

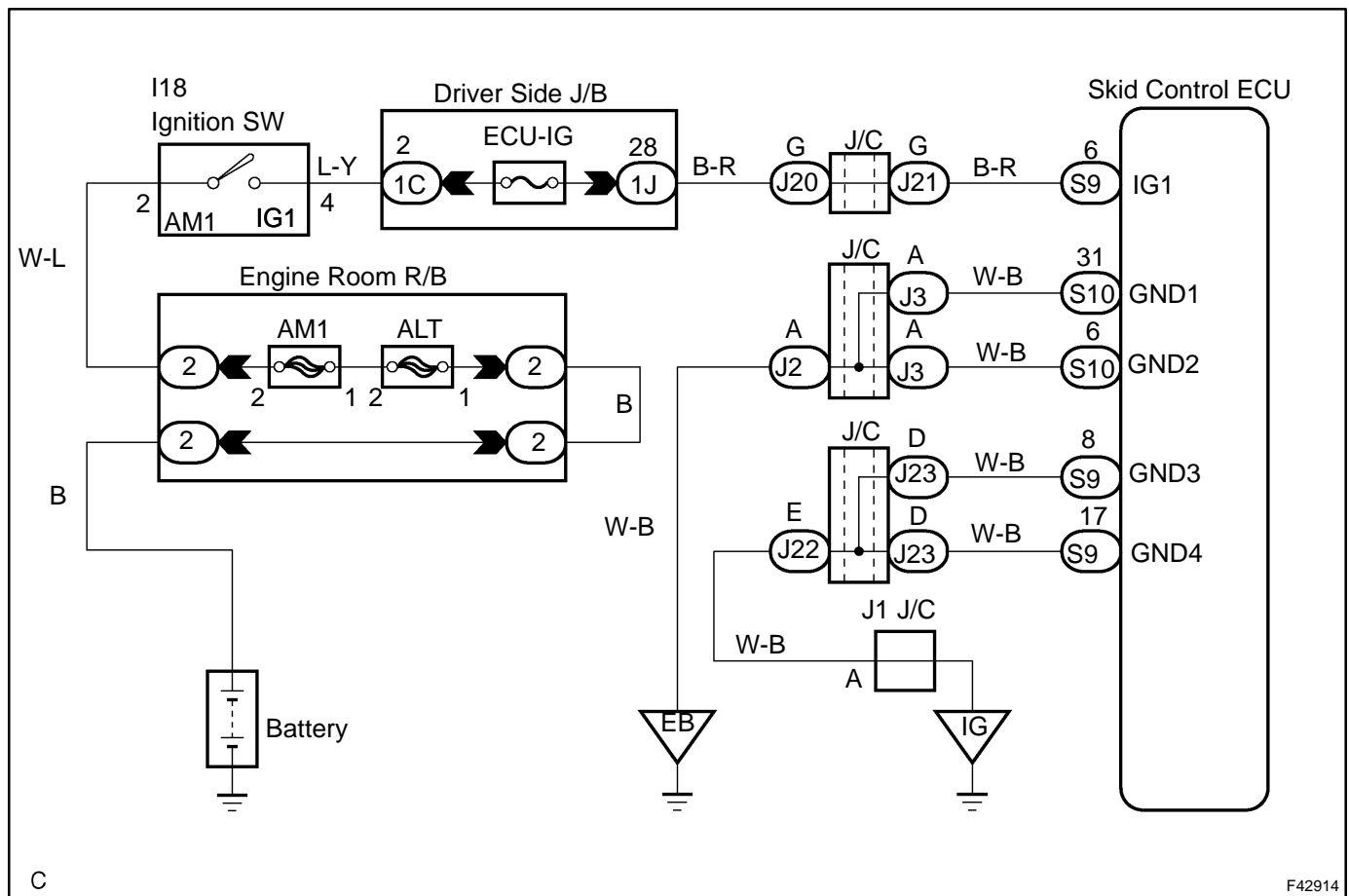
DTC	C1241/41	LOW BATTERY POSITIVE VOLTAGE OR ABNORMALLY HIGH BATTERY POSITIVE VOLTAGE
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DTC	C1257/57	POWER SUPPLY DRIVE CIRCUIT MALFUNCTION
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1241/41	Detection of any of conditions 1. and 2.: 1. Vehicle speed is 3 km/h (1.9 mph) or more and voltage of ECU terminal IG1 remains at below 9.5 V for more than 10 sec. 2. The condition that ECU terminal IG1 voltage is more than 17.0 V continues for 1.2 sec. or more.	<ul style="list-style-type: none"> • Battery • IC regulator • Power source circuit
C1257/57	After the ignition switch has been turned ON, open or short circuit in power supply drive system inside ECU continues for more than 1.5 sec.	<ul style="list-style-type: none"> • Battery • IC regulator • Power source circuit • Skid control ECU

