



GROUP	MODEL
CLI	2021-2022MY K5 (DL3a)
NUMBER	DATE
056	August 2024

TECHNICAL SERVICE BULLETIN

HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) SUBJECT: BLOWER MOTOR FUSE RELOCATION (WTY037)

This bulletin provides information associated with the 'Warranty Extension Program' (WTY037) to inspect, and if necessary, relocate the Heating, Ventilation, and Air Conditioning (HVAC) blower motor 40-ampere fuse on certain 2021-2022MY K5 (DL3a) vehicles produced from March 27, 2020 through July 20, 2022. The HVAC system provides cooling and heating to help maintain a comfortable environment inside the vehicle. The blower motor provides primary airflow for the HVAC system. Extended use of the HVAC at high fan speeds may cause damage to the multi-fuse terminals for the HVAC blower motor circuit, which can cause the blower motor to become inoperative, resulting in reduced heat and air conditioning. The warranty coverage for repairs related to the HVAC blower motor have been extended from 5 years / 60,000 miles to 15 years / 180,000 miles, whichever comes first, starting from the date the vehicle was first put into service. Follow the procedure outlined in this publication to relocate the Heating, Ventilation, and Air Conditioning (HVAC) blower motor 40-ampere fuse to another circuit within the multi-fuse which has an increased terminal width on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



NOTICE

A Technical Service Bulletin is a field fix repair program without customer notification that may be performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

SUBJECT:

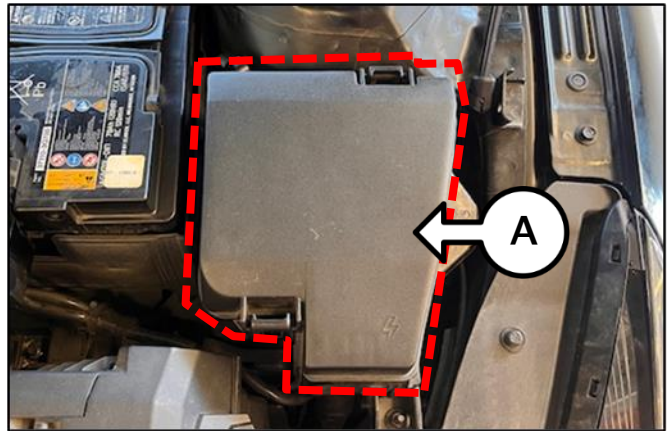
HEATING, VENTILATION, AND AIR CONDITIONING (HVAC) BLOWER FUSE RELOCATION (WTY037)

Inspection Procedure:

1. Confirm all HVAC fan speeds operate normally.
 - If all HVAC fan speeds operate normally, proceed to step 2.
 - If any of the HVAC fan speeds do **NOT** operate normally, proceed the 'Repair Procedure' on page 2.

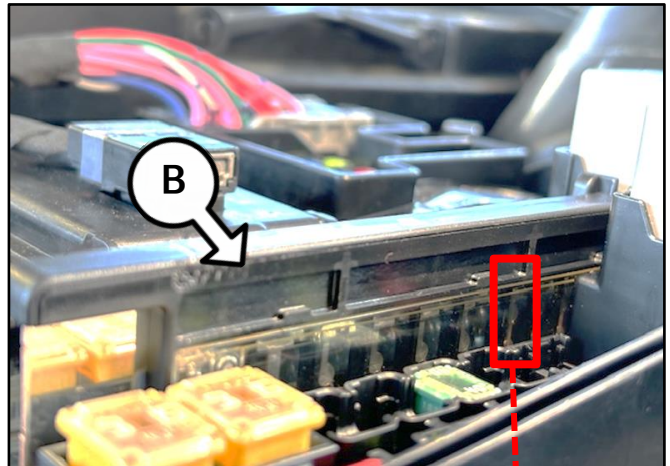


2. Release the two (2) locking tabs to remove the the junction box fuse cover (A).



3. Using a flashlight, visually inspect if the multi-fuse location #3 (B) is blown.

- If the multi-fuse location #3 (B) is **NOT** blown, no further action required.
Claim inspection only labor op.
- If the multi-fuse location #3 (B) **IS** blown, proceed to the 'Repair Procedure' on page 2.



