

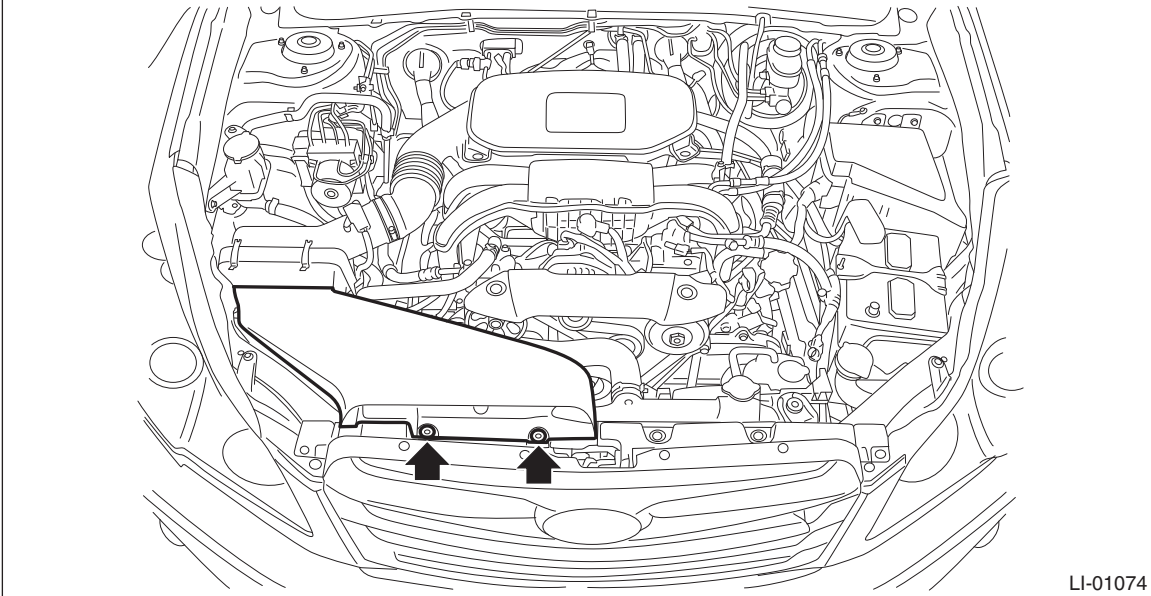
Condenser

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

16. Condenser

A: REMOVAL

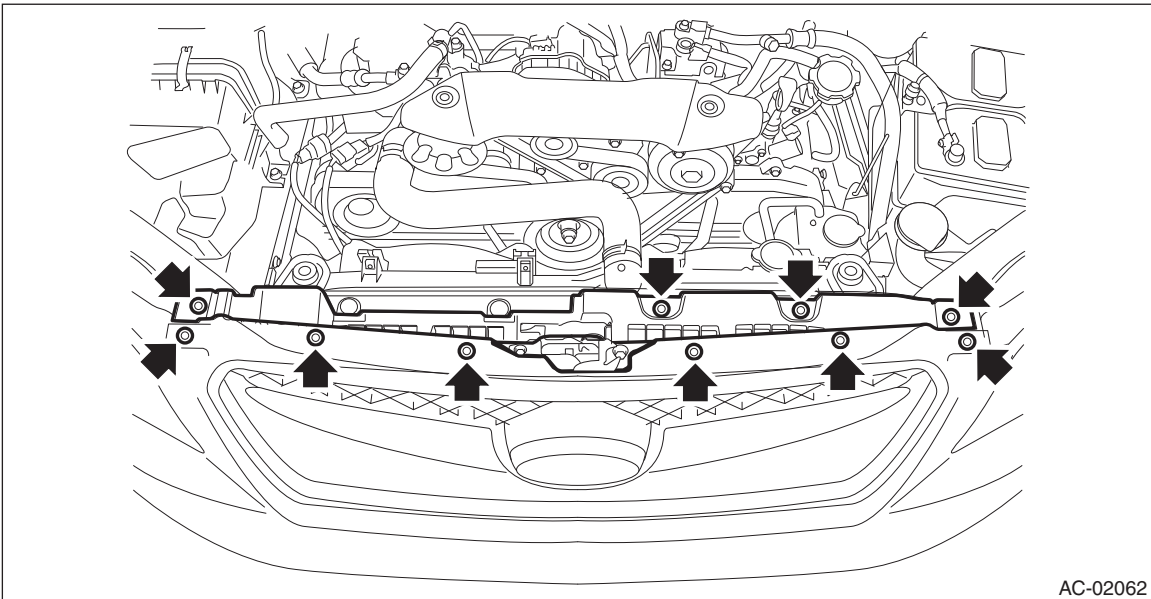
- 1) Using the refrigerant recovery system, drain the refrigerant. <Ref. to AC-18, PROCEDURE, Refrigerant Recovery Procedure.>
- 2) Remove the clips and remove the air intake duct.



