

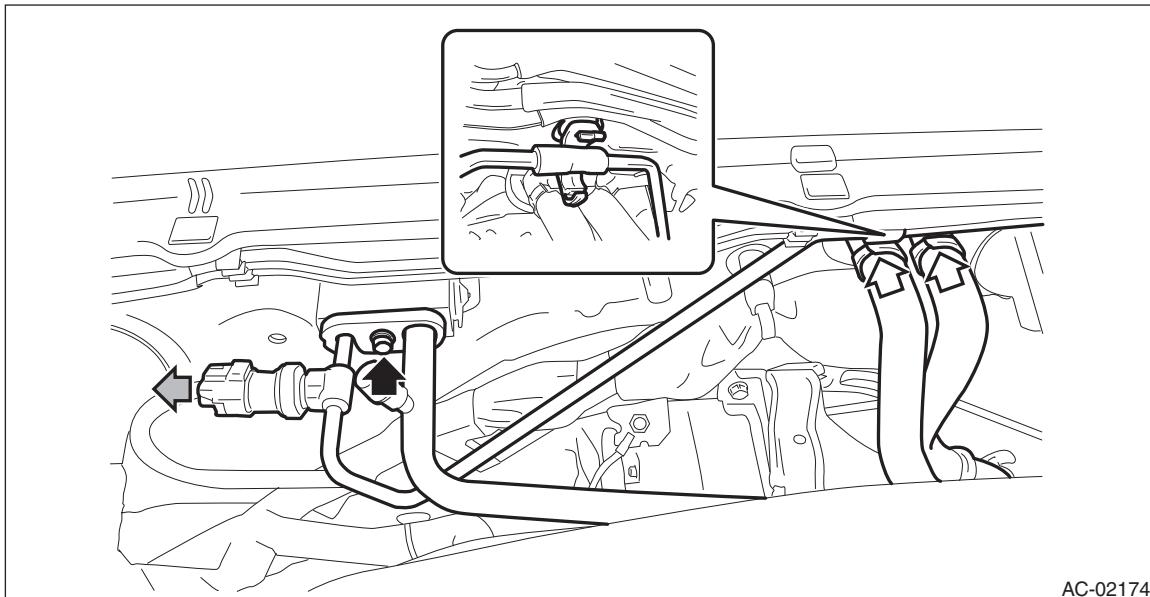
Heater and Cooling Unit

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

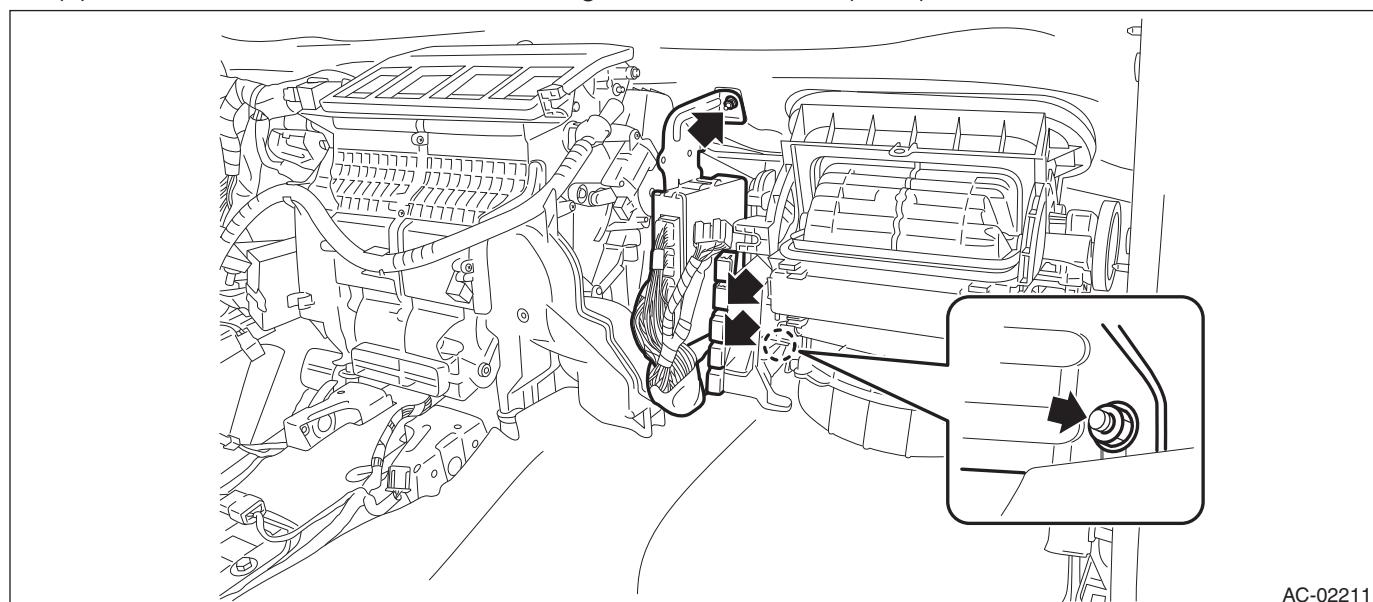
17. Heater and Cooling Unit

A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Using the refrigerant recovery system, drain the refrigerant. <Ref. to AC-18, PROCEDURE, Refrigerant Recovery Procedure.>
- 3) Drain the coolant from the radiator.
 - H4 non-turbo model: <Ref. to CO(H4SO)-14, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
