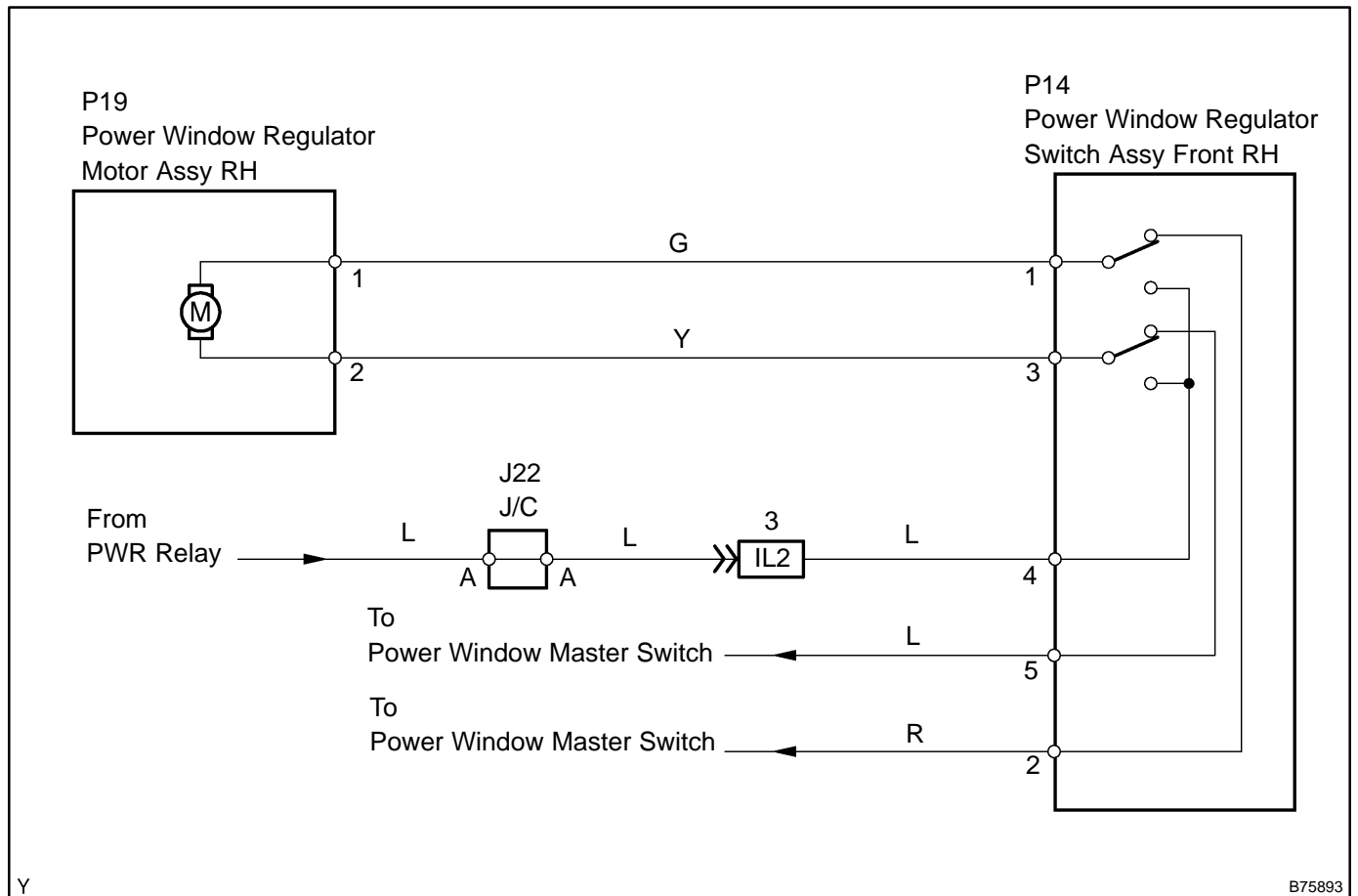


# MANUAL UP/DOWN FUNCTION DOES NOT OPERATE ON PASSENGER SIDE ONLY

## CIRCUIT DESCRIPTION

If the passenger side manual UP/DOWN function does not operate, a malfunction may be present in the power window regulator motor assembly front RH, the power window regulator switch assembly front RH or the wire harness.

