

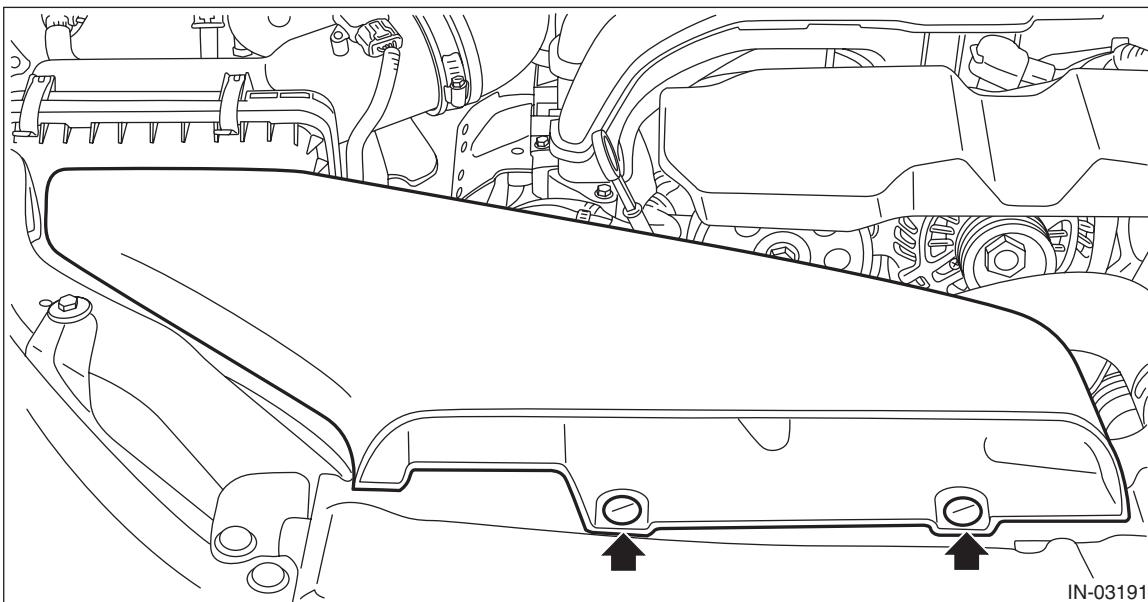
Condenser

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

17. Condenser

A: REMOVAL

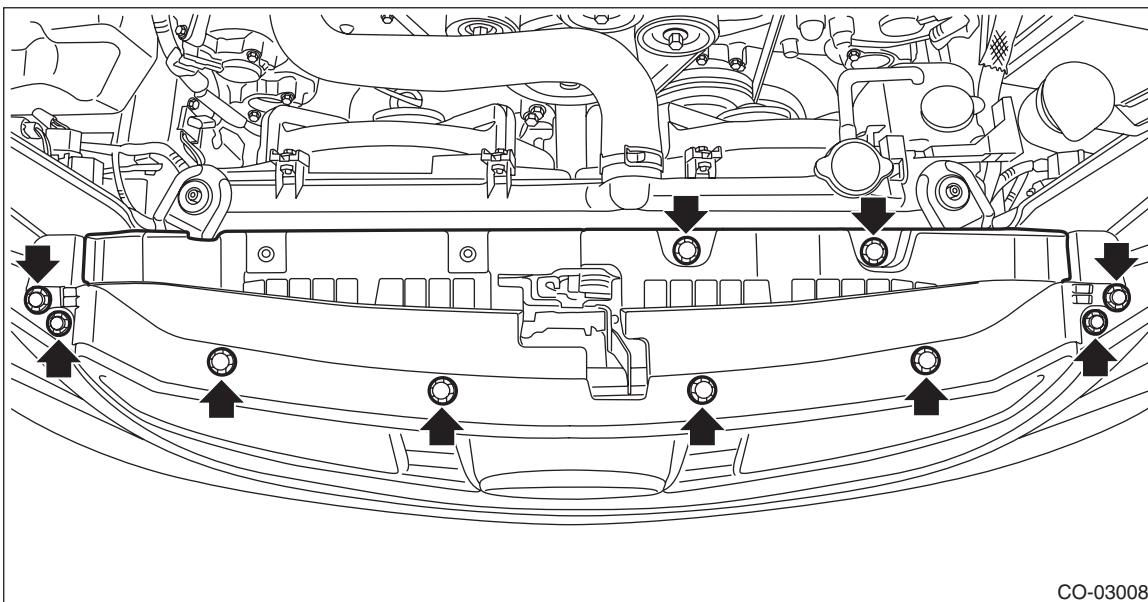
- 1) Using the refrigerant recovery system, discharge refrigerant. <Ref. to AC-26, PROCEDURE, Refrigerant Recovery Procedure.>
- 2) Remove the clips and remove the air intake duct.



