

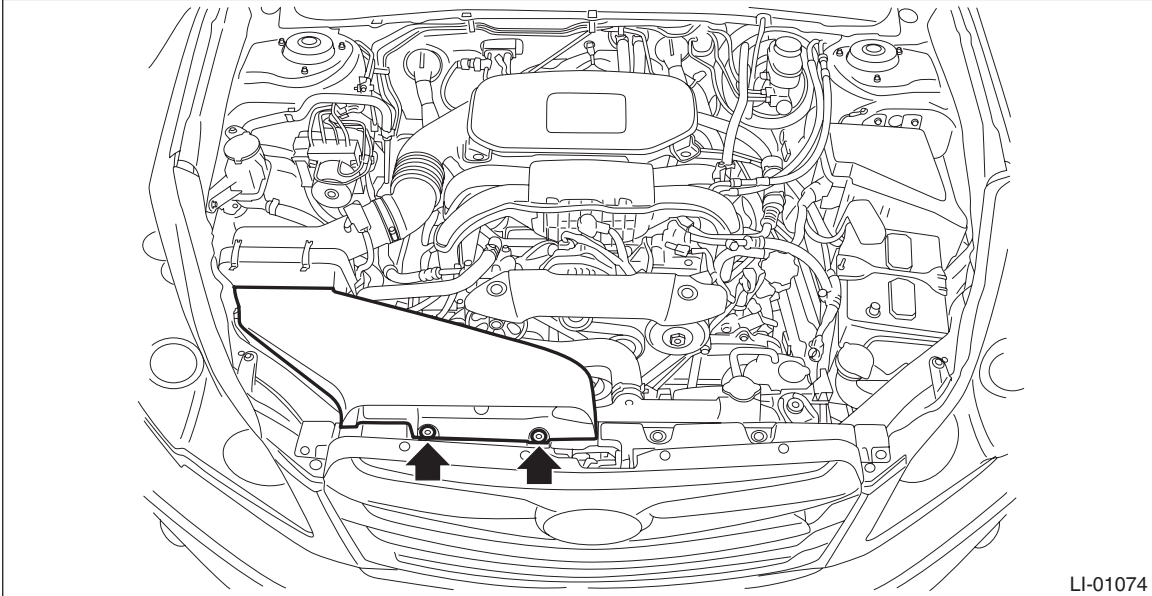
Condenser

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

17. Condenser

A: REMOVAL

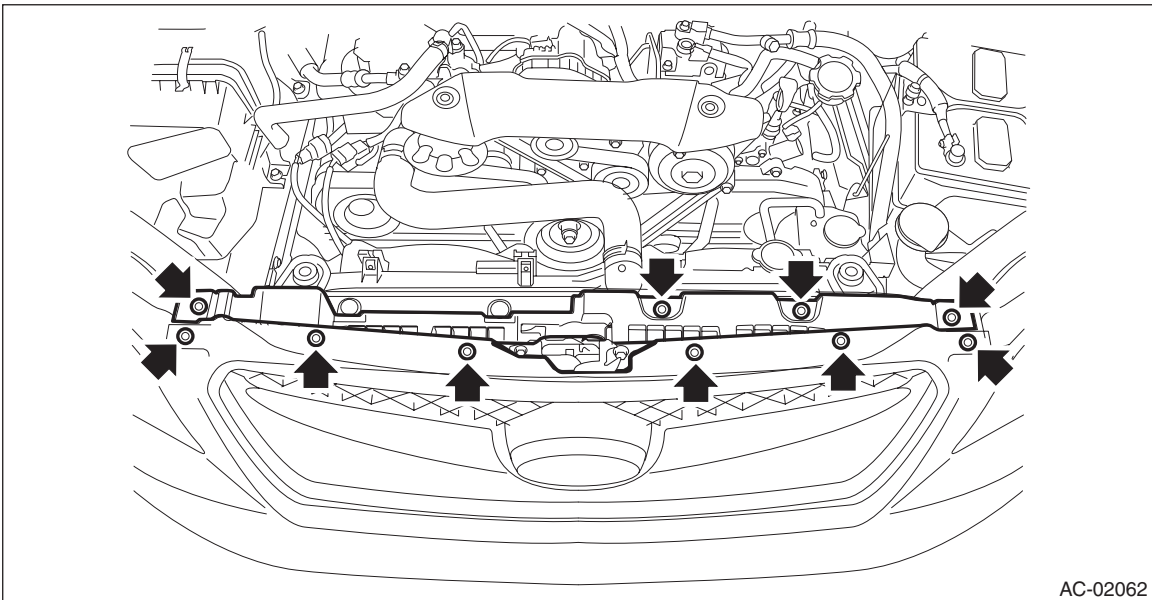
- 1) Using the refrigerant recovery system, drain the refrigerant. <Ref. to AC-20, PROCEDURE, Refrigerant Recovery Procedure.>
- 2) Remove the clips and remove the air intake duct.



