



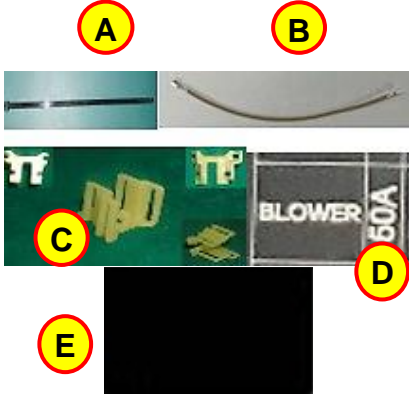
|   |                                       |  |
|---|---------------------------------------|--|
|  <b>HYUNDAI</b><br><b>Technical Service Bulletin</b> | GROUP<br><b>ENGINE<br/>ELECTRICAL</b> | NUMBER<br><b>25-EE-002H</b>              |
|   | DATE<br><b>APRIL 2025</b>             | MODEL(S)<br><b>SONATA<br/>(DN8/DN8A)</b> |
| <b>SUBJECT:</b> MULTI-FUSE REPLACEMENT & BLOWER WIRING REPAIR   |                                       |  |

**Description:** Certain Sonata (DN8) and Sonata (DN8A) vehicles may experience issues with the air conditioning due to damaged wiring in the engine room junction box. This bulletin provides instructions to replace the multi-fuse, reroute the damaged wiring using the blower wiring kit, and replace the fuse label.

**Applicable Vehicles:**

- 2021-2023MY Sonata (DN8) produced from 02/08/2021 - 09/15/2022 (VIN starts with 'KMH')
- 2020-2022MY Sonata (DN8A) produced from 10/22/2019 - 02/17/2022 (VIN starts with '5NP')

**Parts Information:**

| Model                    | Part Name            | Part Number    | Figure   | Remarks                                    |
|--------------------------|----------------------|----------------|--|--|
| Sonata<br>(DN8/<br>DN8A) | Multi-fuse           | 18980-09910FFF |   | Qty: 1                                     |
|                          | Blower<br>Wiring Kit | 91200-L1000FFF |  | A. Band cable<br>(qty: 2)                  |
|                          |                      |                |  | B. Wiring terminal                         |
|                          |                      |                |  | C. Retainer<br>(relay unit)<br>RBL04-02465 |
|                          |                      |                |  | D. Fuse label 50A                          |
|                          |                      |                |  | E. Blank fuse<br>label                     |

**SUBJECT:****MULTI-FUSE REPLACEMENT & BLOWER WIRING REPAIR****Required Equipment/Supplies:**

| Name            | Equipment/Supply # | Figure   | Remarks              |
|-----------------|--------------------|--|----------------------|
| Insulating Tape | N/A                |  | Standard shop supply |

**Warranty Information:**

| Model             | Op. Code | Operation                                     | Op. Time | Causal Part | Nature Code | Cause Code |
|-------------------|----------|---|----------|-------------|-------------|------------|
| Sonata (DN8/DN8A) | 91200F06 | Multi-Fuse Replacement & Blower Wiring Repair | 0.7 M/H  | 91215-L1020 | I41         | ZZ3        |

**NOTE 1:** Normal warranty applies.

**NOTE 2:** Submit claim on Claim Entry Screen as “Warranty” type.

**NOTE 3:** Take a picture of the warrantable defect. Op times include VIN, Mileage, and Repair validation photo(s) as outlined in the Digital Documentation Policy.

**NOTE 4:** The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the part is not returned.**

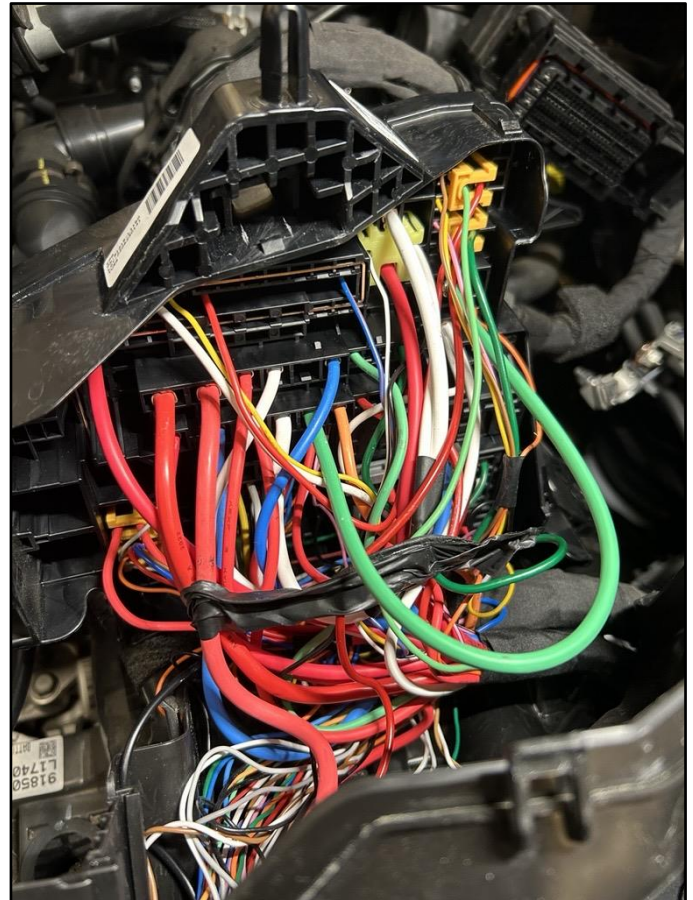
**NOTE 5:** If a part is found in need of replacement while performing this TSB and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

