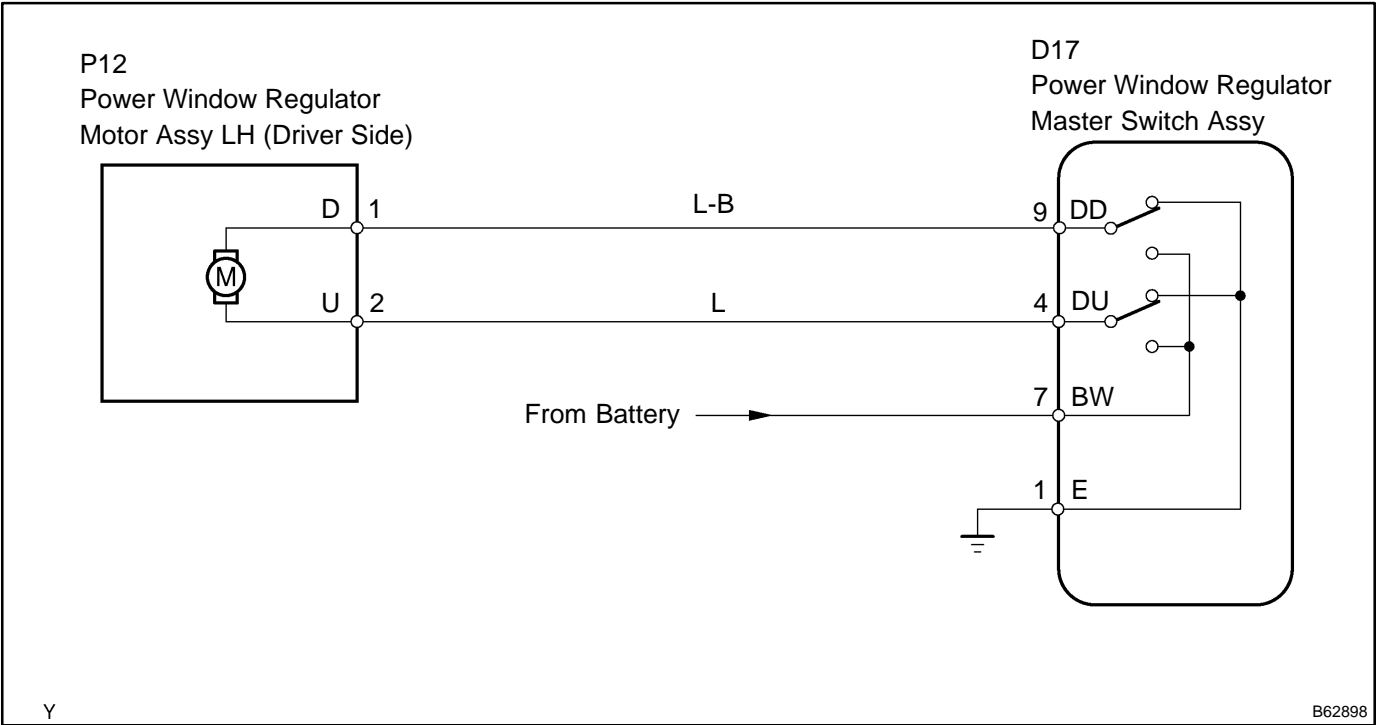


# MANUAL UP/DOWN FUNCTION DOES NOT OPERATE (DRIVER SIDE)

## CIRCUIT DESCRIPTION

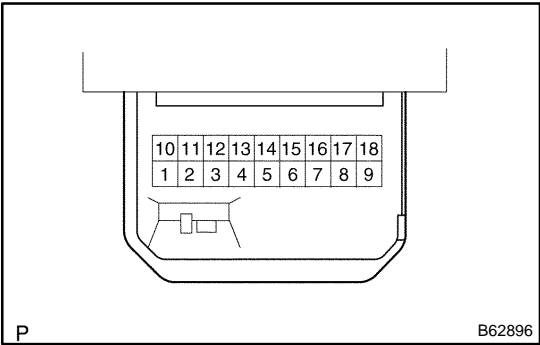
If the manual UP/DOWN function does not operate, the power window motor, the power window master switch or the wire harness is abnormal.

## 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

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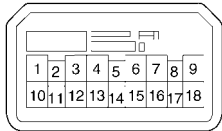
REPLACE POWER WINDOW REGULATOR MASTER SWITCH ASSY

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)

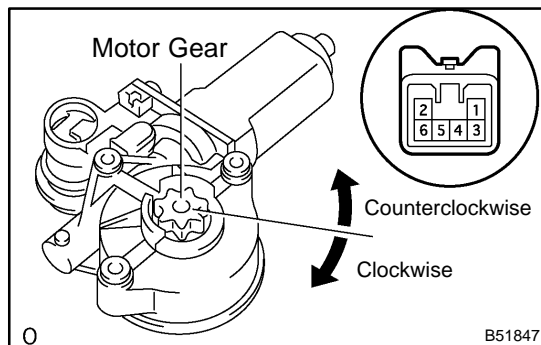


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- Disconnect the D17 master switch connector.
- Disconnect the P12 power window motor connector.
- Check the continuity between the wire harness side connectors.

#### Standard:

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



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

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**REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

## REPLACE POWER WINDOW REGULATOR MOTOR ASSY LH (DRIVER SIDE)