

Component Procedures: Passenger Compartment Cross Beam

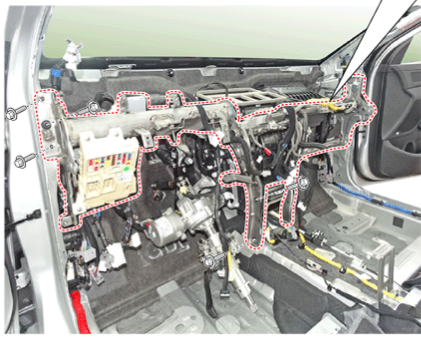
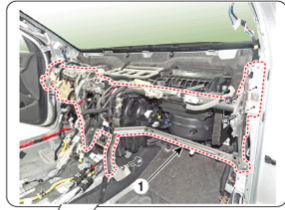
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Component Procedures: Passenger Compartment Cross Beam

Cowl Cross Bar Assembly - Components and Components Location (Article 45007)

- Component Location



1. Cowl cross bar assembly

Cowl Cross Bar Assembly - Repair Procedures (Article 45008)

- Replacement

Put on gloves to prevent hand injuries.



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When removing with a flat-tip screwdriver or remover, wrap protective tape around the tools to prevent damage to components. Use a plastic panel removal tool to remove interior trim pieces without marring the surface.

Take care not to bend or scratch the trim and panels.



Information

- When removing with a flat-tip screwdriver or remover, wrap protective tape around the tools to prevent damage to components.

- Use a plastic panel removal tool to remove interior trim pieces without marring the surface.

- Take care not to bend or scratch the trim and panels.

- Disconnect the negative (-) battery terminal.

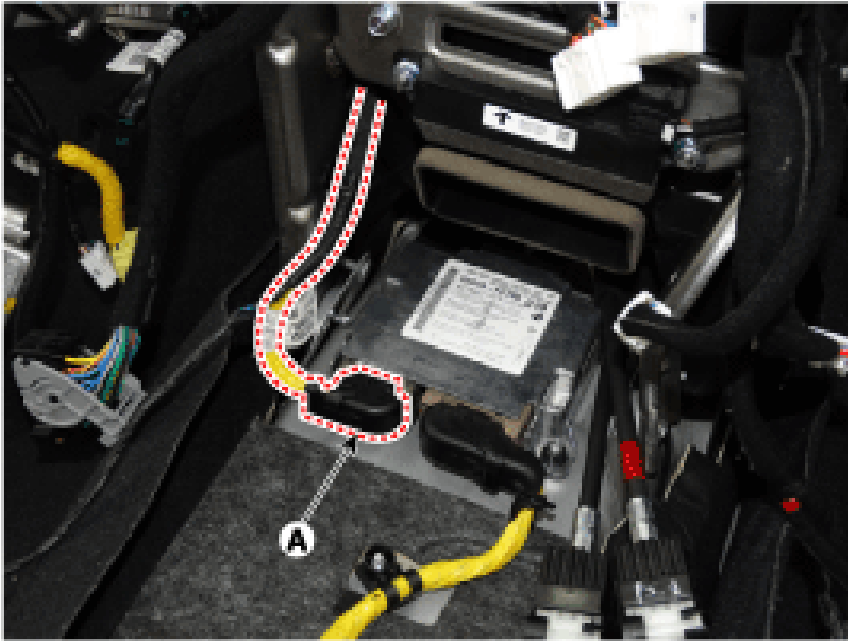
- Recover the refrigerant with a recovery/recycling/charging station.
- Remove the cowl top cover. (Refer to "Cowl Top Cover")
- Remove the main crash pad assembly. (Refer to Crash Pad - "Main Crash Pad Assembly")
- Disconnect the steering column connectors. (Refer to Steering System - "Steering Column and Shaft")
- Loosen the mounting nuts and through bolts in the frontal area and lower the steering column. (Refer to Steering System - "Steering Column and Shaft")
- Disconnect the expansion valve from the evaporator core. (Refer to Heating,Ventilation And Air Conditioning - "Heater Unit")
- Disconnect the inlet and outlet heater hoses from the heater unit. (Refer to Heating,Ventilation And Air Conditioning - "Heater Unit")
- Remove both sides of front seat assembly. (Refer to Front Seat - "Front Seat Assembly")
- Remove the shift lever assembly. (Refer to Manual Transaxle System - "Shift lever") (Refer to Automatic Transaxle System - "Shift lever")
- Loosen the cowl cross member mounting bolts.



