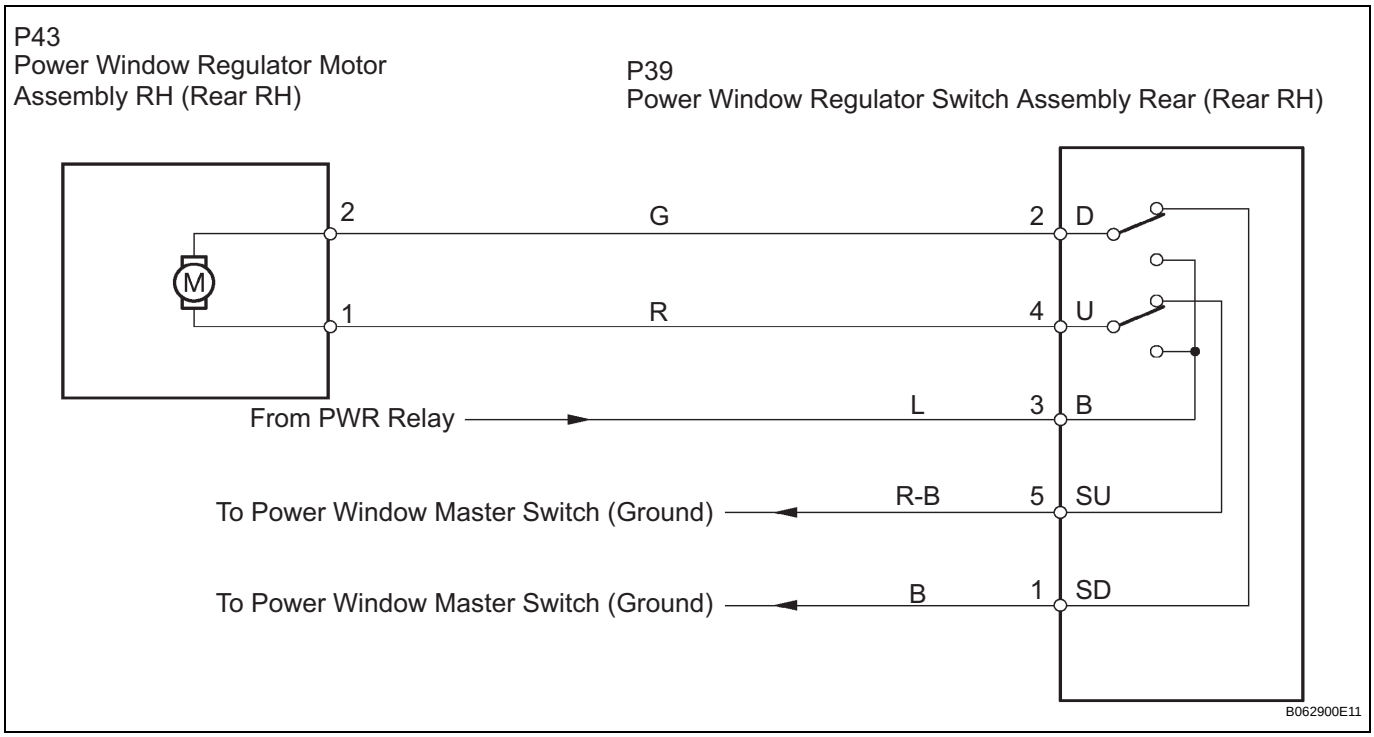
# Manual Up / Down Function does not Operate on Rear RH Only

## DESCRIPTION

If the manual UP/DOWN function does not operate, the power window motor, the regulator switch or the wire harness may be malfunctioning.

## WIRING DIAGRAM

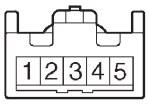



## INSPECTION PROCEDURE

| 1 | CHECK WIRE HARNESS (POWER SOURCE) |
|---|---|

**Wire Harness Side:**

P39
Power Window Regulator Switch Assembly Rear (Rear RH)




B067300E02

(a) Disconnect the P39 regulator switch connector.
(b) Turn the ignition switch ON.
(c) Check the voltage between the terminal 4 of the wire harness side connector and the body ground.

