

6. Front Regulator and Motor Assembly

A: REMOVAL

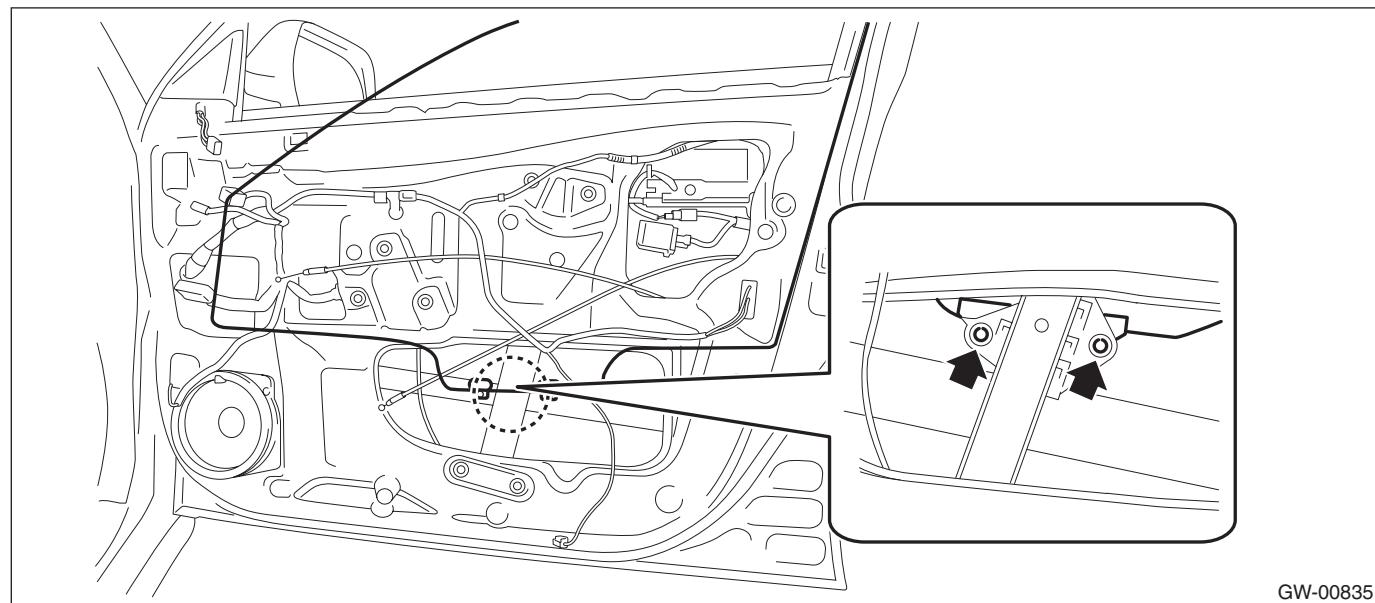
- 1) Remove the front door trim. <Ref. to EI-57, FRONT DOOR, REMOVAL, Door Trim.>
- 2) Remove the sealing cover.

CAUTION:

- Carefully remove the butyl tape. Excessive force will easily break the cover.
- If cover gets broken, replace it with a new part.



- 3) Remove the inner pad.
- 4) Attach the battery ground cable and power window switch and turn the ignition to ON.
- 5) Remove the front door glass.
 - (1) Operate the power window switch to move the front door glass to the position where the mounting bolts can be seen.
 - (2) Remove the bolt.