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

NOTE:

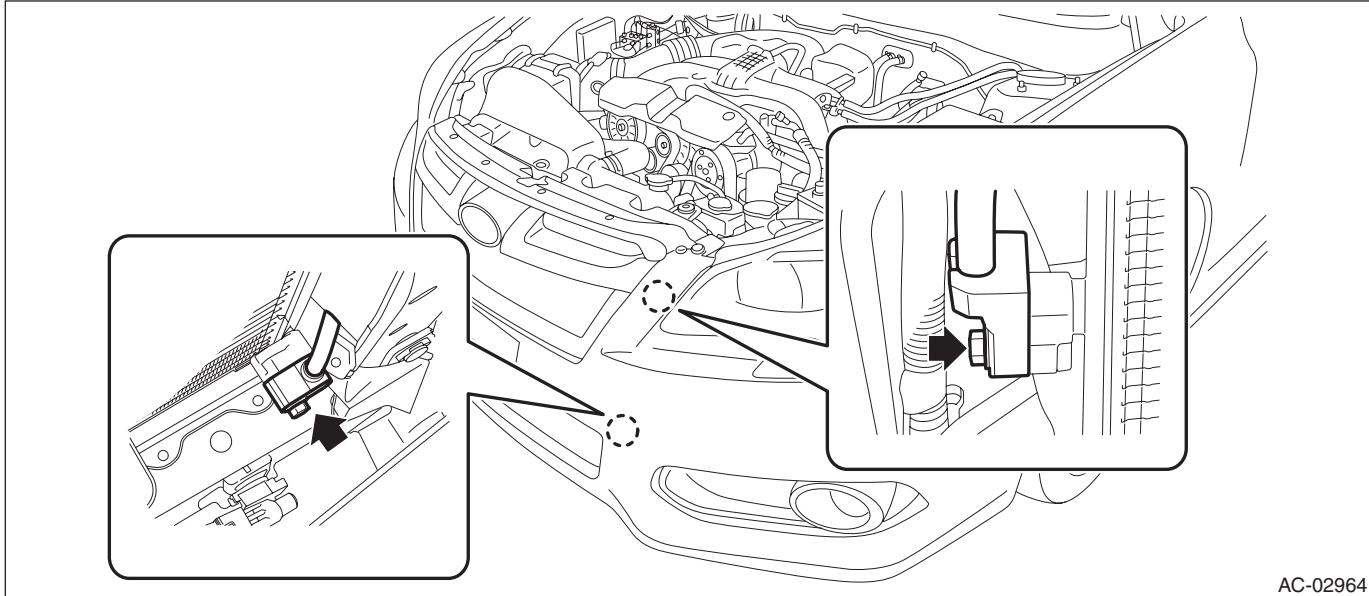
To prevent damage to the grille bracket, make sure to remove all clips.



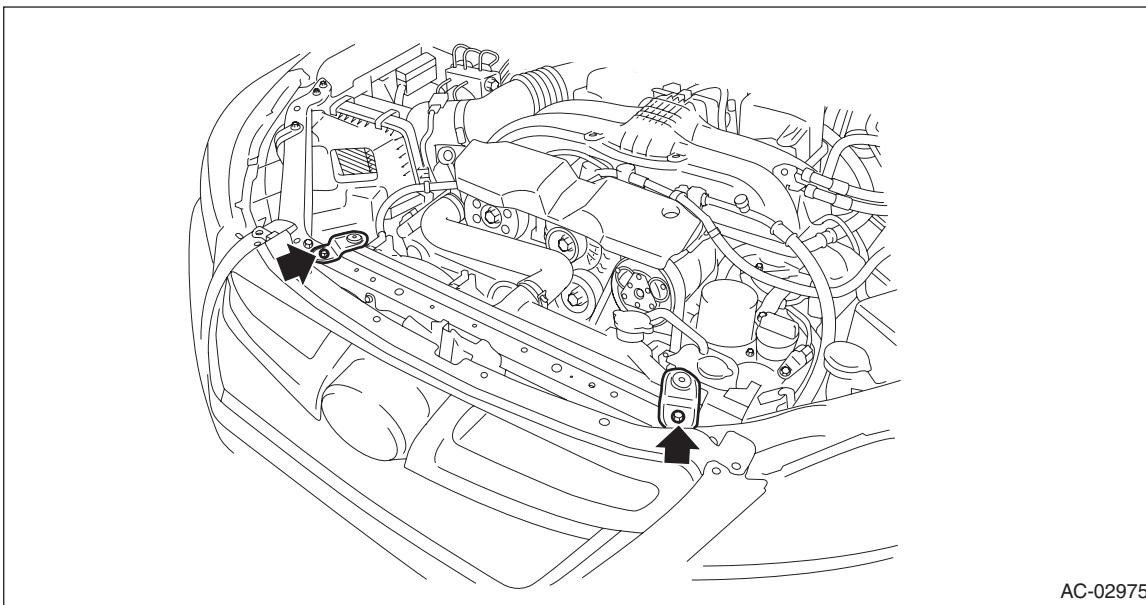
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4) Remove the bolts and disconnect the high pressure hose and A/C pipe from the condenser.