WIRING DIAGRAM

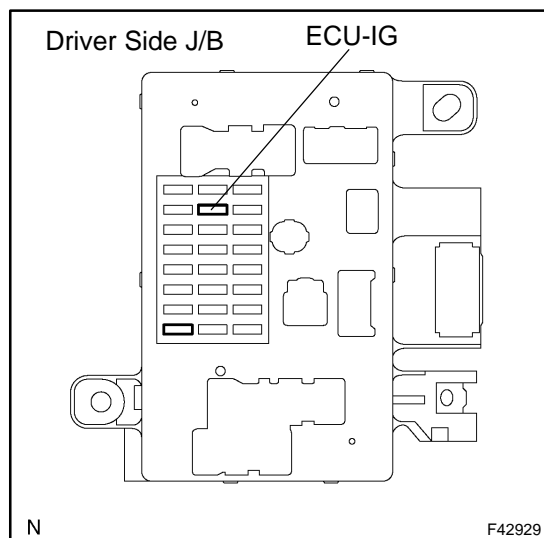


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F42914

INSPECTION PROCEDURE

1 INSPECT FUSE(ECU-IG FUSE)



- (a) Remove ECU-IG fuse from driver side J/B.
- (b) Check continuity of ECU-IG fuse.

OK:

Continuity

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INSPECT FOR SHORT CIRCUIT IN ALL HARNESS AND COMPONENTS CONNECTED TO ABS-IG FUSE

OK

2 INSPECT BATTERY

OK:

Voltage: 10 - 14 V

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INSPECT CHARGING SYSTEM

OK

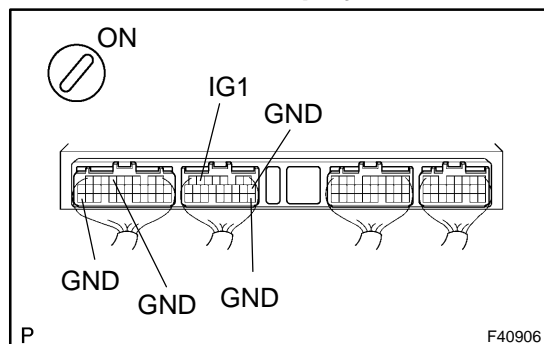
3 INSPECT SKID CONTROL ECU TERMINAL VOLTAGE(IG1 TERMINAL)

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 IG1 and GND of skid control ECU.

OK:

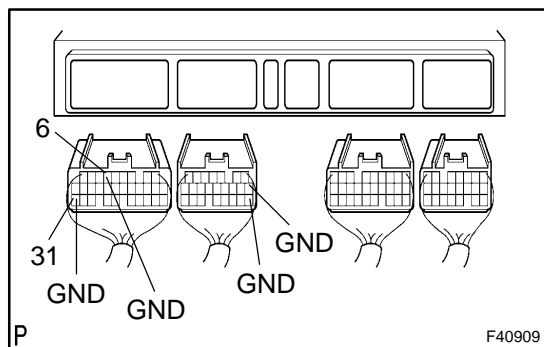
Voltage: 10 - 14 V

OK

CHECK AND REPLACE SKID CONTROL ECU ASSY

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4 INSPECT SKID CONTROL ECU CONNECTOR(GND TERMINAL CONTINUITY)



- (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

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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

CHECK AND REPLACE SKID CONTROL ECU ASSY