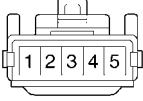
## WIRING DIAGRAM



**INSPECTION PROCEDURE**

**1 | CHECK POWER WINDOW REGULATOR SWITCH ASSY FRONT RH (VOLTAGE)**

**Wire Harness Side**  
 P14  
 Power Window Regulator  
 Switch Assy Front RH



B62901

- (a) Disconnect the P14 regulator switch connector.
- (b) Turn the power switch ON (IG).
- (c) Measure the voltage of the wire harness side connector.

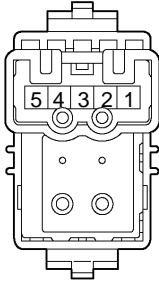
**Standard:**

Tester Connection	Condition	Specified Condition
P14-4 – Body ground	Power switch ON (IG)	10 to 14 V

**NG** → **REPAIR OR REPLACE HARNESS AND CONNECTOR (INSTRUMENT PANEL J/B ASSY – POWER WINDOW REGULATOR SWITCH)**

**OK**

**2 | INSPECT POWER WINDOW REGULATOR SWITCH ASSY FRONT RH**



B63163

- (a) Remove the regulator switch.
- (b) Measure the resistance between the terminals of the connector when the switch is operated.

**Standard:**

Tester Connection	Regulator Switch	Specified Condition
1 – 2 3 – 4	UP	Below 1 Ω
1 – 2 3 – 5	OFF	Below 1 Ω
1 – 4 3 – 5	DOWN	Below 1 Ω

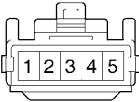
**NG** → **REPLACE POWER WINDOW REGULATOR SWITCH ASSY**

**OK**


**3 CHECK WIRE HARNESS (POWER WINDOW REGULATOR SWITCH ASSY FRONT RH - POWER WINDOW REGULATOR MOTOR ASSY FRONT RH AND BODY GROUND)**

**Wire Harness Side**

P14  
Power Window Regulator  
Switch Assy Front RH



P19  
Power Window Regulator  
Motor Assy Front RH



B63164

- (a) Disconnect the P14 switch connector.
- (b) Disconnect the P19 motor connector.
- (c) Measure the resistance of the wire harness side connectors.

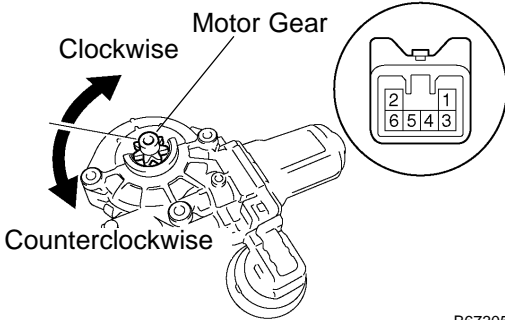
**Standard:**

Tester Connection	Specified Condition
P14-1 - P19-1	Below 1 Ω
P14-3 - P19-2	Below 1 Ω
P14-1 - Body ground	10 kΩ or higher
P14-3 - Body ground	10 kΩ or higher

**OK**

**NG REPAIR OR REPLACE HARNESS AND CONNECTOR**

**4 INSPECT POWER WINDOW REGULATOR MOTOR ASSY FRONT RH**



B67305

- (a) Remove the motor (see page 70-2).
- (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.

**OK:**

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

**OK**

**NG REPLACE POWER WINDOW REGULATOR MOTOR ASSY FRONT RH**

**REPAIR OR REPLACE HARNESS AND CONNECTOR (POWER WINDOW REGULATOR MASTER SWITCH ASSY - POWER WINDOW REGULATOR SWITCH ASSY FRONT RH)**