DIASH-01

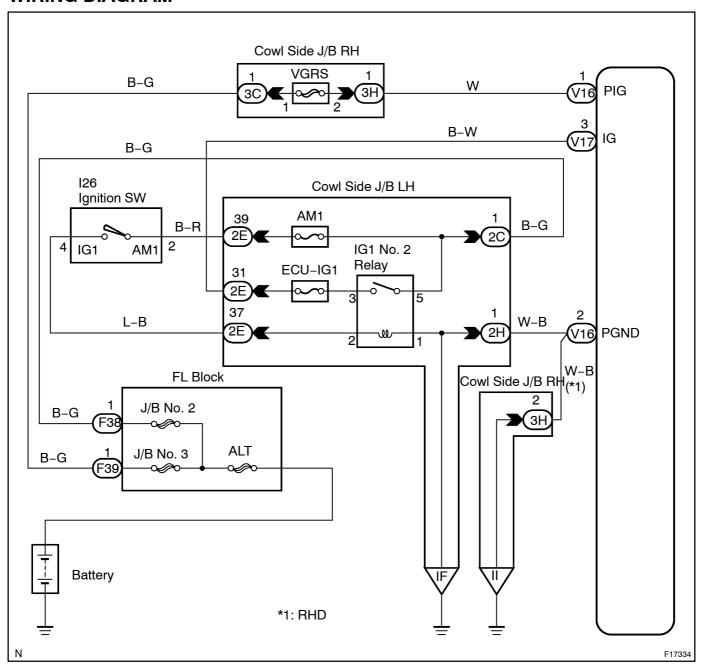
DTC	C1552 / 52	DC Motor Power Source Voltage Mal- function
-----	------------	--

CIRCUIT DESCRIPTION

The VGRS ECU monitors PIG (motor power source voltage). If the ECU detects a malfunction, it turns on the warning light, records the DTC and stops VGRS operation.

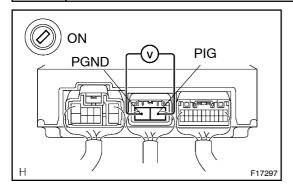
DTC No.	DTC Detecting Condition	Trouble Area
C1552/52	The system checks that the IG voltage is 9 to 16 V, and the PIG terminal voltage is less than 6 V for 2.4 sec.	•VGRS Fuse
		Power source circuit
		• VGRS ECU

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.

А	9 to 16 V
В	Below 9 V
С	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.