GW-00835

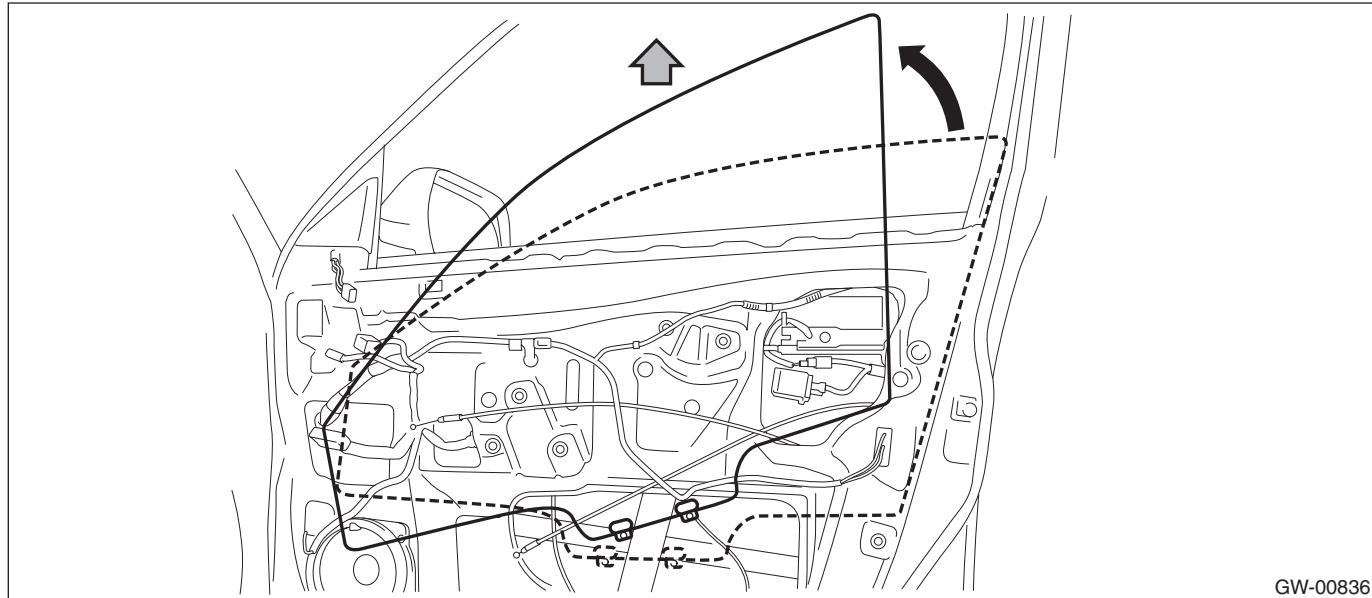
Front Regulator and Motor Assembly

GLASS/WINDOWS/MIRRORS

(3) While tilting the glass, remove the windshield glass.

CAUTION:

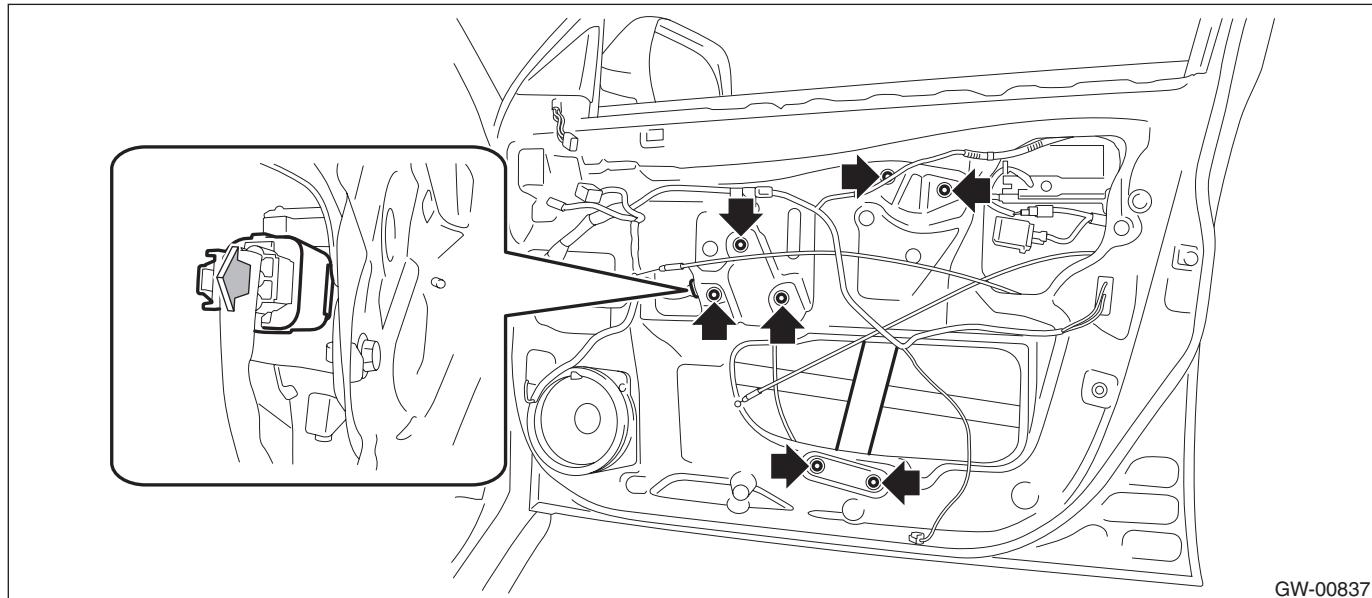
Avoid impact and damage to the glass.



