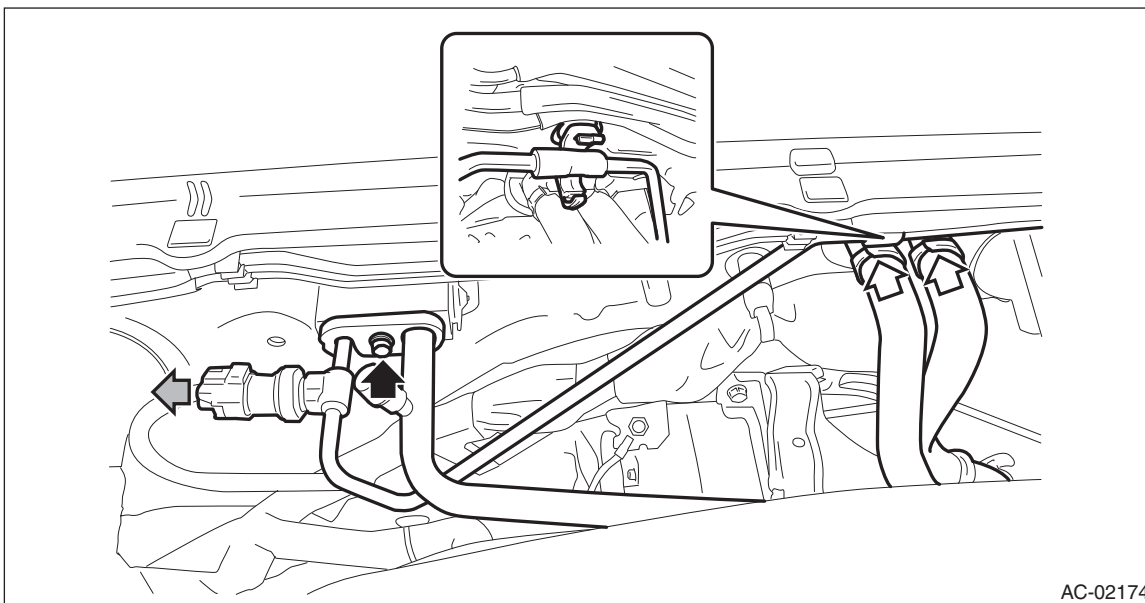


## 12.Heater Core

### 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.



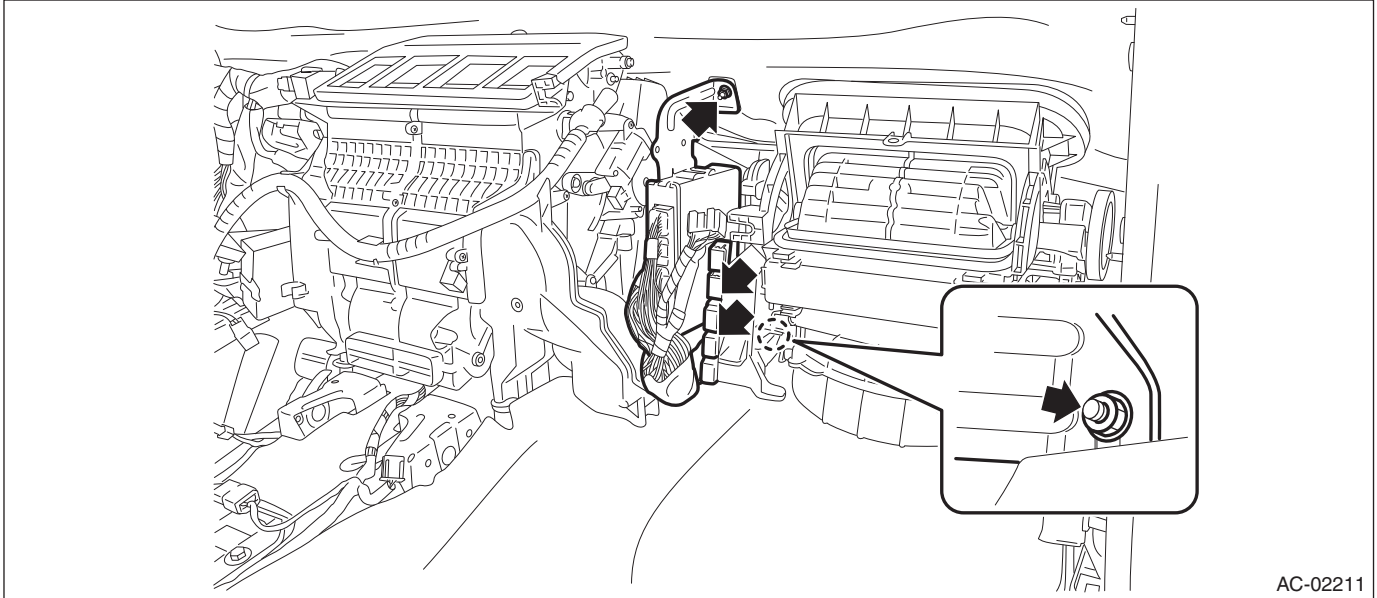
AC-02174

- 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.

