

Inspection

1. Check the condenser fins for clogging and damage. If clogged, clean them with water, and blow them with compressed air. If bent, gently bend them using a screwdriver or pliers.
2. Check the condenser connections for leakage, and repair or replace it, if required.

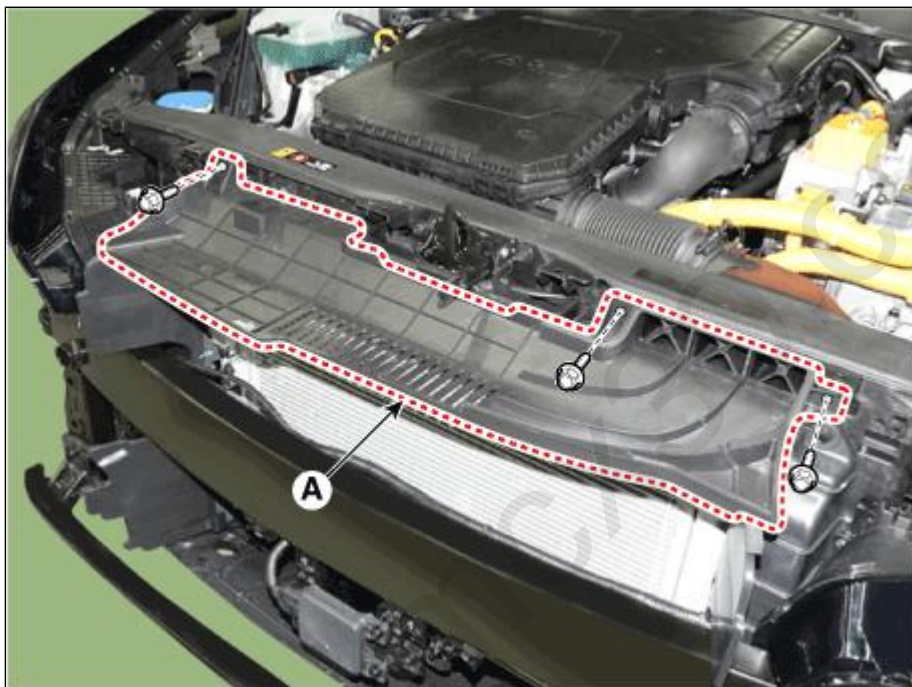
Replacement

1. Recover the refrigerant with a recovery / recycling / charging station.
(Refer to Air Conditioning System - "Repair procedures")

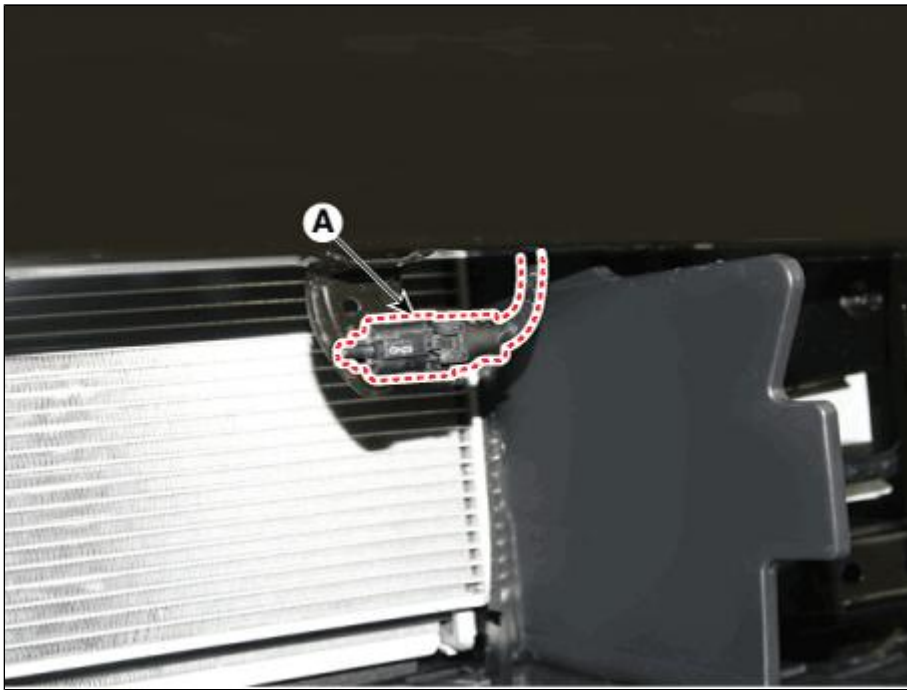
⚠ WARNING

If the POE oil of the system gets mixed with PAG oil, then dielectric breakdown due to decreased volumetric resistivity can occur and inoperative A/C compressor may result, A/C compressor may not work.

