

6. Front Regulator and Motor Assembly

A: REMOVAL

1) Disconnect the ground cable from battery and wait for at least 60 seconds before starting work. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For models other than STI model, disconnect the ground terminal from battery sensor.

2) Remove the trim panel - front door. <Ref. to EI-56, FRONT DOOR, REMOVAL, Door Trim.>

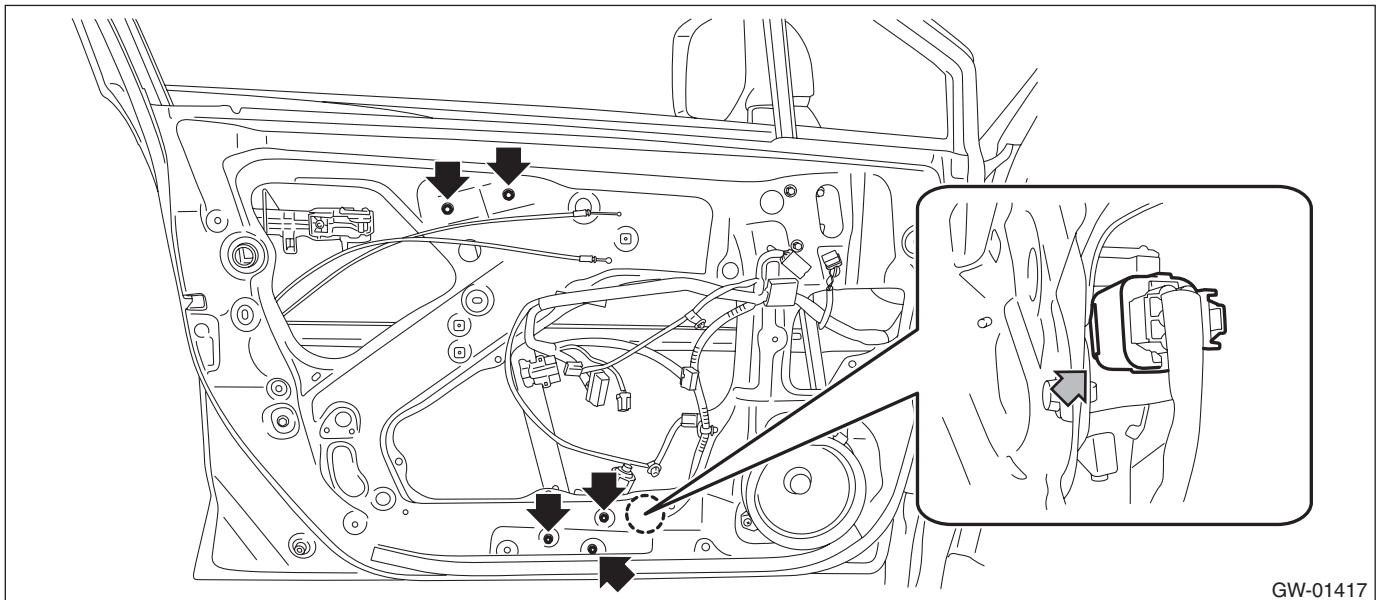
3) Remove the sealing cover - front door. <Ref. to EB-32, REMOVAL, Front Sealing Cover.>

4) Remove the glass assembly - front door. <Ref. to GW-19, REMOVAL, Front Door Glass.>

5) Remove the regulator and motor assembly - front.

(1) Disconnect the motor - front connector.

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



GW-01417

B: INSTALLATION

1) Install the regulator and motor assembly - front.

Tightening torque:

7.5 N·m (0.8 kgf-m, 5.5 ft-lb)

2) Install the glass assembly - front door. <Ref. to GW-22, INSTALLATION, Front Door Glass.>

3) Install the sealing cover - front door.

4) Install the trim panel - front door.

5) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

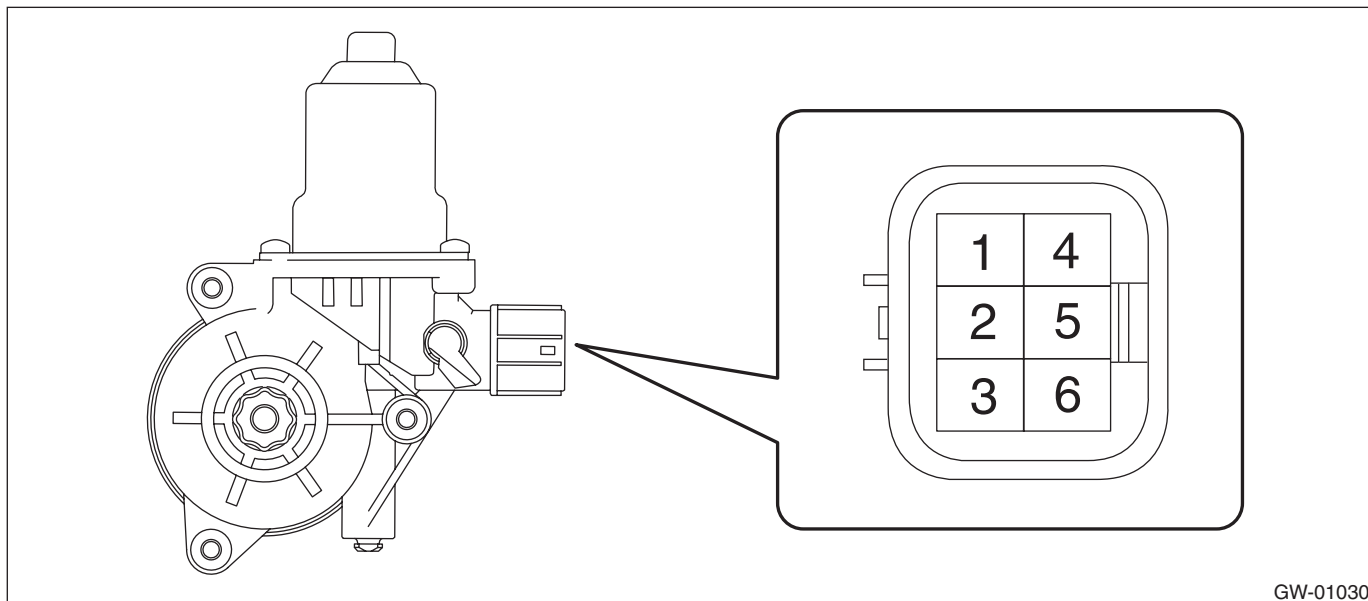
For models other than STI model, connect the ground terminal to battery sensor.

Front Regulator and Motor Assembly

GLASS/WINDOWS/MIRRORS

C: INSPECTION

- 1) Disconnect the connector of the motor - front.
- 2) Check the motor operation when battery voltage is applied between terminals of the motor - front connector.



- LH side

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

- RH side

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

- 3) If it does not operate properly as a result of inspection, replace the regulator and motor assembly - front.