 - H4 turbo model: <Ref. to CO(H4DOTC)-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 expansion valve and AC pipes from the evaporator.
- 5) Loosen the heater hose clamps and remove the hoses.



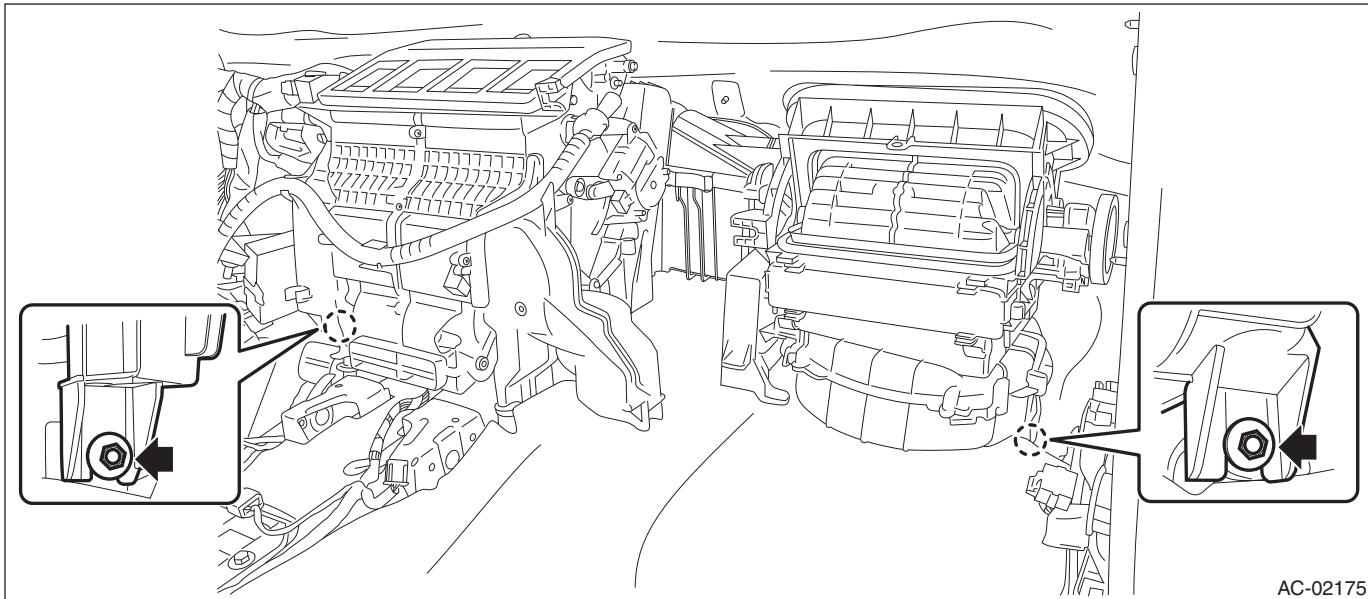
- 6) Remove the instrument panel assembly. <Ref. to EI-75, REMOVAL, Instrument Panel Assembly.>
- 7) Remove the heater and cooling unit.
 - (1) Release the lock and remove the relay holder.
 - (2) Remove the nuts, and remove the engine control module (ECM).