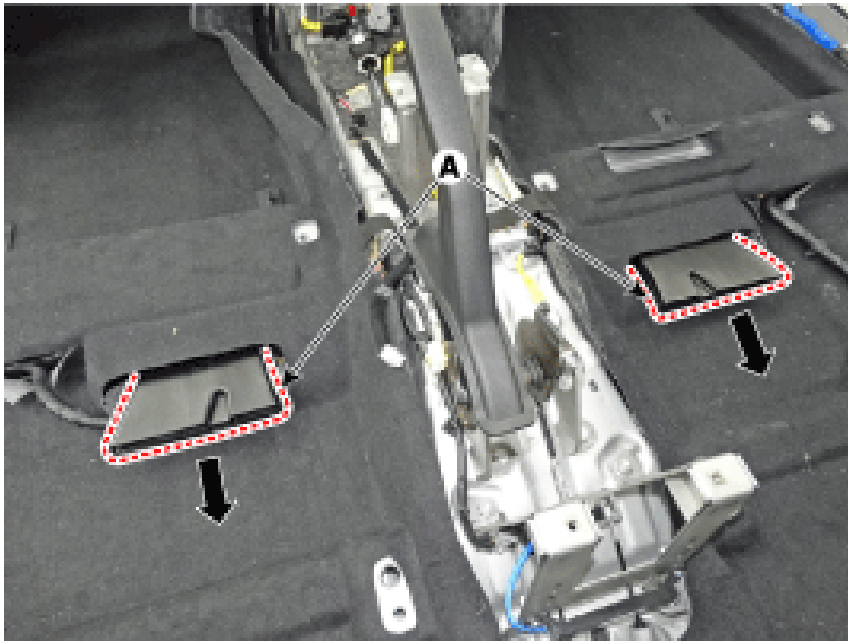
- Loosen the mounting nut and remove the center console duct (A).



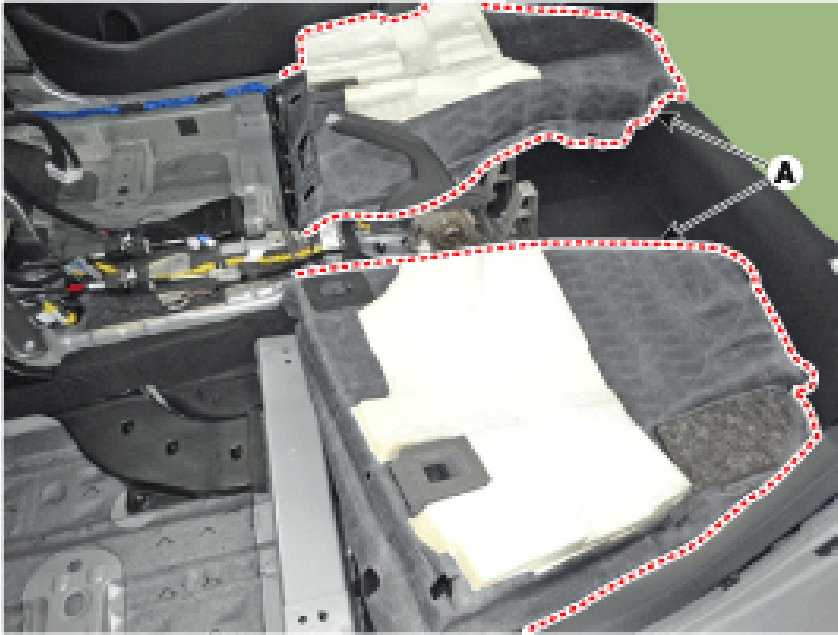
- Disconnect the airbag control module (SRSCM) connector (A).