2. Disconnect the negative (-) battery terminal.
3. Remove the front bumper.
(Refer to Body (Interior and Exterior) - "Front Bumper Assembly")
4. Loosen the mounting bolts, remove the radiator upper cover (A).

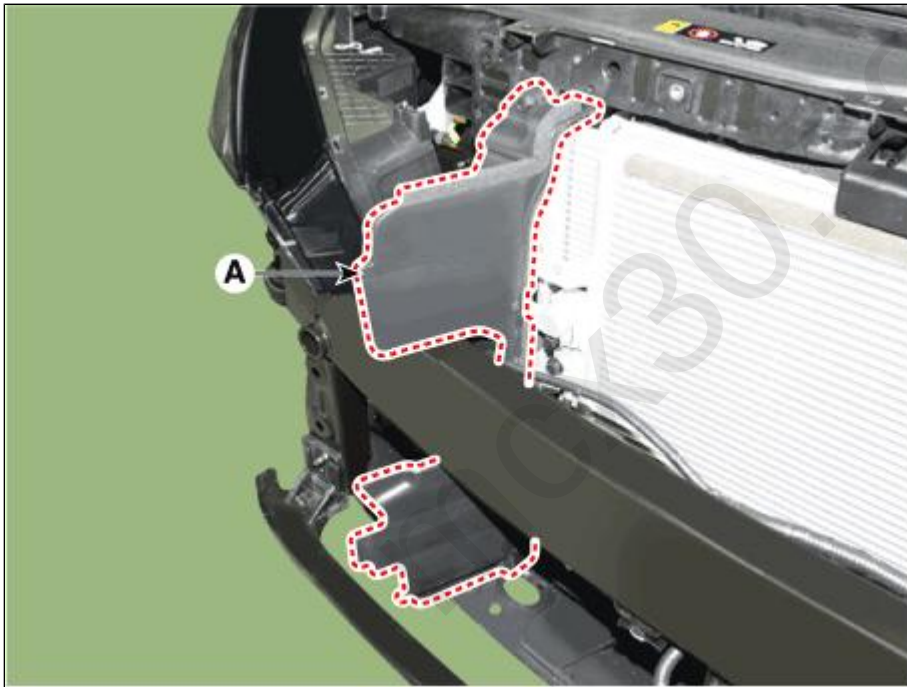


5. Remove the ambient temperature sensor (A).

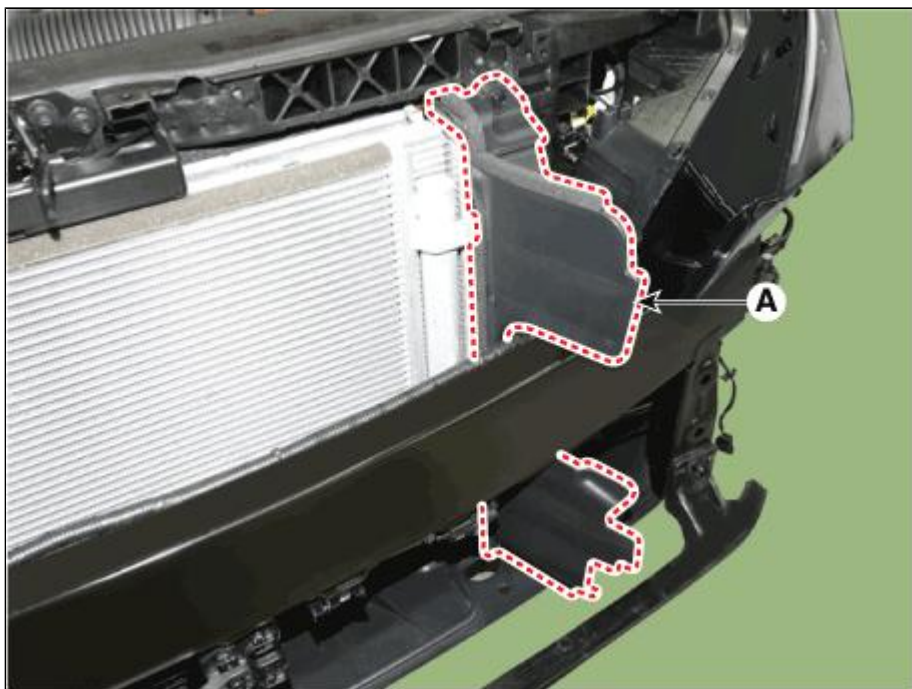


6. Loosen the mounting clip and bolt, remove the air guard (A).

[LH]



