

Component Procedures: Blower Motor

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Component Procedures: Blower Motor

Parts and Labor (itype_189)

Parts

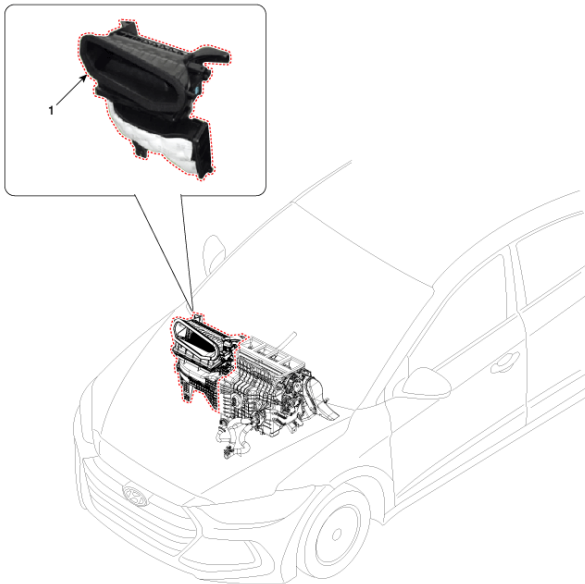
Qualifier	Part #	Name	Price	Note
Blower Motor	97113A4000	Blower Motor	151.29	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Blower Motor > Blower Motor, R&R	B	0.7	0.0

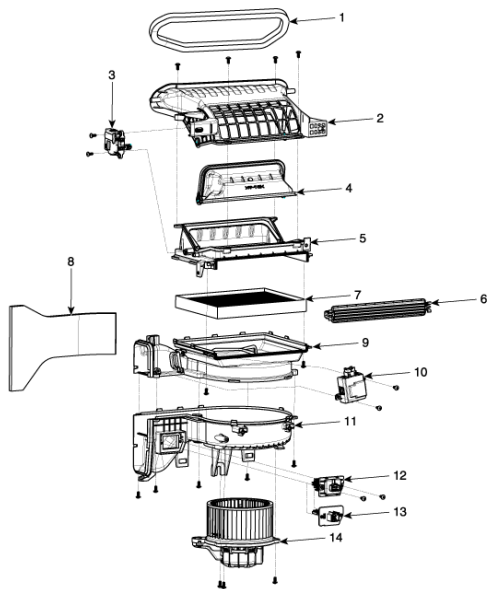
Blower Unit - Components and Components Location (Article 44874)

- Component Location



1. Blower unit assembly

- Components

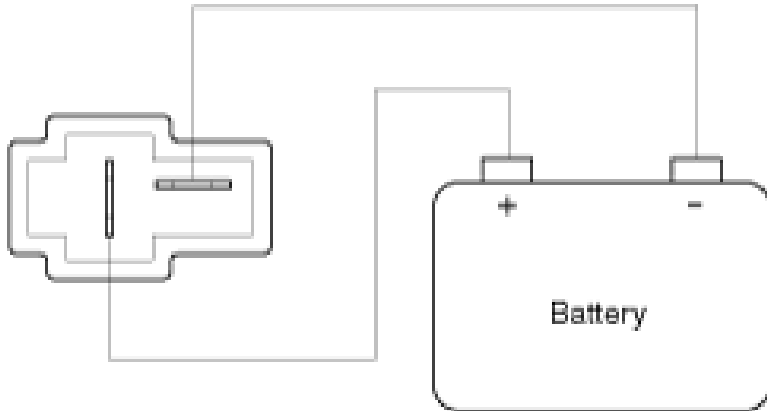


1. Seal 2. Intake duct case 3. Intake actuator 4. Intake door 5. Intake duct case [A] 6. Air filter cover 7.

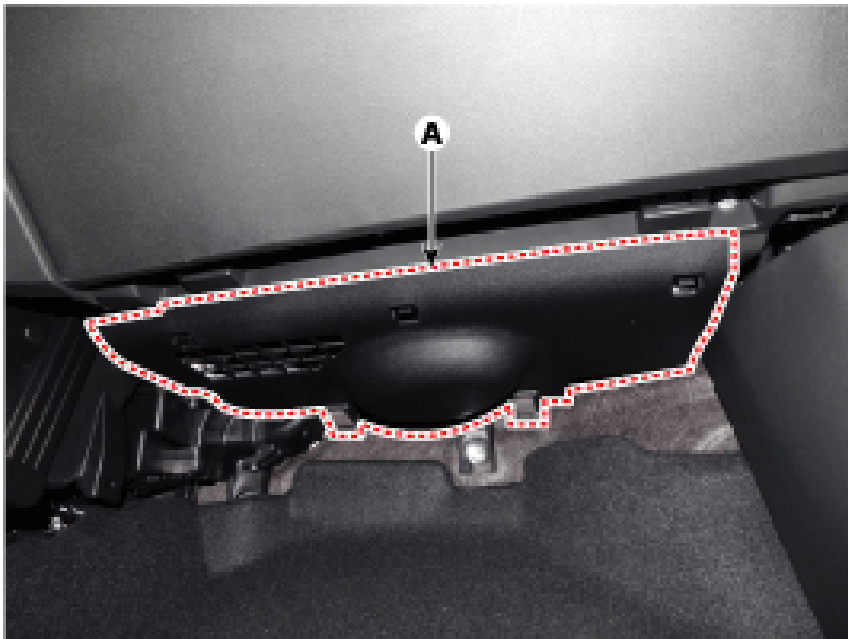
Air filter 8. Blower unit pad 9. Blower upper case 10. Cluster ionizer 11. Blower lower case 12. Power mosfet
13. Resistor 14. Blower motor

Blower Motor - Repair Procedures (Article 44876)

- Inspection
- Connect the battery voltage and check the blower motor rotation.