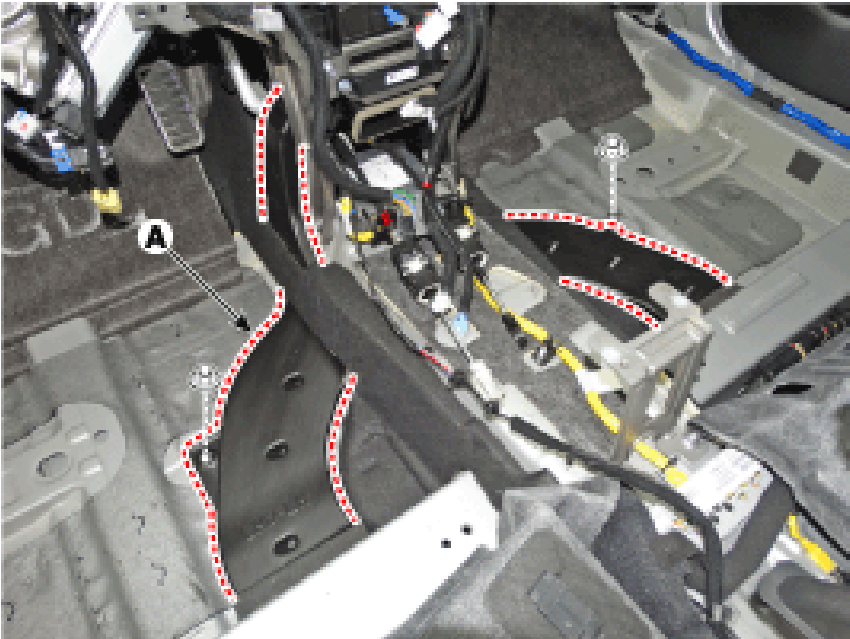
- Remove the rear air duct (A)



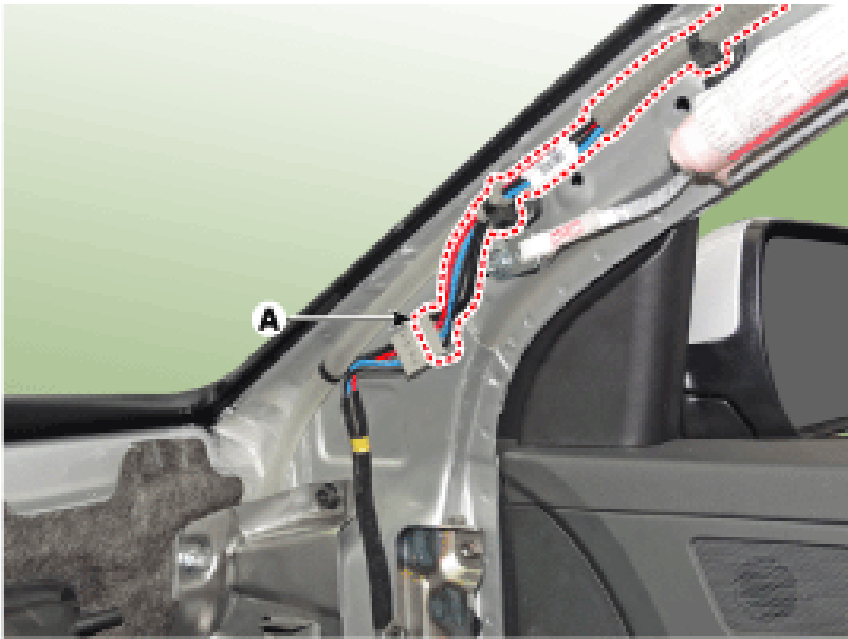
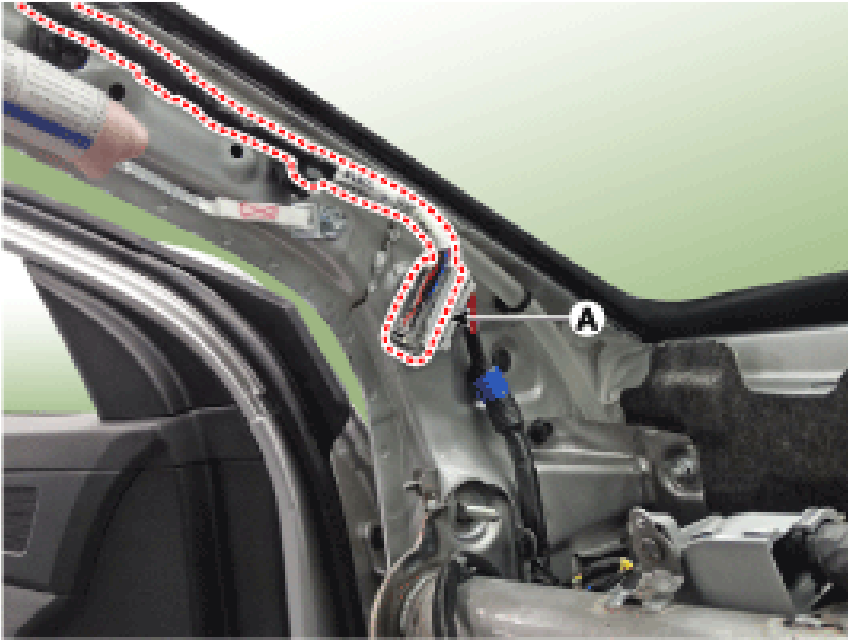
- Separate the floor carpet (A) to obtain space for removing the rear heating duct.



