

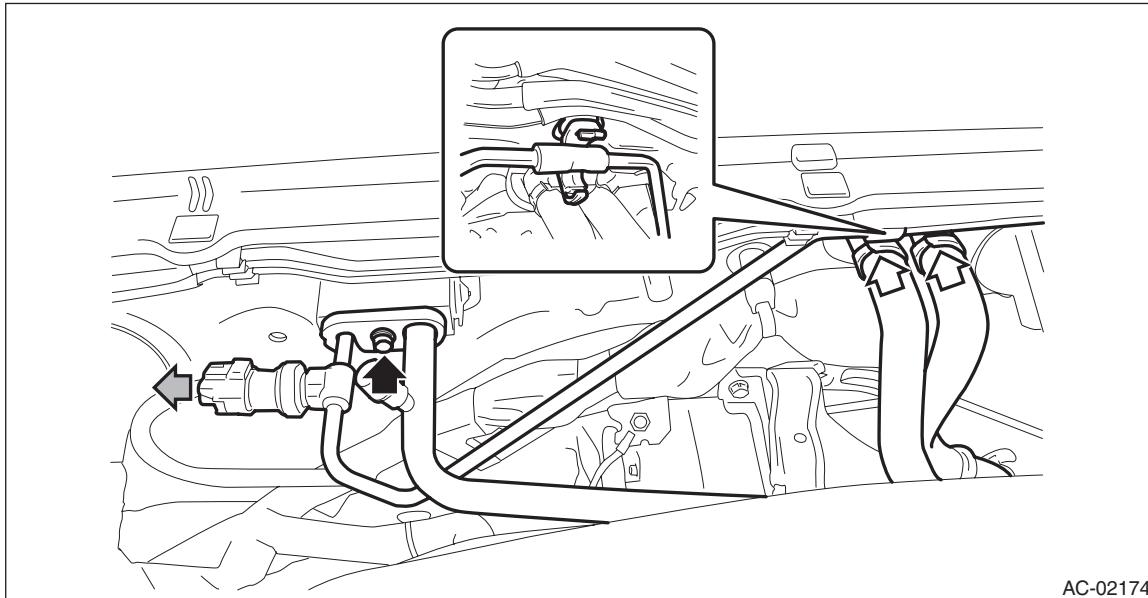
Heater and Cooling Unit

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

18. 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-20, PROCEDURE, Refrigerant Recovery Procedure.>
- 3) Drain the coolant from the radiator.
 - H4 non-turbo model: <Ref. to CO(H4SO)-13, 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.



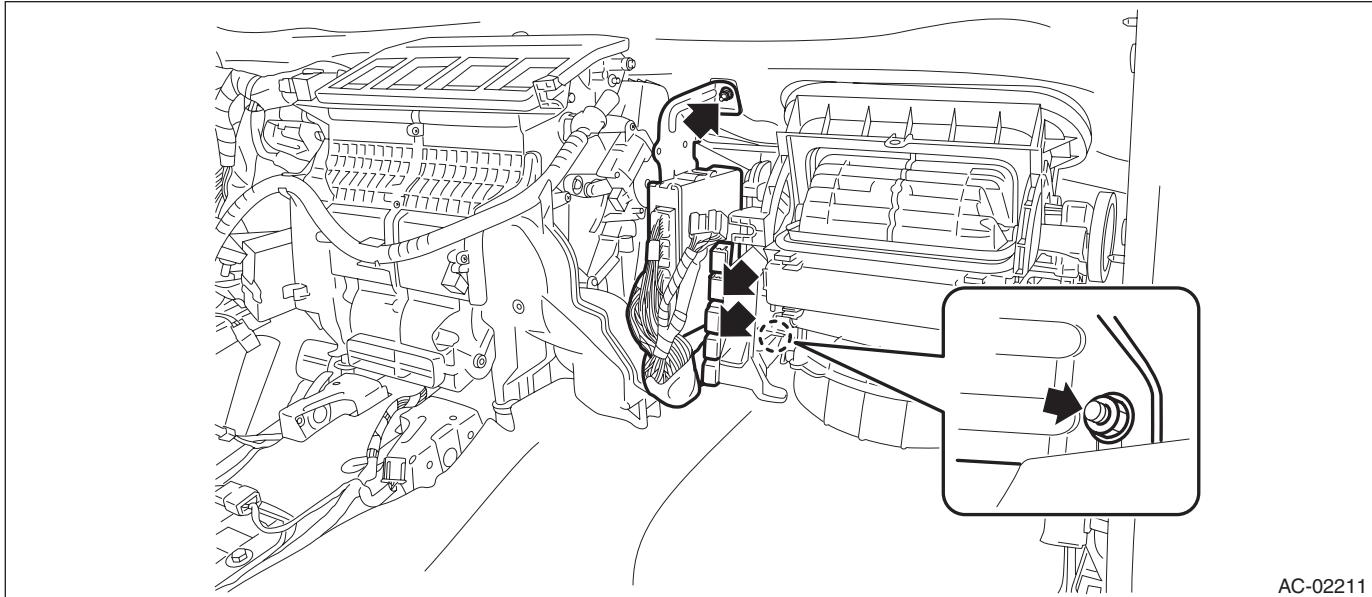
- 6) Remove the instrument panel assembly. <Ref. to EI-75, REMOVAL, Instrument Panel Assembly.>

