

Power Window System

GLASS/WINDOWS/MIRRORS

3. Power Window System

A: WIRING DIAGRAM

Refer to "Power Window System" in the wiring diagram. <Ref. to WI-237, WIRING DIAGRAM, Power Window System.>

B: INSPECTION

Symptoms	Inspection order
All power windows do not operate.	1. Check the fuse. 2. Check the power window relay. 3. Check the wiring harness.
Particular window does not operate.	1. Check the fuse. 2. Check the power window main switch. 3. Check the power window sub-switch. 4. Check the power window motor. 5. Check the wiring harness.
"Window Lock" does not operate.	Check the power window main switch.
Driver's side window moves slightly (approx. 20 mm (0.79 in)). (model with driver's side AUTO UP function)	1. Check the power window motor. 2. Check the power window main switch. 3. Check the wiring harness.
Driver's side window moves slightly (approx. 50 mm (1.97 in)). (model with driver's side AUTO UP function) (This is not malfunction.)	Perform reset operation A. <Ref. to GW-10, RESET OPERATION A, OPERATION, Power Window System.>
Driver's side window does not close completely. (model with driver's side AUTO UP function) (After fully closed with AUTO UP, the window reverses and slightly opens.)	Perform reset operation B. <Ref. to GW-10, RESET OPERATION B, OPERATION, Power Window System.>

C: OPERATION

1. RESET OPERATION A

- 1) Sit in the driver's seat and close the door.
- 2) Turn the ignition switch to ON.
- 3) Operate the power window main switch to open the window glass halfway.
- 4) Operate the power window main switch to "UP" direction to fully close the driver's side window glass.
- 5) While the window glass is fully closed, hold down the power window switch to "UP" direction for one second.
- 6) Operate the power window main switch to "AUTO DOWN" direction to check whether the window fully opens properly.

NOTE:

If the window does not fully open properly, repeat steps 1) to 6).

2. RESET OPERATION B

- 1) Sit in the driver's seat and close the door.
- 2) Turn the ignition switch to ON.
- 3) Perform "AUTO UP" operation for the driver's side window glass, by fully pulling up the power window main switch to cause the reverse operation (in reverse operation, the window is repeatedly fully closed and then reversed to open it slightly.) 10 times in row.
- 4) Check that the "AUTO UP" does not operate.
- 5) Perform reset operation A.
- 6) Check that the window operates properly by operating the "AUTO UP" and "AUTO DOWN" switch.

NOTE:

If the window does not fully open/close properly, repeat steps 1) to 6).

D: NOTE

For operation procedures of each component of the power window system, refer to the respective sections.

- Power window control switch: <Ref. to GW-12, Power Window Control Switch.>
- Front door glass: <Ref. to GW-18, Front Door Glass.>
- Front regulator and motor assembly: <Ref. to GW-20, Front Regulator and Motor Assembly.>
- Rear door glass: <Ref. to GW-30, Rear Door Glass.>
- Rear regulator and motor assembly: <Ref. to GW-32, Rear Regulator and Motor Assembly.>