

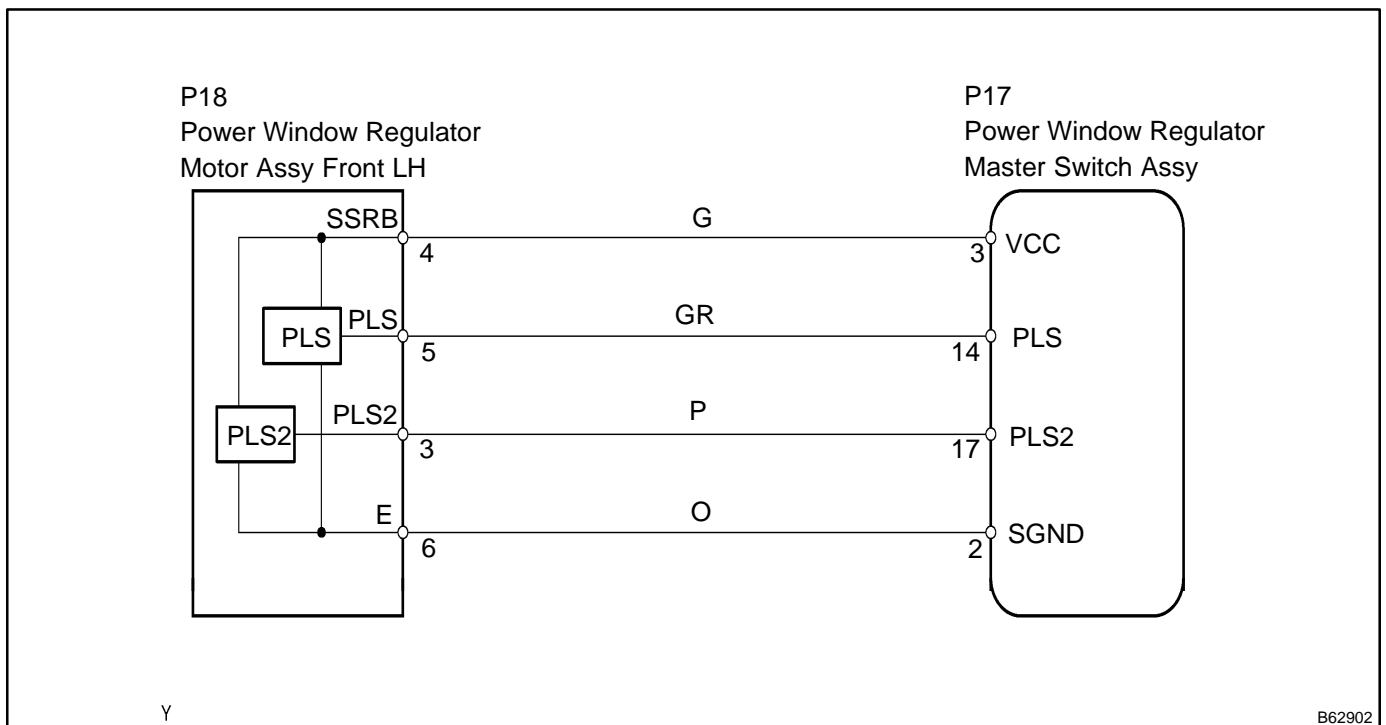
## AUTO UP/DOWN FUNCTION DOES NOT OPERATE

### CIRCUIT DESCRIPTION

If the AUTO UP/DOWN function does not operate, the cause may be one or more of the following:

- The recorded power window fully closed position, which is stored in the power window regulator master switch assembly, was erased as a result of: 1) the POWER fuse or the power window relay (PWR) being replaced; or 2) the battery cable and the master switch assembly's switch connector being disconnected.
- The master switch assembly has a malfunction.
- The pulse sensors in the driver side power window regulator motor have a malfunction.
- The wiring between the master switch assembly and the driver side power window regulator motor is open or short circuited.

### WIRING DIAGRAM



### INSPECTION PROCEDURE

#### 1 CHECK MANUAL UP/DOWN FUNCTION (DRIVER SIDE)

- (a) Check if the manual UP/DOWN function operates normally.

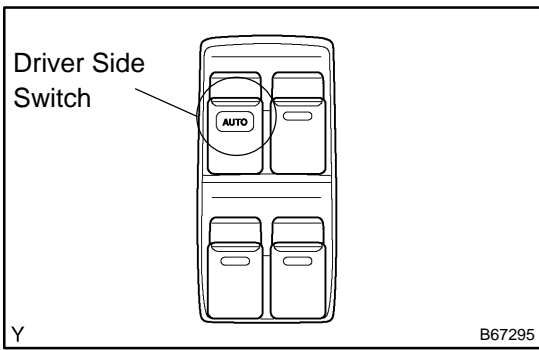
**OK: Manual UP/DOWN function operates normally.**

