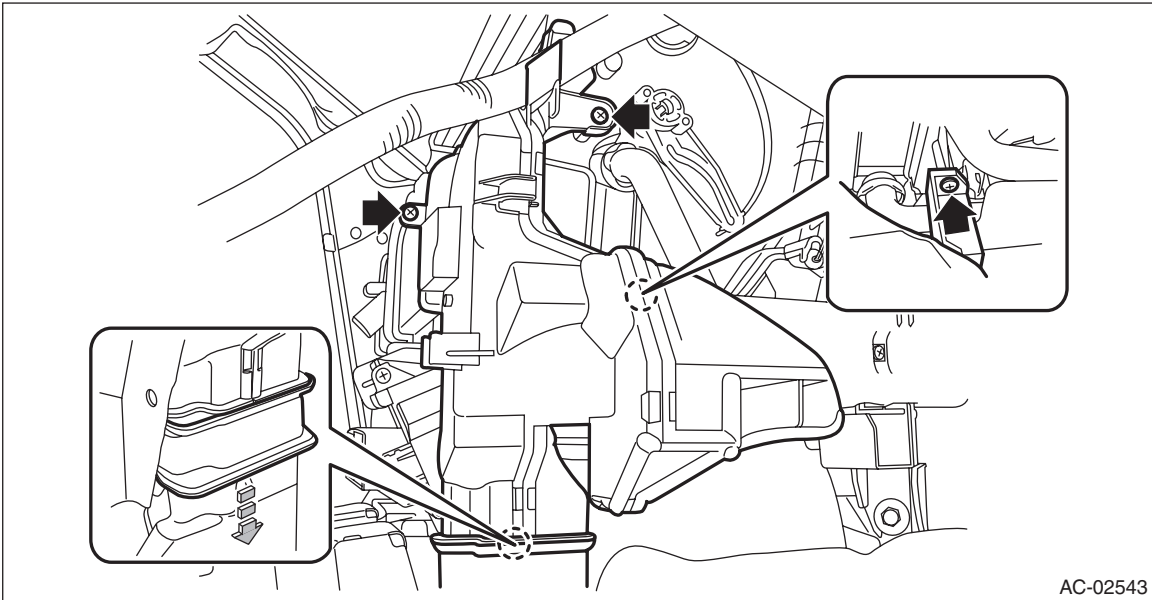


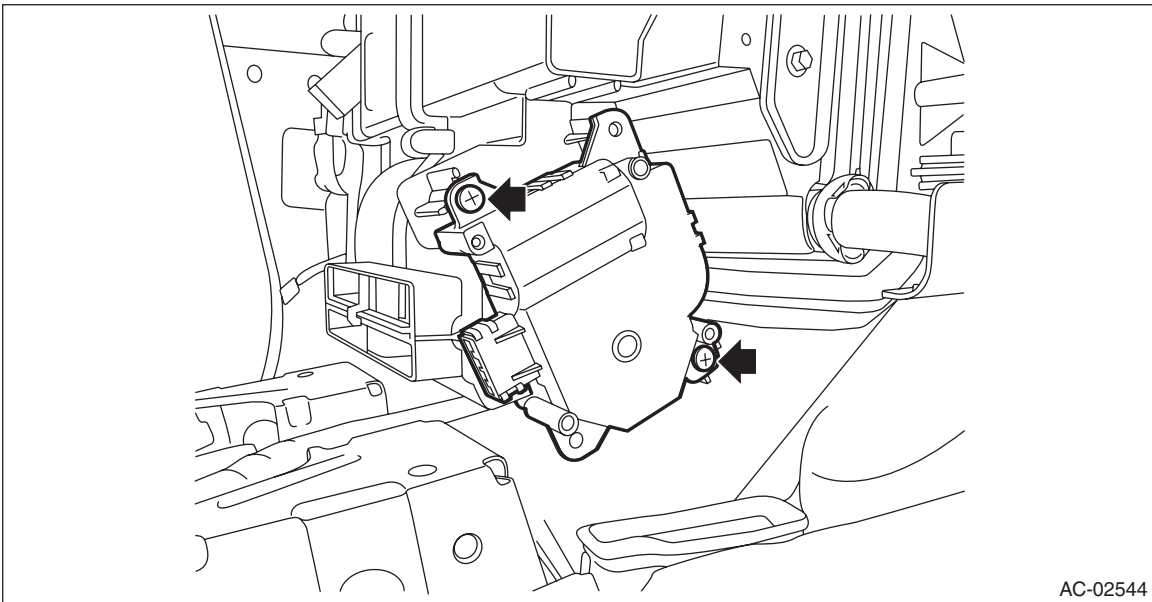
30.Rear Vent Door Actuator

A: REMOVAL

- 1) Remove the instrument panel assembly. <Ref. to EI-73, REMOVAL, Instrument Panel Assembly.>
- 2) Remove the foot duct RH.
 - (1) Turn over the floor carpet and remove the rear heater duct slide lock.
 - (2) Remove the screws and remove the foot duct RH.



- 3) Remove the screws, and remove the rear vent actuator.



Rear Vent Door Actuator

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

B: INSTALLATION

Install each part in the reverse order of removal.

NOTE:

Refer to "INSTALLATION" of "Instrument Panel Assembly". <Ref. to EI-93, INSTALLATION, Instrument Panel Assembly.>

C: INSPECTION

1. ACTUATOR LINK

- 1) Visually check the operating range of the link, and remove the foreign matter if any.
- 2) Operate the temperature control switch, and check that the link operates normally.
- 3) If it does not operate normally, check the rear vent actuator unit.

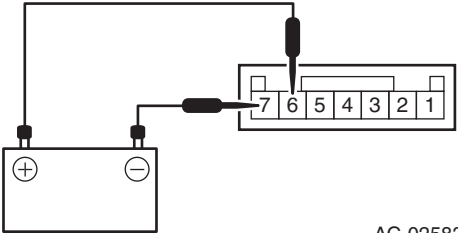
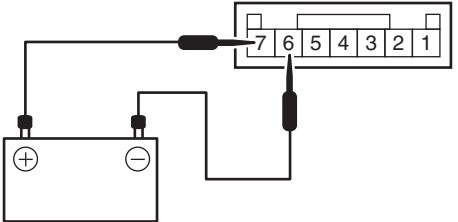