- If the blower motor does not operate well, substitute with a known-good blower motor and check for proper operation.
- Replace the blower motor if it is proved that there is a problem with it.
- Replacement
- Disconnect the negative (-) battery terminal.
- Remove the cowl side trim. (Refer to Body - "Cowl Side Trim")
- To remove the crash pad under cover [RH] (A), press both sides of the locking pin and then pull it down.



- Disconnect the blower motor connector (A) and then remove the blower motor (B) after loosening the screws.



- To install, reverse the removal procedure.

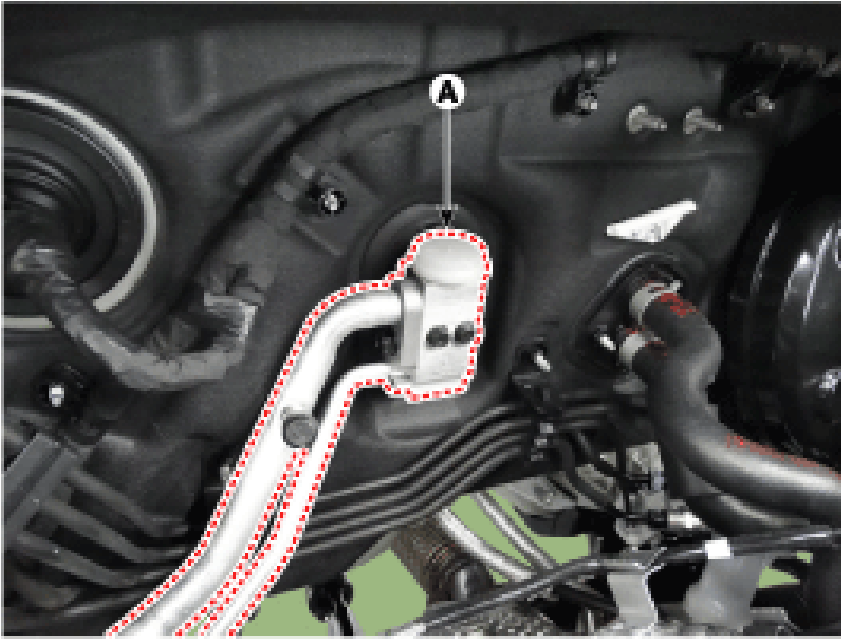
Blower Unit - Repair Procedures (Article 44875)

- Replacement

When prying with a flat-tip screwdriver or use a prying trim tool, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.



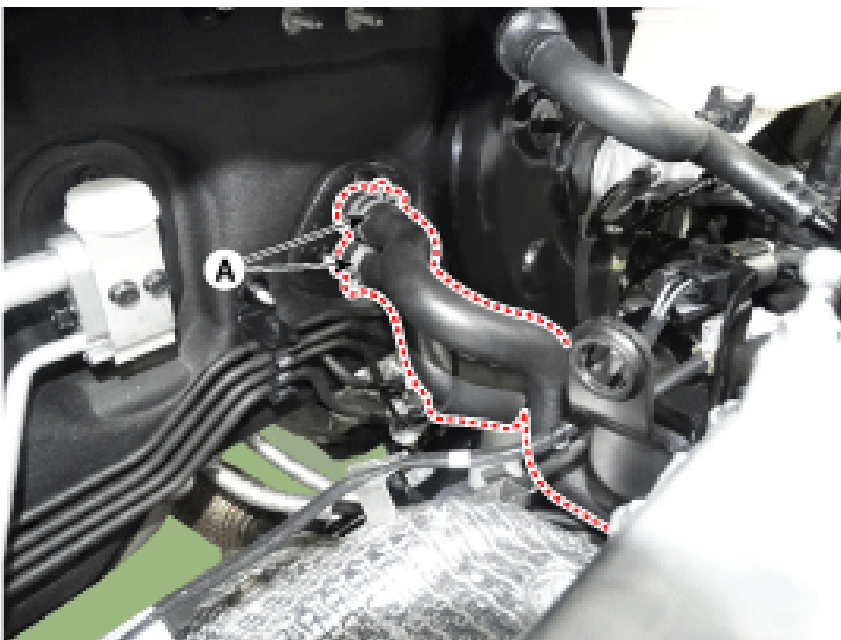
- Disconnect the negative (-) battery terminal.
- Recover the refrigerant with a recovery / recycling / charging station.
- When the engine is cool, drain the engine coolant from the radiator. (Refer to Engine Mechanical System - "Coolant")
- Remove the cowl top cover. (Refer to Body - "Cowl Top Cover")
- 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 lb-ft) Plug or cap the lines immediately after disconnecting them to avoid moisture and dust contamination. When installing, replace with a new O-ring.



Plug or cap the lines immediately after disconnecting them to avoid moisture and dust contamination. When installing, replace with a new O-ring.

NOTICE

- Plug or cap the lines immediately after disconnecting them to avoid moisture and dust contamination.
- When installing, replace with a new O-ring.
- Disconnect the heater hoses (A) from the heater unit. Engine coolant will run out when the hoses are disconnected; drain it into a clean drip pan. Be sure not to let coolant spill on electrical parts or painted surfaces. If any coolant spills, rinse it off immediately.



