

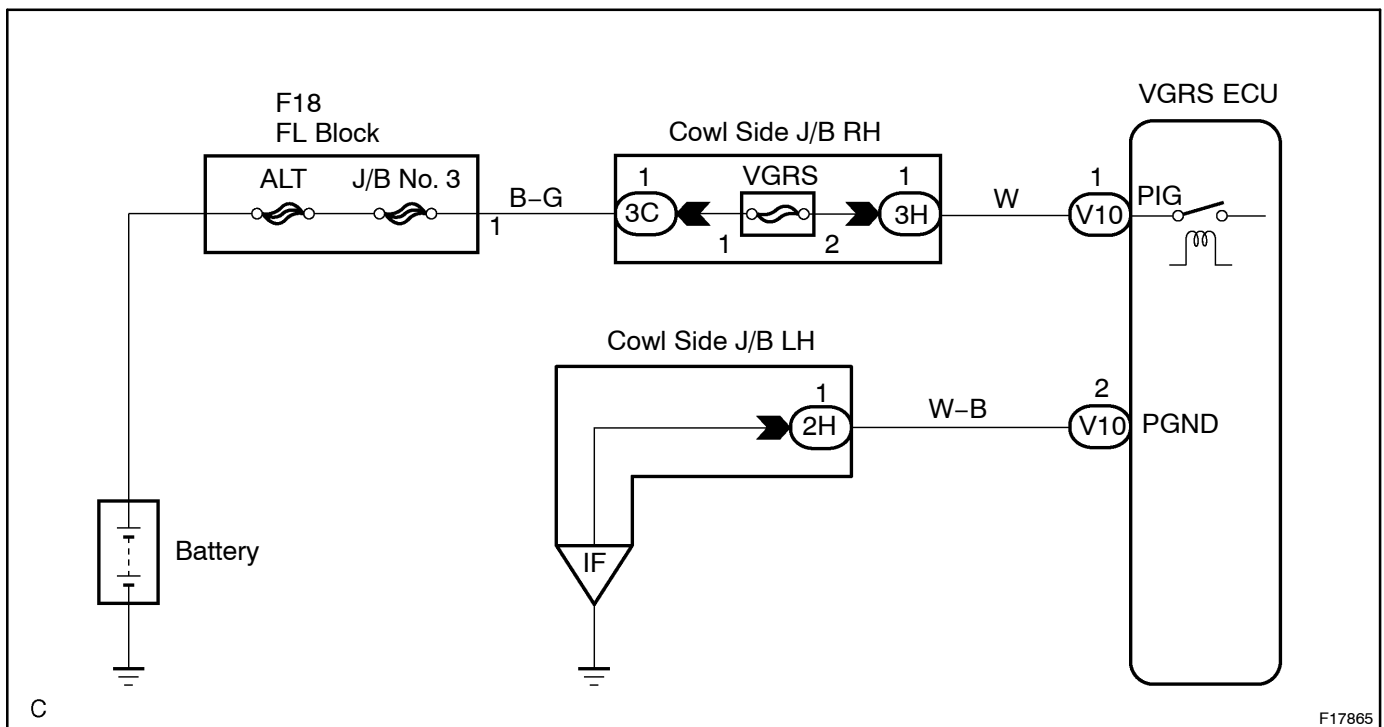
DTC	C1554 / 54	Power Source Relay Failure
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CIRCUIT DESCRIPTION

When the VGRS ECU detects a malfunction in the power supply relay (located inside the VGRS ECU), the ECU turns on the warning light, records the DTC, and stops VGRS operation.

DTC No.	DTC Detecting Condition	Trouble Area
C1554/54	The system detects a malfunction of the power source relay or an open circuit.	• VGRS Fuse • VGRS ECU

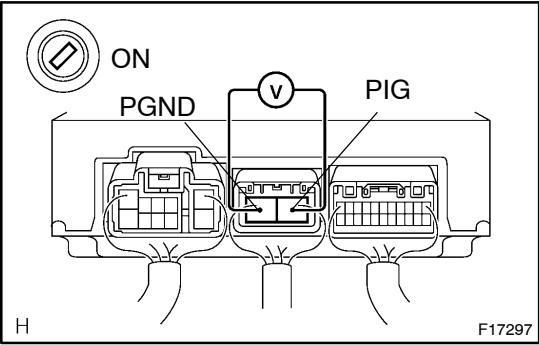
WIRING DIAGRAM



INSPECTION PROCEDURE

1

Check the voltage between terminal PIG and PGND of the VGRS ECU connector.



PREPARATION:
Record and clear VGRS DTCs.

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

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

B

Check and repair harness and VGRS fuse.

C

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

A

2

Check VGRS for DTC C1554/54.

Is DTC C1551/54 present?

YES

Replace VGRS ECU.

NG

No fault detected.

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