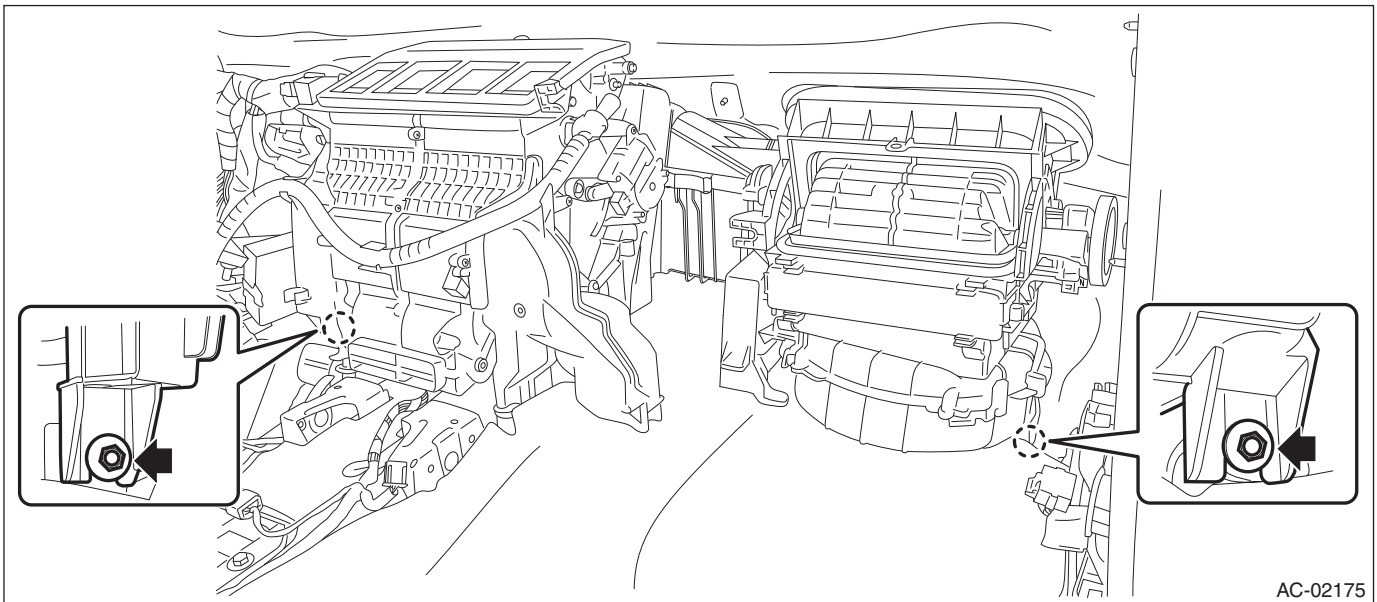
## Heater Core

### HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

(2) Remove the nuts, and remove the engine control module (ECM).