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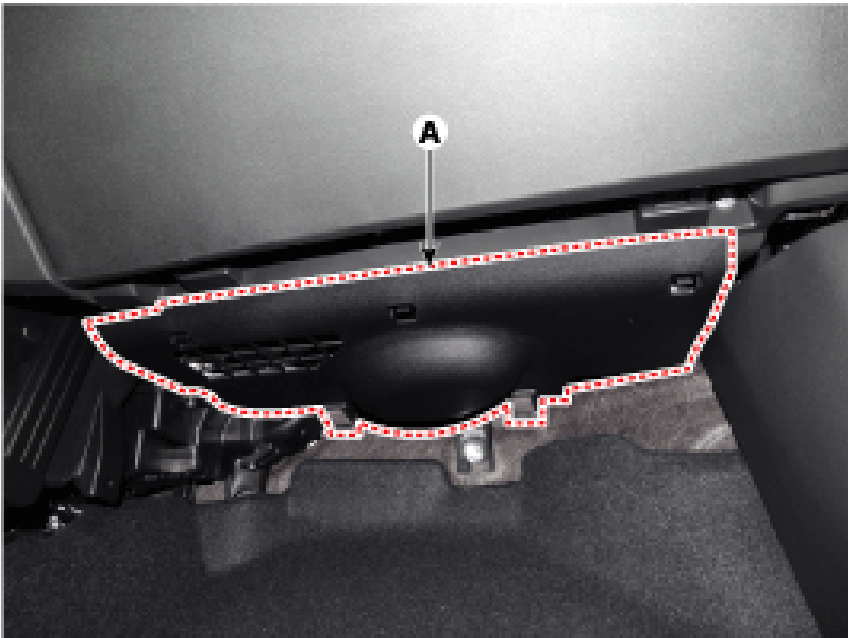
let coolant spill on electrical parts or painted surfaces. If any coolant spills, rinse it off immediately.

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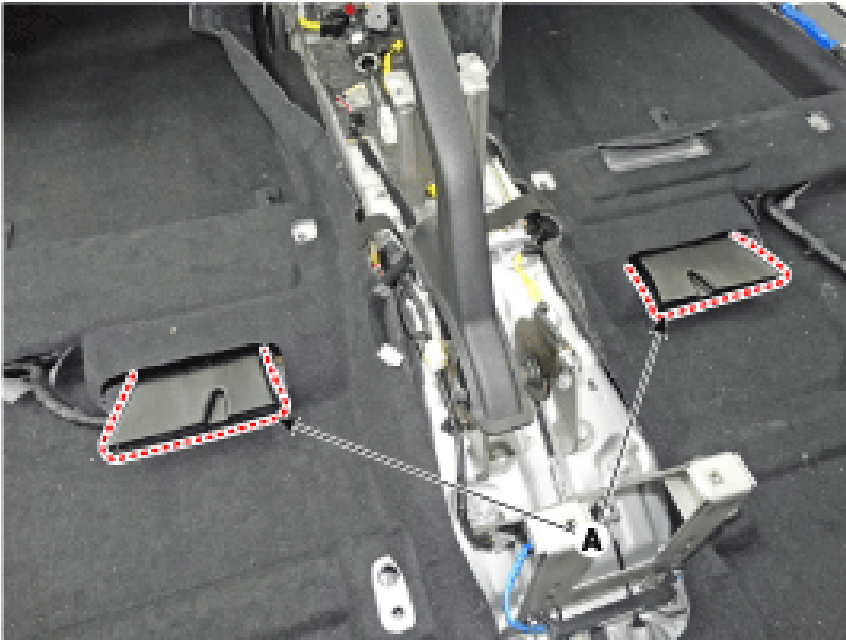
- Loosen the cowl cross member mounting bolts.



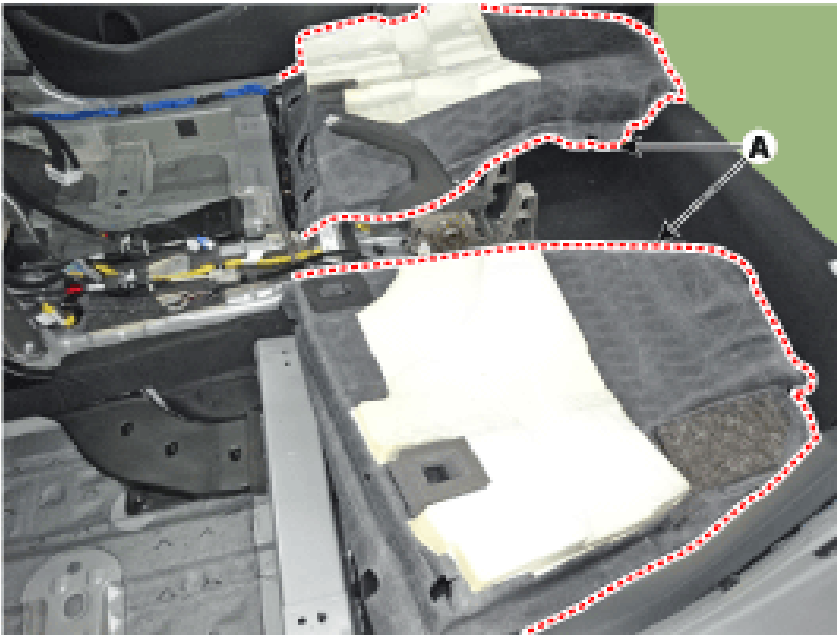
- Remove the floor console assembly. (Refer to Body - "Floor Console Assembly")
- Remove the crash pad lower panel. (Refer to Body - "Crash Pad Lower Panel")
- Remove both sides of the front pillar trim. (Refer to Body - "Front Pillar Trim")
- Remove the cowl side trim. (Refer to Body - "Cowl Side Trim")
- Remove the steering column shroud lower panel. (Refer to Body - "Steering Column Shroud Panel")
- Remove the steering wheel. (Refer to Steering System - "Steering Wheel")
- Remove the multifunction switch. (Refer to Body Electrical System - "Multifunction Switch")
- Lower the steering column after loosening the mounting bolts. (Refer to Steering System - "Steering Column and Shaft")
- Remove the shift lever assembly. (Refer to Automatic Transmission System - "Shift Lever")
- Remove the crash pad under cover [RH](A).



