Component Procedures: Hose/Line HVAC

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Parts and Labor (itype_189)

Parts

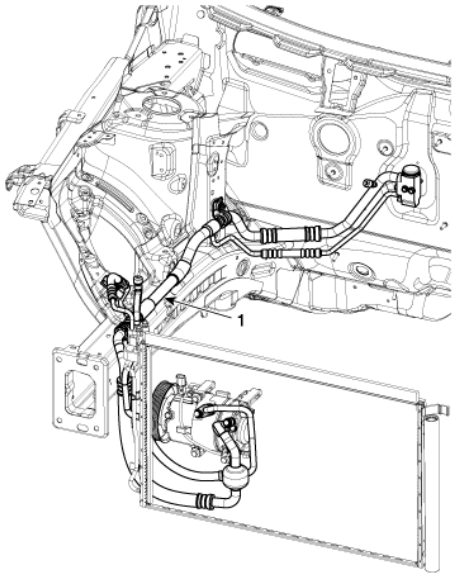
Qualifier	Part #	Name	Price	Note
Air Conditioner > Discharge ?	97762M6450	Korea Built	116.53	
Air Conditioner > Discharge ?	97762F3500	Us Built	126.77	
Air Conditioner > Suction Ho?	97775M6450	Korea Built	642.52	
Air Conditioner > Suction Ho?	97775F3500	Us Built	754.65	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Air Conditioner > Discharge Hose, R&R	B	1.4	0.0
Remove & Replace	Air Conditioner > Liquid & Suction Hose Assem?	B	1.9	0.0

Refrigerant line - Components and Components Location (Article 44844)

- Components Location



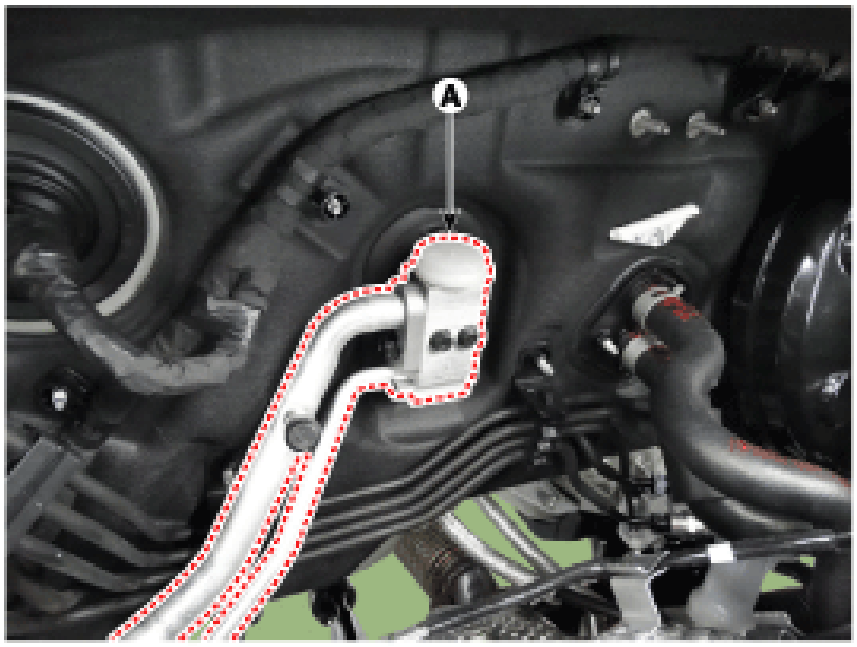
1. Refrigerant Line Assembly

Refrigerant Line - Repair Procedures (Article 44845)

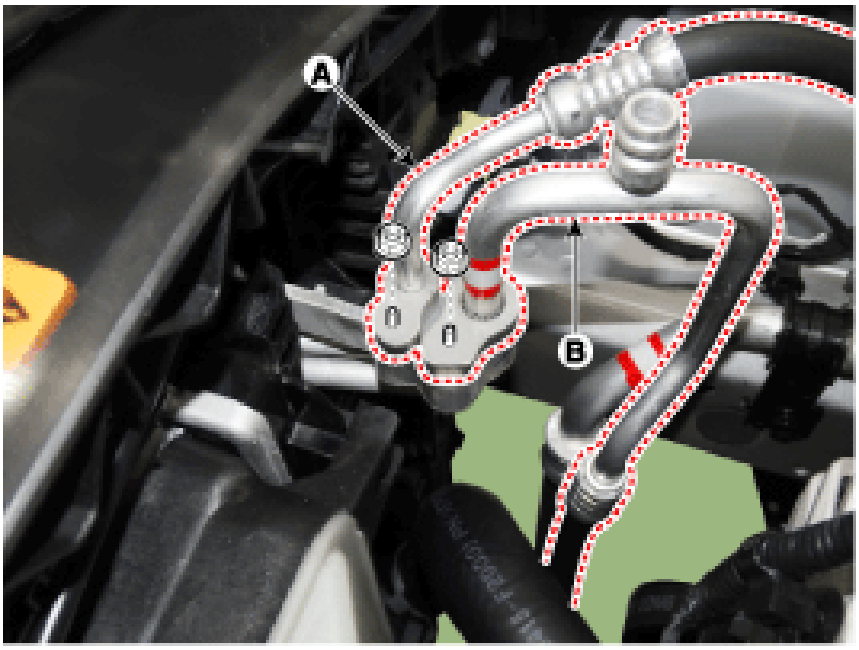
- Replacement

- If the compressor is marginally operable, run the engine at idle speed, and let the air conditioning work for a few minutes, then shut the engine off.
- Disconnect the negative (-) battery terminal.
- Recover the refrigerant with a recovery / charging station.
- Remove the engine cover (A).