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

NOTE:

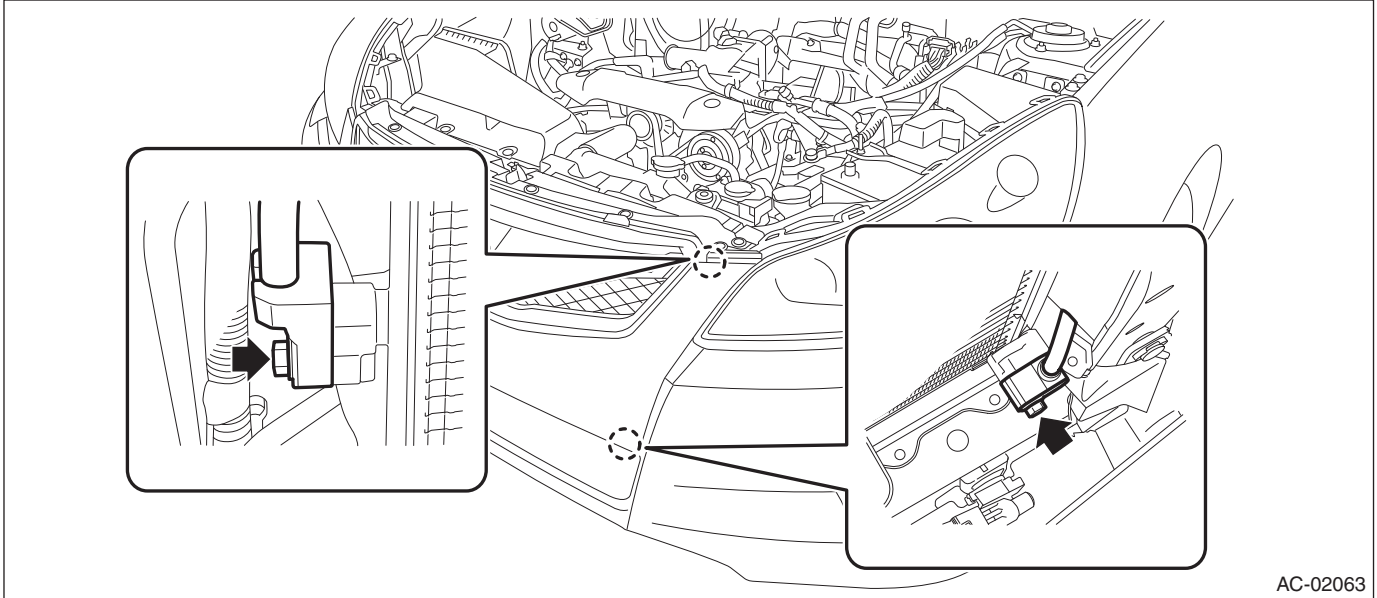
To prevent damage to the grille bracket, make sure to remove all clips.



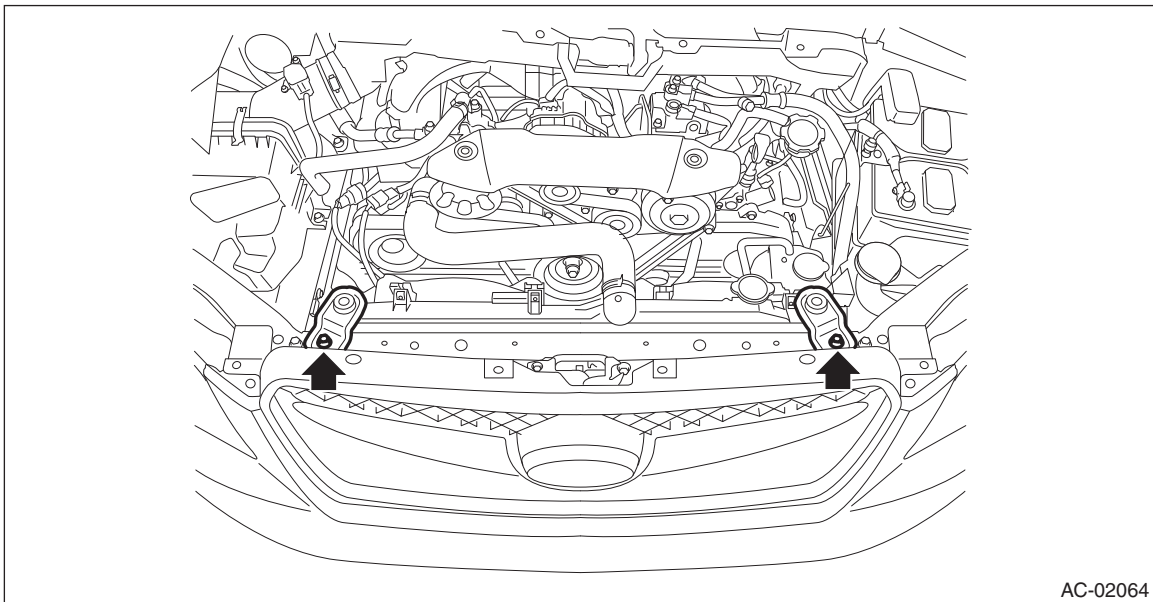
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- 4) Remove the bolts and disconnect the high pressure hose and A/C pipe from the condenser.



