

Heater and Cooling Unit

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

17.Heater and Cooling Unit

A: REMOVAL

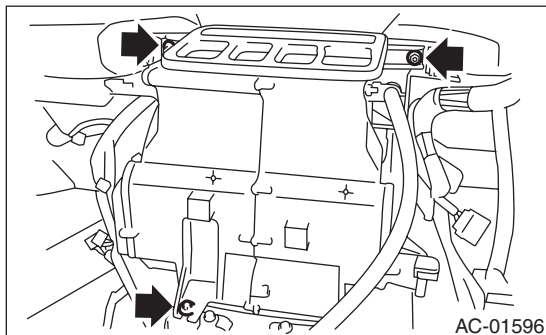
- 1) Disconnect the ground cable from battery.
- 2) Using the refrigerant recovery system, discharge refrigerant. <Ref. to AC-19, PROCEDURE, Refrigerant Recovery Procedure.>
- 3) Drain coolant from the radiator.
 - Except for STI model: <Ref. to CO(w/o STI)-13, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
 - STI model: <Ref. to CO(STI)-13, DRAINING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 4) Remove the bolts securing expansion valve and pipe in engine compartment. Release the heater hose clamps in engine compartment to remove the hoses.

CAUTION:

Seal the disconnected hose, pipe and engaging part of expansion valve with a plug or vinyl tape to prevent foreign matter from entering.



- 5) Remove the instrument panel. <Ref. to EI-55, REMOVAL, Instrument Panel Assembly.>
- 6) Remove the blower motor unit assembly. <Ref. to AC-25, REMOVAL, Blower Motor Unit Assembly.>
- 7) Disconnect the harness connectors of the actuator, thermo sensor and power transistor or blower resistor.
- 8) Remove the bolt and nuts and remove the heater and cooling unit.



B: INSTALLATION

- 1) Install each part in the reverse order of removal.
- 2) Fill engine coolant.
 - Other than STI model: <Ref. to CO(w/o STI)-13, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
 - STI model: <Ref. to CO(STI)-13, FILLING OF ENGINE COOLANT, REPLACEMENT, Engine Coolant.>
- 3) Charge refrigerant. <Ref. to AC-20, PROCEDURE, Refrigerant Charging Procedure.>

Tightening torque:

Refer to “**COMPONENT**” of “**General Description**”.

- **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.**>