

Blower Motor Unit Assembly

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

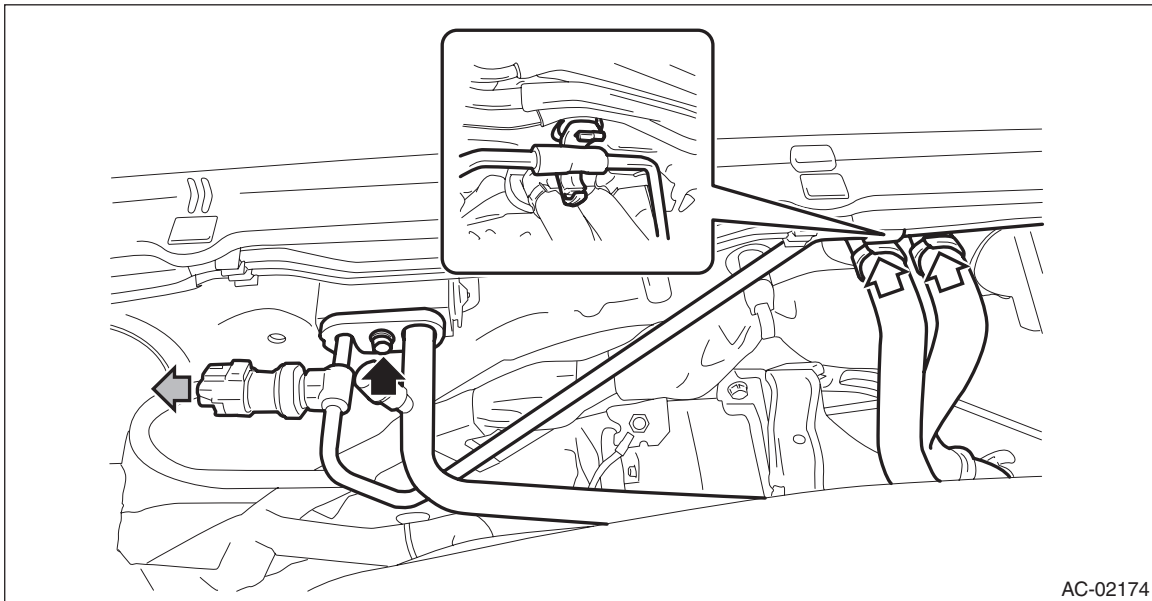
9. Blower Motor Unit Assembly

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Using the refrigerant recovery system, discharge refrigerant. <Ref. to AC-26, PROCEDURE, Refrigerant Recovery Procedure.>
- 3) Drain the coolant from the radiator.
 - H4 model: <Ref. to CO(H4DO)-14, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
 - H6 model: <Ref. to CO(H6DO)-12, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 4) Remove the connector and bolts, and remove the high-pressure hose and AC pipe from the expansion valve.
- 5) Loosen the heater hose clamps and remove the hoses.

NOTE:

Put alignment marks to hoses, clamps, etc. and remove them.



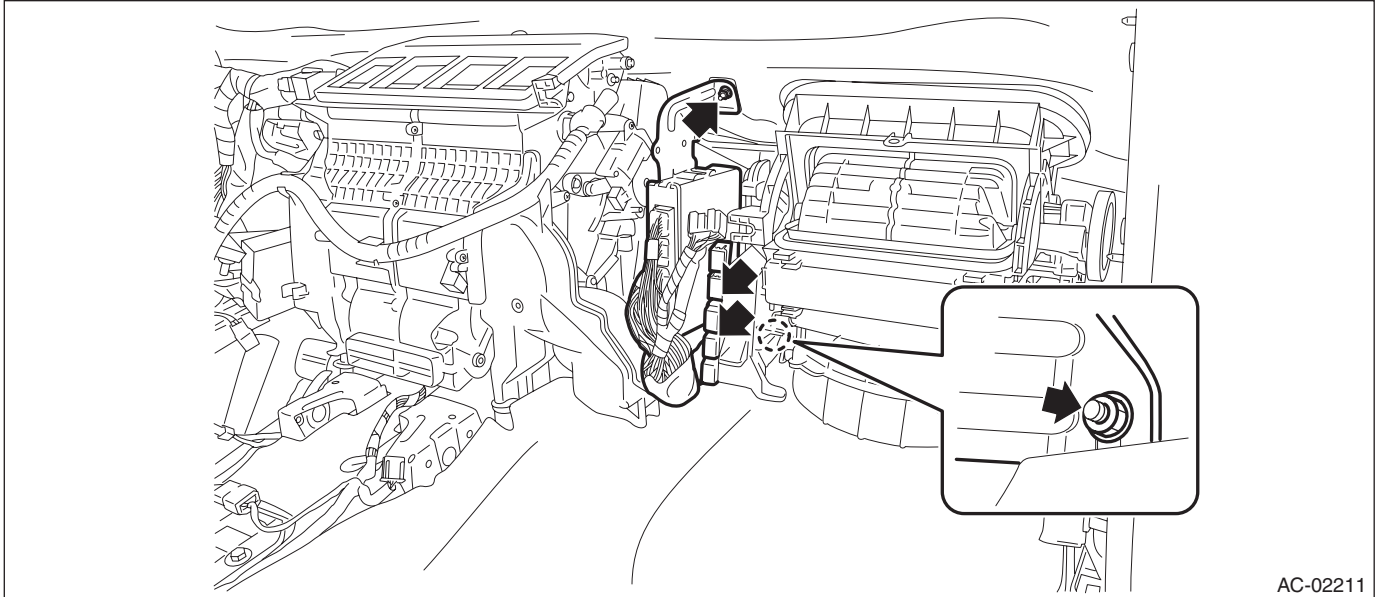
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- 6) Remove the instrument panel assembly. <Ref. to EI-73, REMOVAL, Instrument Panel Assembly.>

