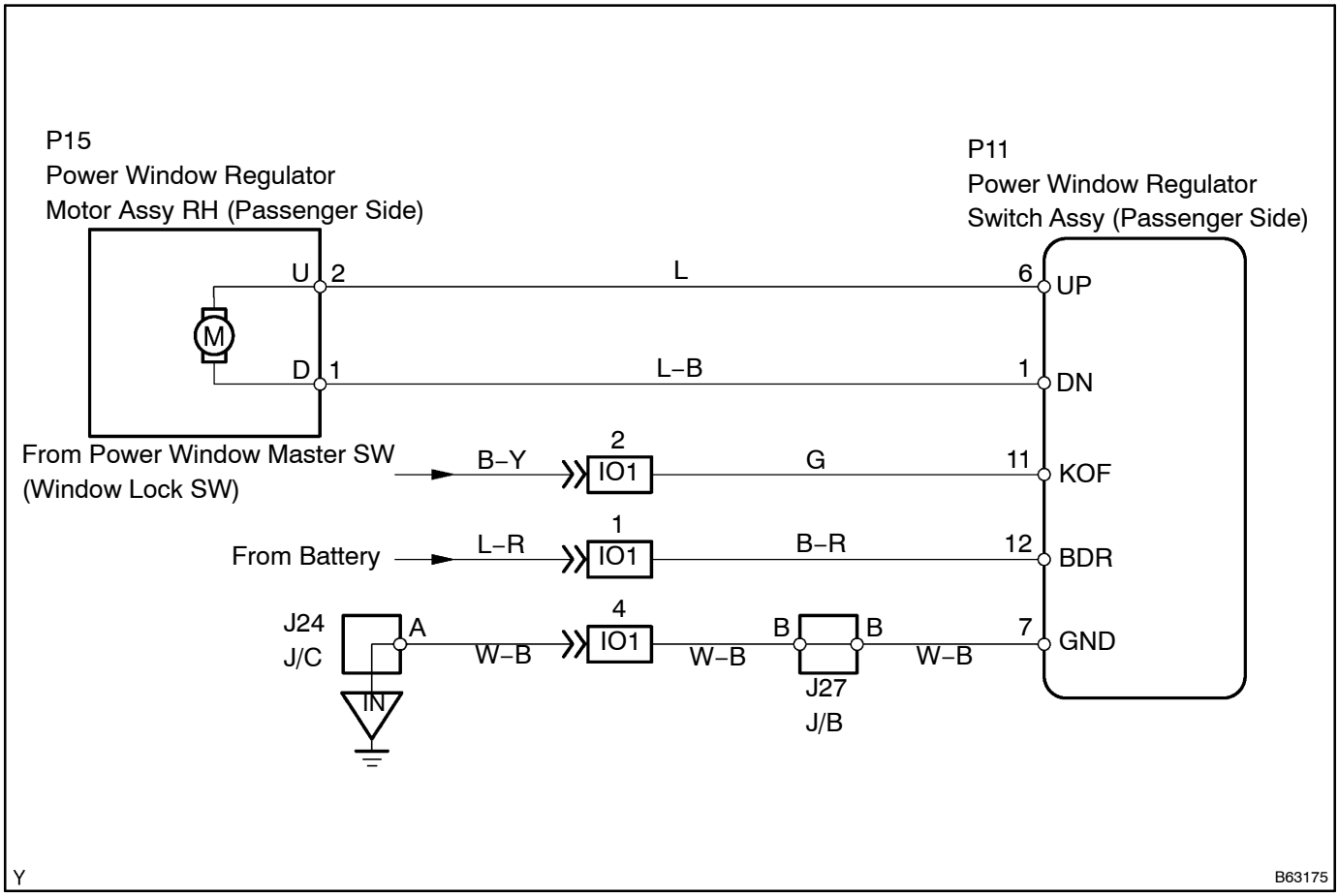
MANUAL UP/DOWN FUNCTION DOES NOT OPERATE AT PASSENGER SIDE (LHD MODELS)

CIRCUIT DISCRIPTION

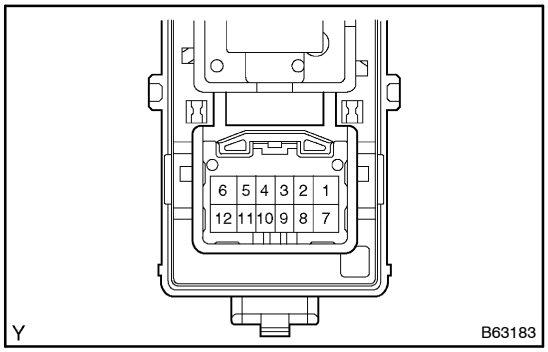
If the manual UP/DOWN function does not operate, any of the power window motor, the power window switch and the wire harness may be abnormal.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT POWER WINDOW REGULATOR SWITCH ASSY (PASSENGER SIDE) (FOR GROUND)



(a) Remove the power window switch (the connector is connected).