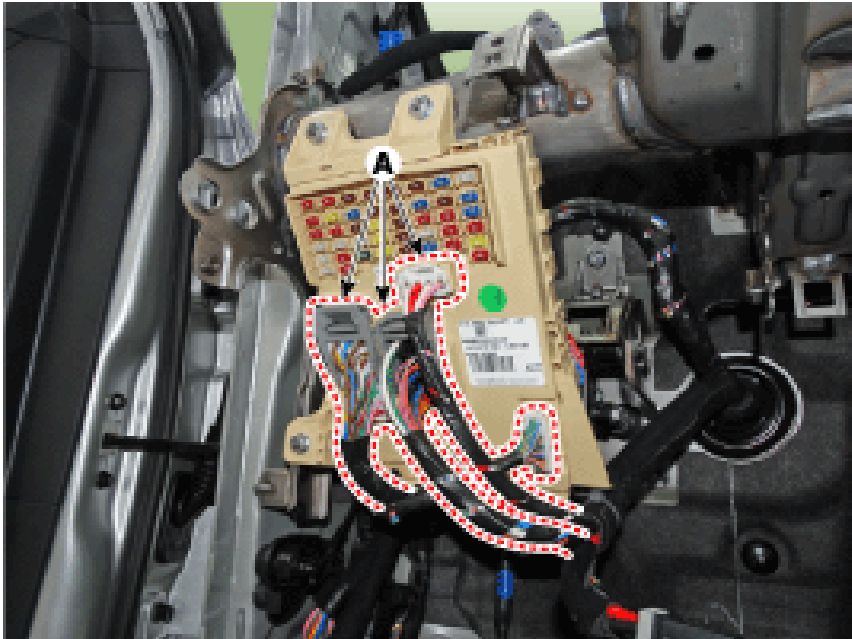
- Loosen the mounting nuts and remove the front air duct (A).



- Disconnect the connector (A) and the mounting wiring fasteners in the front pillar. [Driver's] [Passenger's]

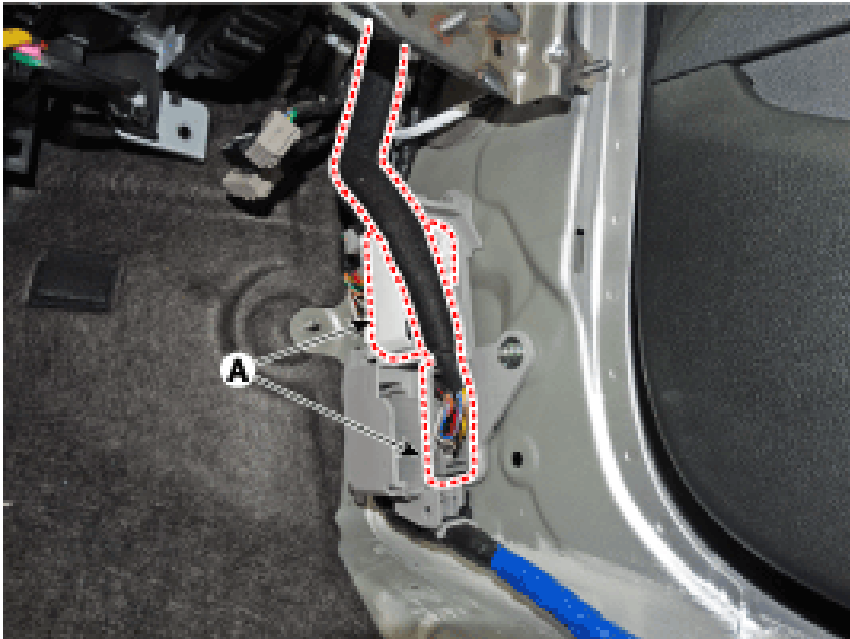


- Disconnect the passenger compartment junction box connectors (A).

