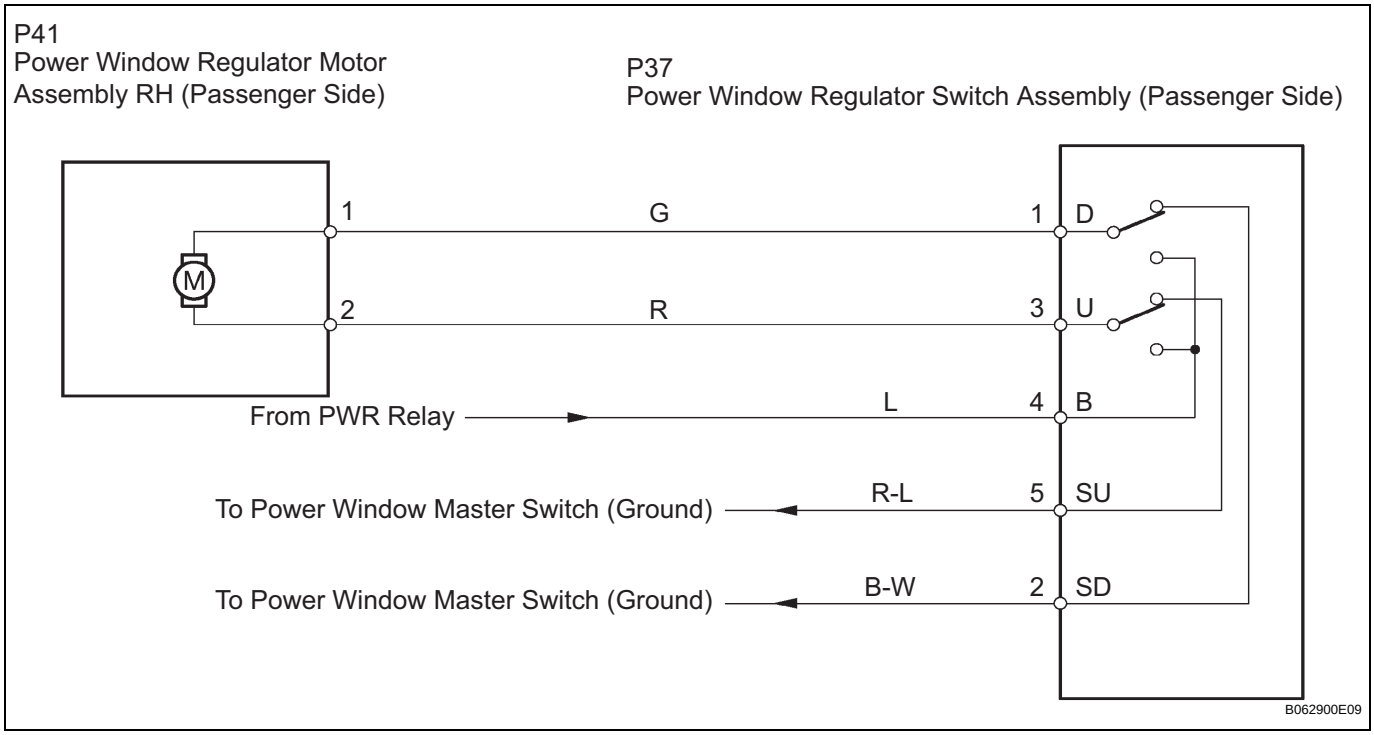
Manual Up / Down and Auto Down Function does not Operate on Passenger Side Only

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



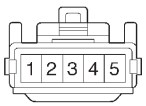
INSPECTION PROCEDURE

1	CHECK WIRE HARNESS (POWER SOURCE)

WS

Wire Harness Side:

P37
Power Window Regulator Switch Assembly (Passenger Side)



B062901E03

(a) Disconnect the P37 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.

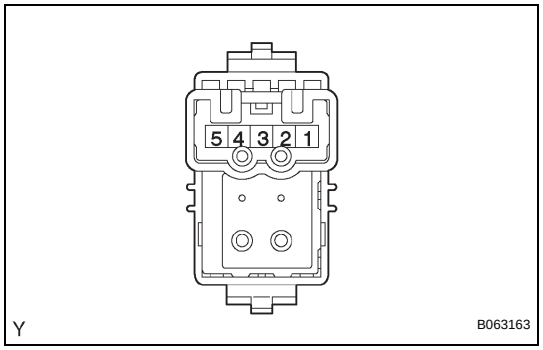
Standard voltage

Terminal No.	Condition	Specified Condition
P37-4 (B) - Body ground	Ignition switch ON	10 to 14 V

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

OK

2 INSPECT FRONT PASSENGER SIDE POWER WINDOW SWITCH



(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, 3 - 5	OFF	
1 - 4, 3 - 5	DOWN	

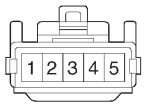
NG → **REPLACE FRONT PASSENGER SIDE POWER WINDOW SWITCH**

OK

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

Wire Harness Side:

P37
Power Window Regulator Switch Assembly (Passenger Side)



P41
Power Window Regulator Motor Assembly RH (Passenger Side)



B063164E01

(a) Disconnect the P41 motor connector.
(b) Check the resistance between the wire harness side connectors.
Standard resistance

Terminal No.	Specified Condition
P37-1 (D) - P41-1	Below 1 Ω
P37-3 (U) - P41-2	

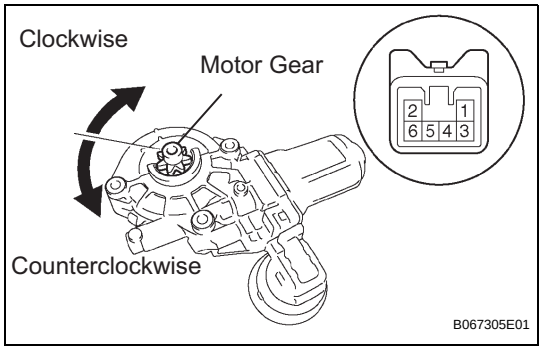
(c) Check the resistance between the P37 regulator switch connector and body ground.
Standard resistance

Terminal No.	Specified Condition
P37-1 (D) - Body ground	10 kΩ or higher
P37-3 (U) - Body ground	

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

OK

4	**INSPECT POWER WINDOW REGULATOR MOTOR ASSEMBLY (PASSENGER SIDE)**



(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 Battery negative (-) → 2	Motor gear rotates clockwise
Battery positive (+) → 2 Battery negative (-) → 1	Motor gear rotates counterclockwise

NG → **REPLACE POWER WINDOW REGULATOR MOTOR ASSEMBLY (PASSENGER SIDE)**

OK

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