

28.FRESH/RECIRC Door Actuator

A: REMOVAL

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

NOTE:

For the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

2) Remove the glove box. <Ref. to EI-78, REMOVAL, Glove Box.>

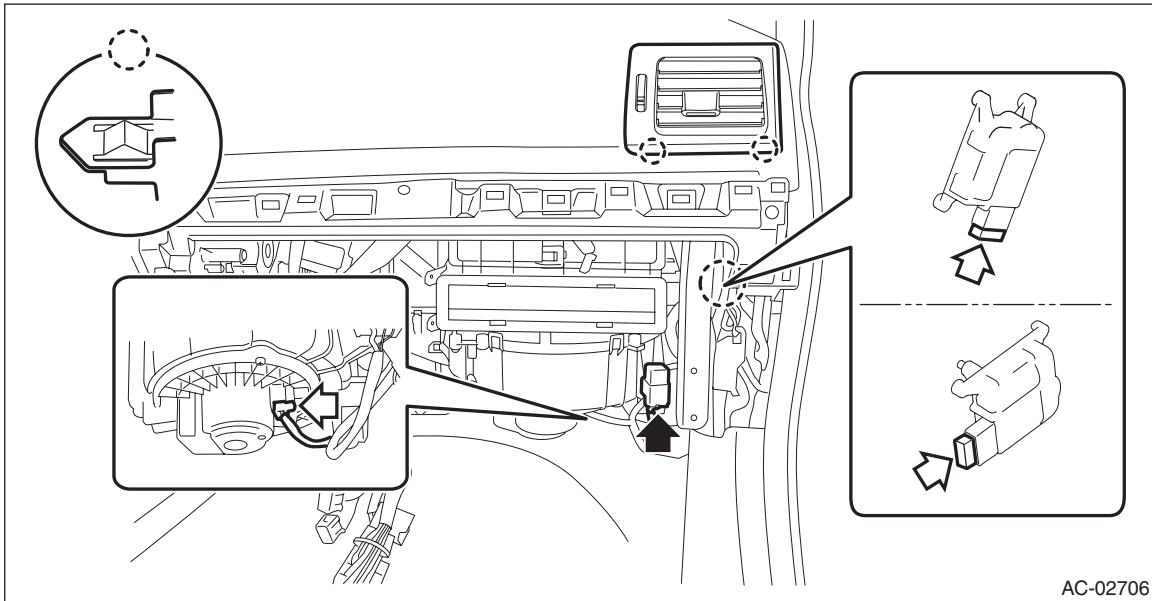
3) Remove the engine control module (ECM).

- Gasoline engine model: <Ref. to FU(H4DO(w/o HEV))-100, REMOVAL, Engine Control Module (ECM).>
- HEV model: <Ref. to FU(H4DO(HEV))-85, REMOVAL, Engine Control Module (ECM).>

4) Remove the blower motor unit assembly.

(1) Release the claws, and then remove the grille assembly - ventilation RH.

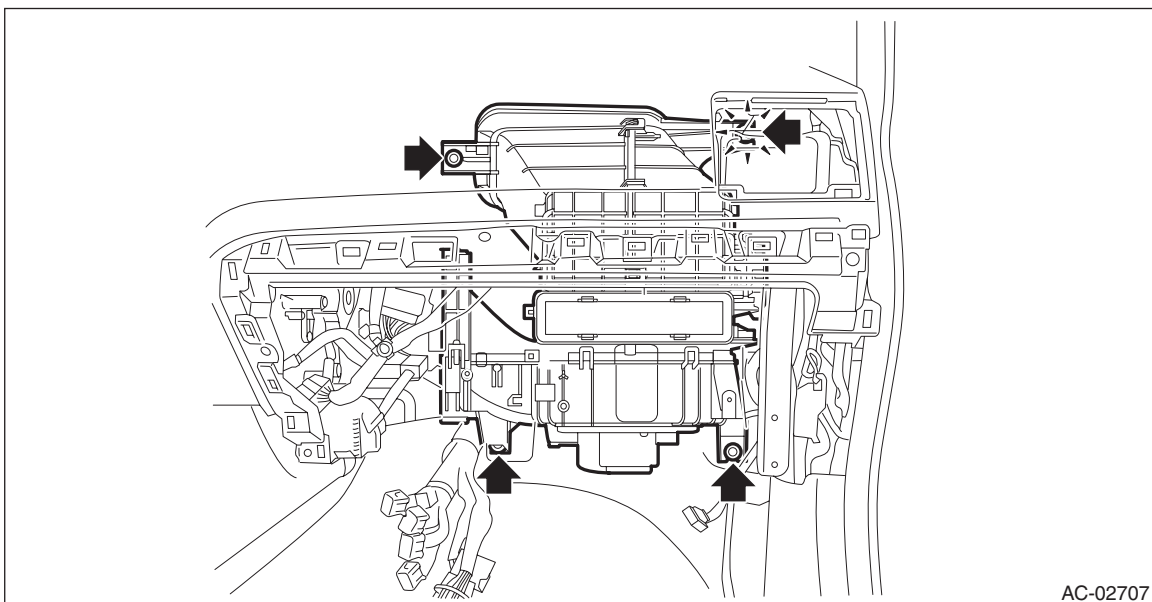
(2) Disconnect the blower motor relay and each connector.