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

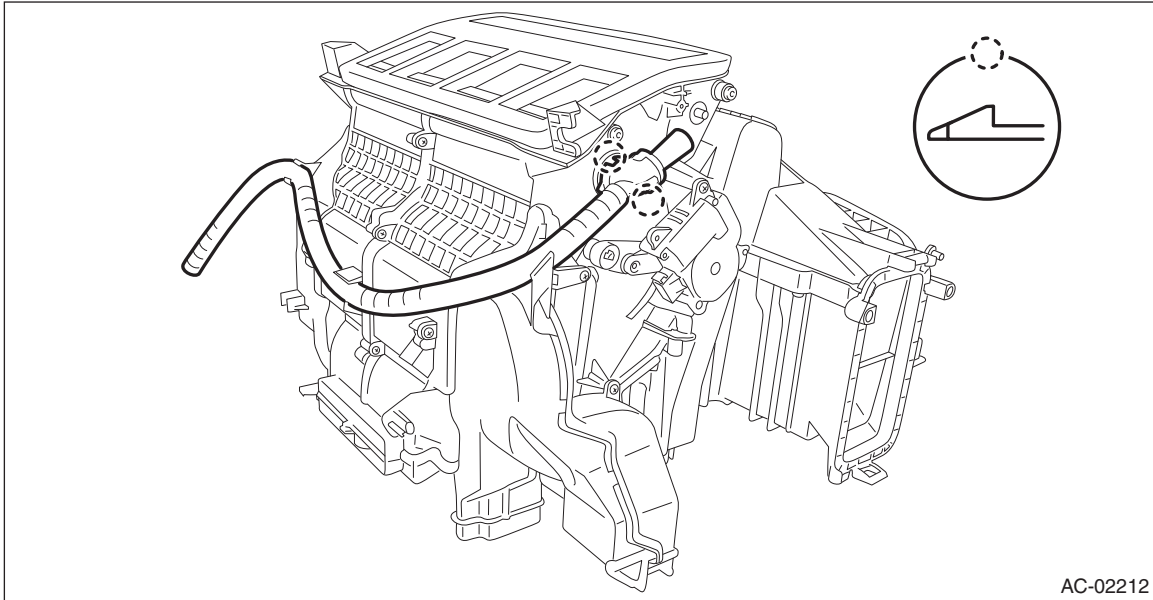


## Heater Core

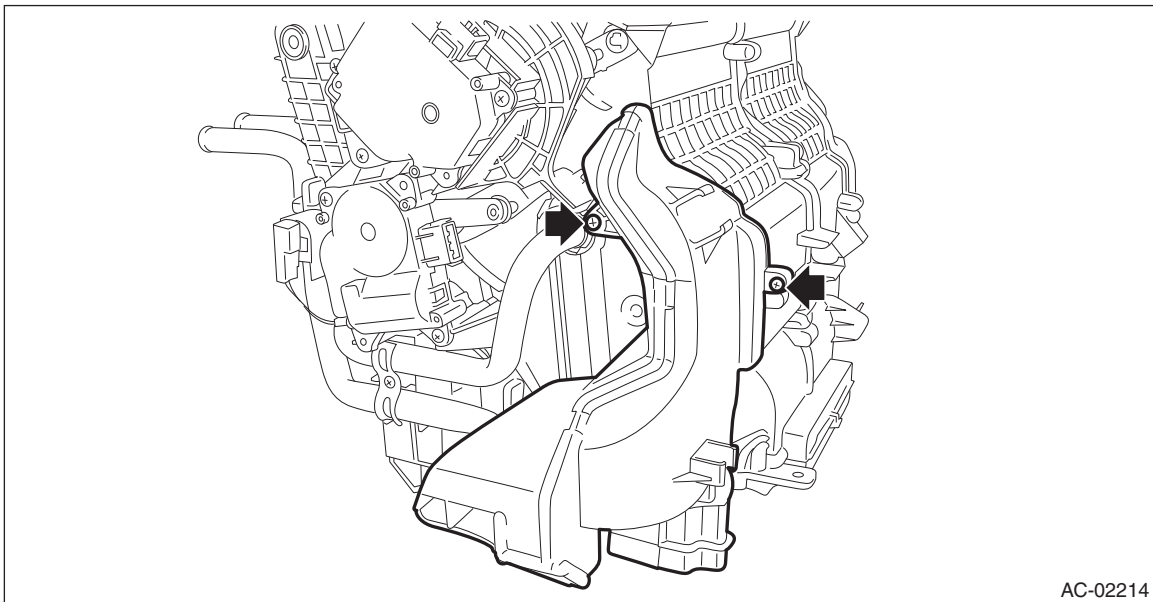
### HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

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8) Disconnect the claws and then remove the aspirator hose.



9) Remove the screws and remove the foot duct (LH).