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

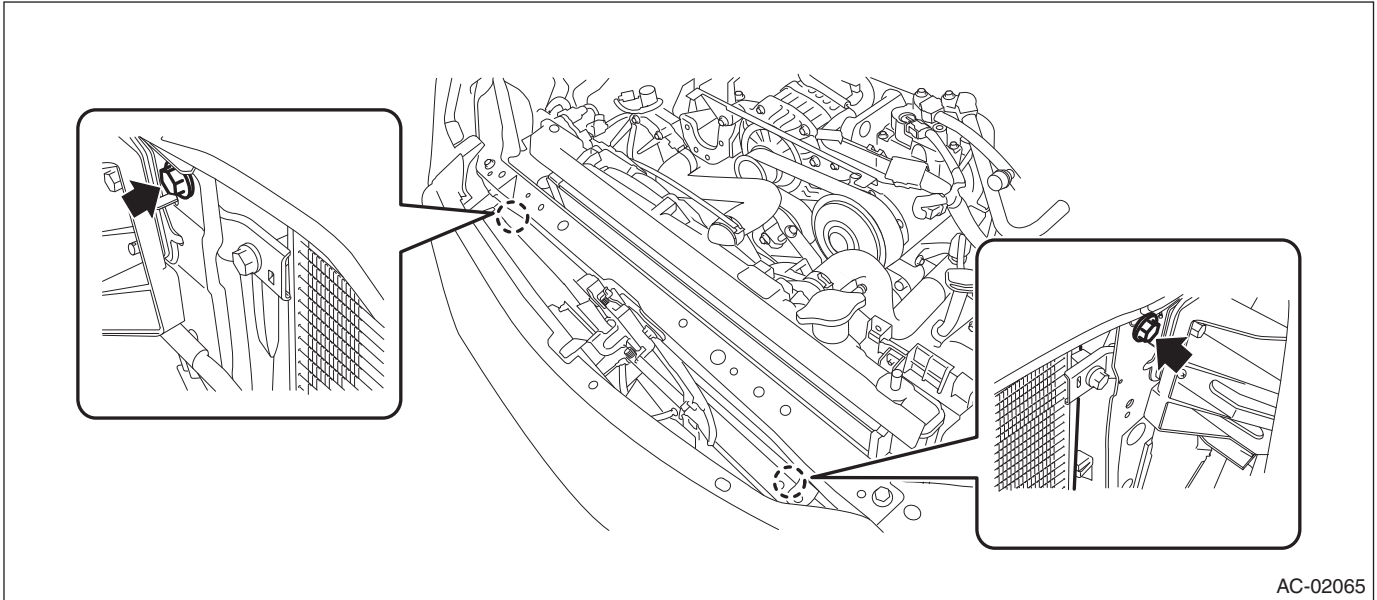


- 6) Remove the condenser.

