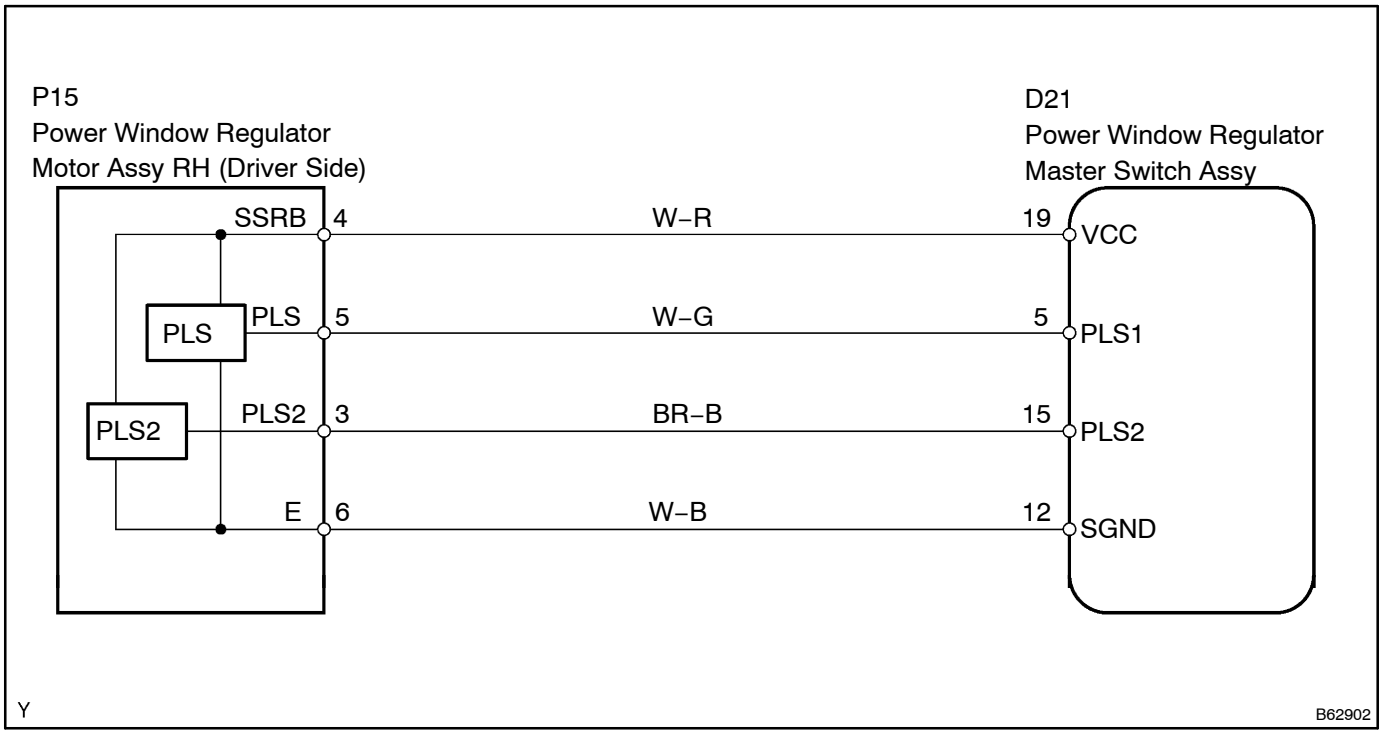
AUTO UP/DOWN FUNCTION DOES NOT OPERATE AT DRIVER SIDE (RHD MODELS)

CIRCUIT DESCRIPTION

If the AUTO UP/DOWN function does not operate, any of the following troubles may be the cause:

- When the battery terminal and the connectors of the power window switches are disconnected, the power window memory of the fully closed position which is recorded in the power window switch in each door is erased.
- The pulse sensor in the applicable power window motor has a malfunction.
- There is an open or short circuit in the wiring between the applicable power window switch and the corresponding power window motor.
- The applicable power window switch has a malfunction.