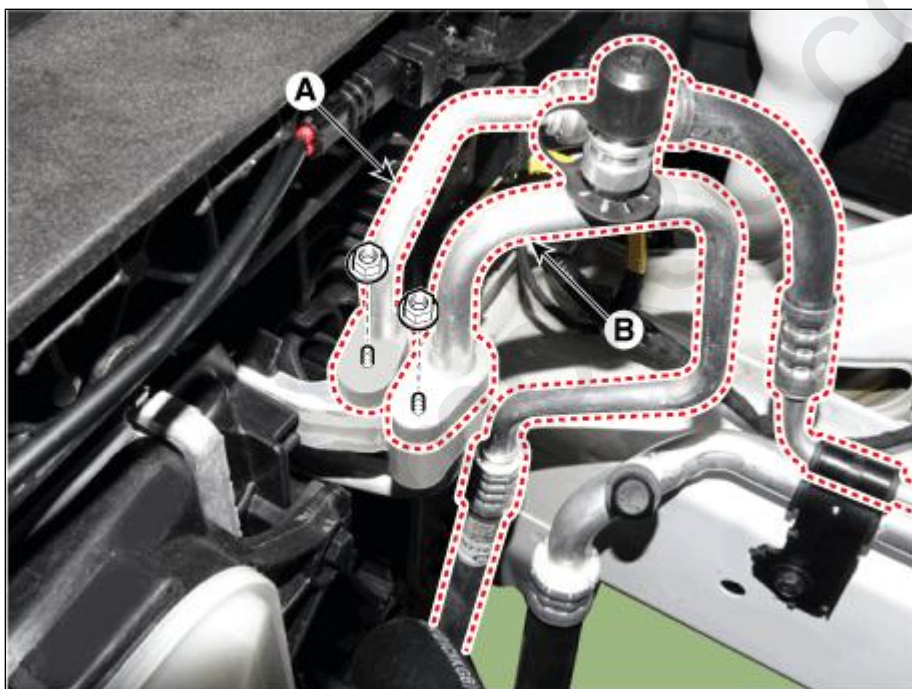
[RH]



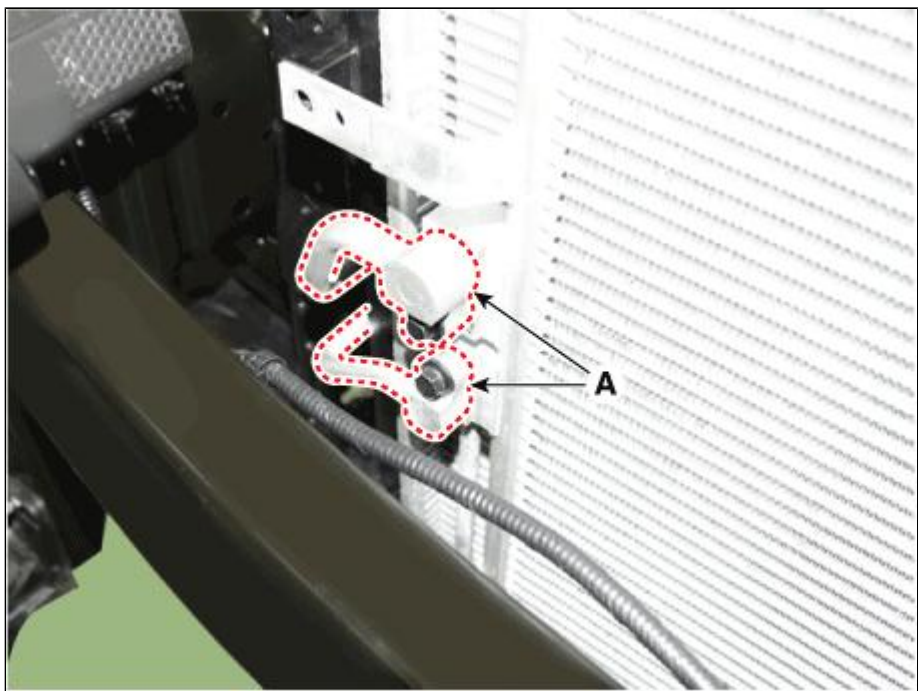
7. Loosen the mounting nuts and then separate the discharge line (B) and liquid line (A).