(3) Remove the bolts and nuts to remove blower motor unit assembly.

NOTE:

Remove the RH upper nut from the mounting portion of the grille assembly - ventilation RH.

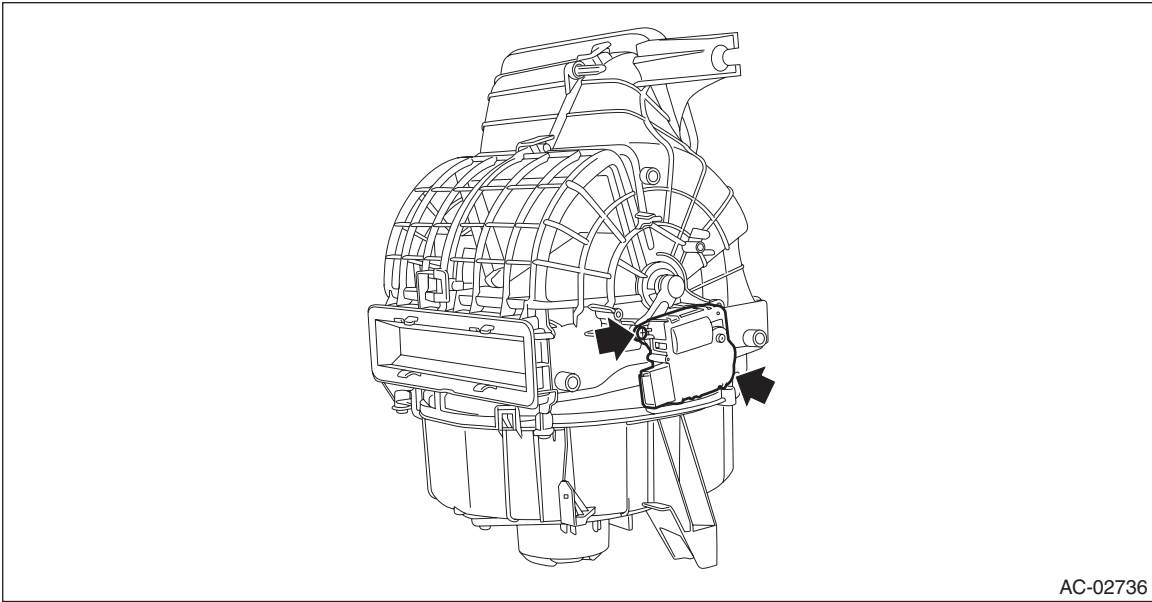


FRESH/RECIRC Door Actuator

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

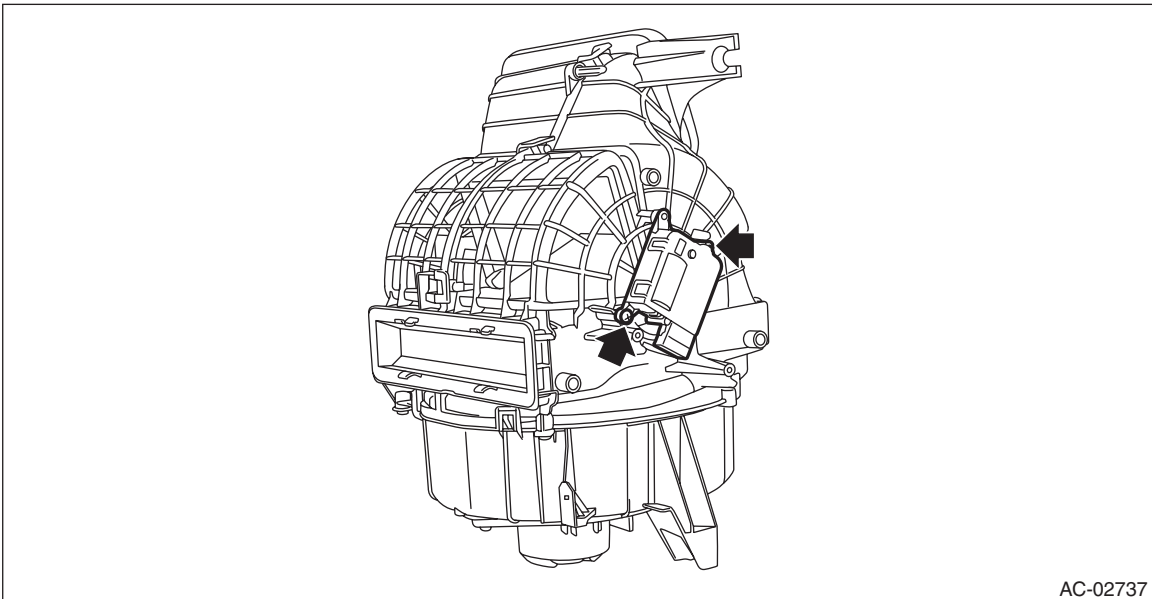
5) Remove the screws and detach the motor - actuator blower.

- Manual A/C model



AC-02736

- Auto A/C model



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.

Install each part in the reverse order of removal.

Tightening torque:

Blower motor unit: <Ref. to AC-10, BLOWER MOTOR UNIT, COMPONENT, General Description.>

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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

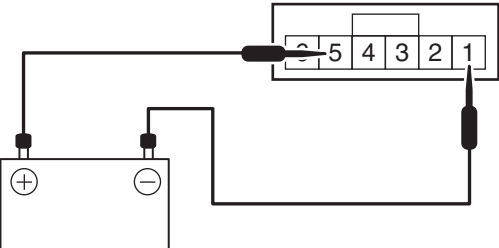
