

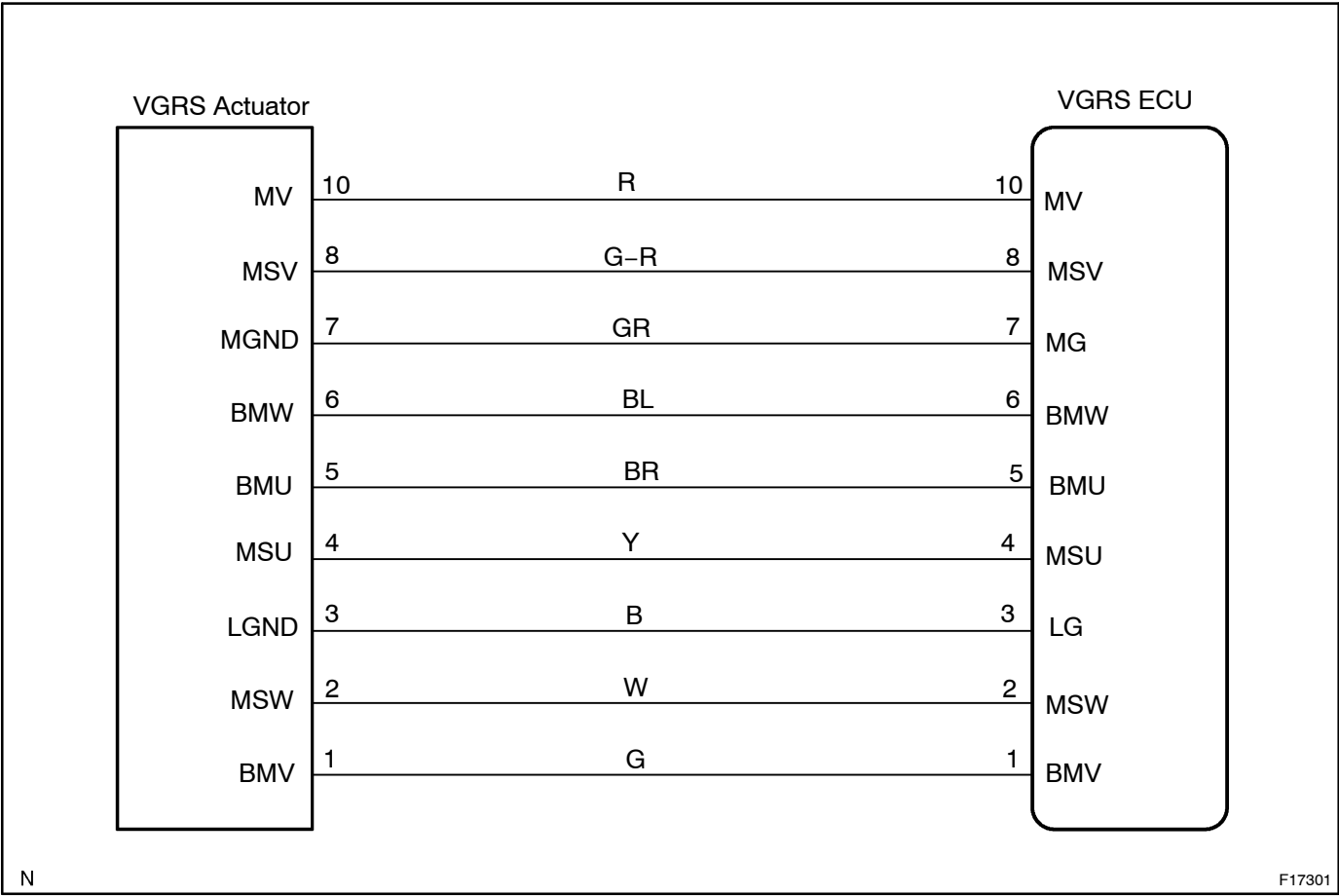
DTC	C 1561 / 61	Lock Mechanism Malfunction
-----	-------------	----------------------------

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 x 0.4 ± 3 V, or that the LG terminal voltage is outside the range of battery voltage x 0.6 ± 3 V for 1.2 sec.	• VGRS actuator • VGRS ECU

WIRING DIAGRAM



**INSPECTION PROCEDURE****1 Check the position of the VGRS ECU connectors.****CHECK:**

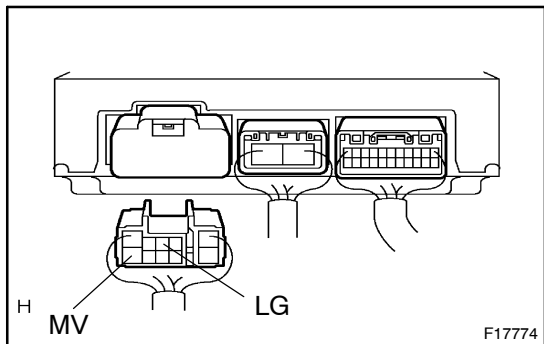
Check that VGRS ECU connectors are properly connected to the ECU.

**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 LG of the VGRS ECU connector.

**OK:**

**1 to 100  $\Omega$**

**CHECK:**

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

**OK:**

**No continuity**

**NG**

**Replace VGRS actuator.**

**OK**

**Replace VGRS ECU.**