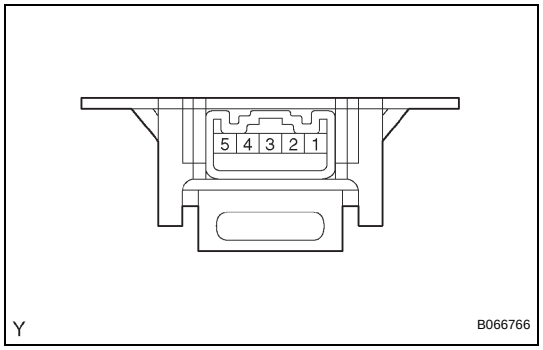
**Standard voltage**

| Terminal No. | Condition | Specified Condition |
|---|---|---|
| P39-3 (B) - Body ground | Ignition switch ON | 10 to 14 V |

**NG** → **REPAIR OR REPLACE HARNESS AND CONNECTOR (REGULATOR SWITCH - RELAY)**

**OK**

## 2 INSPECT POWER WINDOW REGULATOR SWITCH (REAR RH)




(a) Remove the regulator switch.
(b) Check the resistance between the switch terminals when the switch is operated, as shown in the table below.

**Standard resistance**

| Terminal No. | Regulator Switch | Specified Condition |
|---|---|---|
| 1 - 2, 3 - 4 | UP | Below 1 Ω |
| 1 - 2, 4 - 5 | OFF | |
| 2 - 3, 4 - 5 | DOWN | |

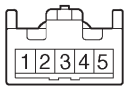
**NG** → **REPLACE POWER WINDOW REGULATOR SWITCH (REAR RH)**

**OK**

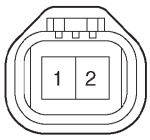
## 3 CHECK WIRE HARNESS (REGULATOR - MOTOR) (REGULATOR SWITCH - BODY GROUND)

**Wire Harness Side:**

P39
Power Window Regulator Switch Assembly Rear (Rear RH)




P43
Power Window Regulator Motor Assembly RH (Rear RH)




(a) Disconnect the P43 motor connector.
(b) Check the resistance between the wire harness side connectors.

**Standard resistance**

| Terminal No. | Specified Condition |
|---|---|
| P39-2 (D) - P43-2 | Below 1 Ω |
| P39-4 (U) - P43-1 | |

(c) Check the resistance between the P39 regulator switch connector and body ground.

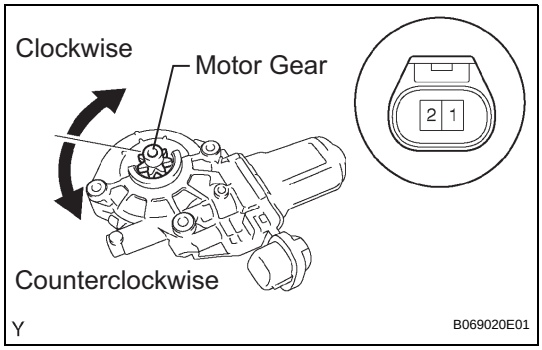
**Standard resistance**

| Terminal No. | Specified Condition |
|---|---|
| P39-2 (D) - Body ground | 10 kΩ or higher |
| P39-4 (U) - Body ground | |

**NG** → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

**OK**

| 4 | **INSPECT POWER WINDOW REGULATOR MOTOR ASSEMBLY (REAR RH)** |
|---|---|




(a) Remove the motor.
(b) Apply battery voltage to connector terminals 1 and 2.
(c) Check that the motor smoothly rotates.

**NOTICE:**
**Do not apply battery voltage to any terminals except terminals 1 and 2.**

**Standard**

| Terminal No. | Specified Condition |
|---|---|
| Battery positive (+) → 1<br>Battery negative (-) → 2 | Motor gear rotates counterclockwise |
| Battery positive (+) → 2<br>Battery negative (-) → 1 | Motor gear rotates clockwise |

**NG** → **REPLACE POWER WINDOW REGULATOR MOTOR ASSEMBLY (REAR RH)**

**OK**

**REPAIR OR REPLACE HARNESS AND CONNECTOR (MASTER SWITCH - REGULATOR SWITCH)**