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

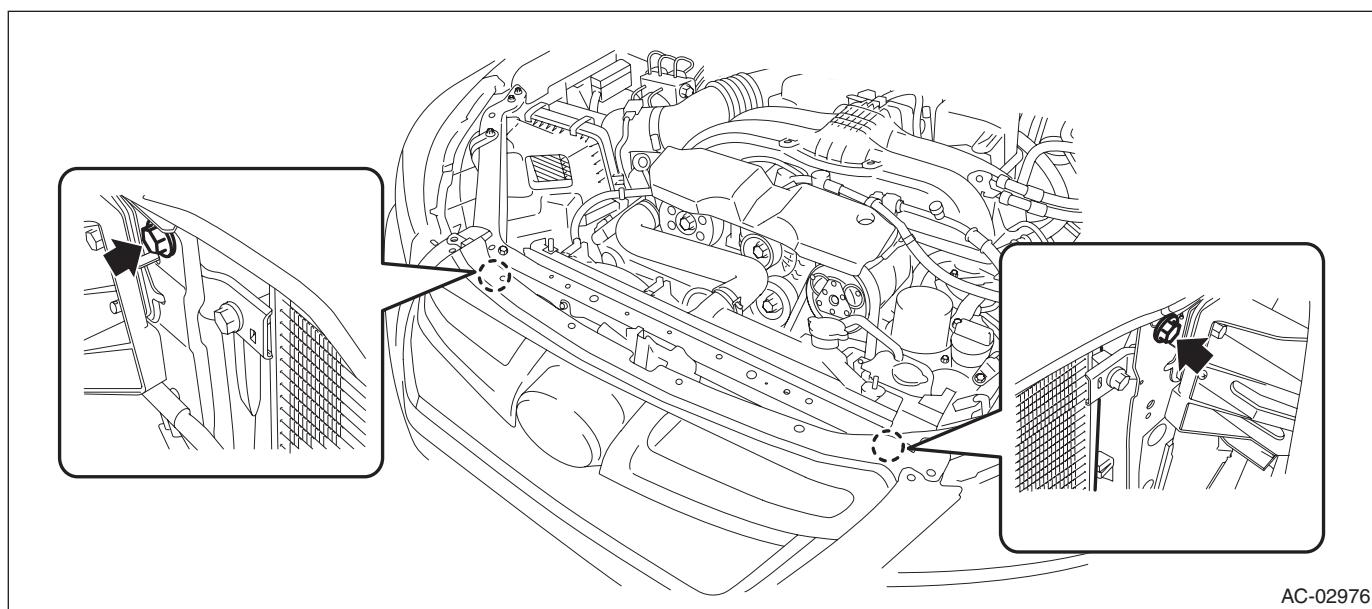


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6) Remove the condenser.

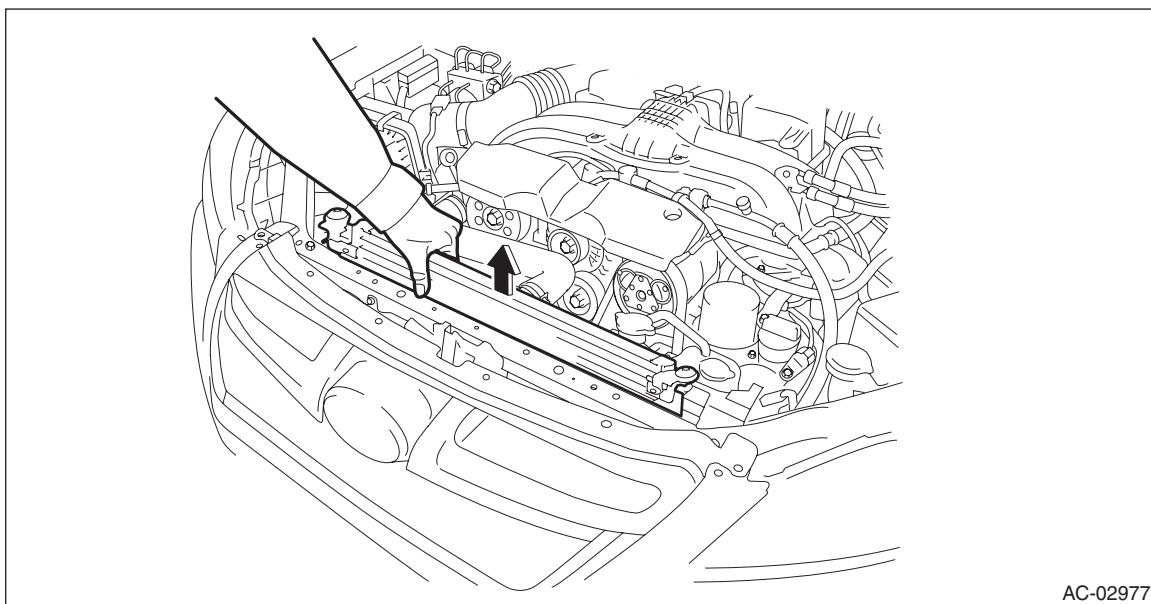
(1) Remove the bolt.



