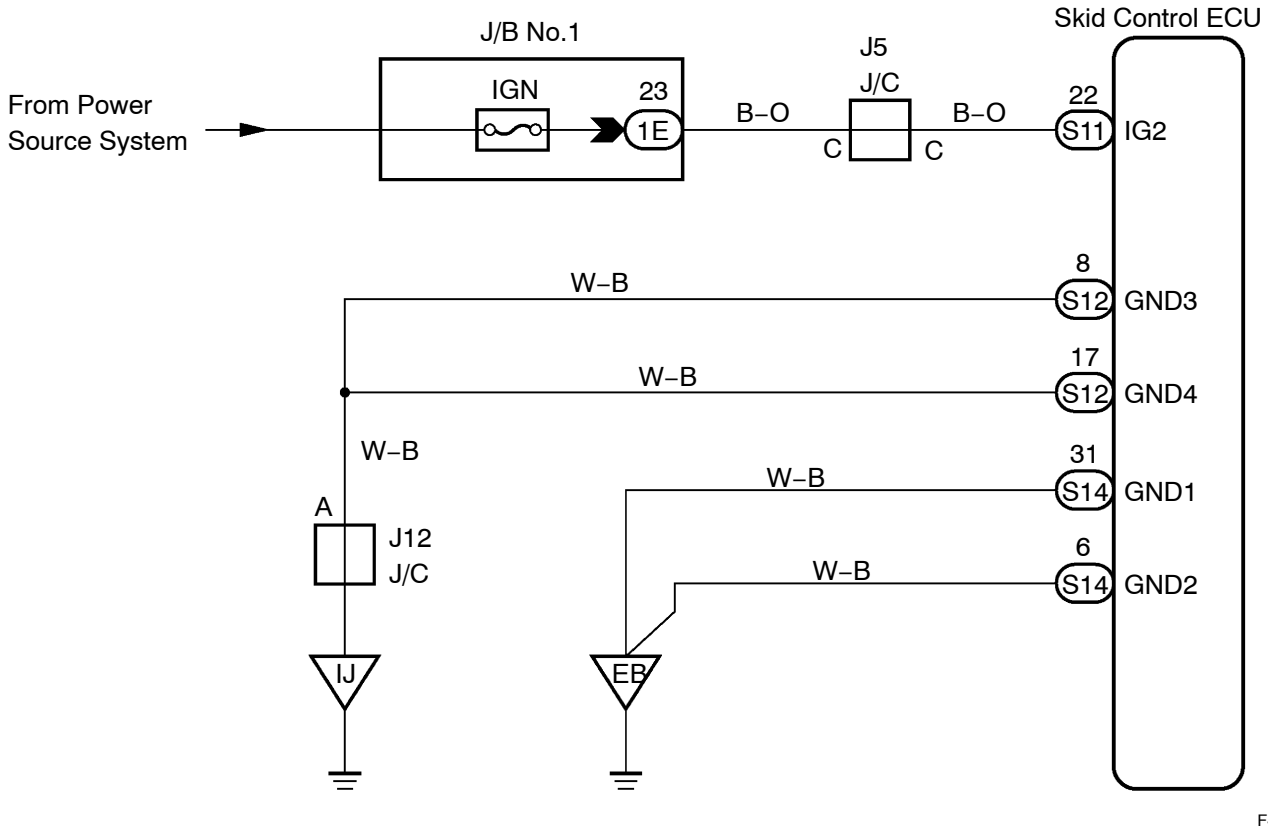
DTC C1242/42 IG2 POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