## Service Procedure:

**DIGITAL DOCUMENTATION**

This TSB includes Repair justification photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

1. Verify if the blower fuse and terminals are discolored.
  - If either the blower fuse and/or terminals are discolored, then proceed with the service procedure.
  - If the blower fuse and terminals are **NOT** discolored then this TSB does **NOT** apply. Continue with a normal diagnosis.

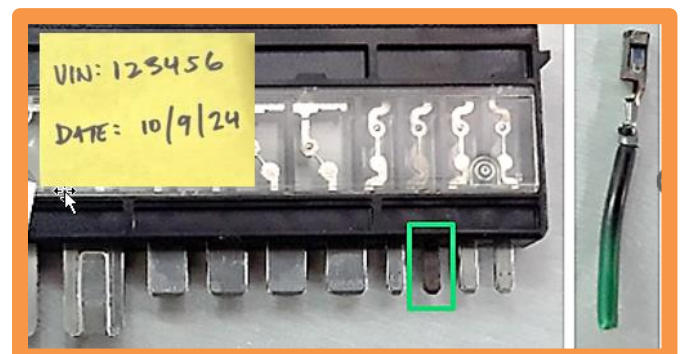


2.

**DIGITAL DOCUMENTATION**

Using STUI, take a photo of the discolored blower fuse and/or terminals with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



3. To remove the air duct and air cleaner assembly, refer to the shop manual:

- **Engine Mechanical System > Intake and Exhaust System > Air Cleaner > Repair procedures**

To remove the battery and battery tray, refer to the shop manual:

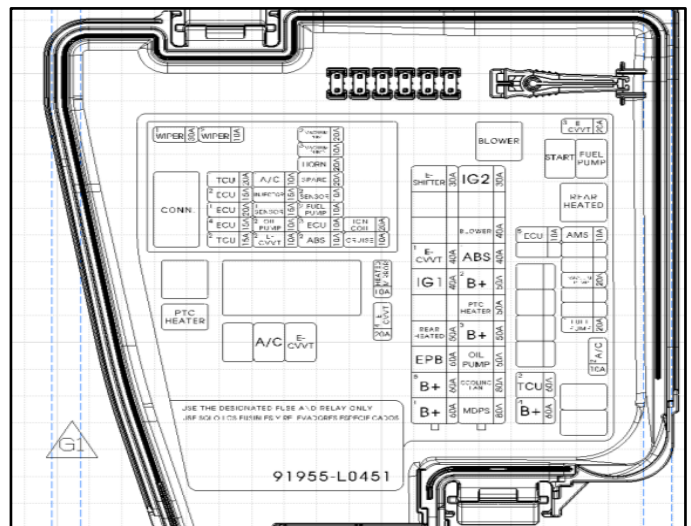
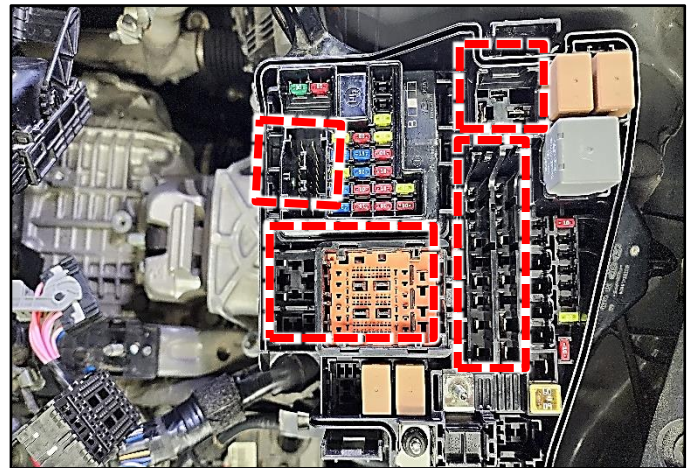
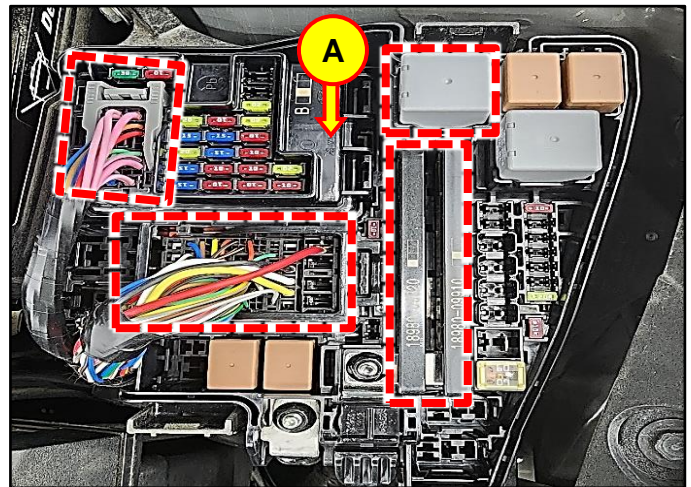
- **Engine Electrical System > Charging System > Battery > Repair procedures**