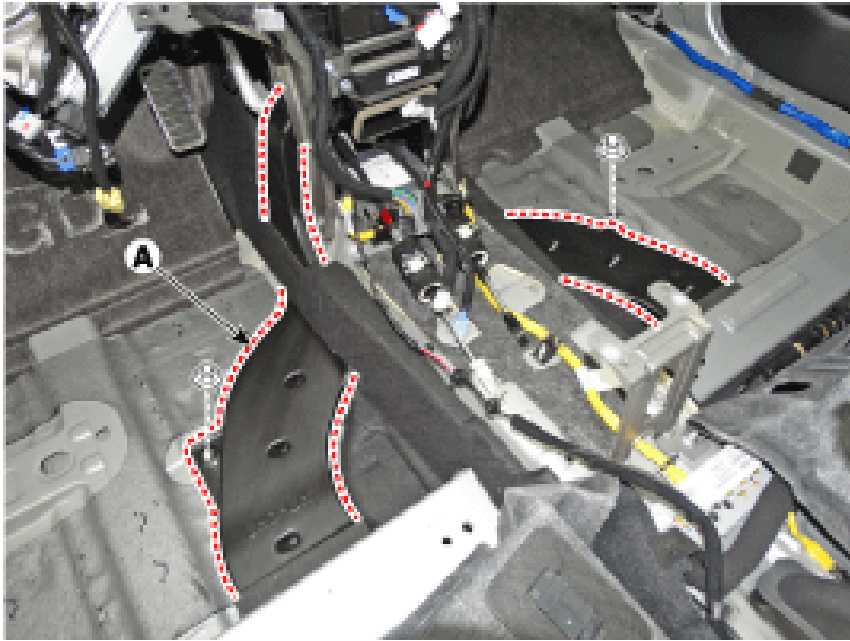
- Remove the rear air duct (A).



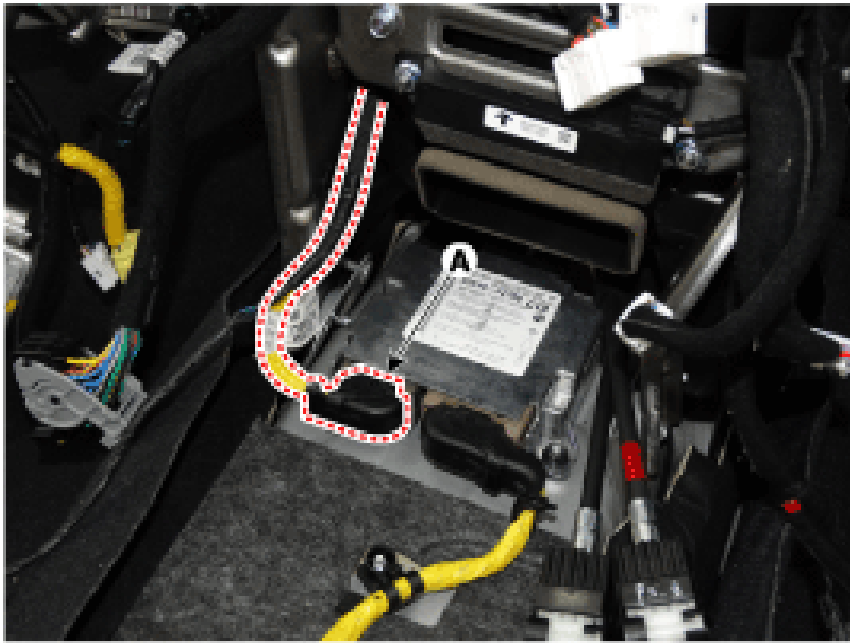
- Separate the floor carpet (A) to obtain space for removing the rear heating duct.



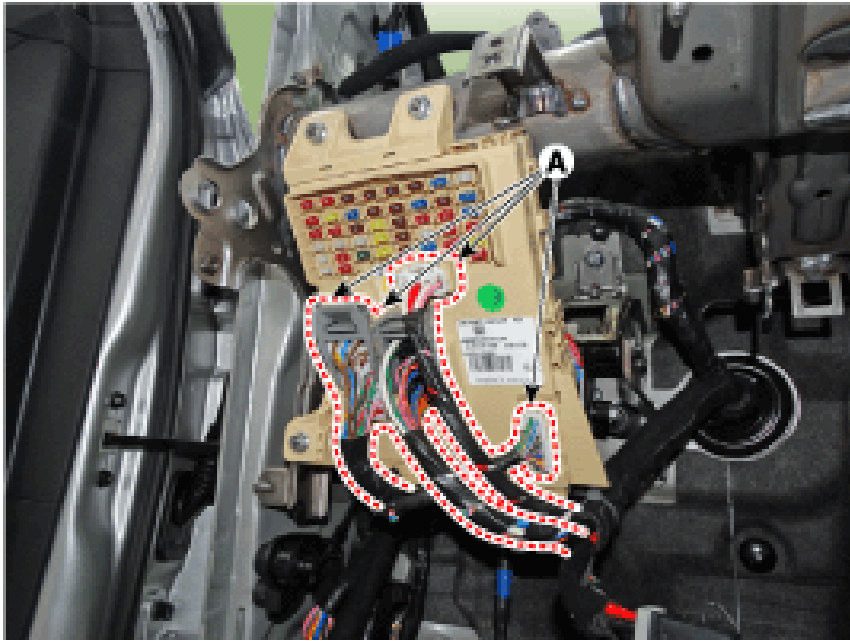
- Loosen the mounting nut and remove the front air duct (A).