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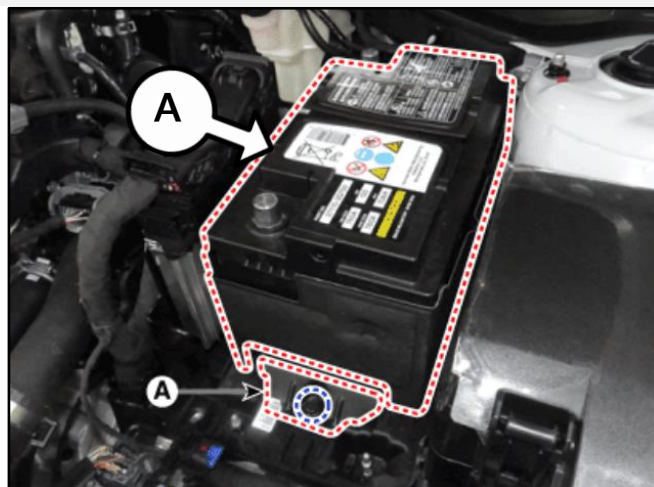
Repair Procedure:

1. Remove the battery (A) by referring to "Engine Electrical System → Charging System → Battery → Repair procedures" in the applicable Shop Manual on KGIS.

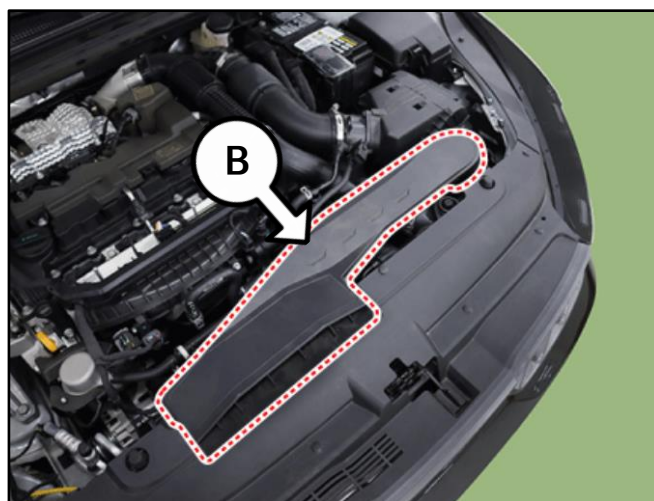


Tightening torque for negative (-) and positive (+) terminals:
7.2 - 8.7 lb.ft (9.8 - 11.8 N.m)

Tightening torque for battery bracket:
6.5 - 10.1 lb.ft (8.8 - 13.7 N.m)



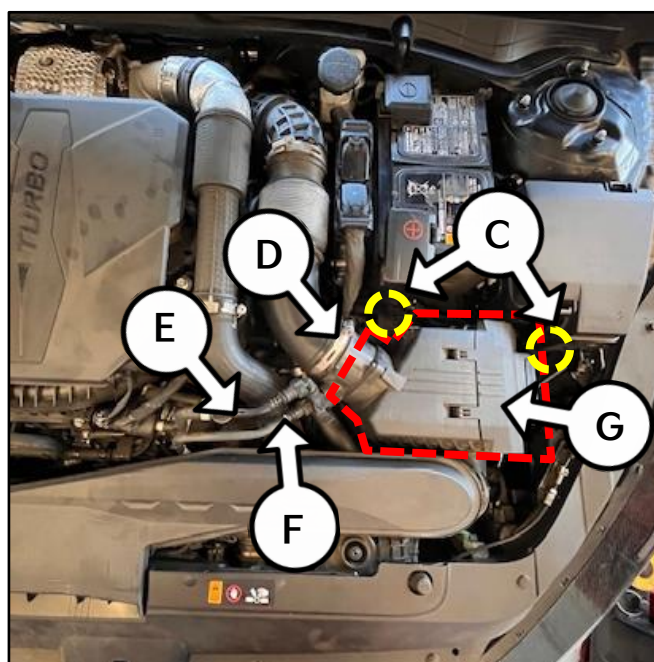
2. Remove the air duct (B).