Condenser

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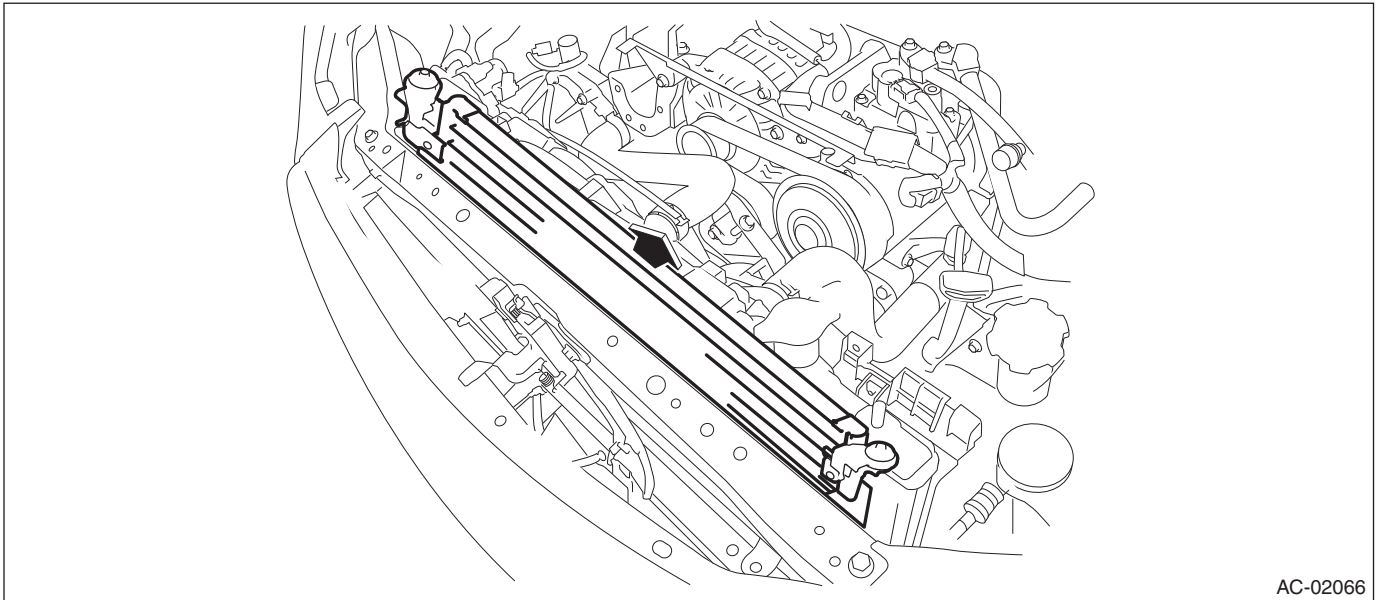
(1) Remove the bolt.



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

CAUTION:

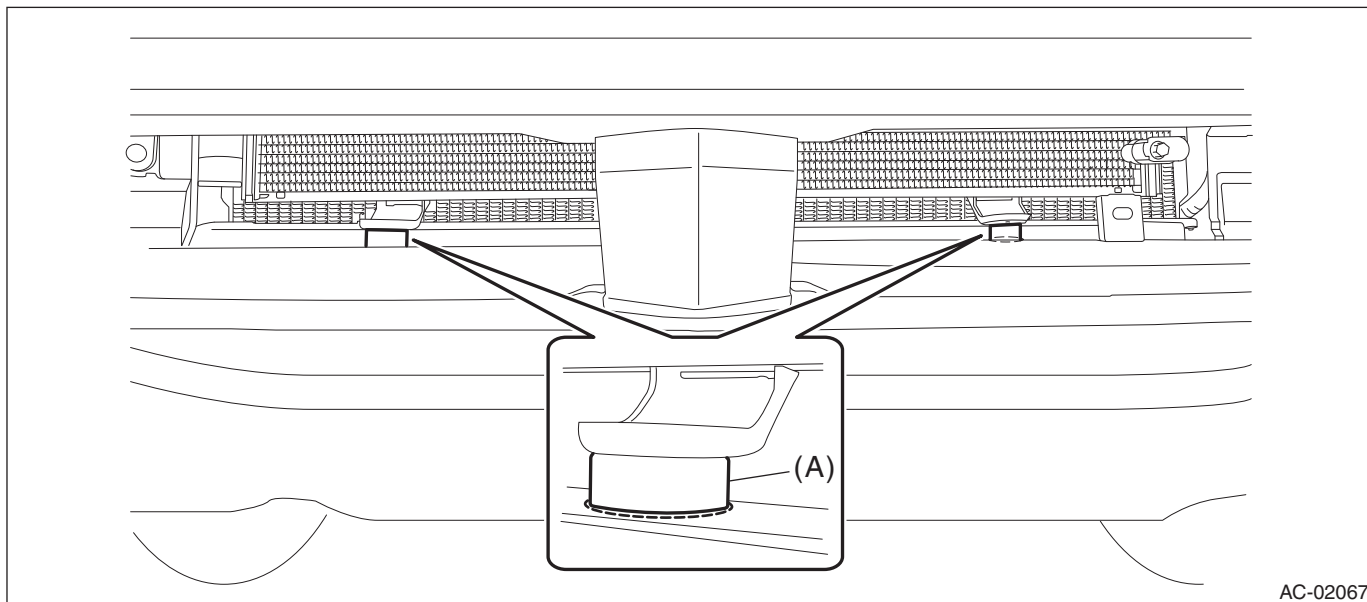
Be careful not to damage the condenser fins. If a damaged fin is found, repair it using a thin screwdriver.



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.
- If the condenser has been replaced, add an appropriate amount of compressor oil to the compressor. <Ref. to AC-24, 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-19, PROCEDURE, Refrigerant Charging Procedure.>

Tightening torque:

- **Air conditioning unit:** <Ref. to AC-8, 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.