

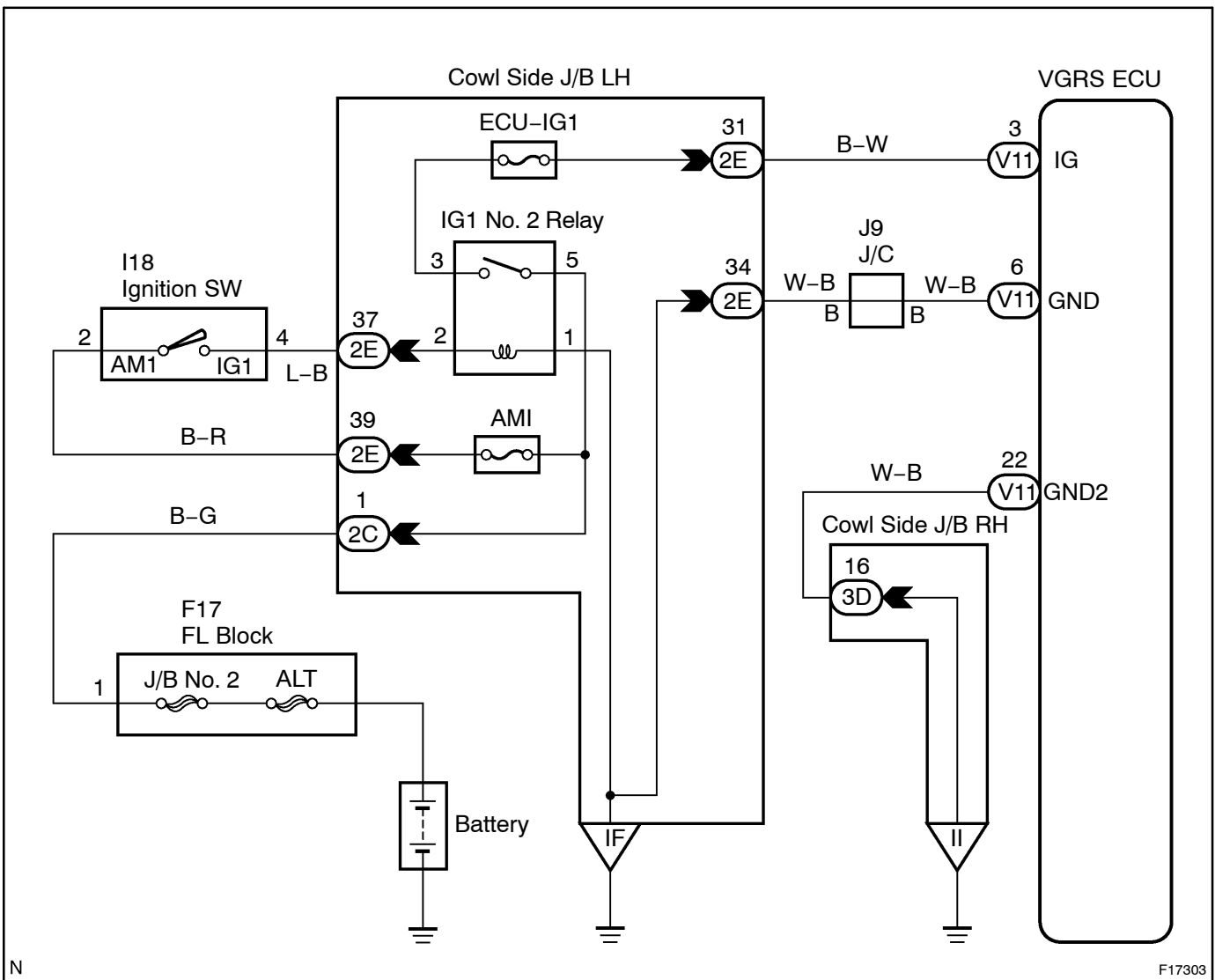
DTC	C1551 / 51	IG Power Source Voltage Malfunction
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CIRCUIT DESCRIPTION

The VGRS ECU monitors IG power supply voltage. If the ECU detects a malfunction, it turns on the warning light, records the DTC, and stops VGRS operation.

DTC No.	DTC Detecting Condition	Trouble Area
C1551/51	The system checks that the battery voltage is normal and the IG terminal voltage is less than 9 V for 6 sec.	• ECU-IG1 fuse • IG circuit • Charging system • VGRS ECU

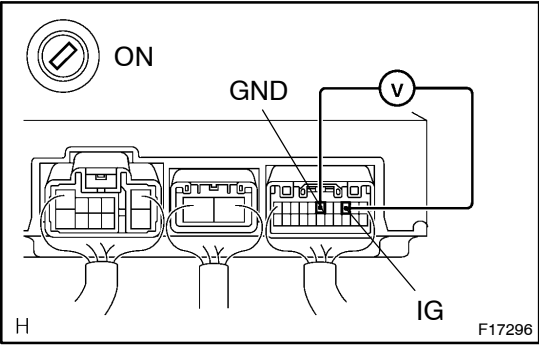
WIRING DIAGRAM



INSPECTION PROCEDURE

1

Check voltage between terminals IG and GND of the VGRS ECU connector.



PREPARATION:
Record and clear VGRS DTCs.

CHECK:
Start the engine and measure the voltage between terminals IG and GND of the VGRS ECU.

A	9 to 16 V
B	Below 9 V
C	Above 16 V

B

Check or repair harness and ECU-IG1 fuse.

C

Check and repair charging system (See page [CH-2](#)).

A

2

Check VGRS for DTC C1551/51.

Is DTC C1551/51 present?

YES

Replace VGRS ECU.

NG

No fault detected.

NOTICE:
Fault may be intermittent. Check harness and connectors carefully and retest.