- 3a. Loosen the two (2) bolts (C).
- 3b. Loosen the band clamp (D).
- 3c. Disconnect the vacuum hose (E).
- 3d. Disconnect the ejector (F).
- 3e. Remove the air cleaner assembly (G).



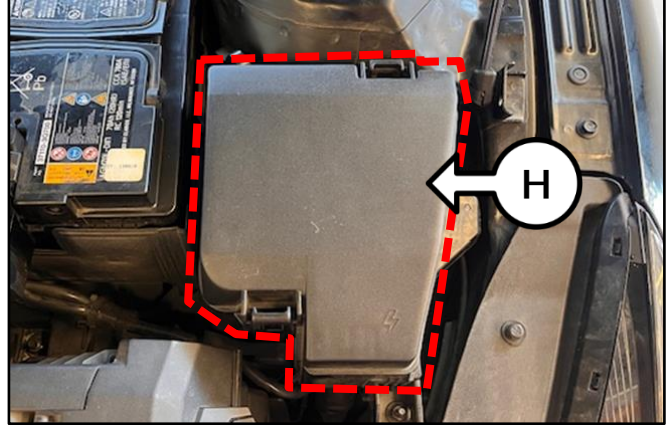
Tightening torque for screws:
5.8 - 7.2 lb.ft (7.8 - 9.8 N.m)



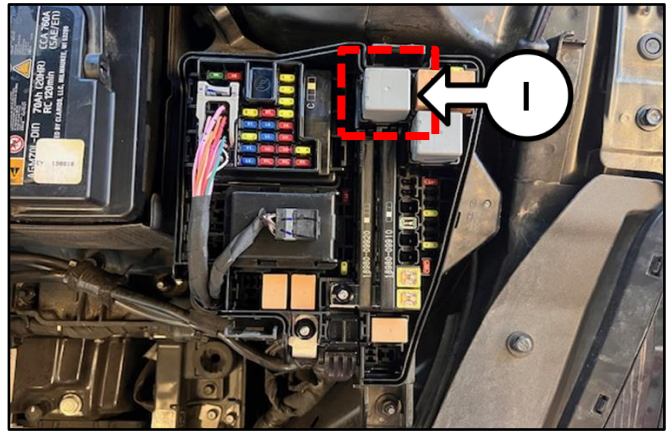
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4. Release the two (2) locking tabs to remove the junction box fuse cover (H).



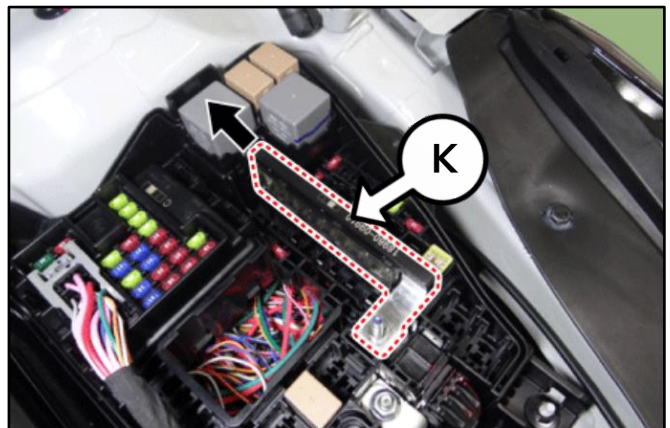
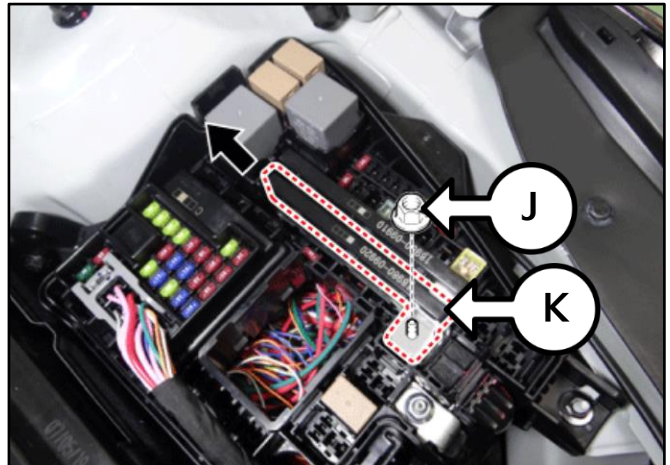
5. Remove the blower motor relay (I).