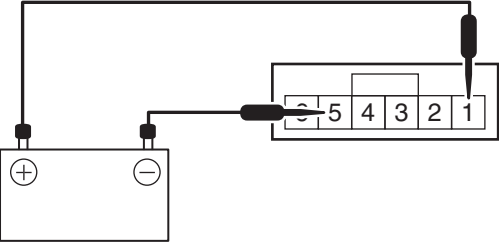
UNIT INSPECTION

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

CAUTION:

Remove the battery immediately once the actuator stops operating. Otherwise, damage to the motor can occur.

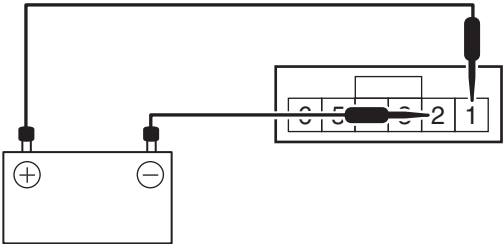
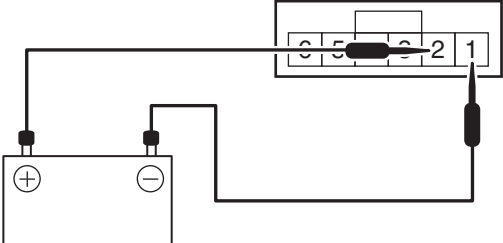
- Manual A/C model

Terminal No.	Inspection conditions	Position	Connection diagram
5 (+) — 1 (–)	Connect battery to the terminals	RECIRC	 AC-02738
1 (+) — 5 (–)		FRESH	 AC-02739

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HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

- Auto A/C model

Terminal No.	Inspection conditions	Position	Connection diagram
1 (+) — 2 (-)	Connect battery to the terminals	RECIRC	 AC-02742
2 (+) — 1 (-)		FRESH	 AC-02741

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