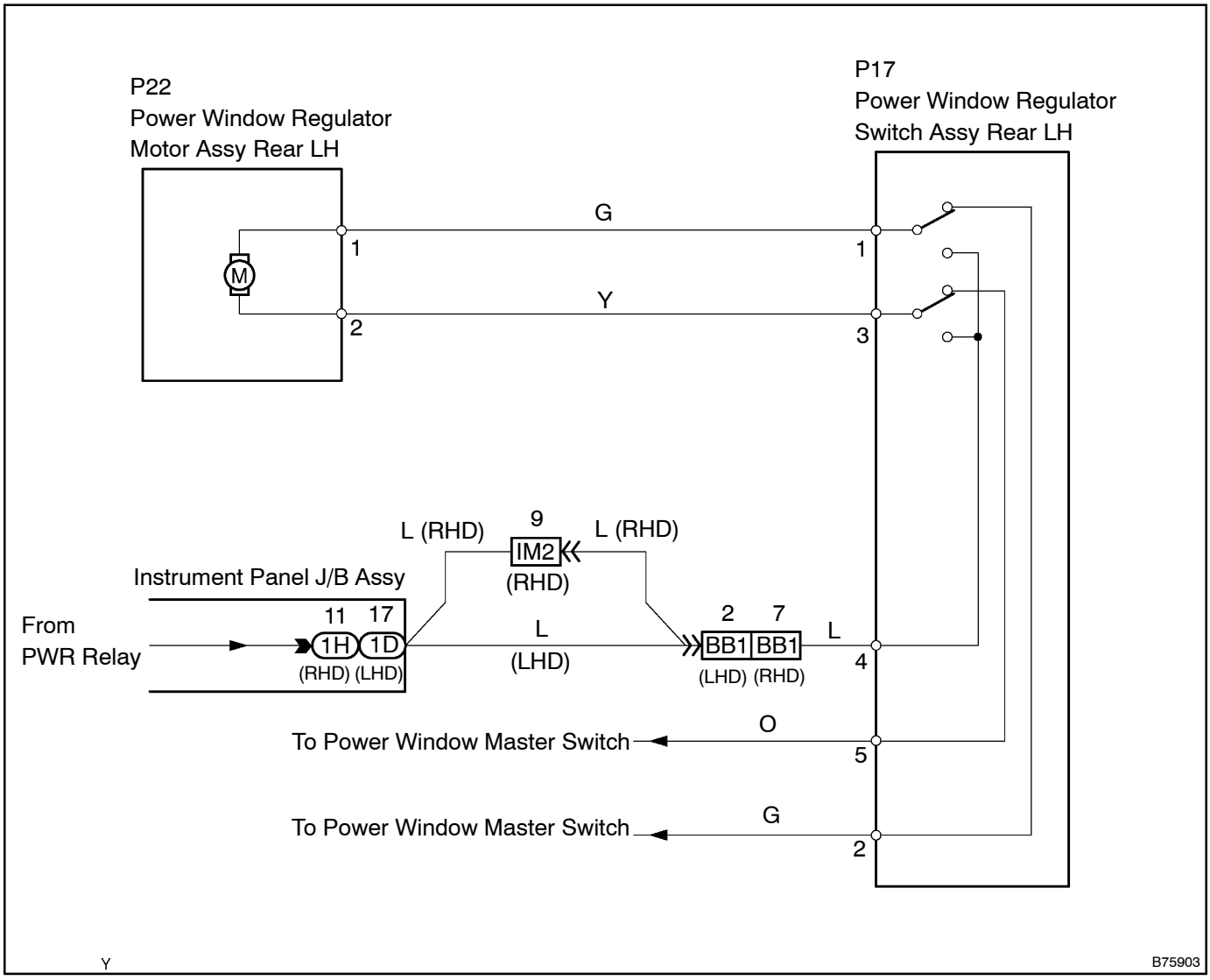
MANUAL UP/DOWN FUNCTION DOES NOT OPERATE ON REAR LH SIDE ONLY

CIRCUIT DESCRIPTION

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

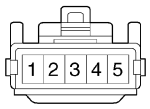
WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK POWER WINDOW REGULATOR SWITCH ASSY REAR LH (B VOLTAGE)

Wire Harness Side
P17
Power Window Regulator
Switch Assy Rear LH



B62901

(a) Disconnect the P17 regulator switch connector.
(b) Turn the power switch ON (IG).
(c) Measure the voltage between terminal 4 of the wire harness side connector and body ground.