- 3) Remove the clips and remove the grille bracket.

NOTE:

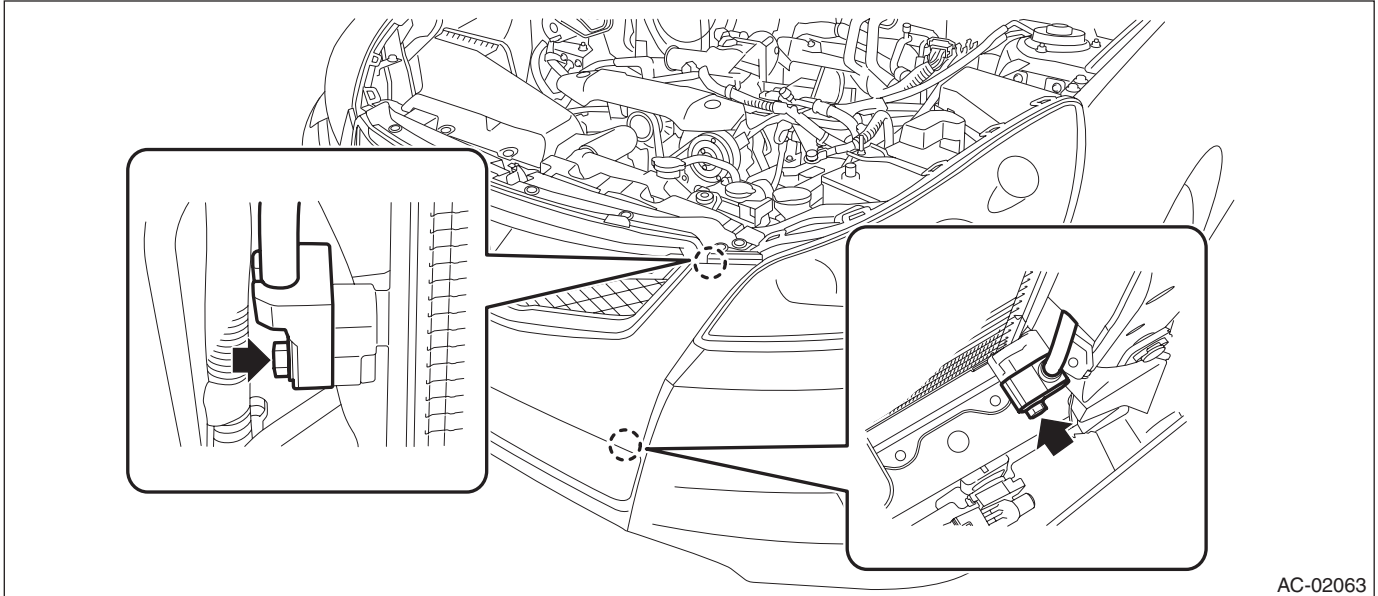
To prevent damage to the grille bracket, make sure to remove all clips.