- Disconnect the airbag control module (SRSCM) connector (A).

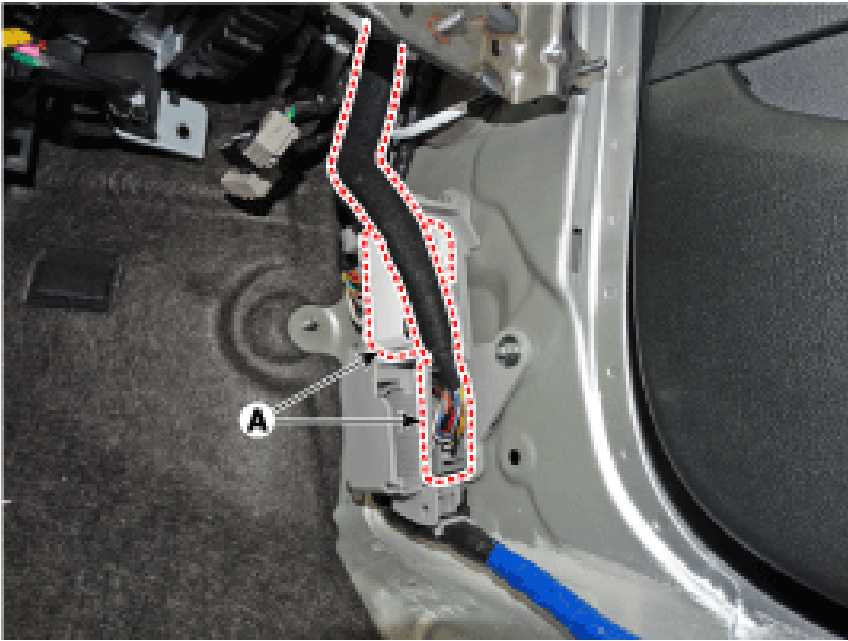


- Disconnect the junction box connectors (A).

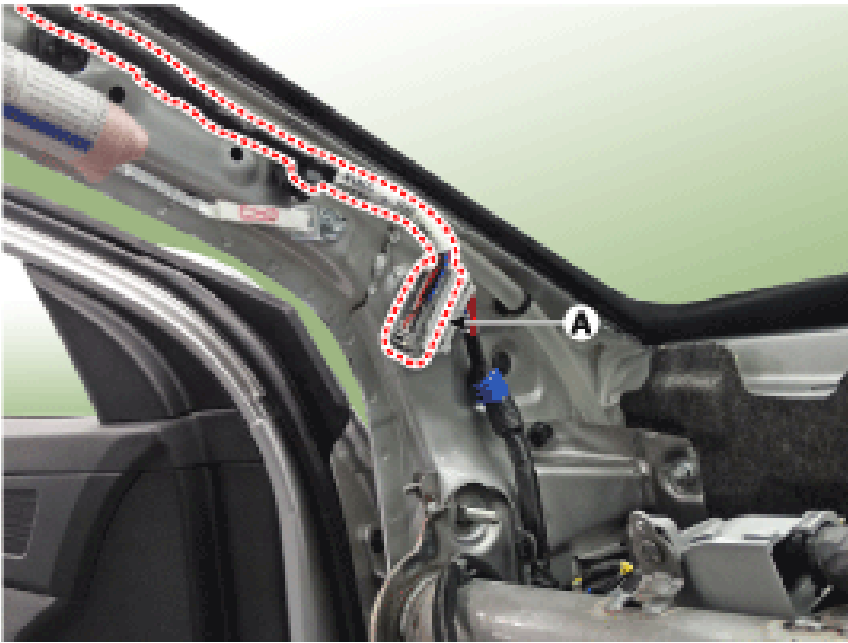


- Disconnect the multi box connectors (A). [Driver's side] [Passenger's side]



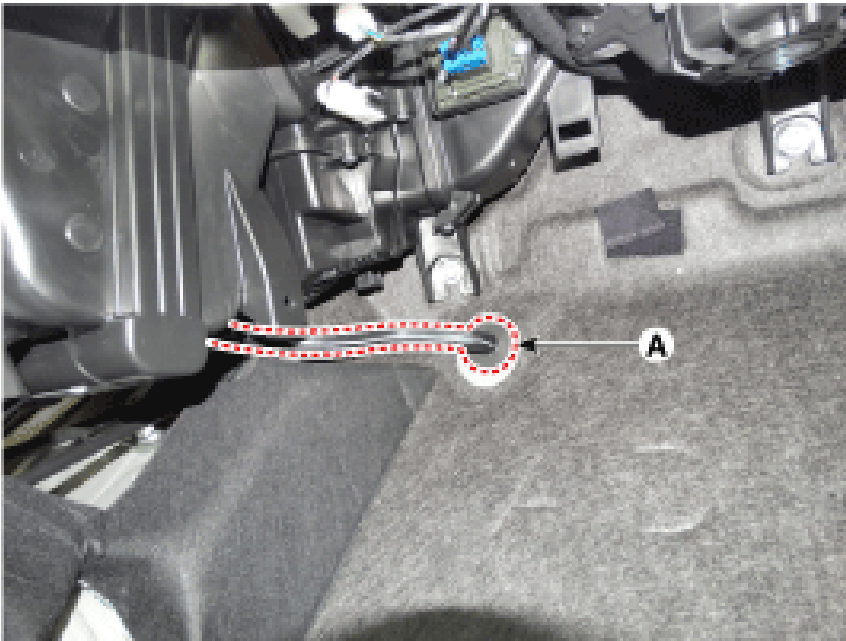


- Disconnect the connectors (A) and the mounting clips in the front pillar. [Driver's side] [Passenger's side]





