

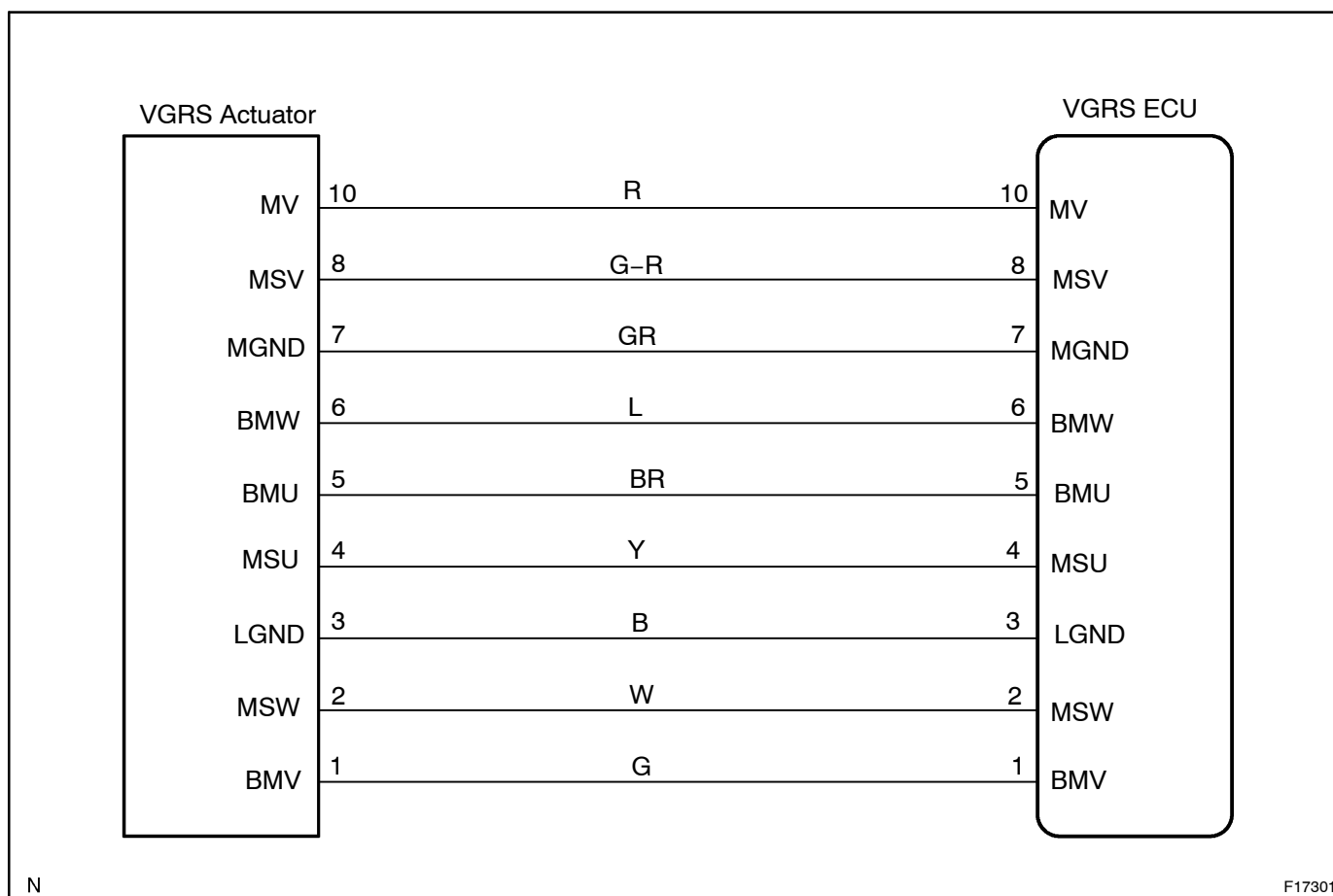
DTC	C1561 / 61	Lock Mechanism Malfunction
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CIRCUIT DESCRIPTION

When the VGRS ECU detects a malfunction in the lock mechanism, it turns the warning light on, records the DTC, and stops VGRS operation.

DTC No.	DTC Detecting Condition	Trouble Area
C1561/61	The system detects that the LG terminal voltage is equal to battery voltage $\times 0.4 \pm 3$ V, or that the LG terminal voltage is outside the range of battery voltage $\times 0.6 \pm 3$ V for 1.2 sec.	• VGRS actuator • VGRS ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check the position of the VGRS ECU connectors.

CHECK:

Check that VGRS ECU connectors are properly connected to the ECU.

OK:

Connection is good.

NG

DTC C1561/61 is detected because the connector is disconnected or is likely to be disconnected. Connect the connector correctly.

OK

2 Check for an open or short circuit in the harness and connector (See page [IN-38](#)).

PREPARATION:

- (a) Turn the ignition switch OFF.
- (b) Disconnect the VGRS ECU connector.

CHECK:

Measure resistance between terminals MV and LGND of the VGRS ECU connector.

OK:

1 to 100 Ω

CHECK:

Check continuity between terminals MV and LGND of the VGRS ECU and body ground.

OK:

No continuity

NG

Replace VGRS actuator.

OK

Replace VGRS ECU.