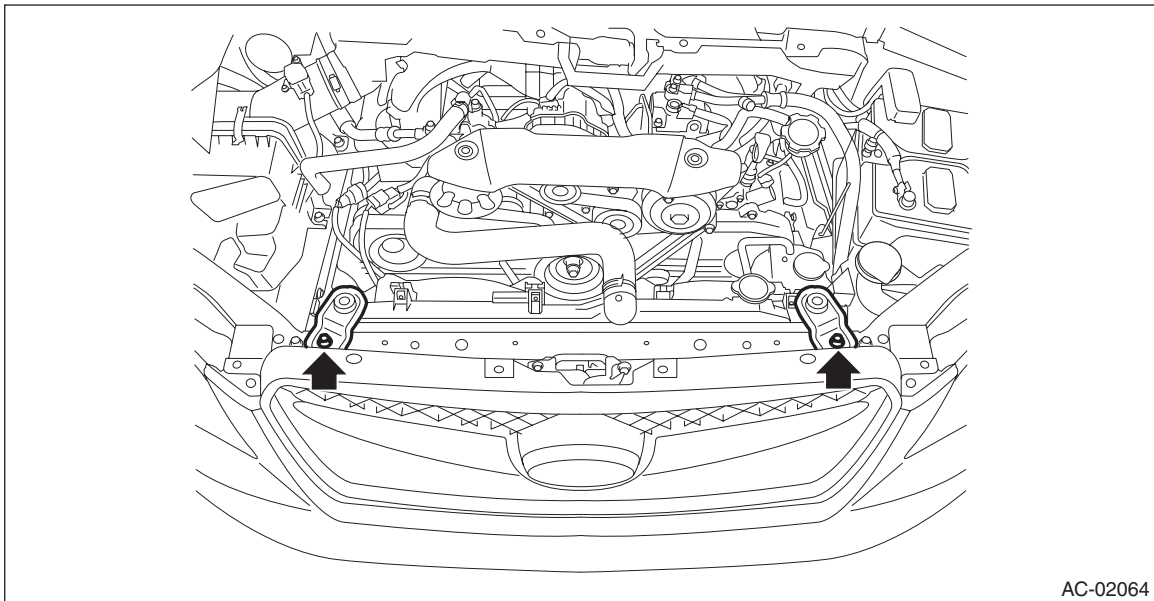
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- 4) Remove the bolts and disconnect the high pressure hose and A/C pipe from the condenser.



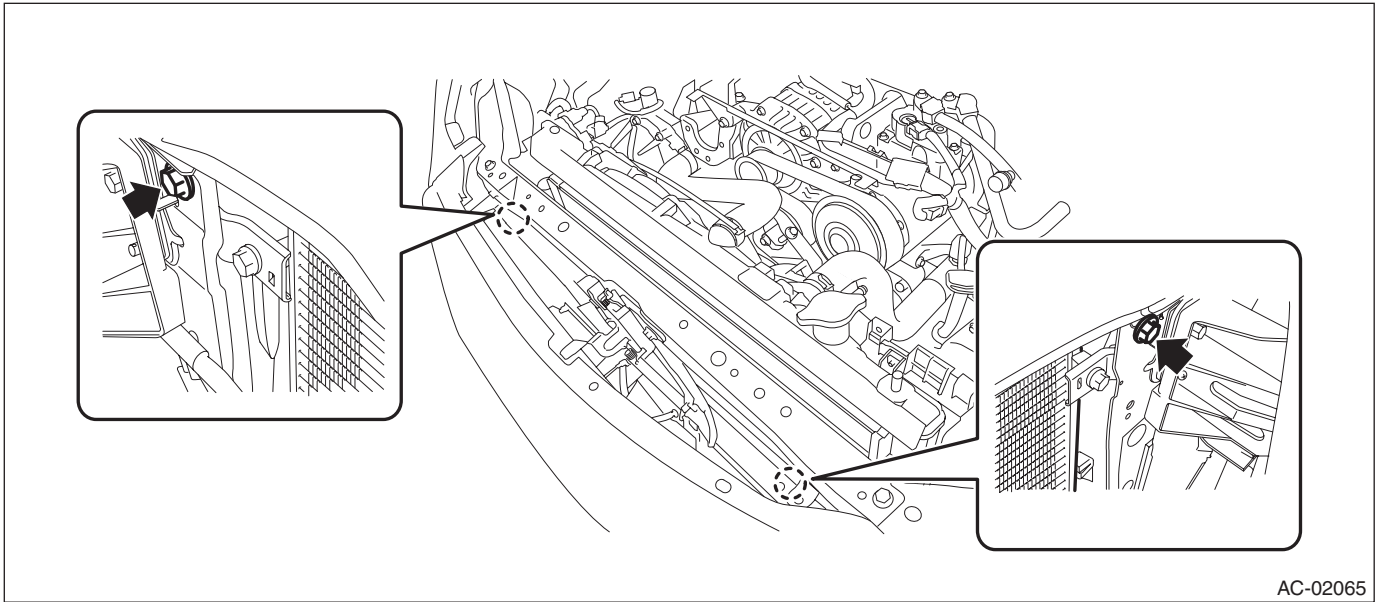
- 5) Remove the bolts and remove the radiator upper bracket.