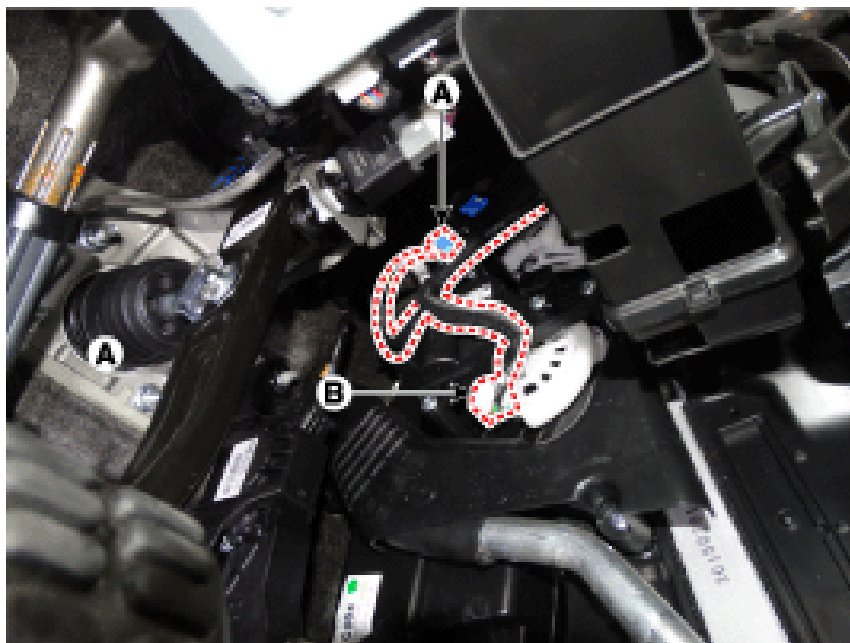


- Disconnect the multi box connectors (A). [Driver's] [Passenger's]