6. Loosen the 10mm retaining multi-fuse nut (J) and remove the two (2) multi-fuses (K) by releasing the hook.



Tightening torque for retaining nut (D):
7.2 - 8.7 lb.ft (9.8 - 11.8 N.m)



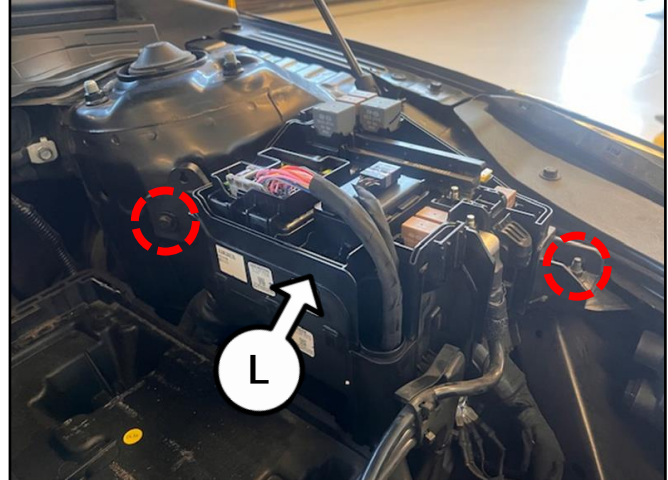
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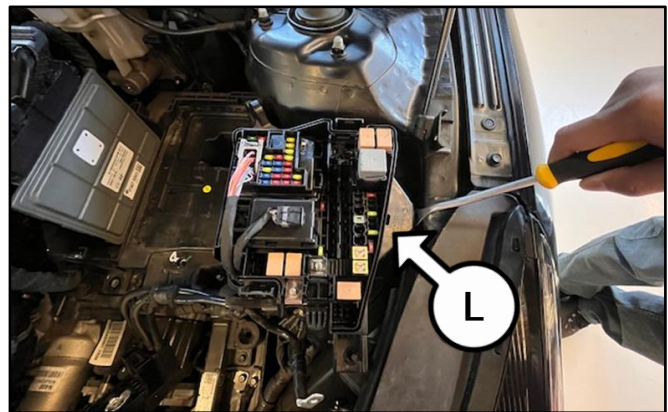
- Loosen the junction box assembly (L) bolt and nut.



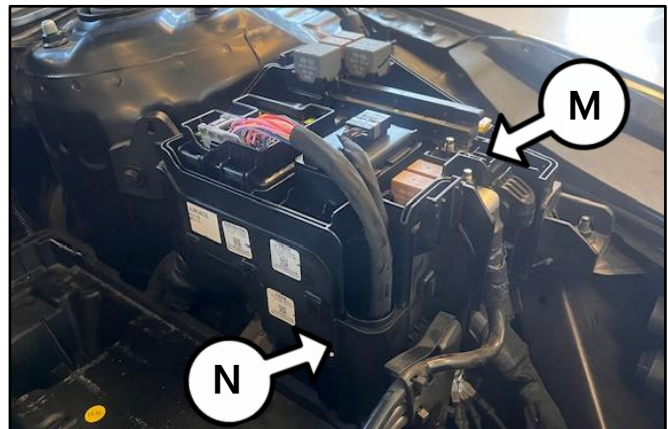
Tightening torque for bolts:
5.8 - 7.2 lb.ft (7.8 - 9.8 N.m)



- Using a clip removal tool, disengage/detach the junction box assembly (L) clip.