Condenser

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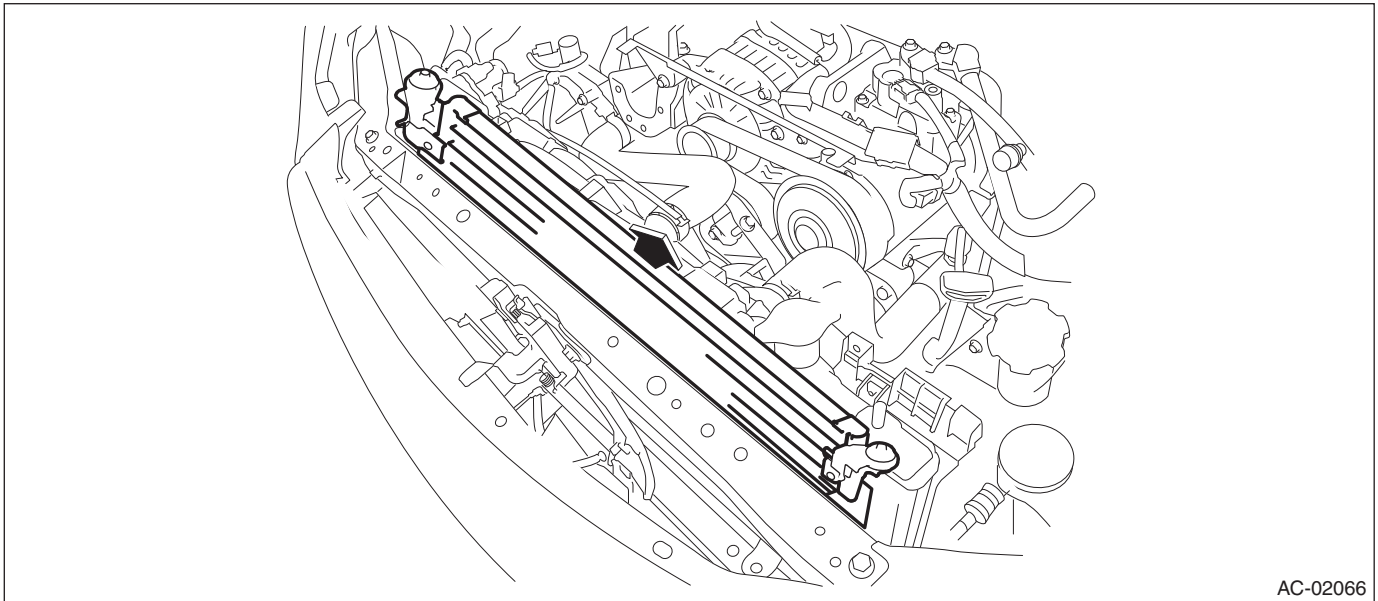
- 6) Remove the condenser.
(1) Remove the bolt.



