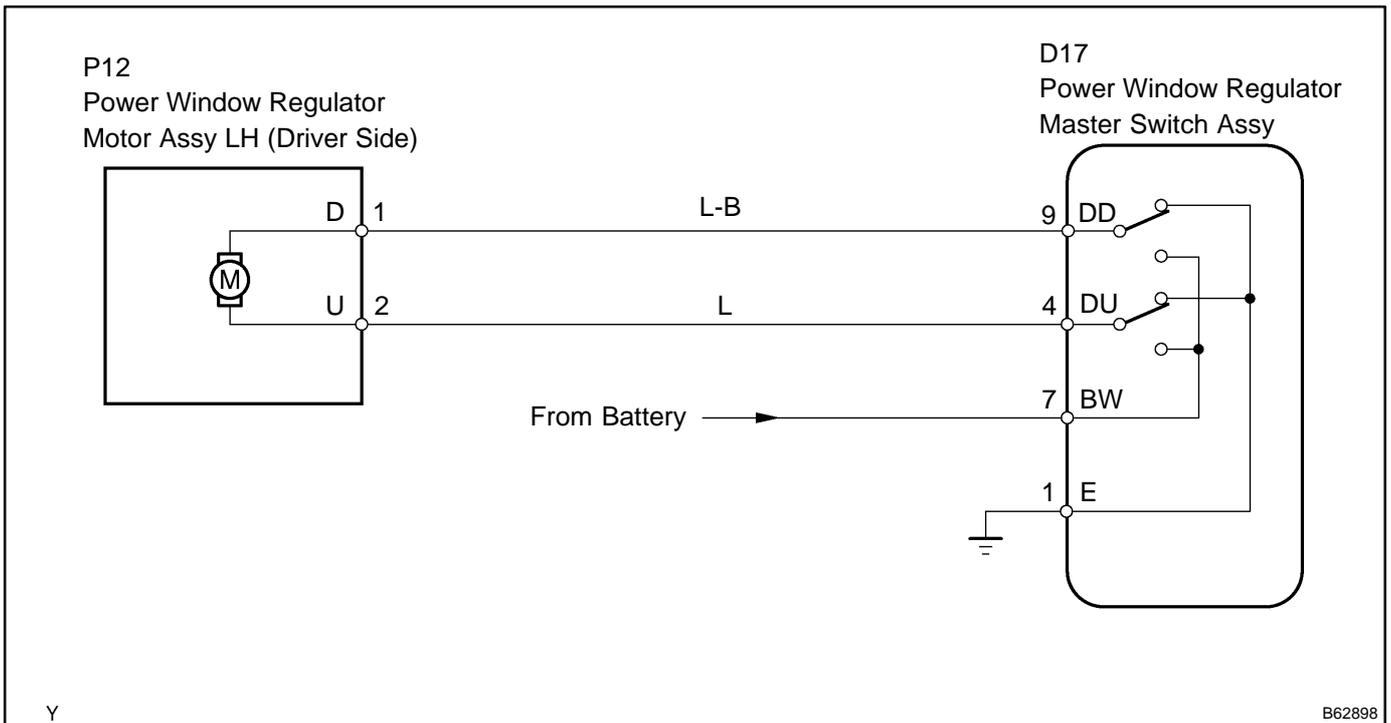


MANUAL UP/DOWN FUNCTION DOES NOT OPERATE (DRIVER SIDE)

CIRCUIT DESCRIPTION

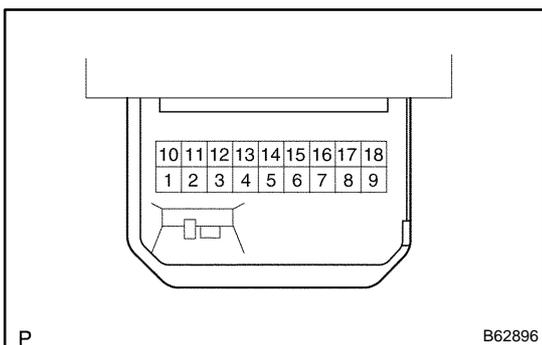
If the manual UP/DOWN function does not operate, the power window motor, the power window master switch or the wire harness is abnormal.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT POWER WINDOW REGULATOR MASTER SWITCH ASSY



- (a) Remove the master switch.
- (b) Check the continuity between the terminals of the switch when the AUTO switch is operated.

Standard:

AUTO Switch	Terminals No.	Specified Condition
UP	7 ↔ 4, 9 ↔ 1	Continuity
OFF	4 ↔ 9 ↔ 1	Continuity
DOWN	7 ↔ 9, 4 ↔ 1	Continuity

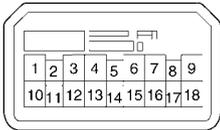
NG → REPLACE POWER WINDOW REGULATOR MASTER SWITCH ASSY

OK

2 CHECK HARNESS AND CONNECTOR (MASTER SWITCH ↔ MOTOR)

Wire Harness Side

D17
Power Window Regulator
Master Switch Assy



P12
Power Window Regulator
Motor Assy LH (Driver Side)

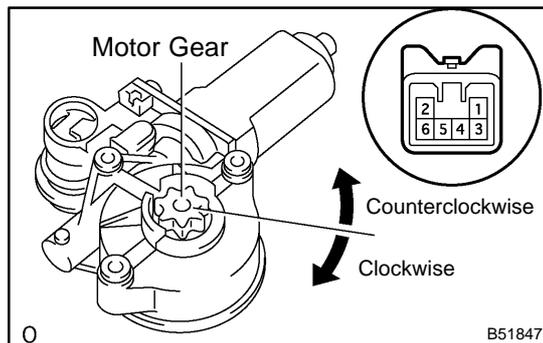


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- (a) Disconnect the D17 master switch connector.
- (b) Disconnect the P12 power window motor connector.
- (c) Check the continuity between the wire harness side connectors.

Standard:

Terminal No.	Specified Condition
9 ↔ 1	Continuity
4 ↔ 2	Continuity
4, 9 ↔ Body ground	No continuity



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- (d) Reference:
Check operation of the power window motor (driver side).
 - (1) Remove the motor (See page 75-15).
 - (2) Apply battery voltage to the connector terminals 1 and 2.
 - (3) Check that the motor rotates smoothly.

NOTICE:

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

Standard:

Terminal No.	Specified Condition
Battery positive voltage ↔ 2 Battery negative voltage ↔ 1	Motor gear rotates clockwise
Battery positive voltage ↔ 1 Battery negative voltage ↔ 2	Motor gear rotates counterclockwise

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE POWER WINDOW REGULATOR MOTOR ASSY LH (DRIVER SIDE)