Tightening torque :

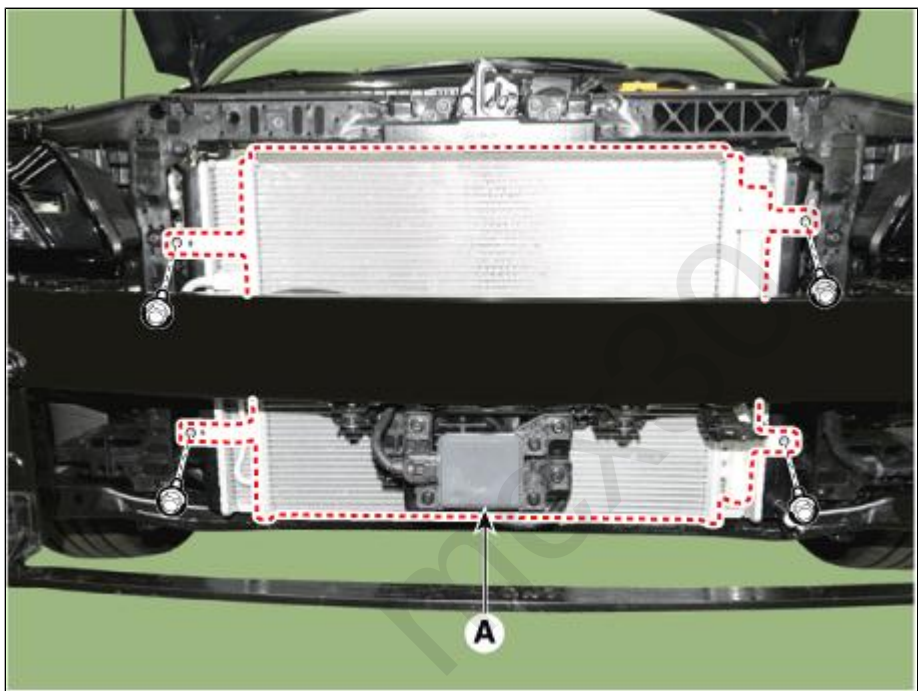
21.6 - 32.4 N.m (2.2 - 3.3 kgf.m, 15.9 - 23.9 lb-ft)

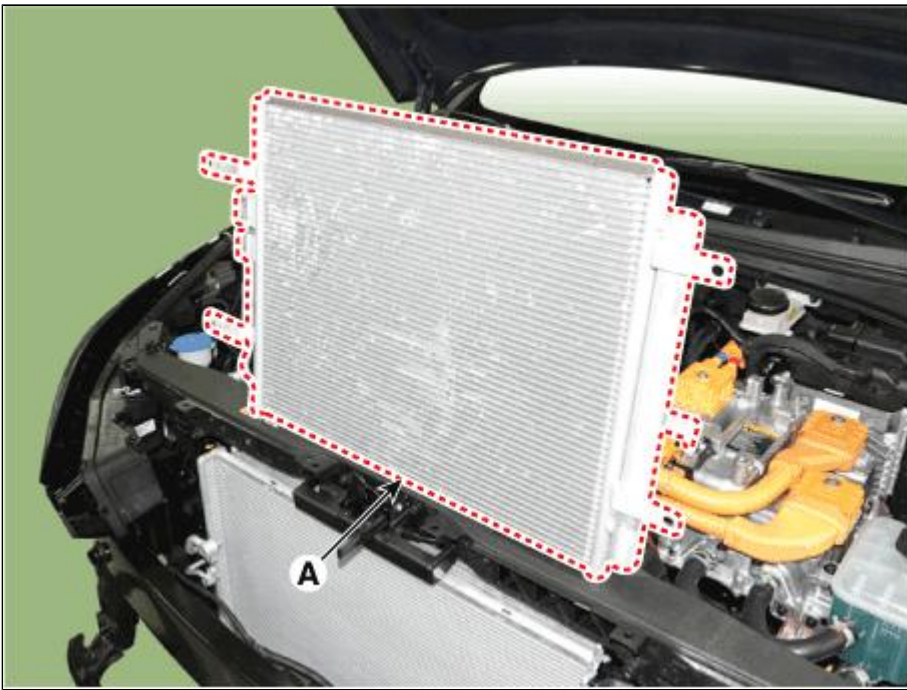


8. Loosen the mounting bolts, remove the liquid line (A).



9. Loosen the mounting bolts, remove the condenser (A).





10. To install, reverse the removal procedure.

NOTICE

If you're installing a new condenser, add refrigerant oil (POE OIL).
Replace the O-rings with new ones at each fitting, and apply a thin coat of refrigerant oil before installing them.
Be sure to use the right O-rings for R-134a or 1234yf to avoid leakage.
Be careful not to damage the radiator and condenser fins when installing the condenser.
Charge the system, and test its performance.

WARNING

If the POE oil of the system gets mixed with PAG oil, then dielectric breakdown due to decreased volumetric resistivity can occur and inoperative A/C compressor may result, A/C compressor may not work.

Rate this Document

- ☐ Document Type : SHOP
- ☐ Document Rating :

Please rate the above contents on a scale of 1 to 5.

Little Value 1 2 3 4 5 Excellent Value