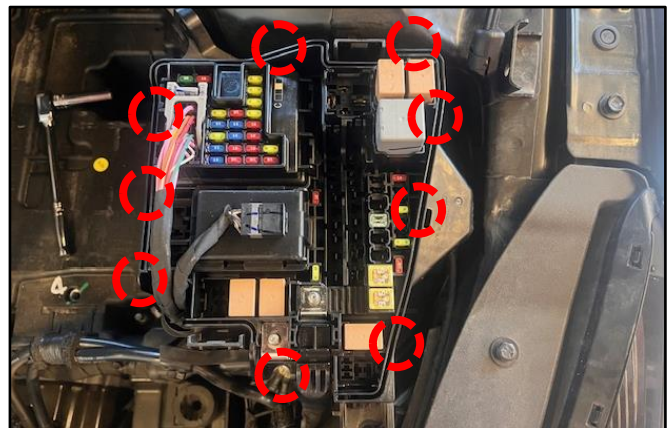


- Detach the nine (9) locking tabs to separate top (M) and bottom (N) halves of the junction box.



NOTICE

If the locking tabs break during separation, the top (M) and bottom (N) halves can still be properly reattached.

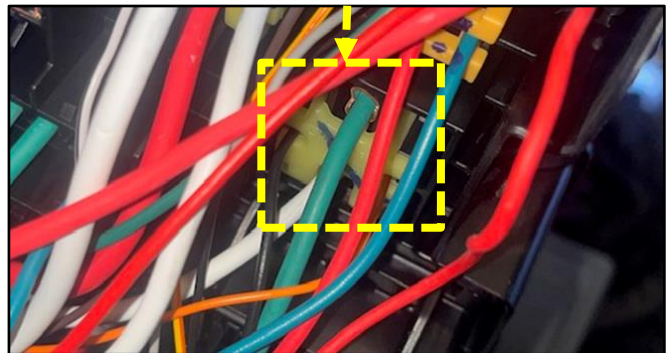
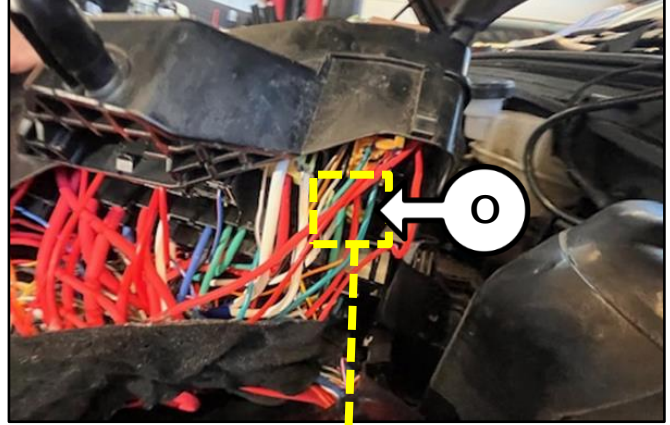


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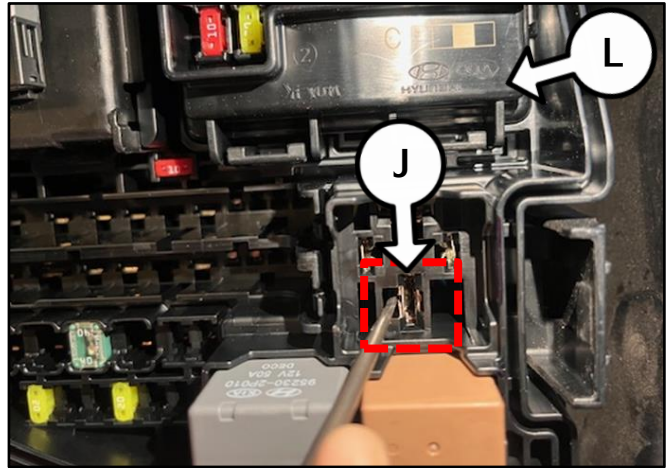
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- Using a pick/awl, detach the four (4) clips to remove the blower motor connector lock (O).

