

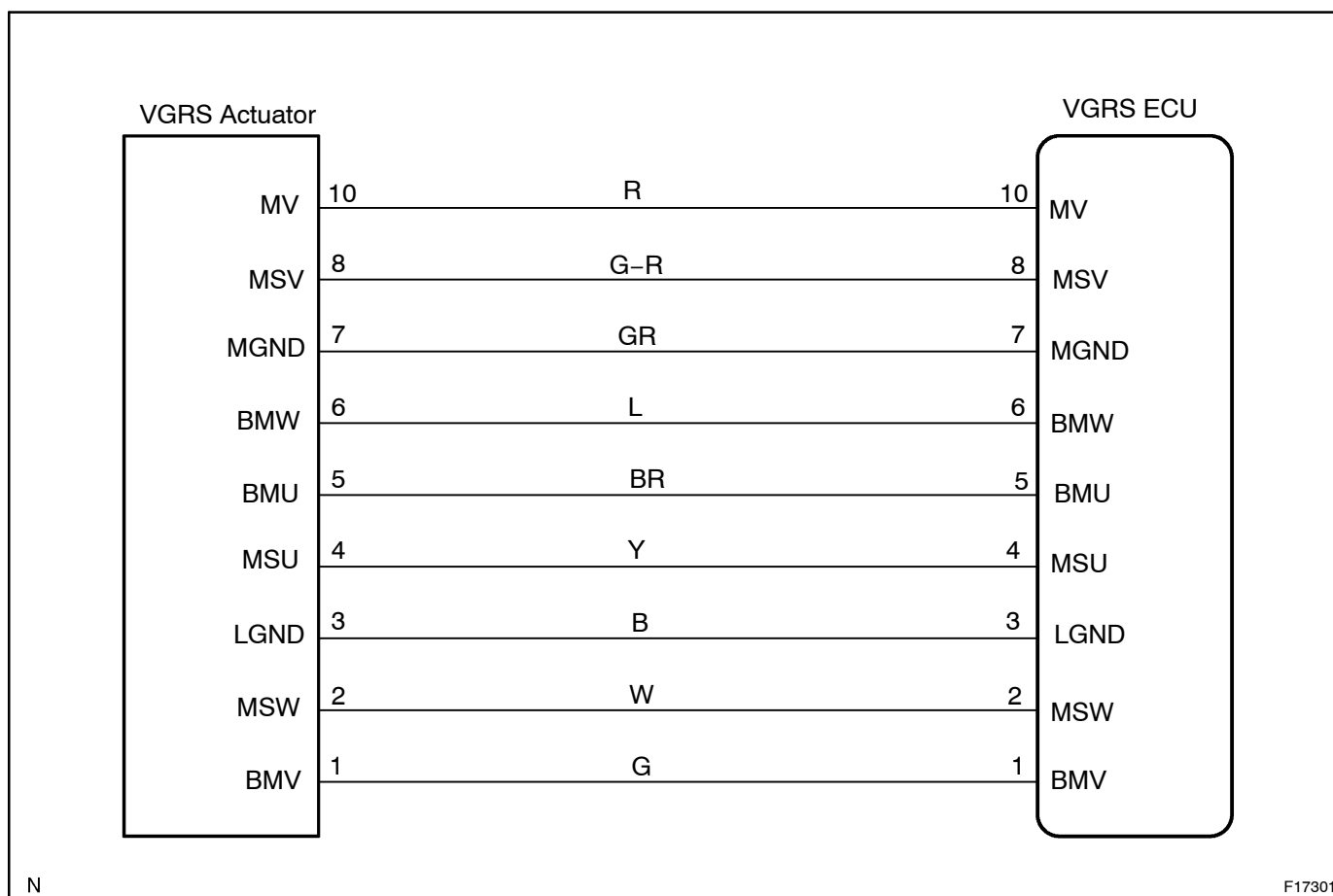
<b>DTC</b>	<b>C1561 / 61</b>	<b>Lock Mechanism Malfunction</b>
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## CIRCUIT DESCRIPTION

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.	<ul style="list-style-type: none"> <li>• VGRS actuator</li> <li>• VGRS ECU</li> </ul>

## 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  $\Omega$

**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.