**NG**

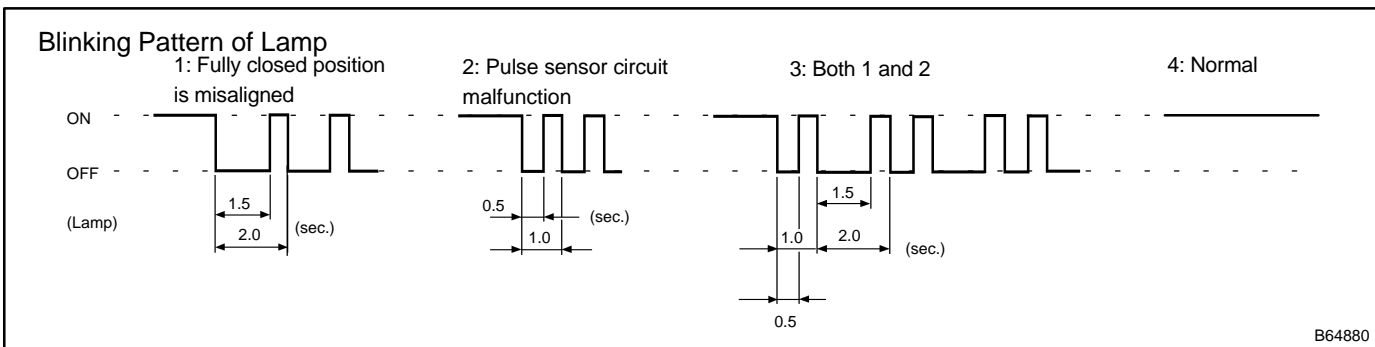
**OTHER PROBLEM (See page 05-2029)**

**OK**

**2 CHECK LAMP OF POWER WINDOW MASTER SWITCH**



- (a) Turn the power switch ON (IG).
- (b) Operate the master switch assembly's driver side switch shown in the illustration on the left.
- (c) Check the blinking pattern of the AUTO lamp. Compare the blinking pattern with the illustration below.



**Result:**

Blinking Pattern	Proceed to
1	A
2 or 3	B
4	C

**B** Go to step 4

**C** REPLACE POWER WINDOW REGULATOR MASTER SWITCH ASSY

**A**

**3 RESET POWER WINDOW REGULATOR MOTOR ASSY FRONT LH(See page 05-2028)**

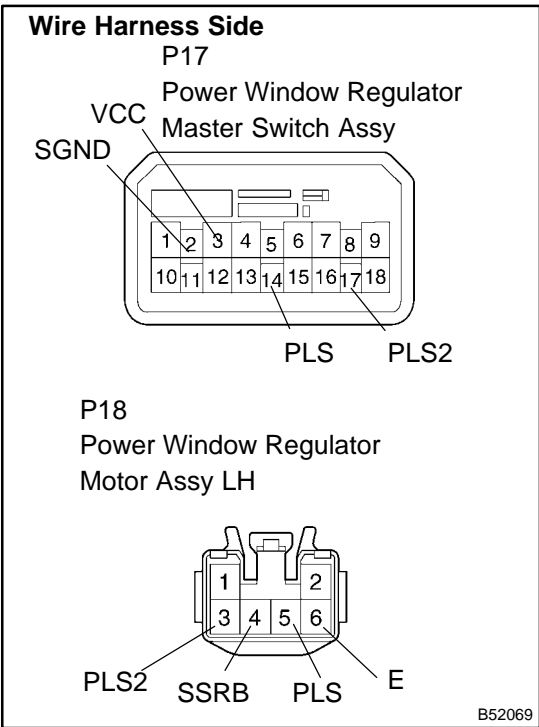
- (a) Check if the power window operates normally after the reset.  
**OK: Power window operates normally.**

**NG** Go to step 4

**OK**

**END**

**4 CHECK WIRE HARNESS (POWER WINDOW REGULATOR MASTER SWITCH ASSY - POWER WINDOW REGULATOR MOTOR ASSY FRONT LH AND BODY GROUND)**



- (a) Disconnect the P17 master switch connector.
- (b) Disconnect the P18 power window motor connector.
- (c) Measure the resistance of the wire harness side connectors.

**Standard:**

Tester Connection	Specified Condition
P17-3 (VCC) - P18-4 (SSRB)	Below 1 Ω
P17-14 (PLS) - P18-5 (PLS)	Below 1 Ω
P17-17 (PLS2) - P18-3 (PLS2)	Below 1 Ω
P17-2 (SGND) - P18-6 (E)	Below 1 Ω
P17-3 (VCC) - Body ground	10 kΩ or higher
P17-14 (PLS) - Body ground	10 kΩ or higher
P17-17 (PLS2) - Body ground	10 kΩ or higher

**NG REPAIR OR REPLACE HARNESS AND CONNECTOR**

**OK**

**REPLACE POWER WINDOW REGULATOR MOTOR ASSY FRONT LH (DRIVER SIDE)**