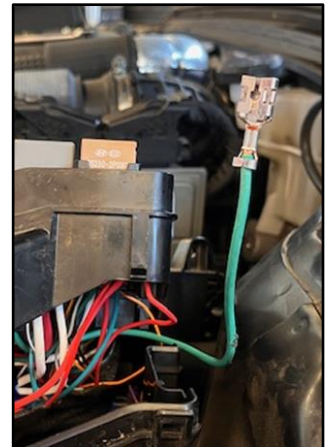
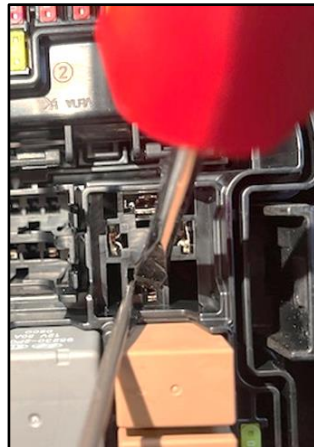
Note: If any of the connector lock (O) tabs break, replace with the new one provided.



- Using a pick/awl, detach the wiring pin (J) release tab from the blower motor relay position on the junction block (L).



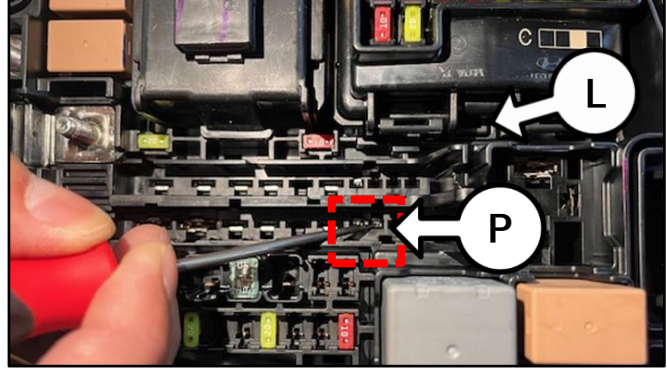
- While the wiring pin (J) release tab is detached, use a flathead screwdriver and press the wiring pin down to remove it from the top half (M) of the junction block (L).



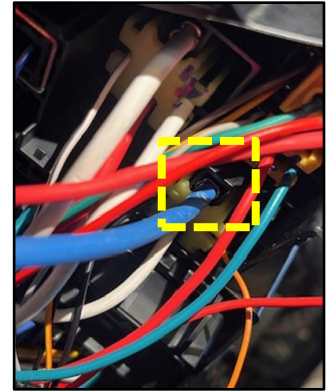
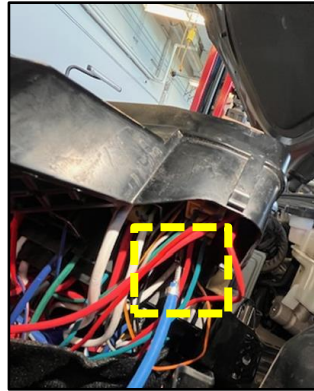
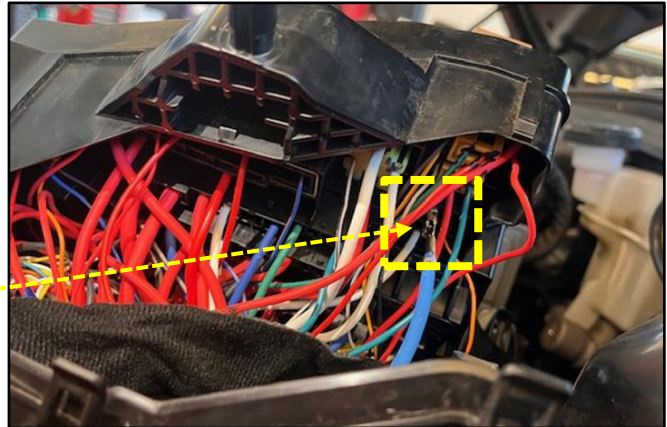
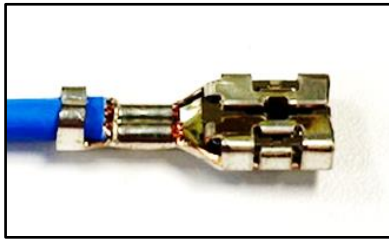
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13. Using a pick/awl, disengage the wiring pin (P) release tab from the multi-fuse (K) #3 position on the junction block (L).