WIRING DIAGRAM



INSPECTION PROCEDURE

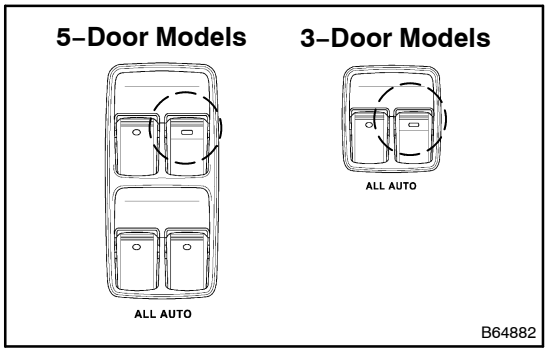
1	CHECK MANUAL UP/DOWN FUNCTION (DRIVER SIDE)

(a) Check that the door glass can be operated manually.

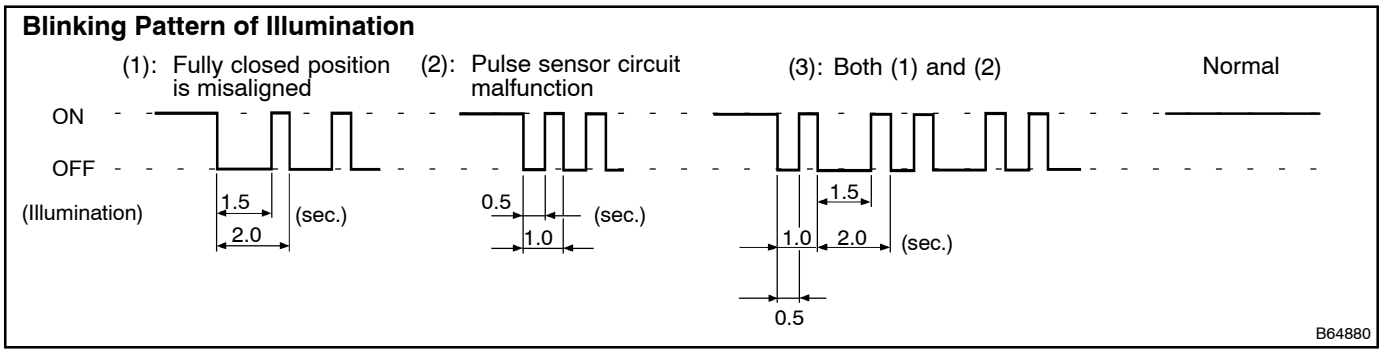
NG → OTHER PROBLEM (See page 05–1624)

OK

2	CHECK ILLUMINATION OF POWER WINDOW MASTER SWITCH



(a) Turn the ignition switch ON.
(b) Operate the driver switch of the master switch.
(c) Check the blinking pattern of the illumination as shown in the illustration.
  (1) If pattern (1) is displayed, proceed to A.
  (2) If pattern (2) or (3) is displayed, proceed to B.
  (3) If the normal pattern is displayed, proceed to C.



B → Go to step 4

C → REPLACE POWER WINDOW REGULATOR MASTER SWITCH ASSY

A

3	RESET POWER WINDOW REGULATOR MOTOR (DRIVER SIDE)

(a) Turn the ignition switch ON.
(b) Open the door glass.
(c) Pull up the power window switch fully until the door glass is fully closed.
(d) Check that the AUTO UP/DOWN function operates completely.

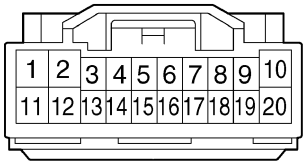
OK → END

NG

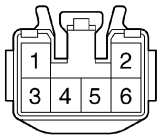
4 CHECK HARNESS AND CONNECTOR (MASTER SWITCH ⇔ MOTOR)

Wire Harness Side

D21
Power Window Master Switch



P15
Power Window Motor (Driver Side)



B52055

(a) Remove the driver side door trim board (See page 75–12).
(b) Disconnect the D21 master switch connector.
(c) Disconnect the P15 power window motor connector.
(d) Check the continuity between the wire harness side connectors.

Standard:

Terminal No.	Specified Condition
D21–19 ⇔ P15–4	Continuity
D21–5 ⇔ P15–5	Continuity
D21–15 ⇔ P15–3	Continuity
D21–12 ⇔ P15–6	Continuity
D21–5 ⇔ Body ground	No continuity
D21–12 ⇔ Body ground	No continuity
D21–15 ⇔ Body ground	No continuity
D21–19 ⇔ Body ground	No continuity

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

OK

REPLACE POWER WINDOW REGULATOR MOTOR ASSY RH (DRIVER SIDE)