

Condenser

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

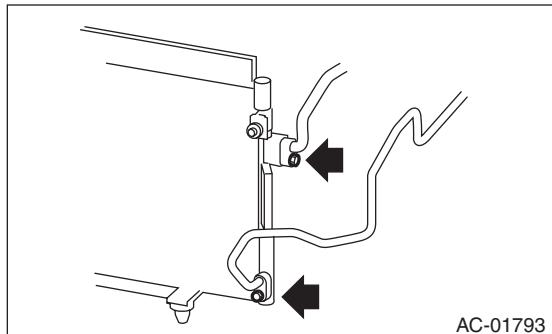
16. Condenser

A: REMOVAL

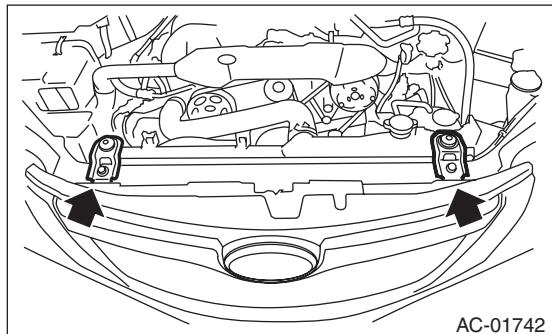
- 1) Using the refrigerant recovery system, discharge refrigerant. *<Ref. to AC-19, PROCEDURE, Refrigerant Recovery Procedure.>*
- 2) Disconnect the ground cable from battery.
- 3) Disconnect the high pressure hose and pipe from the condenser.

CAUTION:

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



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

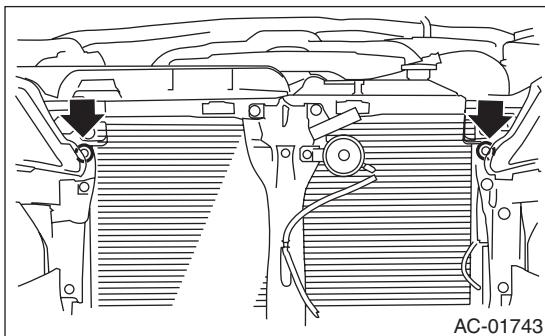


- 5) Remove the front bumper face. *<Ref. to EI-31, FRONT BUMPER FACE, REMOVAL, Front Bumper.>*

- 6) Remove the bolts, and lift the condenser to pull it out through space between the radiator and the radiator panel.

CAUTION:

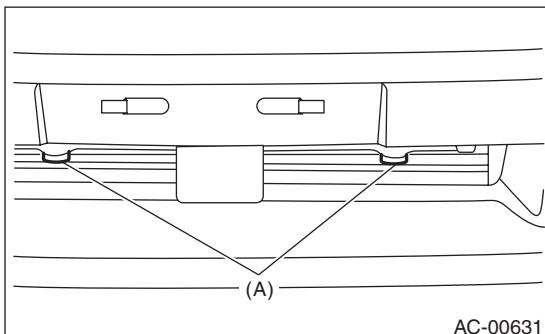
Be careful not to damage the condenser fins. If a damaged fin is found, repair it using a thin screwdriver.



B: INSTALLATION

CAUTION:

- Replace the O-rings on hoses or pipes with new parts, and then apply compressor oil.
- If the condenser has been replaced, add an appropriate amount of compressor oil to the compressor. *<Ref. to AC-24, ADJUSTMENT, 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-20, PROCEDURE, Refrigerant Charging Procedure.>*

Tightening torque:

Refer to “COMPONENT” of “General Description”.

- **Air conditioning unit:** *<Ref. to AC-9, AIR CONDITIONING UNIT, COMPONENT, General Description.>*
- **Radiator & radiator fan:** *<Ref. to CO(STI)-4, RADIATOR AND RADIATOR FAN, COMPONENT, General Description.>*

- 3) Adjust the fog light beam. (Model with fog light) *<Ref. to LI-21, FOG LIGHT AIMING, ADJUSTMENT, Front Fog Light Assembly.>*

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 with a new part.