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

CAUTION:

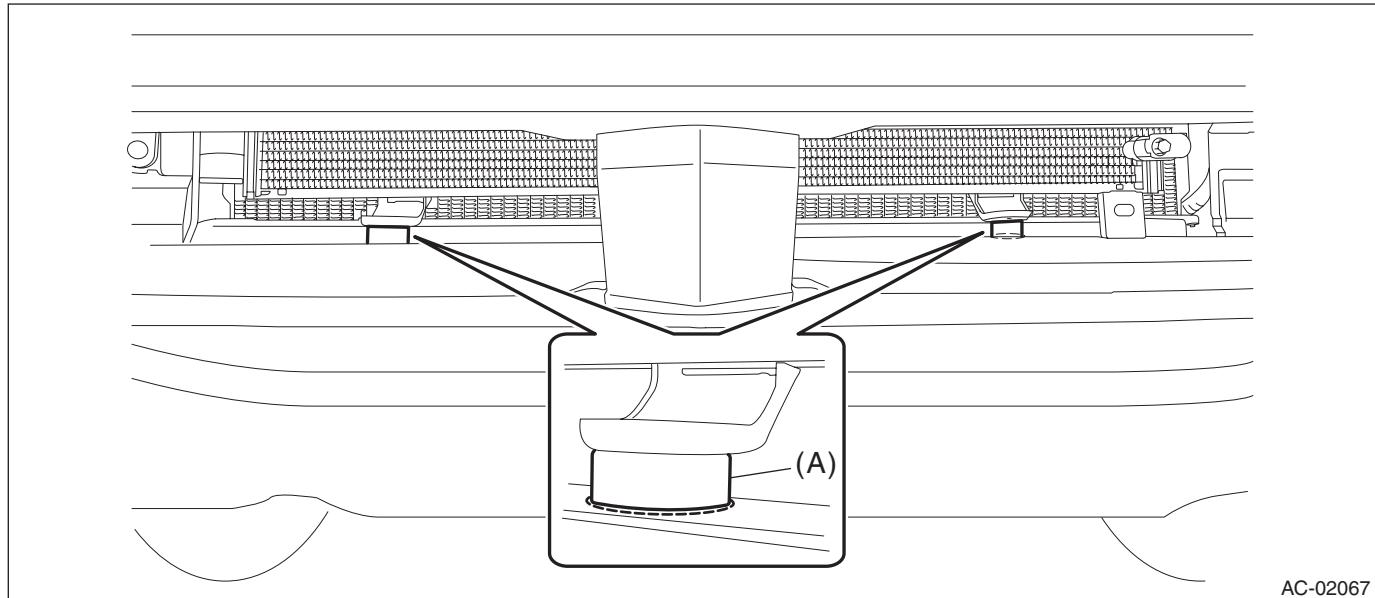
Be careful not to damage the condenser fins. If a damaged fin is found, repair it using a thin screwdriver.



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 condenser has been replaced, add an appropriate amount of compressor oil to the compressor. <Ref. to AC-33, ADJUSTMENT, Compressor Oil.>
- Replace the O-rings with new parts, and then apply compressor oil.
- Confirm that lower guide (A) of condenser fits into holes on radiator panel.



- 1) Install each part in the reverse order of removal.
- 2) Charge refrigerant. <Ref. to AC-27, PROCEDURE, Refrigerant Charging Procedure.>

Tightening torque:

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

Radiator upper bracket: 12 N·m (1.2 kgf·m, 8.9 ft-lb)

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.