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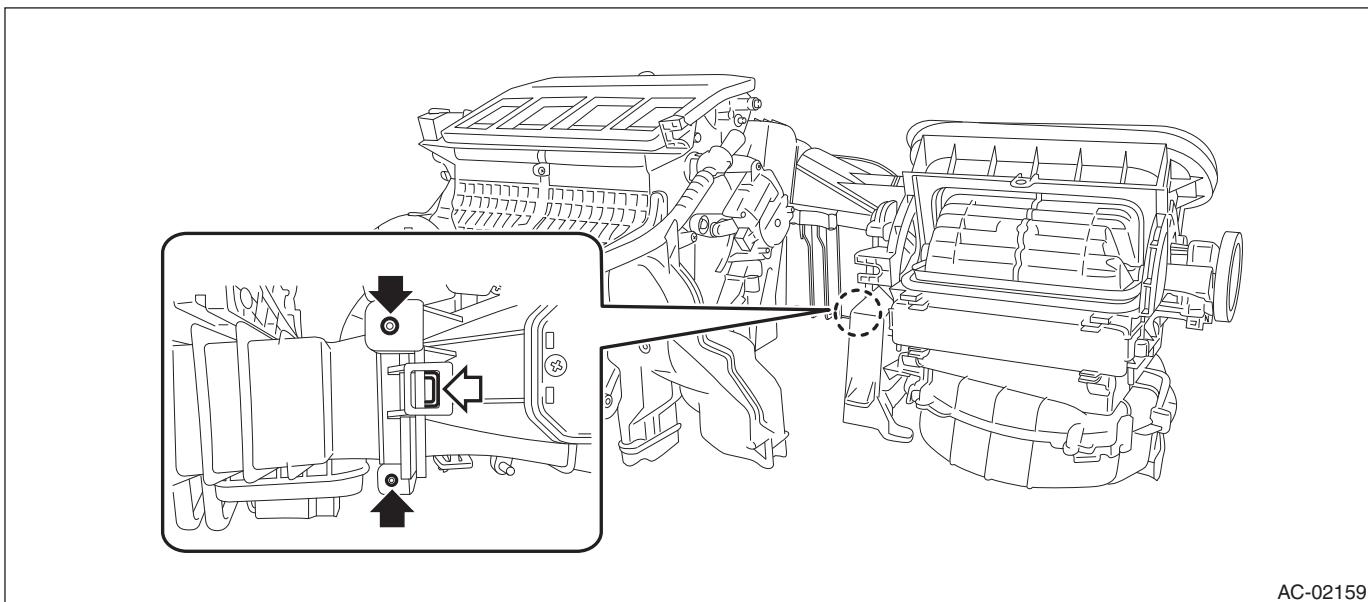
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(3) Remove the bolts and remove the heater and cooling unit.



8) Remove the blower motor unit assembly.

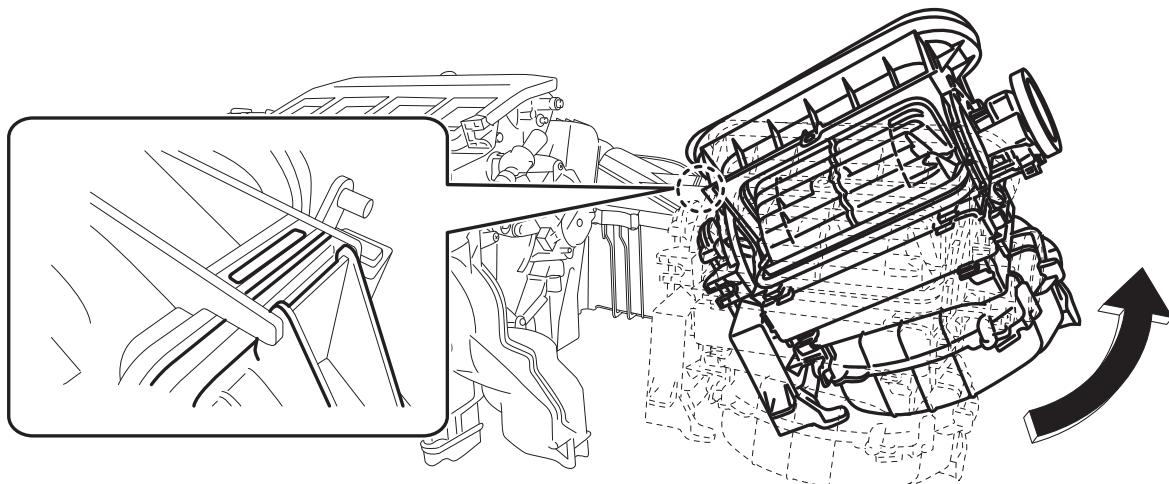
(1) Release the claws and remove the bolts.



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



AC-02160

B: INSTALLATION

CAUTION:

- Do not start the engine before charging refrigerant.
- If the engine is started with no refrigerant charge, replace the compressor.
- If the engine may have been started with no refrigerant charge, check for any diagnosis code (DTC) using Subaru Select Monitor. If the code B1644 (Refrigerant not sealed drive error) is output, replace the compressor.

1) Install each part in the reverse order of removal.

2) Fill engine coolant.

• H4 non-turbo model: <Ref. to CO(H4SO)-14, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>

• H4 turbo model: <Ref. to CO(H4DOTC)-14, 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-19, PROCEDURE, Refrigerant Charging Procedure.>

Tightening torque:

• **Heater cooling unit:** <Ref. to AC-4, HEATER COOLING UNIT, COMPONENT, General Description.>

• **Blower motor unit:** <Ref. to AC-6, BLOWER MOTOR UNIT, COMPONENT, General Description.>