- (2) By lifting the condenser, pull it out through the space between the radiator and the radiator panel.

CAUTION:

Be careful not to damage the condenser fins. If a damaged fin is found, repair it using a thin screw-driver.



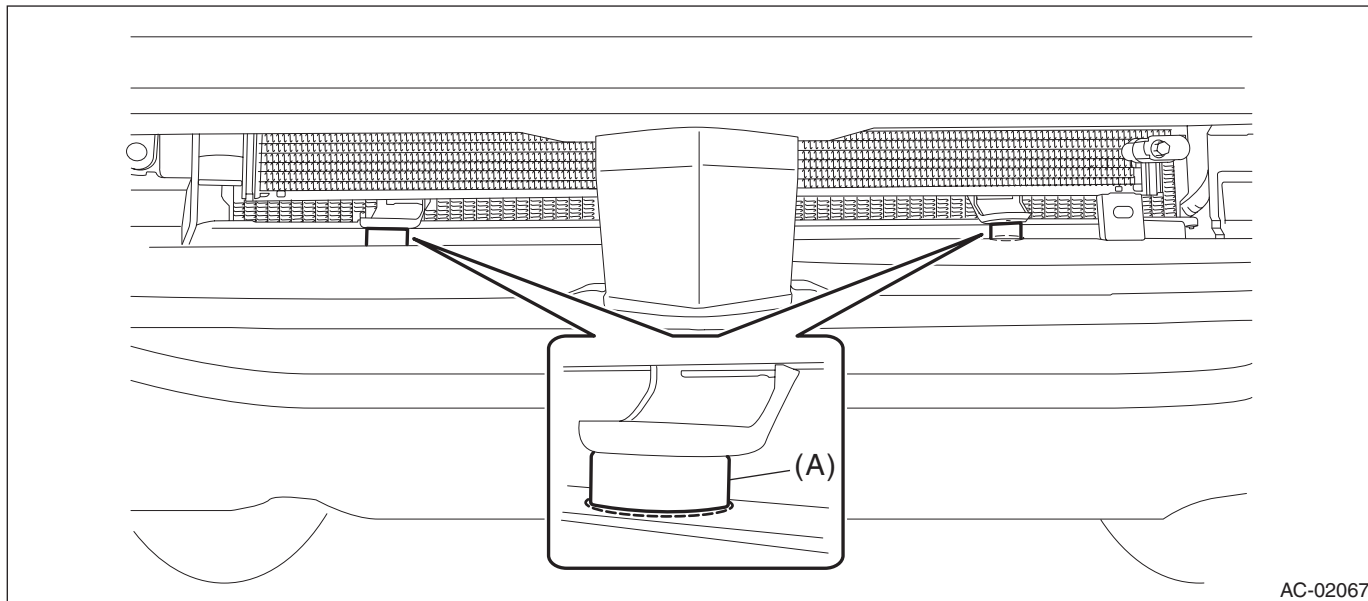
Condenser

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

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 condenser has been replaced, add an appropriate amount of compressor oil to the compressor. <Ref. to AC-26, REPLACEMENT, Compressor Oil.>
- Replace the O-rings on pipes with new parts, and then apply compressor oil.
- Confirm that lower guide (A) of condenser fits into holes on radiator panel.



AC-02067

- 1) Install each part in the reverse order of removal.
- 2) Charge refrigerant. <Ref. to AC-21, PROCEDURE, Refrigerant Charging Procedure.>

Tightening torque:

Air conditioning unit: <Ref. to AC-9, AIR CONDITIONING UNIT, COMPONENT, General Description.>

Radiator bracket: <Ref. to CO(H4DOTC)-4, RADIATOR AND RADIATOR FAN, COMPONENT, General Description.>

C: INSPECTION

- 1) Check to see that the condenser fins are not clogged with debris or insects. Blow with compressed air or flush fins with water as needed.
- 2) If any oil leak is found from the condenser, replace the condenser.