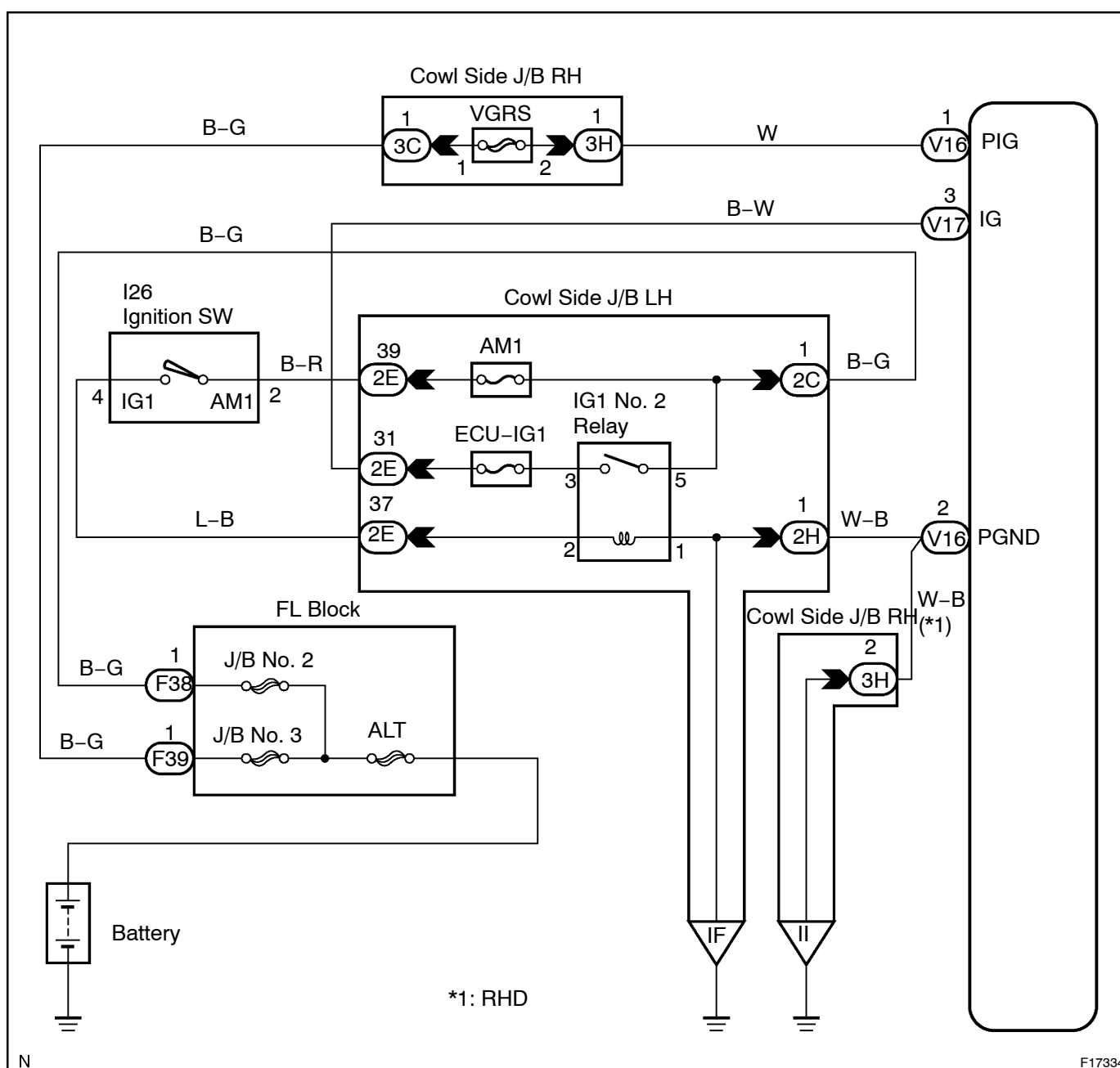


CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1552/52	The system checks that the IG voltage is 9 to 16 V, and the PIG terminal voltage is less than 6 V for 2.4 sec.	<ul style="list-style-type: none"> •VGRS Fuse •Power source circuit •VGRS ECU

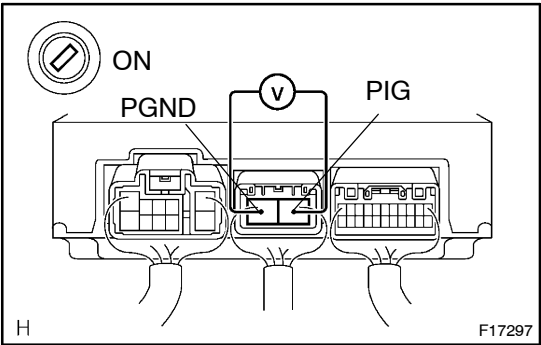
WIRING DIAGRAM



INSPECTION PROCEDURE

1

Check motor power source voltage (PIG).



PREPARATION:
Record and clear VGRS DTCs.

CHECK:
Start the engine and measure the voltage between terminals PIG and PGND of the VGRS ECU.

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

B

Check or repair harness and VGRS fuse.

C

Check and repair charging system.

A

2

Check VGRS for DTC C1552/52.

Is DTC C1552/52 present?

YES

Replace VGRS ECU.

NO

No fault detected.

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