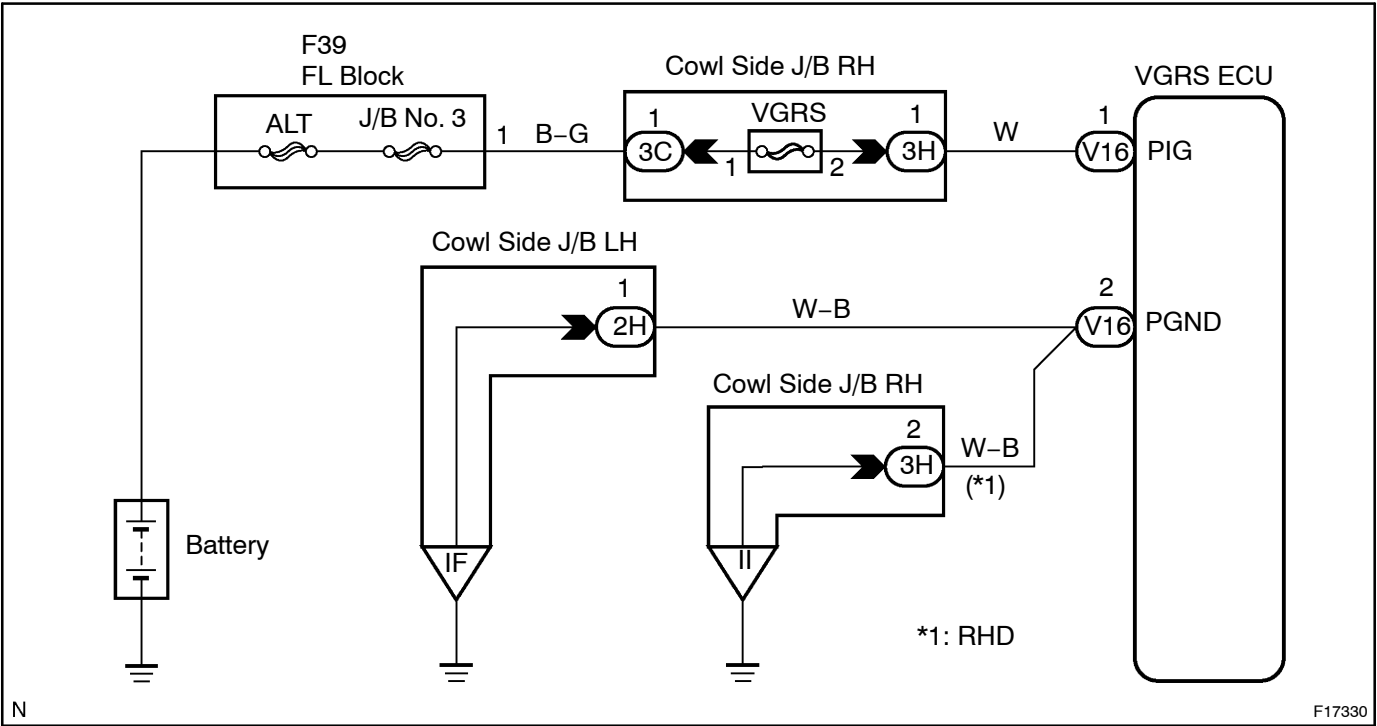DIASJ–01

DTC	C1555 / 55	Predriver Malfuncion

CIRCUIT DESCRIPTION

When the VGRS ECU detects a malfunction in the predriver, it turns the warning light on and records the DTC at the same time, and then stops VGRS operation.

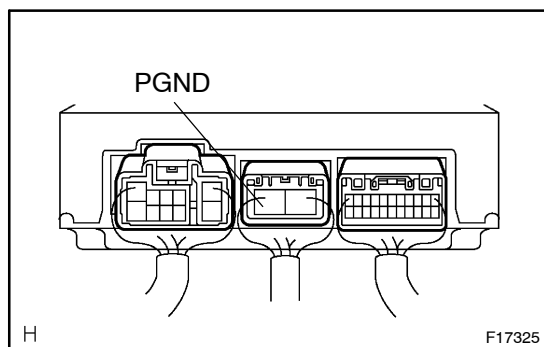| DTC No.	DTC Detecting Condition	Trouble Area
C1555/55	Even when the estimated value of the motor power source current is at least 10 A, the system detects that the actual motor power source current is less than 3 A for 0.1 sec.	• Power source circuit • VGRS ECU

WIRING DIAGRAM

F17330

INSPECTION PROCEDURE

HINT:
After the procedure, perform the counter clearance (See page DI−363).

1	Check for an open or short circuit in the harness and connector between terminal PGND of VGRS ECU and body ground.

PGND

F17325

PREPARATION:
Turn the ignition switch OFF.
CHECK:
Check continuity between terminal PGND of VGRS ECU and body ground.
OK:
   Less than 1 Ω

NG	Repair or replace harness and connector.

OK

2	Check output of DTC C1522/22.

CHECK:
Turn the ignition switch ON and check the DTC (See page DI−348).
OK:
   DTC C1522/22 is present

OK	Flow of DTC C1522/22.

NG

Replace VGRS ECU.