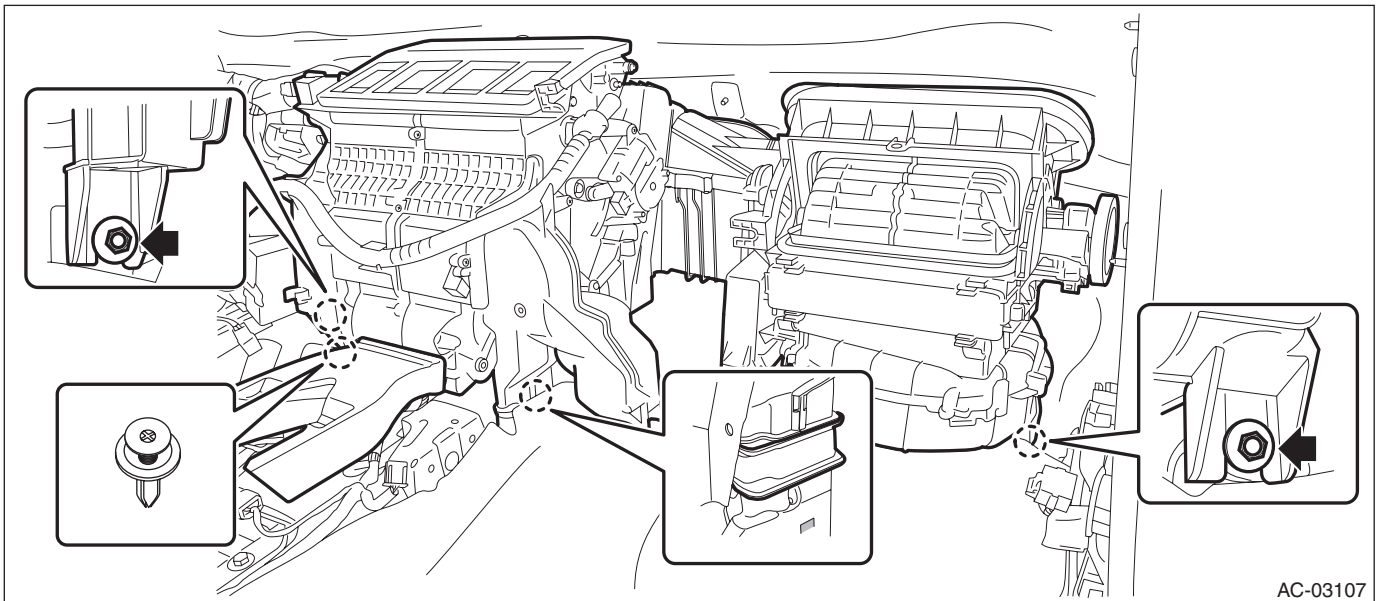
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- 7) Remove the engine control module (ECM).
- (1) Release the lock and remove the relay holder.
 - (2) Remove the nuts, and remove the engine control module (ECM).