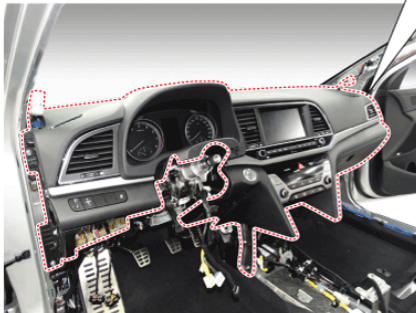
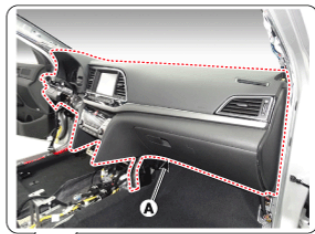
- Remove the drain hose (A).



- Loosen the cowl blower unit mounting bolts. Tightening torque : 3.9 ~ 5.9 N.m (0.4 ~ 0.6 kgf.m, 2.9 ~ 4.3 lb-ft)

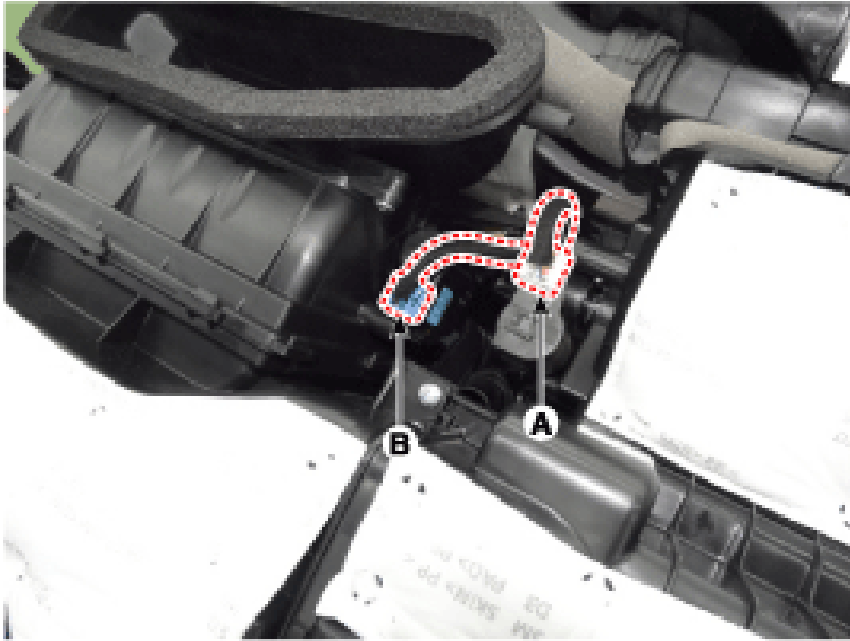


- After loosening the bolts and nuts remove the main crash pad and cowl cross bar assembly (A) together.

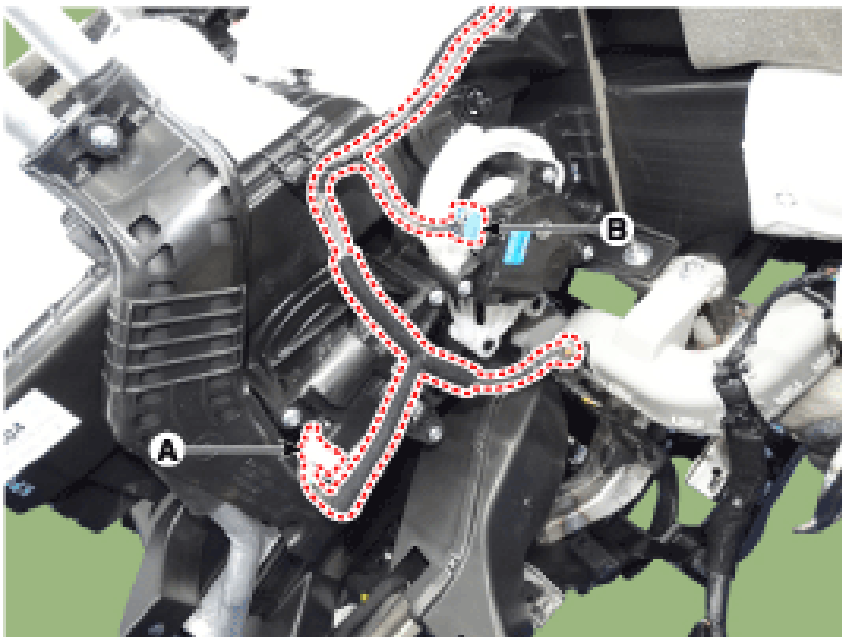


- Disconnect the heater & blower unit connectors. Disconnect the auto defogging actuator connector (A), intake actuator connector (B) and remove the wiring mounting clips. Disconnect the driver's temperature control actuator (A), mode control actuator (B) and remove the wiring mounting clips. Disconnect the blower motor connector (A) and remove the wiring mounting clips. Disconnect the passenger's side temperature control actuator (A), evaporator temperature sensor connector (B), power mosfet connector (C) and remove the wiring mounting clips.