Heater and Cooling Unit

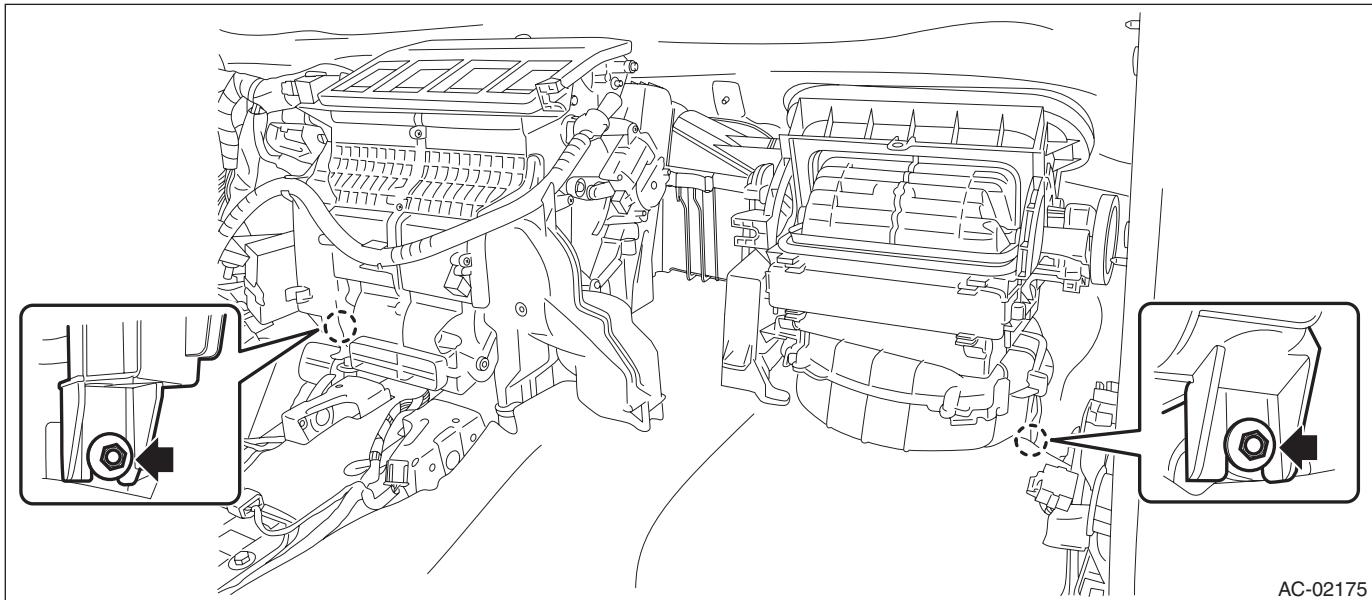
HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

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).