Remove the following parts:

- engine room junction box connector
- terminals
- 2 multi-fuse
- band cable (A)

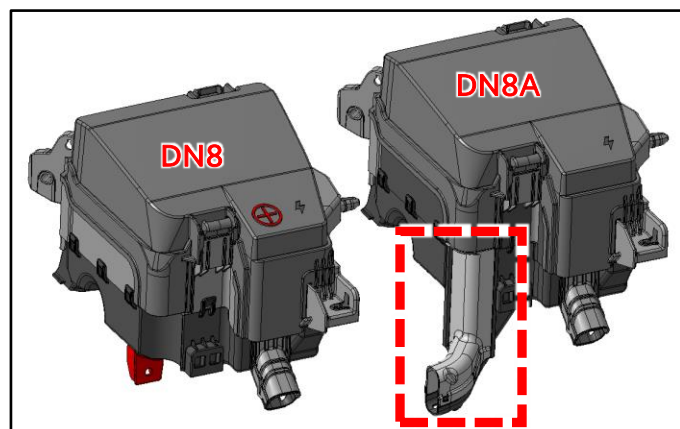
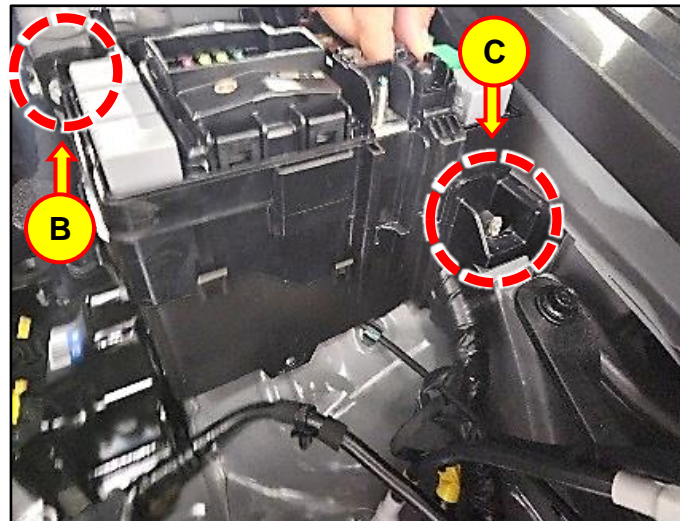
### **i** Information

Modified fuses (18980-09910) are replaced with new ones, while reused fuses (18980-09920) remain in place.