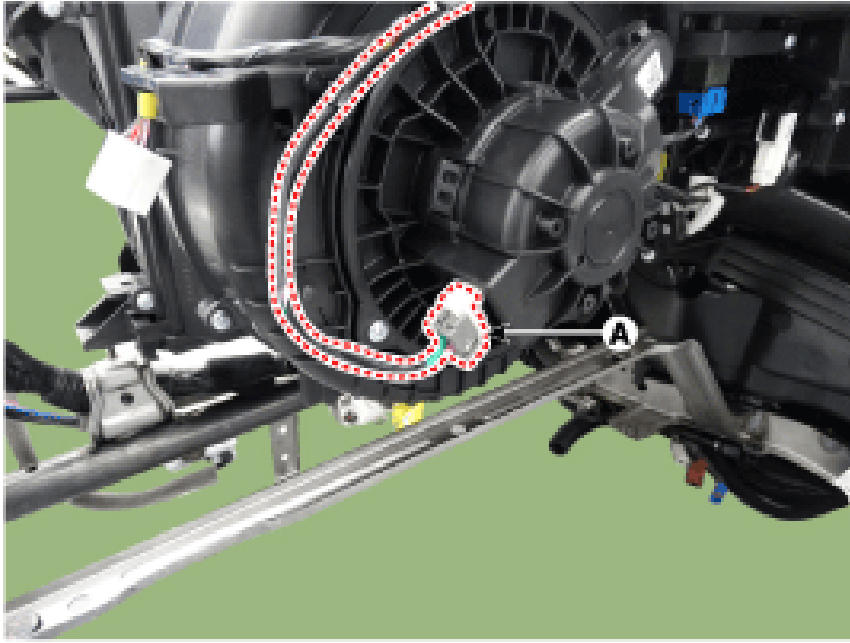
- Disconnect the auto defogging actuator connector (A), intake actuator connector (B) and remove the wiring mounting clips.



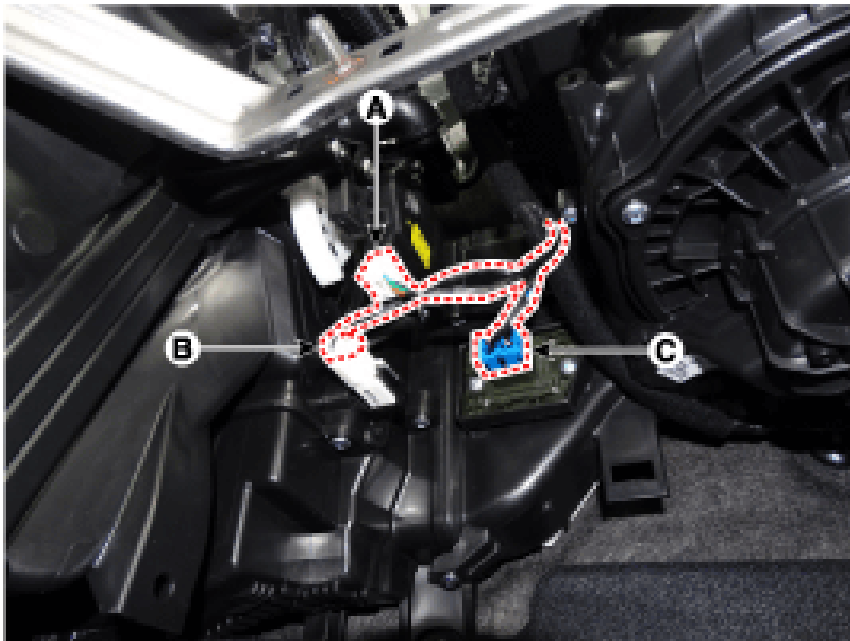
- Disconnect the driver's temperature control actuator (A), mode control actuator (B) and remove the wiring mounting clips.



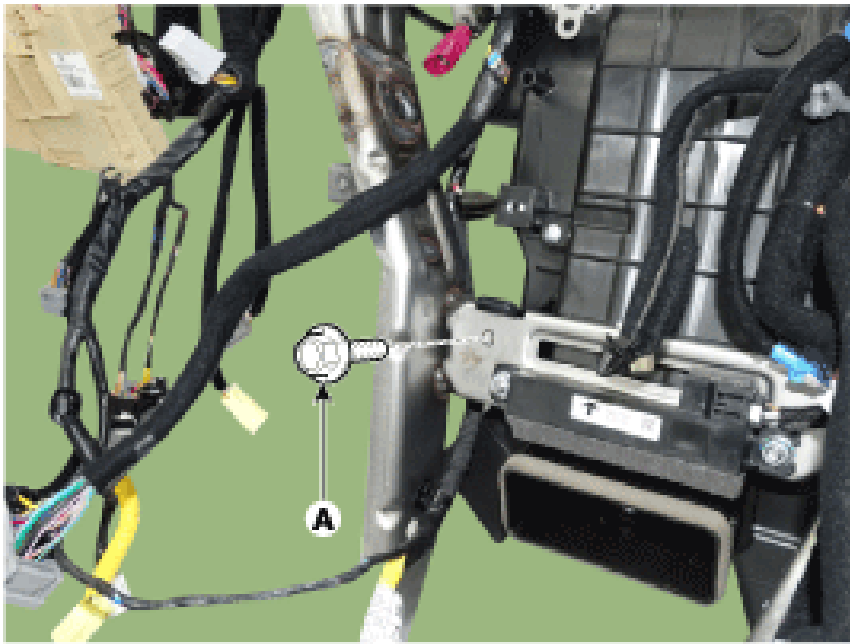
- Disconnect the blower motor connector (A) and remove the wiring mounting clips.



