

## FRESH/RECIRC Door Actuator

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

### 25.FRESH/RECIRC Door Actuator

#### A: REMOVAL

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

##### NOTE:

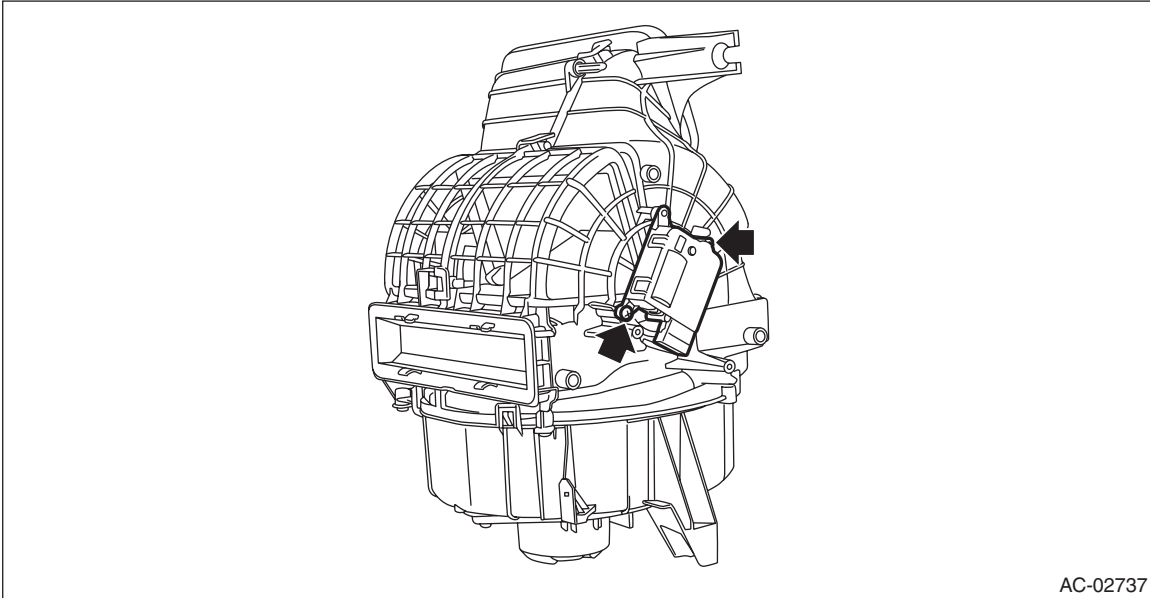
For models other than STI model, disconnect the ground terminal from battery sensor.

2) Remove the glove box. <Ref. to EI-63, REMOVAL, Glove Box.>

3) Remove the engine control module (ECM). (STI model) <Ref. to FU(STI)-56, REMOVAL, Engine Control Module (ECM).>

4) Remove the blower motor unit assembly. <Ref. to AC-35, REMOVAL, Blower Motor Unit Assembly.>

5) Remove the screws and detach the motor - actuator blower.



AC-02737

#### B: INSTALLATION

##### CAUTION:

**After installing the grille assembly - ventilation RH, check that the air vent grille of the grille assembly - ventilation RH is inserted correctly into the air vent duct.**

1) Install the motor - actuator blower. <Ref. to AC-81, INSTALLATION, Evaporator Sensor.>

2) Install the blower motor unit assembly.

##### **Tightening torque:**

**7.5 N·m (0.8 kgf-m, 5.5 ft-lb)**

3) Install the engine control module (ECM). (STI model) <Ref. to FU(STI)-56, INSTALLATION, Engine Control Module (ECM).>

4) Install the glove box.

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.

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## C: INSPECTION

### 1. CHECK LINK

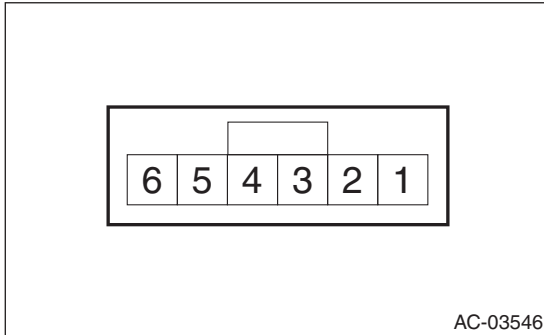
- 1) Visually check the operation range of the link, and remove the foreign material if any.
- 2) Operate the FRESH/RECIRC switch to check that the link operates normally.
- 3) If it does not operate normally as the result of inspection, check the motor - actuator blower.

### 2. CHECK ACTUATOR

- 1) Check the actuator operation when battery voltage is applied between the connector terminals.

#### CAUTION:

**Disconnect the battery immediately after the actuator stops operation. Otherwise, the motor may be damaged.**



Terminal No.	Inspection conditions	Operating position
1 (+) — 2 (-)	Apply battery voltage.	RECIRC
2 (+) — 1 (-)		FRESH

- 2) If it does not operate normally as the result of inspection, replace the motor - actuator blower.