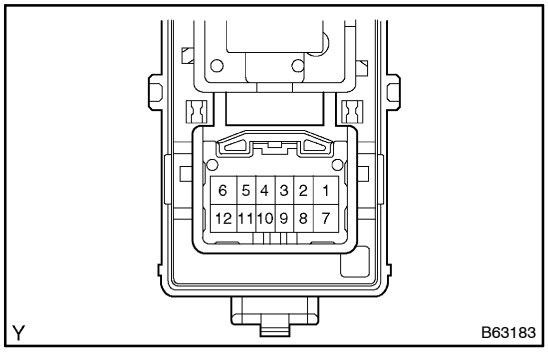
(b) Check the continuity between terminal 7 and the body ground.

Standard: Continuity

NG	REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

2	INSPECT POWER WINDOW REGULATOR SWITCH ASSY (PASSENGER SIDE) (FOR POWER SOURCE)

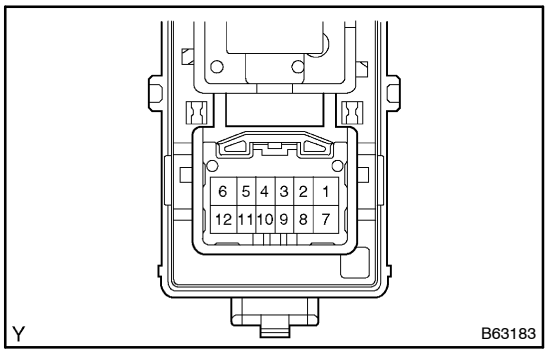


(a) Check the voltage between terminals 12 and 7.
Standard: 10 – 14 V (Constant)

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR (SWITCH ⇔ POWER SOURCE)**

OK

3	INSPECT POWER WINDOW REGULATOR SWITCH ASSY (PASSENGER SIDE) (FOR WINDOW LOCK SWITCH)



(a) Turn the ignition switch ON.
(b) Check the voltage between terminals 11 and 7 when operating the window lock switch on the master switch.
Standard:

Terminal No.	Window Lock Switch	Specified Condition
11 ⇔ 7	ON	5 V
	OFF	Less than 1 V

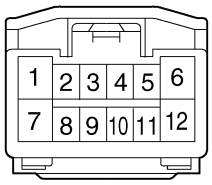
NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR (SWITCH ⇔ MASTER SWITCH)**

OK

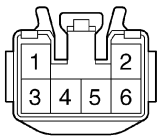
4 CHECK HARNESS AND CONNECTOR (SWITCH ⇔ MOTOR)

Wire Harness Side

P11
Power Window Regulator
Switch Assy (Passenger Side)



P15
Power Window Regulator
Motor Assy RH (Passenger Side)



B52056

(a) Disconnect the P11 power window switch connector.
(b) Remove the front door trim RH.
(c) Disconnect the P15 power window motor connector.
(d) Check the continuity between the wire harness side connectors.

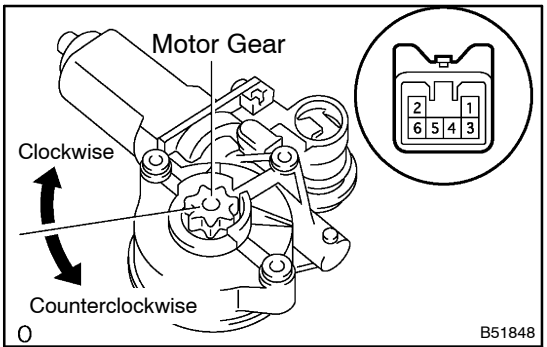
Standard:

Terminal No.	Specified Condition
P11–1 ⇔ P15–1	Continuity
P11–6 ⇔ P15–2	Continuity
P11–1 ⇔ Body ground	No continuity
P11–6 ⇔ Body ground	No continuity

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

OK

5 INSPECT POWER WINDOW REGULATOR MOTOR ASSY RH (PASSENGER SIDE)



B51848

(a) Remove the motor (See page 75–12).
(b) Apply battery voltage to the connector between terminals 1 and 2.
(c) Check that the motor rotates smoothly.

NOTICE:

Do not apply battery voltage to the terminals except 1 and 2.

Standard:

Terminal No.	Motor Gear Rotation
Battery positive voltage → 1 Battery negative voltage → 2	Clockwise
Battery positive voltage → 2 Battery negative voltage → 1	Counterclockwise

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

OK

REPLACE POWER WINDOW REGULATOR SWITCH ASSY (PASSENGER SIDE)