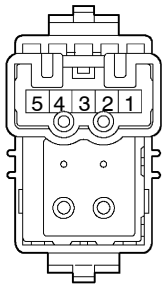
Standard:

Tester Connection	Condition	Specified Condition
P17–4 – 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 REAR LH (SWITCH OPERATION)



Y

B63163

(a) Remove the regulator switch.
(b) Disconnect the P17 switch connector.
(c) Measure the resistance between the terminals of the connector when the switch is operated.

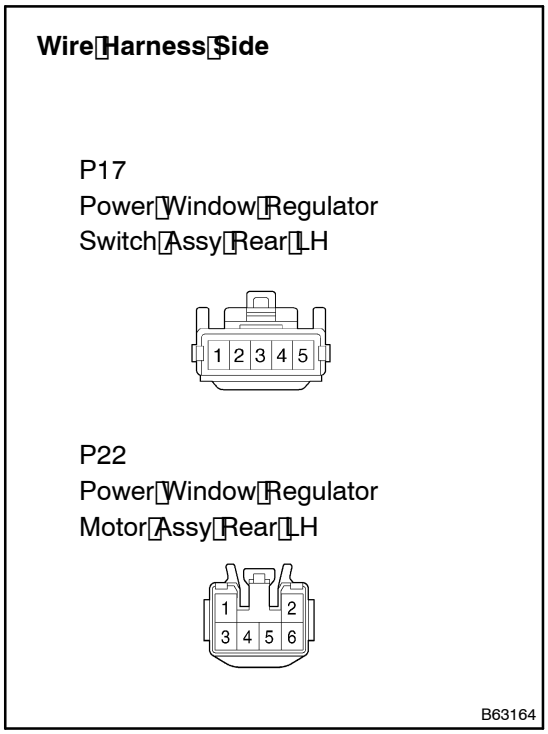
Standard:

Tester Connection	Regulator Switch	Specified Condition
P17–1 – P17–2 P17–3 – P17–4	UP	Below 1 Ω
P17–1 – P17–2 P17–3 – P17–5	OFF	Below 1 Ω
P17–1 – P17–4 P17–3 – P17–5	DOWN	Below 1 Ω

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

OK

3 CHECK WIRE HARNESS (POWER WINDOW REGULATOR SWITCH ASSY REAR LH – POWER WINDOW REGULATOR MOTOR ASSY REAR LH AND BODY GROUND)



(a) Disconnect the P17 switch connector.
(b) Disconnect the P22 motor connector.
(c) Measure the resistance of the wire harness side connectors.

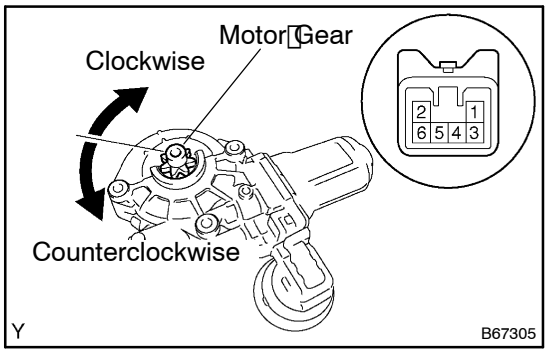
Standard:

Tester Connection	Specified Condition
P17–1 – P22–1	Below 1 Ω
P17–3 – P22–2	Below 1 Ω
P17–1 – Body ground	10 kΩ or higher
P17–3 – Body ground	10 kΩ or higher

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

OK

4 INSPECT POWER WINDOW REGULATOR MOTOR ASSY REAR LH



(a) Remove the motor (see page 75–22).
(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

NG → **REPLACE POWER WINDOW REGULATOR MOTOR ASSY REAR LH**

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR (POWER WINDOW REGULATOR MASTER SWITCH ASSY – POWER WINDOW REGULATOR SWITCH ASSY REAR LH)