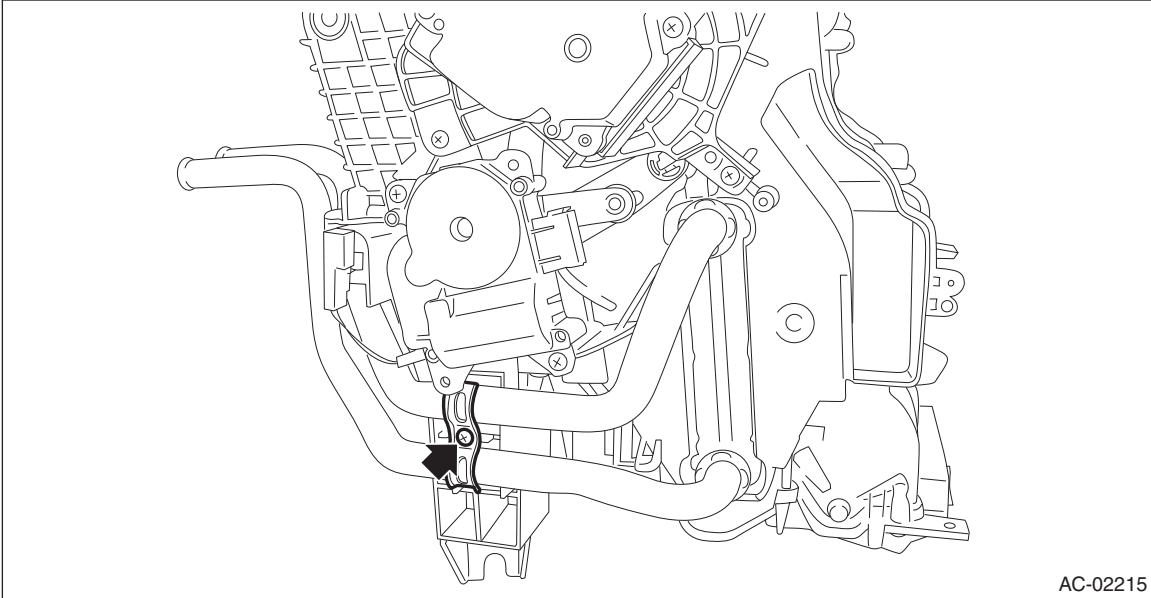


10) Remove the heater core.

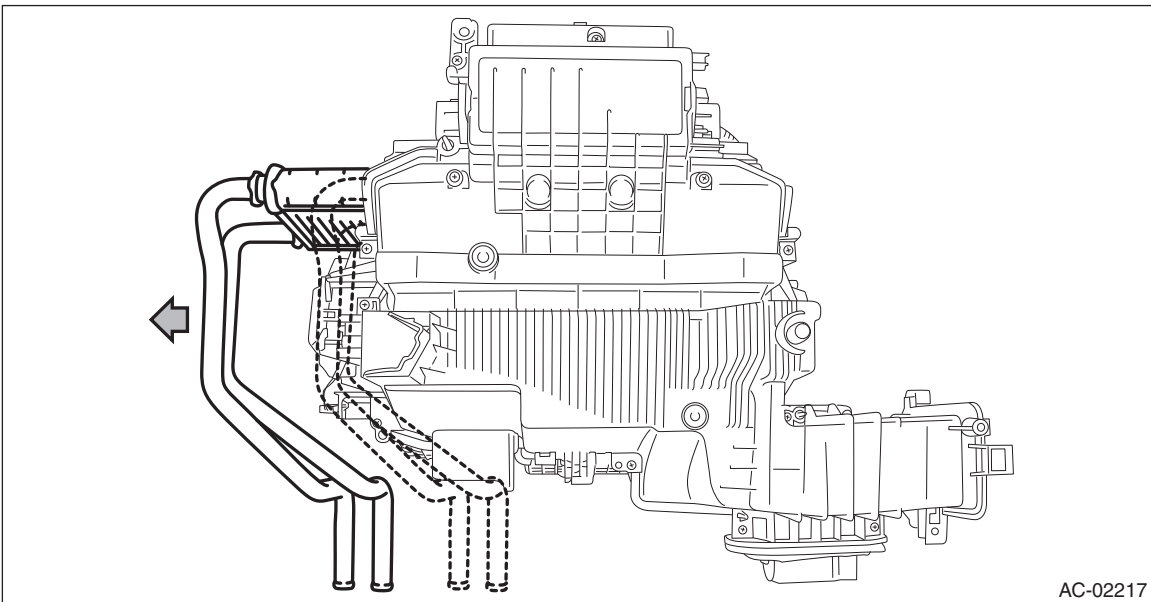
## Heater Core

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

- (1) Remove the screw and remove the heater pipe clamp.



- (2) Pull out the heater core from the heater and cooling unit assembly.



## Heater Core

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

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### 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.
- Replace the O-rings and pipe clamps with new parts, and attach securely.
  - 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.>