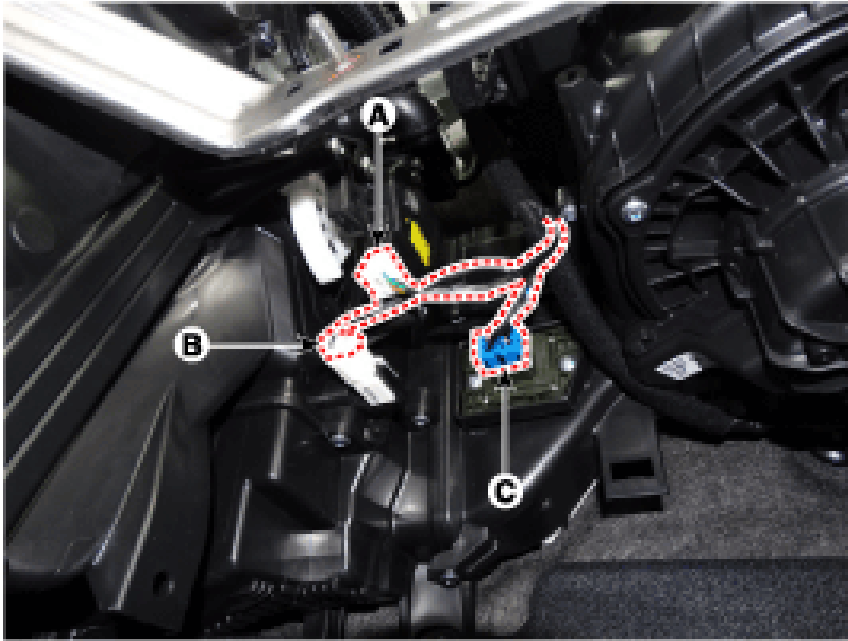




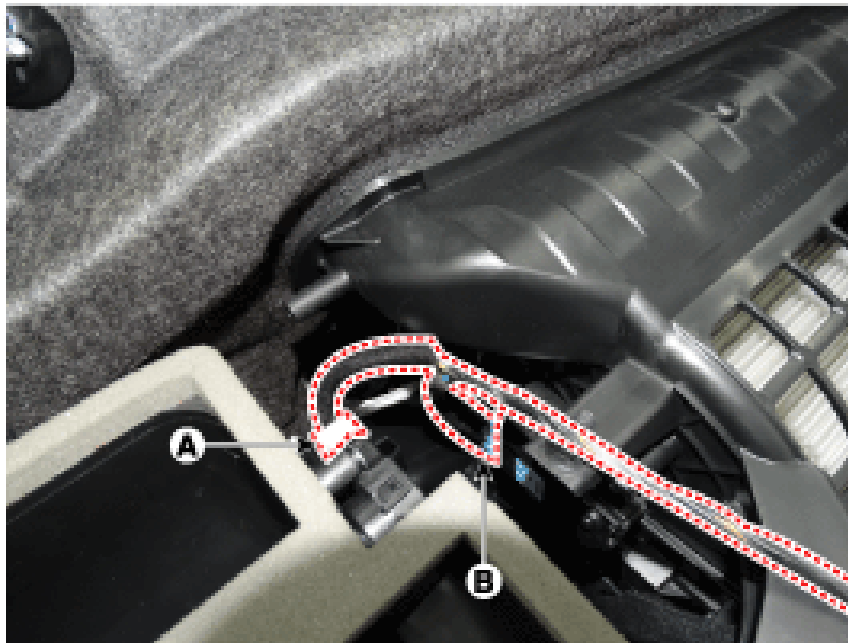
- Disconnect the heater and blower unit connector. [Driver's] Disconnect the mode actuator (A) and temperature actuator (B). [Passenger's] Disconnect the temperature actuator (A), evaporator temperature sensor (B) and power mosfet (C). Disconnect the auto defogging actuator (A) and intake actuator connector (B). Disconnect the blower motor connector (A).
- Disconnect the mode actuator (A) and temperature actuator (B).



- Disconnect the temperature actuator (A), evaporator temperature sensor (B) and power mosfet (C).



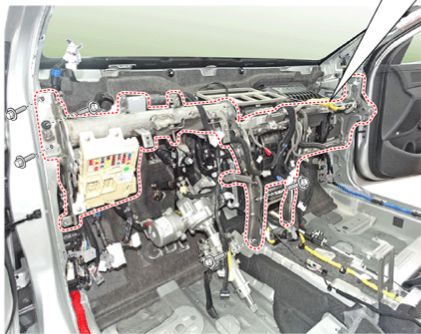
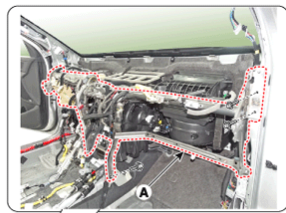
- Disconnect the auto defogging actuator (A) and intake actuator connector (B).



- Disconnect the blower motor connector (A).



- After loosening the bolts and nuts, remove the cowl cross bar assembly (A).



- To install, reverse the removal procedure. Make sure the crash pad fits onto the guide pins correctly. Before tightening the bolts, make sure the crash pad wire harnesses are not pinched. Make sure the connectors are plugged in properly, and the antenna lead is connected properly. Enter the anti-theft code for the radio, then enter the customer's radio station presets. Make sure that each of the assembly components operates properly. Replace any damaged clips (or pin-type retainers).

Make sure the crash pad fits onto the guide pins correctly. Before tightening the bolts, make sure the crash pad wire harnesses are not pinched. Make sure the connectors are plugged in properly, and the antenna lead is connected properly. Enter the anti-theft code for the radio, then enter the customer's radio station presets. Make sure that each of the assembly components operates properly. Replace any damaged clips (or pin-type retainers).

- Make sure the crash pad fits onto the guide pins correctly.
- Before tightening the bolts, make sure the crash pad wire harnesses are not pinched.
- Make sure the connectors are plugged in properly, and the antenna lead is connected properly.
- Enter the anti-theft code for the radio, then enter the customer's radio station presets.
- Make sure that each of the assembly components operates properly.
- Replace any damaged clips (or pin-type retainers).