

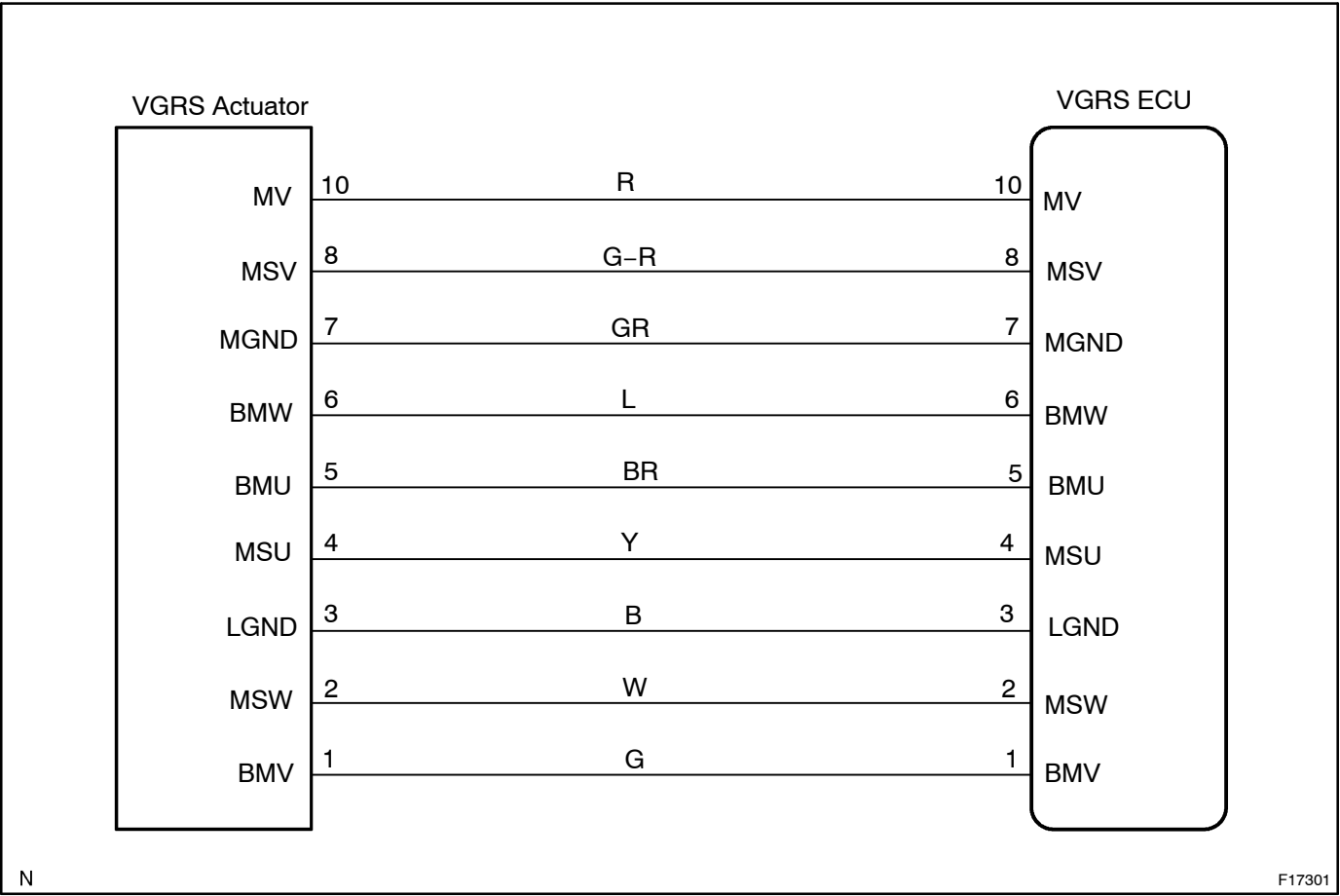
DTC	C 1561 / 61	Lock Mechanism Malfunction
-----	-------------	----------------------------

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 C 1561/61 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.