6) Remove the front regulator and motor assembly.

(1) Disconnect the connector.

(2) Remove the bolts, and then remove the front regulator and motor assembly.



B: INSTALLATION

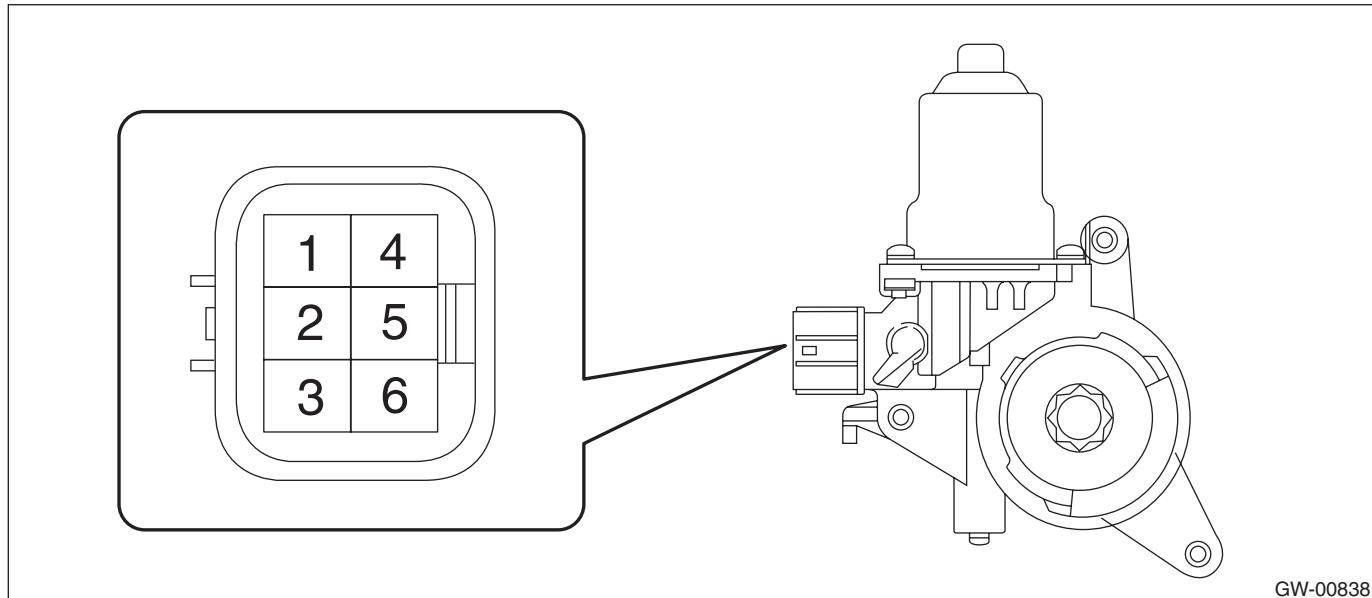
Install each part in the reverse order of removal.

Tightening torque:

Refer to "COMPONENT" of "General Description". <Ref. to GW-4, FRONT DOOR GLASS, COMPONENT, General Description.>

C: INSPECTION

- 1) Disconnect the motor connector.
- 2) Apply battery voltage between the motor connector terminals and check the motor operation. Check to ensure that the motor rotates in reverse direction when the terminal to which battery voltage is applied is changed.



- RH side

Terminal No.	Inspection conditions	Specification
1 (+) — 4 (-)	Apply battery voltage between terminals	Increase
4 (+) — 1 (-)	Apply battery voltage between terminals	Decrease

- LH side

Terminal No.	Inspection conditions	Specification
3 (+) — 6 (-)	Apply battery voltage between terminals	Increase
6 (+) — 3 (-)	Apply battery voltage between terminals	Decrease

- 3) If the inspection results in improper operation, replace the front regulator and motor assembly.