- Remove the bolts and the expansion valve (A) from the evaporator core . Tightening torque : 8.8 - 13.7 N.m (0.9 - 1.4 kgf.m, 6.5 - 10.1 Ib-ft)



- Remove the 2 nuts, and then disconnect the discharge line (A) and liquid line (B) from the condenser . Tightening torque : 8.8 - 13.7 N.m (0.9 - 1.4 kgf.m, 6.5 - 10.1 Ib-ft)



- Disconnect the A/C pressure transducer connector (A).

- Remove the engine room under cover. (Refer to Engine Mechanical System - "Engine Room Under Cover")
- Remove the bolts, then disconnect the suction line (A) and discharge line (B) from the compressor.
Tightening torque : 21.6 - 32.4 N.m (2.2 - 3.3 kgf.m, 15.9 - 23.9 lb-ft) Plug or cap the lines immediately after disconnecting them to avoid moisture and dust contamination.
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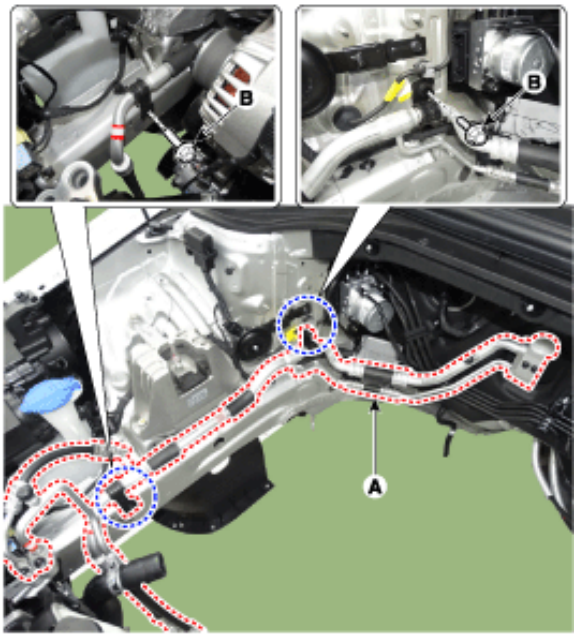
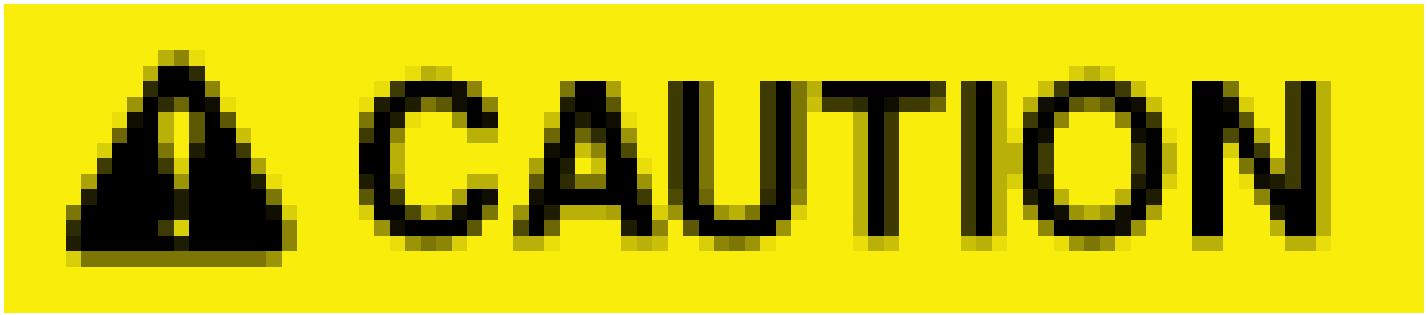
- Plug or cap the lines immediately after disconnecting them to avoid moisture and dust contamination.
- Loosen the bracket mounting bolt (B) from suction& liquid assembly (A). Tightening torque : 7.8 - 11.8 N.m (

0.8 - 1.2 kgf.m, 5.8 - 8.7 lb-ft)
- Remove the refrigerant line assembly (A) to the upper of engine room.



- To install, reverse the removal procedure. Plug or cap the lines immediately after disconnecting them to avoid moisture and dust contamination. Tighten the bolt or nut joint to the specified torque. Using a gas leak detector, check for refrigerant leakage. Evacuate air in the refrigeration system and charge system with refrigerant. Capacit y : 500 ± 25 g (17.6 ± 0.88 oz.)

Plug or cap the lines immediately after disconnecting them to avoid moisture and dust contamination. Tighten the bolt or nut joint to the specified torque. Using a gas leak detector, check for refrigerant leakage. Evacuate air in the refrigeration system and charge system with refrigerant. Capacit y : 500 ± 25 g (17.6 ± 0.88 oz.)



- Tighten the bolt or nut joint to the specified torque.
- Using a gas leak detector, check for refrigerant leakage.
- Evacuate air in the refrigeration system and charge system with refrigerant. Capacit y : 500 ± 25 g (17.6 ± 0.88 oz.)