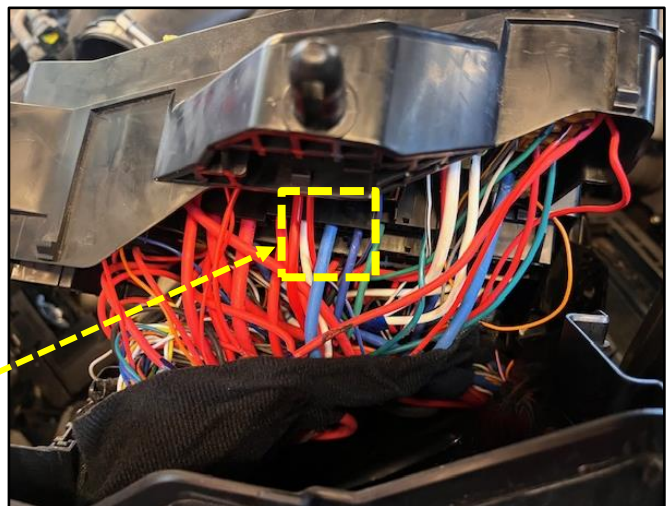
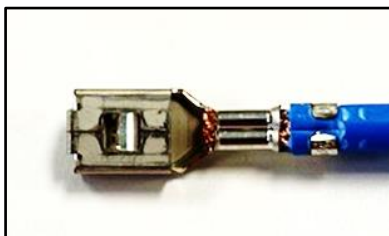


14. Install one end of the new wire in the blower motor relay (I) position on the junction block (L), as shown.



15. Insert the other end of the new wire in the multi-fuse (K) #6 position on the junction block (L), as shown.

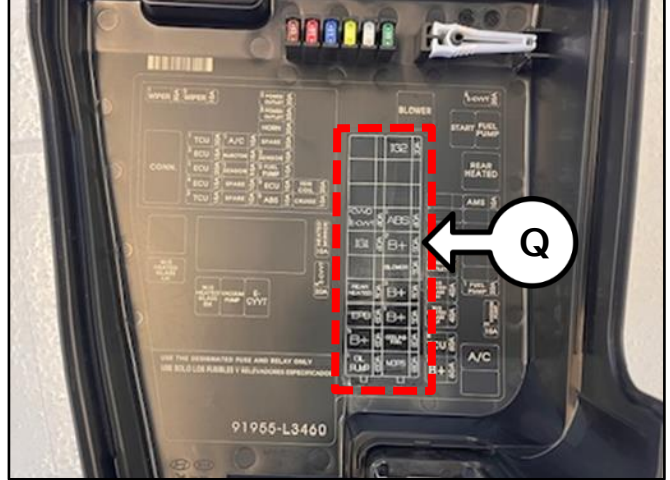
Note: Ensure that the new wire is secured behind the fabric tape, as shown.



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16. Install new junction box fuse cover label (Q) on the junction box fuse cover (H).



17. Reinstall all removed parts in reverse order of removal.
18. Confirm normal vehicle operation.

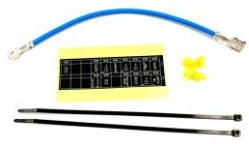
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AFFECTED VEHICLE RANGE:

Model	Production Date Range
K5 (DL3a)	March 27, 2020 to July 20, 2022

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Wire Repair Kit	91200 L3000QQK		1

Note: The replacement part numbers will require a VIN entry for parts ordering. **DO NOT** order these parts for stocking purposes, related to this TSB. Supply is very limited. Until supply stabilizes, please confirm part availability before scheduling customers. Please be sure to expedite warranty claim filing.

WARRANTY INFORMATION:

N Code: I11 C Code: ZZ3

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	18980 09910	0	Inspection Only	242A2310	0.2 M/H	N/A	0
			HVAC Blower Motor Fuse Relocation	242A23R0	0.7 M/H	91200 L3000QQK	1

Note: Refer to [Warranty Extension 2406](#) for claim submission procedures.

