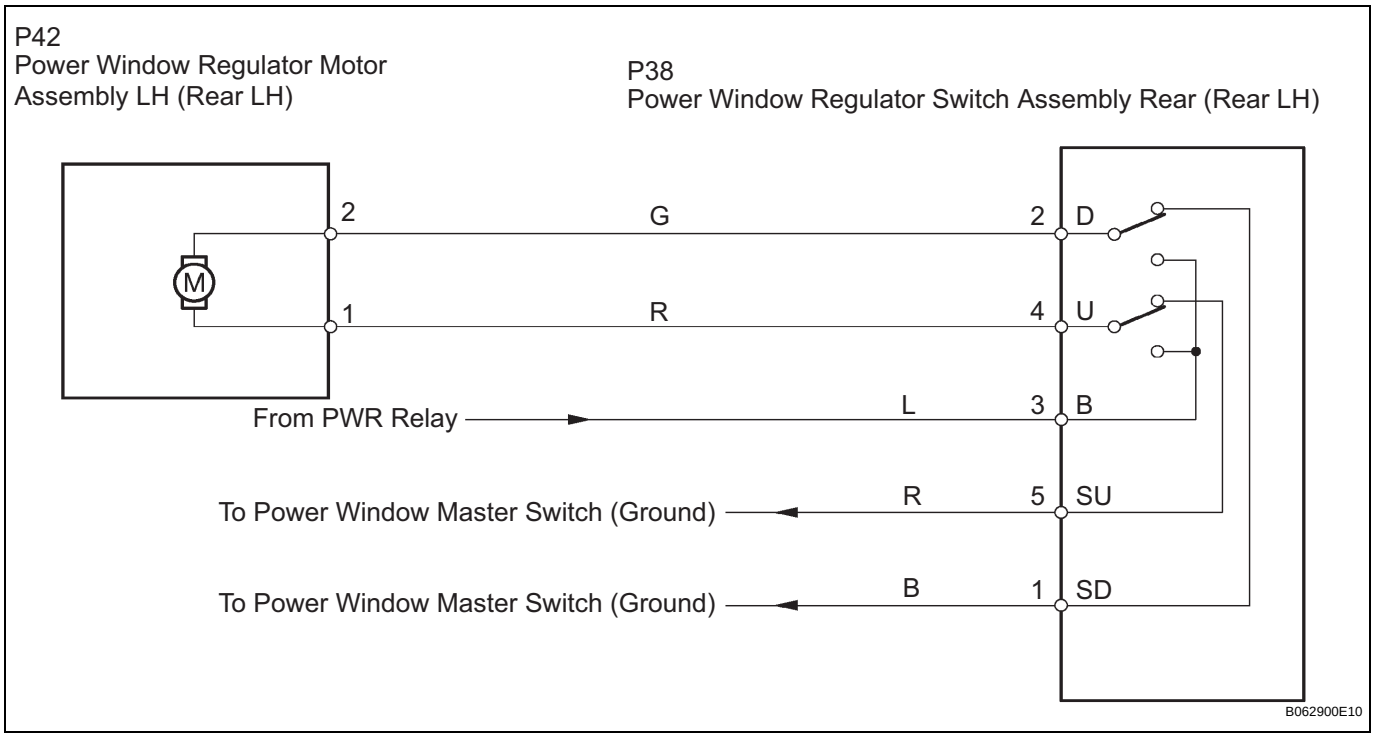
Manual Up / Down Function does not Operate on Rear LH Only

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

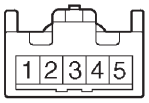


INSPECTION PROCEDURE

1	CHECK WIRE HARNESS (POWER SOURCE)

Wire Harness Side:

P38
Power Window Regulator Switch Assembly Rear (Rear LH)



B067300E01

(a) Disconnect the P38 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

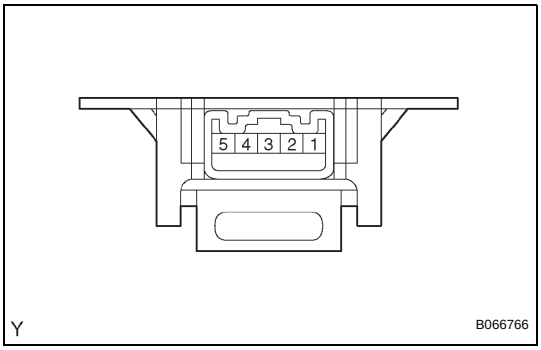
Terminal No.	Condition	Specified Condition
P38-3 (B) - Body ground	Ignition switch ON	10 to 14 V

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

OK

WS

2	INSPECT POWER WINDOW REGULATOR SWITCH (REAR LH)



(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	
2 - 3, 4 - 5	DOWN	

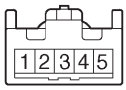
NG → **REPLACE POWER WINDOW REGULATOR SWITCH (REAR LH)**

OK

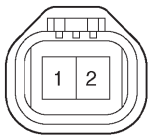
3	CHECK WIRE HARNESS (REGULATOR SWITCH - MOTOR) (REGULATOR SWITCH - BODY GROUND)

Wire Harness Side:

P38
Power Window Regulator Switch Assembly Rear (Rear LH)



P42
Power Window Regulator Motor Assembly LH (Rear LH)



(a) Disconnect the P42 motor connector.
(b) Check the resistance between the wire harness side connectors.

Standard resistance

Terminal No.	Specified Condition
P38-2 (D) - P42-2	Below 1 Ω
P38-4 (U) - P42-1	

(c) Check the resistance between the P38 regulator switch connector and body ground.

Standard resistance

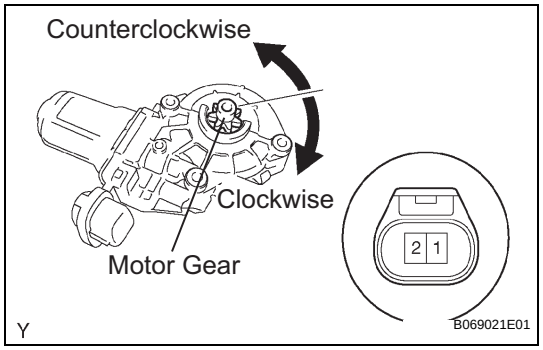
Terminal No.	Specified Condition
P38-2 (D) - Body ground	10 kΩ or higher
P38-4 (U) - Body ground	

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

OK

WS

4	INSPECT POWER WINDOW REGULATOR MOTOR ASSEMBLY (REAR LH)



(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 (REAR LH)**

OK

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