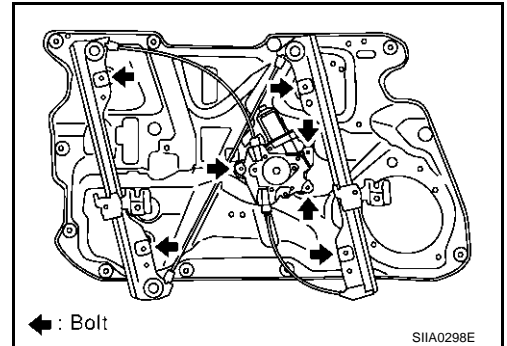


# FRONT DOOR GLASS AND REGULATOR

## DISASSEMBLY AND ASSEMBLY

### Disassembly

Remove the power window motor and guide rail from the module assembly.



### Assembly

Assemble in the reverse order of disassembly.

## SETTING AFTER INSTALLATION

### Setting of Limit Switch

If any of the following work has been done, set the limit switch (integrated in the motor).

- Removal and installation of the regulator.
- Removal and installation of the motor from the regulator.
- Operate the regulators as a unit.
- Removal and installation of the glass.
- Removal and installation of the glass run.

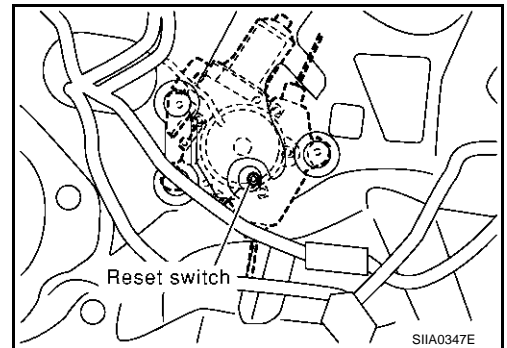
### Resetting

After installing each component to the vehicle, follow the steps below.

1. Raise the glass to the top position.
2. While pressing and holding the reset switch, lower the glass to the bottom position.
3. Release the reset switch, and check the reset switch returns to the original position, and then raise the glass to the top position.

#### **CAUTION:**

**Do not operate the glass automatically to raise the glass to the top position.**



## FITTING INSPECTION

- Check that the glass is securely fit into the glass run groove.
- Lower the glass slightly [approx. 10 to 20 mm (0.39 to 0.79 in)] and check that the clearance to the sash is parallel. If the clearance between the glass and sash is not parallel, loosen the regulator mounting bolts, guide rail mounting bolts, and glass and guide rail mounting bolts to correct the glass position.

A  
B  
C  
D  
E  
F  
G  
H  
GW  
J  
K  
L  
M

# REAR DOOR GLASS AND REGULATOR

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## SETTING AFTER INSTALLATION

### Setting of Limit Switch

When any of the following work has been done, reset the limit switch (integrated in the motor).

- Removal and installation of the regulator.
- Removal and installation of the motor from the regulator.
- Operate the regulators as a unit.
- Removal and installation of the glass.
- Removal and installation of the glass run.

### Resetting

Remove the window regulator assembly from the door panel, follow the steps below.

1. To remove the window motor from the regulator assembly, operate the power window switch until the window motor mounting screws can be seen.
2. Remove the window motor from window regulator.
3. Connect the window motor to the switch harness. And run the motor more than 5 seconds to upward position by using power window switch.
4. Assemble the window motor and window regulator, then install it to the door.
5. Install window glass to the regulator assembly.
6. Use the Manual up position of power window switch to run the regulator to the top of its travel to set the limit switch.
7. Use the Manual down position of the power window switch to run the regulator to the bottom of its travel.

#### **CAUTION:**

**Do not use Auto up or Auto down functions for step 6 and 7.**

## FITTING INSPECTION

- Check that the glass is securely fit into the glass run groove.
- Lower the glass slightly [approx. 10 to 20 mm (0.39 to 0.79 in)], and check that the clearance to the sash is parallel. If the clearance between the glass and sash is not parallel, loosen the regulator mounting bolts and the glass and carrier plate mounting bolts to correct the glass position.