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

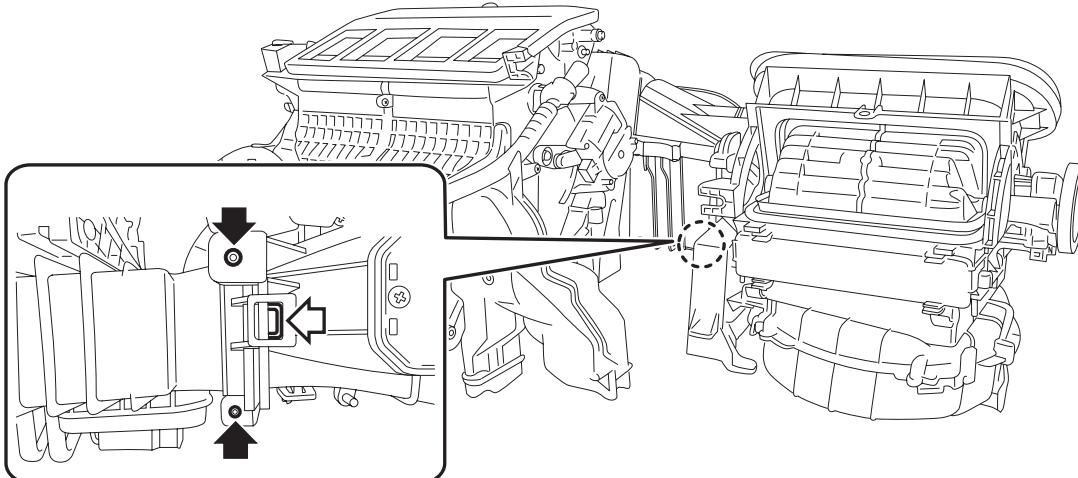


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HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

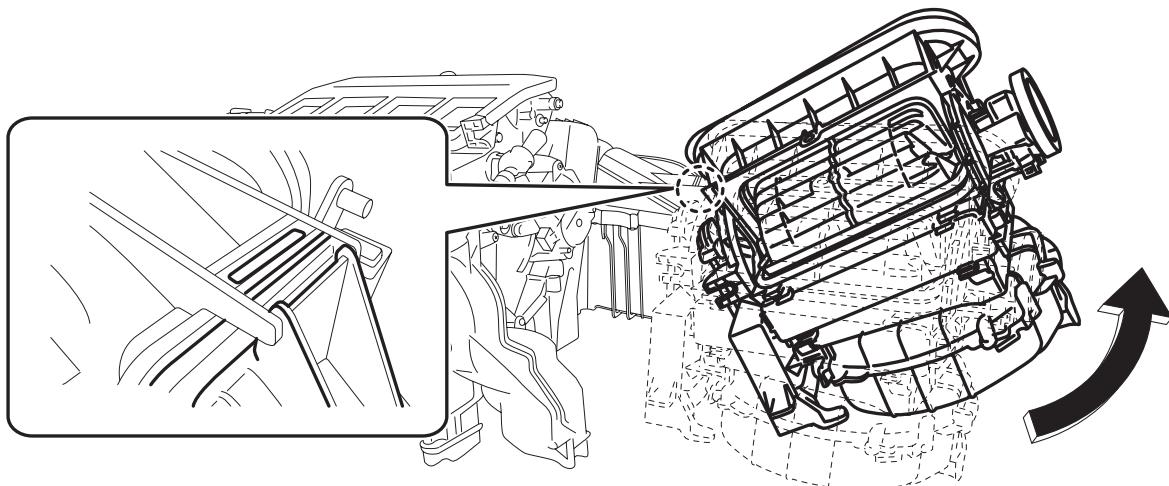
8) Remove the blower motor unit assembly.

(1) Release the claws and remove the bolts.



AC-02159

(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.**

- 1) Install each part in the reverse order of removal.
- 2) Fill engine coolant.
- H4 non-turbo model: <Ref. to CO(H4SO)-13, 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-21, PROCEDURE, Refrigerant Charging Procedure.>

Tightening torque:

Heater cooling unit: <Ref. to AC-5, HEATER COOLING UNIT, COMPONENT, General Description.>

Blower motor unit: <Ref. to AC-7, BLOWER MOTOR UNIT, COMPONENT, General Description.>