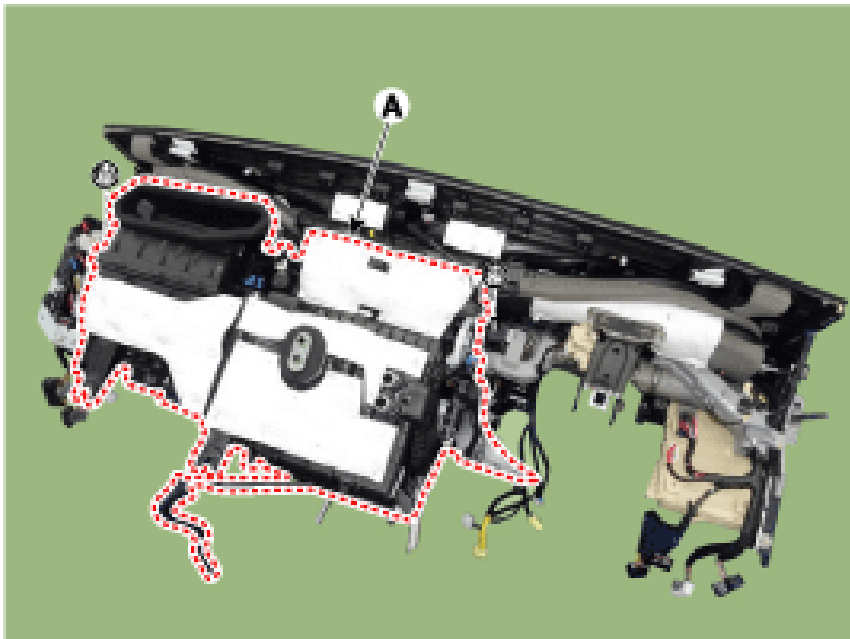
- Disconnect the passenger's side temperature control actuator (A), evaporator temperature sensor connector (B), power mosfet connector (C) and remove the wiring mounting clips.



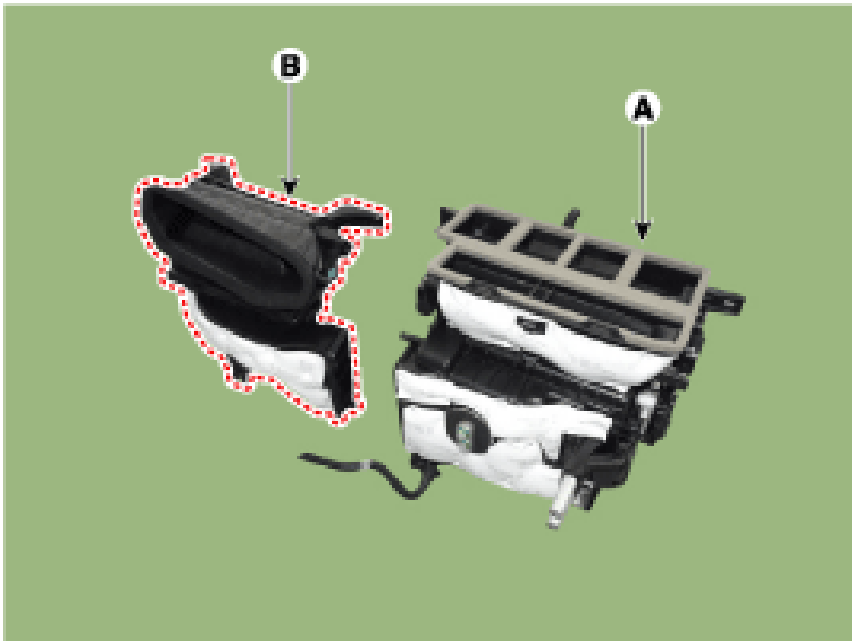
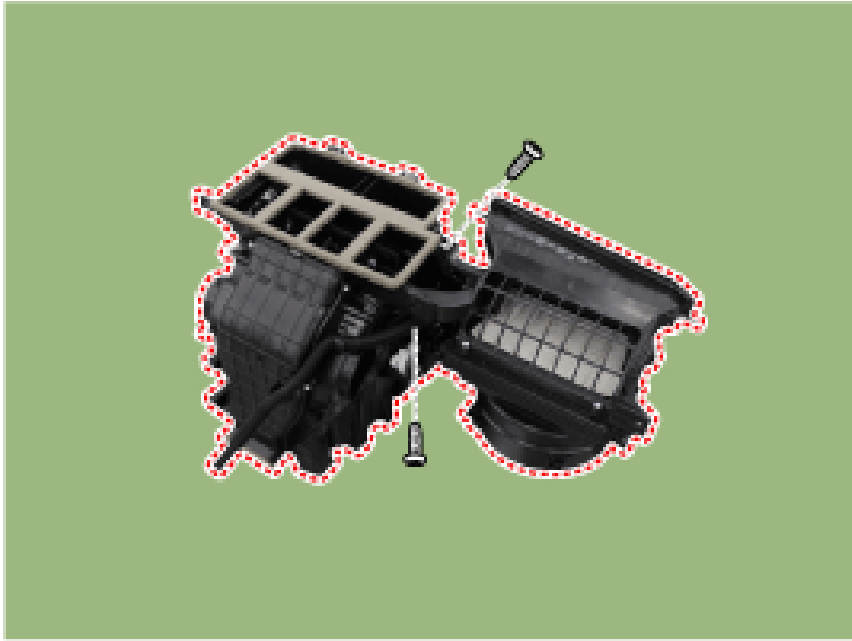
- Loosen the heater & blower unit mounting bolt (A).



- Remove the heater and blower unit (A) from the crash pad after loosening the mounting nuts. Tightening torque : 3.9 ~ 5.9 N.m (0.4 ~ 0.6 kgf.m, 2.9 ~ 4.3 lb-ft)



- Separate the blower unit (A) from the heater unit (B) after loosening the screws.



- To install, reverse the removal procedure.