2. CHECK ACTUATOR OPERATION

Preparation tool: Circuit tester

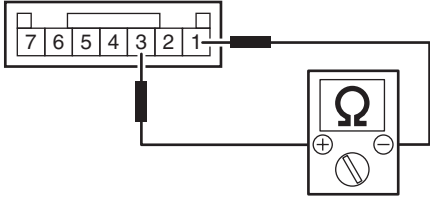
- 1) Check the actuator operation when battery voltage is applied between the terminals of rear vent actuator.

CAUTION:

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

Terminal No.	Inspection conditions	Operating position	Connection diagram
6 (+) — 7 (–)	Connect battery to the terminals	COOL	 AC-02583
7 (+) — 6 (–)		HOT	 AC-02584

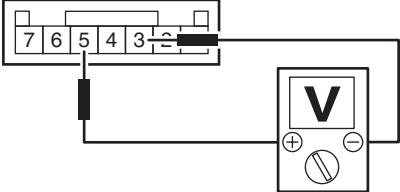
- 2) Check the resistance between terminals of rear vent actuator.

Terminal No.	Inspection conditions	Standard	Connection diagram
1 — 3	Always	4.2 — 7.8 Ω	 AC-02585

Rear Vent Door Actuator

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

3) Connect the rear vent actuator connector, turn the ignition switch to ON and check the voltage between terminals of rear vent actuator.

Terminal No.	Inspection conditions	Standard	Connection diagram
5 (+) — 3 (–)	HOT	Approx. 1.0 V	
	COOL	Approx. 4.0 V	

AC-02587

4) Replace the rear vent actuator if it is found defective.