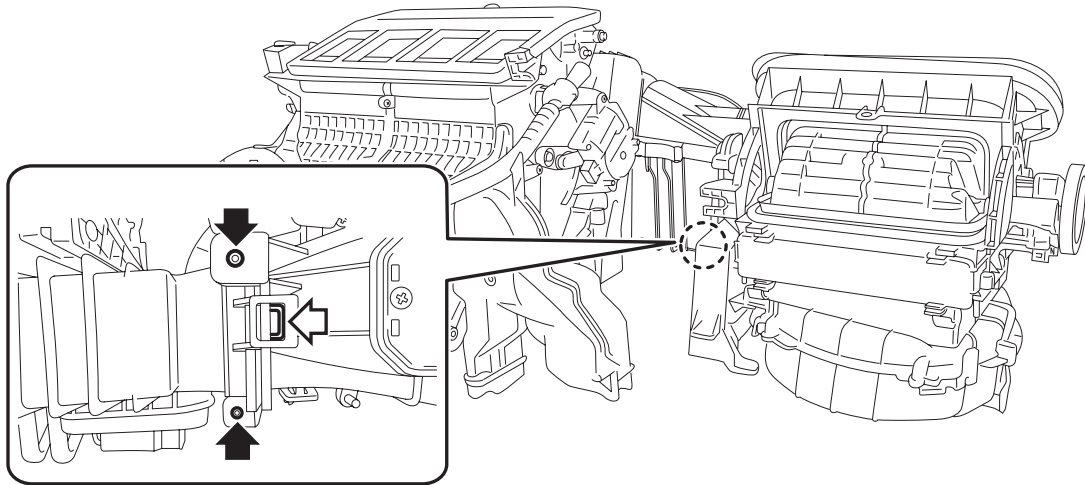
- 8) Remove the heater and cooling unit.
- (1) Remove the clip, and remove the rear center duct.
 - (2) Turn over the floor carpet and remove the rear heater duct slide locks on the left and right.
 - (3) Remove the bolt and remove the heater and cooling unit.



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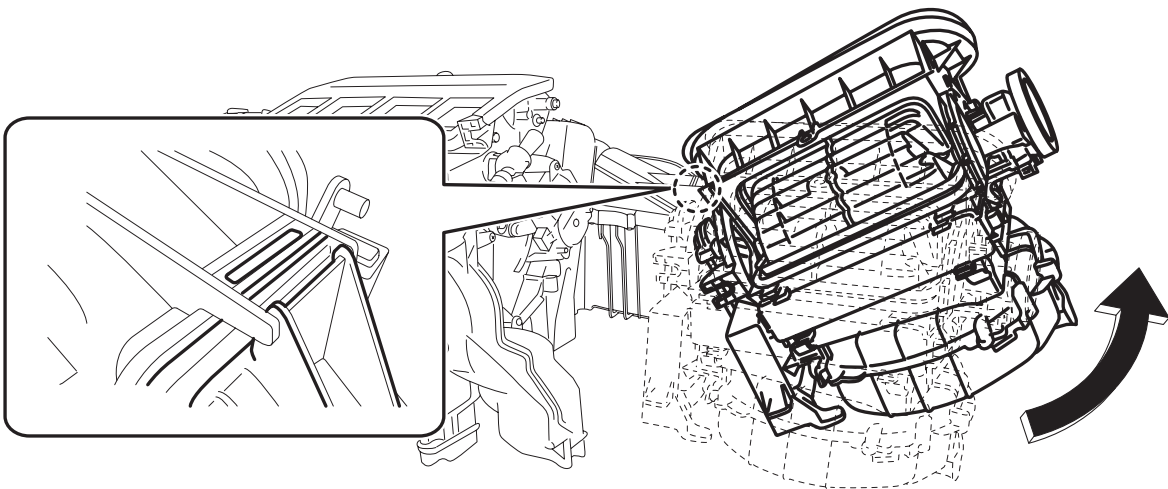
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- 9) Remove the blower motor unit assembly.
(1) Release the claws and remove the bolts.



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- (2) Remove the blower motor unit assembly as shown in the figure.



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B: INSTALLATION

CAUTION:

- After installing the compressor, do not start the engine until the A/C system is charged with refrigerant.
 - If the engine is started with no refrigerant charge, replace the compressor.
 - Replace O-rings and pipe clamps with new parts and install securely.
- 1) 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.>

2) Fill engine coolant.

- H4 model: <Ref. to CO(H4DO)-15, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- H6 model: <Ref. to CO(H6DO)-12, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

3) Charge refrigerant. <Ref. to AC-27, PROCEDURE, Refrigerant Charging Procedure.>

Tightening torque:

Heater cooling unit: <Ref. to AC-6, HEATER COOLING UNIT, COMPONENT, General Description.>

Blower motor unit: <Ref. to AC-8, BLOWER MOTOR UNIT, COMPONENT, General Description.>

Air conditioning unit: <Ref. to AC-10, AIR CONDITIONING UNIT, COMPONENT, General Description.>

Engine control module (ECM): 7.5 N·m (0.76 kgf-m, 5.5 ft-lb)