

## 19.Expansion Valve

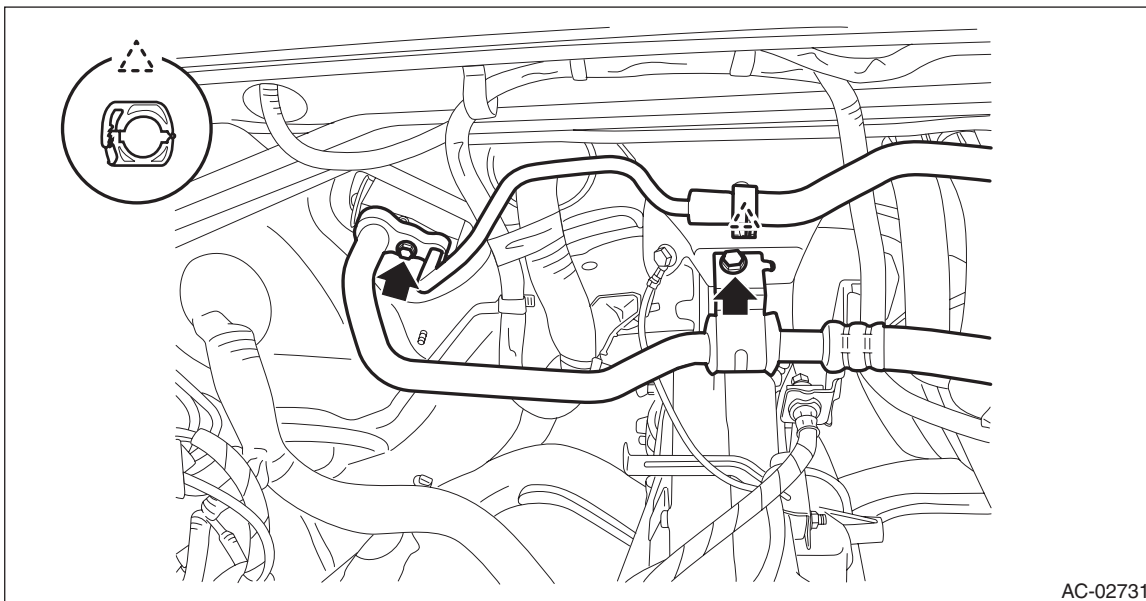
### A: REMOVAL

- 1) Disconnect the ground cable from battery.
- 2) Using the refrigerant recovery system, discharge refrigerant. <Ref. to AC-26, PROCEDURE, Refrigerant Recovery Procedure.>
- 3) Remove the intake boot. <Ref. to IN(H4DO)-12, REMOVAL, Air Intake Boot.>

#### CAUTION:

**Move aside the intake boot to perform the operation without disconnecting the PCV hose.**

- 4) Remove the expansion valve - cooling.
  - (1) Remove the bolt, and detach the hose - pressure suction and the pipe - evaporator cooling.

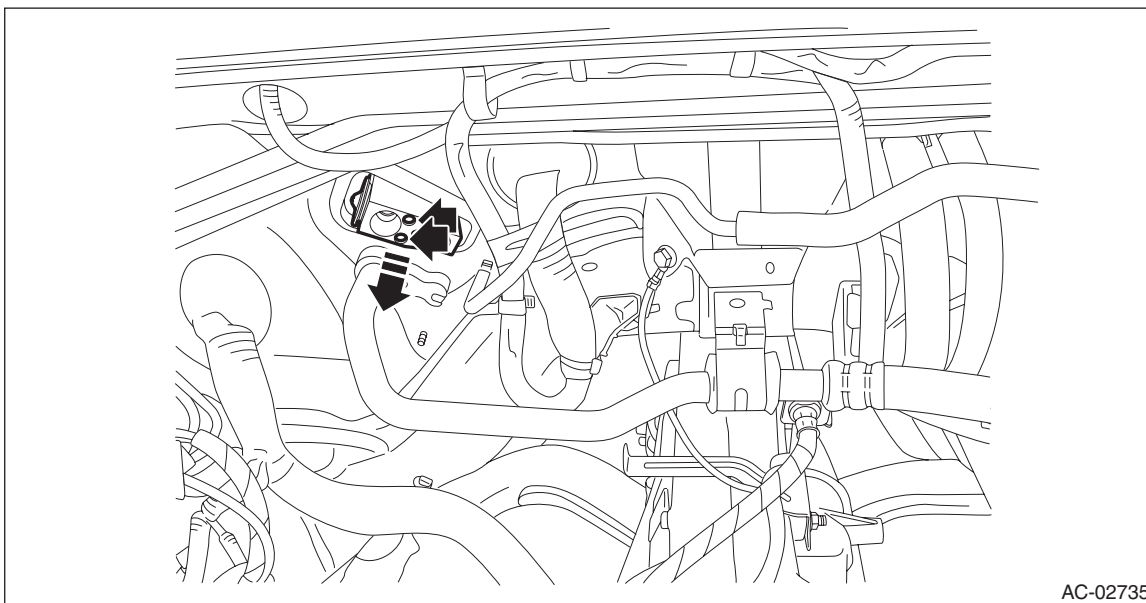


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- (2) Remove the bolt, and remove the expansion valve - cooling.

#### PREPARATION TOOL:

**Hexagon wrench: 4 mm (0.16 in)**



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## Expansion Valve

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

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### B: INSTALLATION

#### CAUTION:

**Replace the O-rings with new parts, and then apply compressor oil.**

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

#### *Tightening torque:*

*Refer to “COMPONENT” of “General Description”. <Ref. to AC-12, AIR CONDITIONING UNIT, COMPONENT, General Description.>*

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