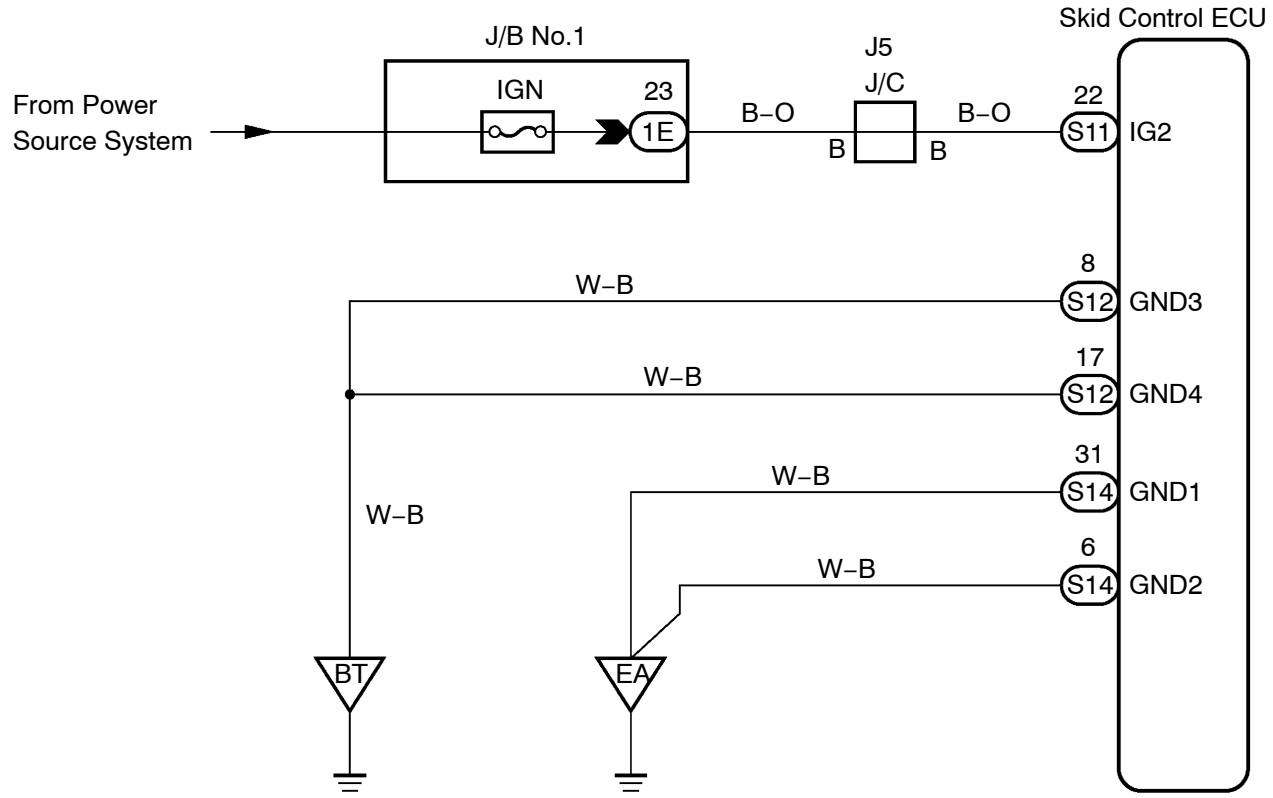
DTC No.	DTC Detecting Condition	Trouble Area
C1242/42	With the vehicle running, open in IG2 is detected for more than 7 sec.	• Battery • IC regulator • Power source circuit

WIRING DIAGRAM

LHD.A/T:



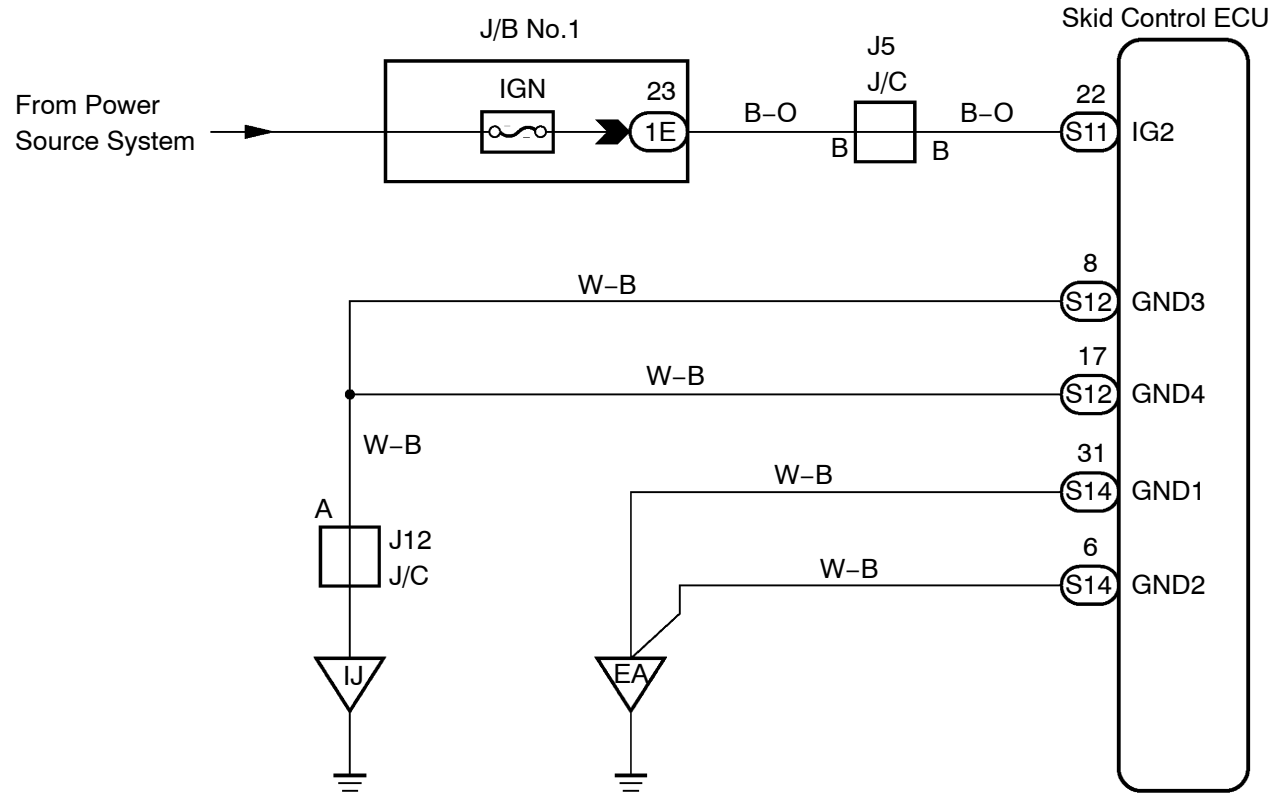
LHD.M/T:



N

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RHD:

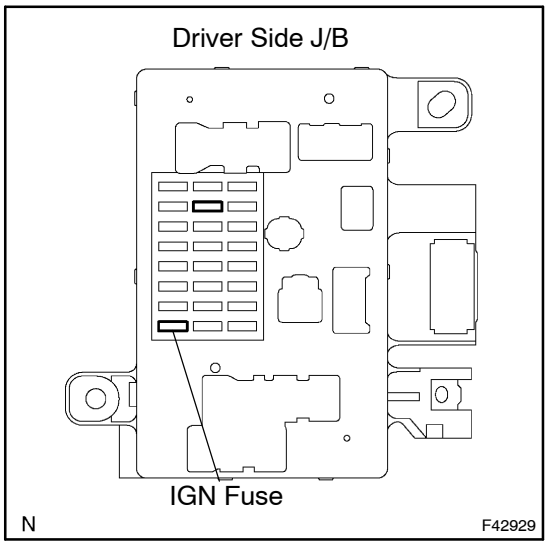


N

F42972

INSPECTION PROCEDURE

1 INSPECT FUSE(IGN FUSE)



(a) Remove IGN fuse from driver side J/B.
(b) Check continuity of IGN fuse.
OK:
Continuity

NG → **INSPECT FOR SHORT CIRCUIT IN ALL HARNESS AND COMPONENTS CONNECTED TO IGN FUSE**

OK

2 INSPECT BATTERY

OK:
Voltage: 10 – 14 V

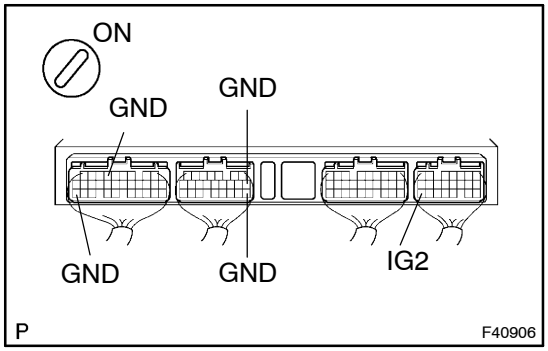
NG → **INSPECT CHARGING SYSTEM**

OK

3 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(IG2 TERMINAL)

IN CASE OF USING HAND–HELD TESTER:

(a) Check the voltage condition output from the ECU displayed on the hand–held tester.
OK:
" Normal" is displayed.



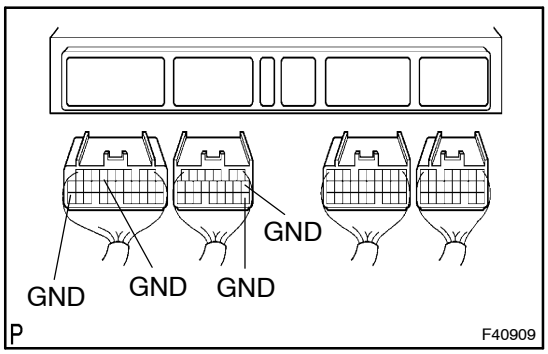
IN CASE OF NOT USING HAND–HELD TESTER:

(a) Remove the skid control ECU with connectors still connected.
(b) Turn the ignition switch ON.
(c) Measure voltage between terminals IG2 and GND of skid control ECU.
OK:
Voltage: 10 – 14 V

OK → **CHECK AND REPLACE SKID CONTROL ECU ASSY**

NG

4	INSPECT SKID CONTROL ECU CONNECTOR(GND TERMINAL COUTINUITY)



(a) Disconnect the skid control ECU connectors.
(b) Measure resistance between terminals GND of skid control ECU connector and body ground.
OK:
Resistance: 1 Ω or less

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

OK

CHECK AND REPLACE SKID CONTROL ECU ASSY