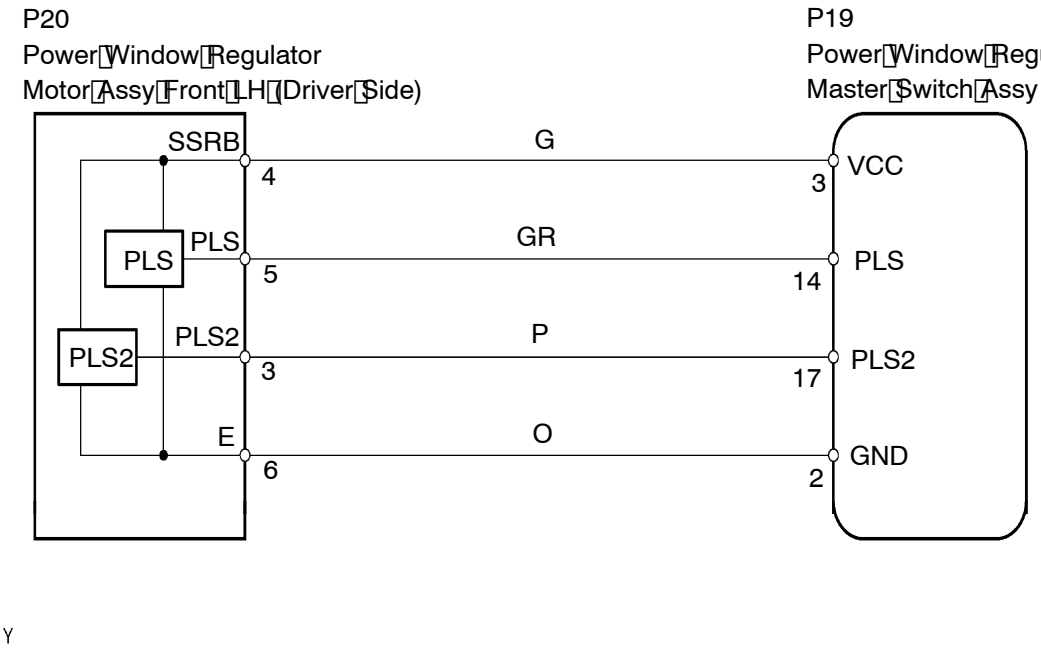
AUTO UP/DOWN FUNCTION DOES NOT OPERATE

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

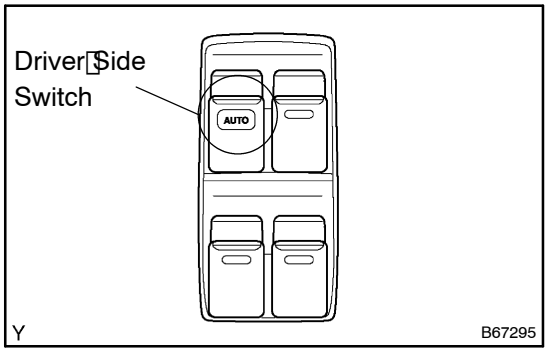
1	CHECK MANUAL UP/DOWN FUNCTION (DRIVER SIDE)

(a) Check if the manual UP/DOWN function operates normally.
OK: Manual UP/DOWN function operates normally.

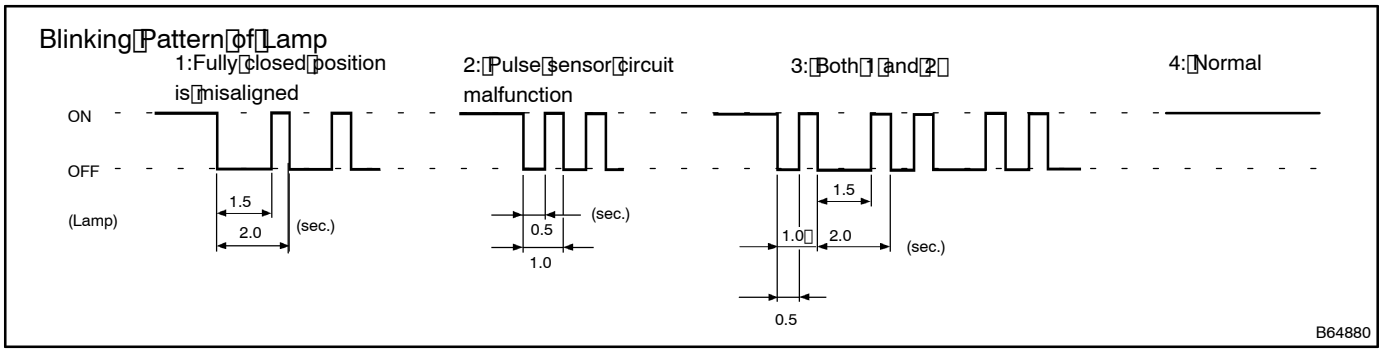
NG ▷ OTHER PROBLEM (See page 05–1728)

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 (DRIVER SIDE) (See page 05–1727)

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

NG → **Go to step 4**

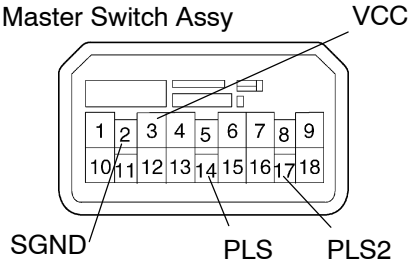
OK

END

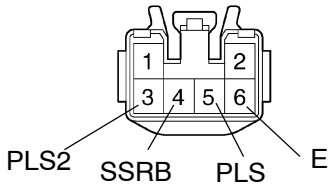
4	CHECK WIRE HARNESS (POWER WINDOW REGULATOR MASTER SWITCH ASSY – POWER WINDOW REGULATOR MOTOR ASSY FRONT LH AND BODY GROUND)

Wire Harness Side

P19
Power Window Regulator
Master Switch Assy



P20
Power Window Regulator
Motor Assy LH (Driver Side)



B52069

(a) Disconnect the P19 master switch connector.
(b) Disconnect the P20 power window motor connector (driver side).
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
P19–3 (VCC) – P20–4 (SSRB)	Below 1 Ω
P19–14 (PLS) – P20–5 (PLS)	Below 1 Ω
P19–17 (PLS2) – P20–3 (PLS2)	Below 1 Ω
P19–2 (GND) – P20–6 (E)	Below 1 Ω
P19–3 (VCC) – Body ground	10 kΩ or higher
P19–14 (PLS) – Body ground	10 kΩ or higher
P19–17 (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)