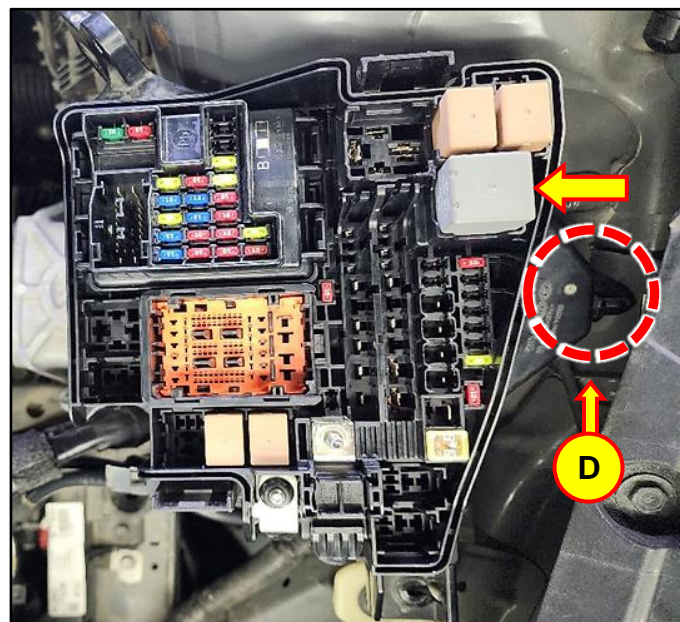




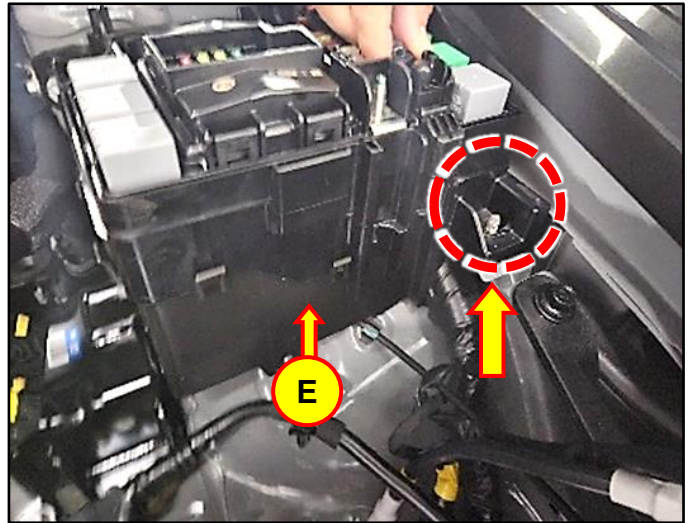
4. Remove the mounting bolt (B) and nut (C) of the junction box.



5. Use the remover tool to remove the junction box (D).

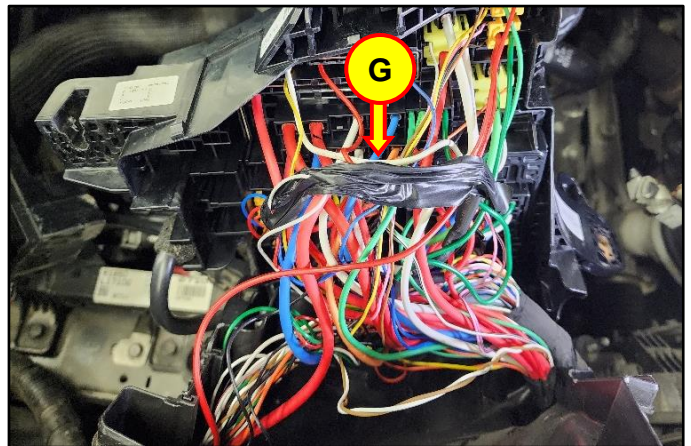


6. Lift up and remove the junction box (E).



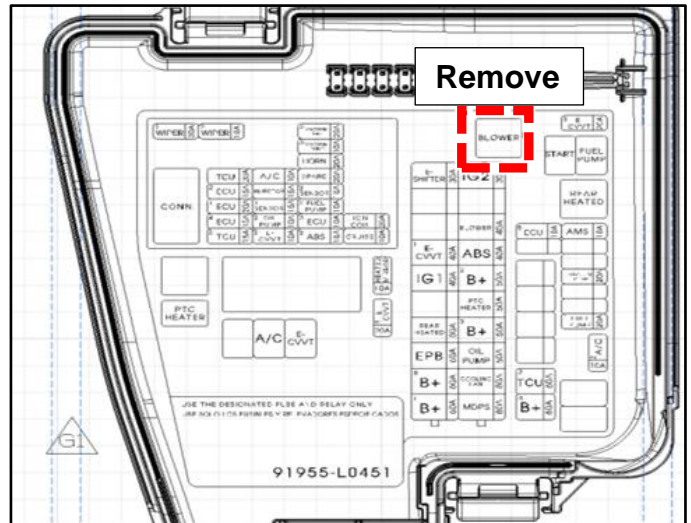
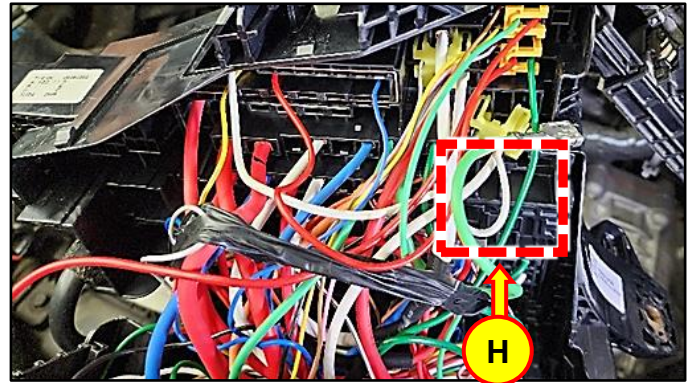
7. Cut two band cables (F) and remove the insulating tape (G).

Remove the back cover of the junction box.

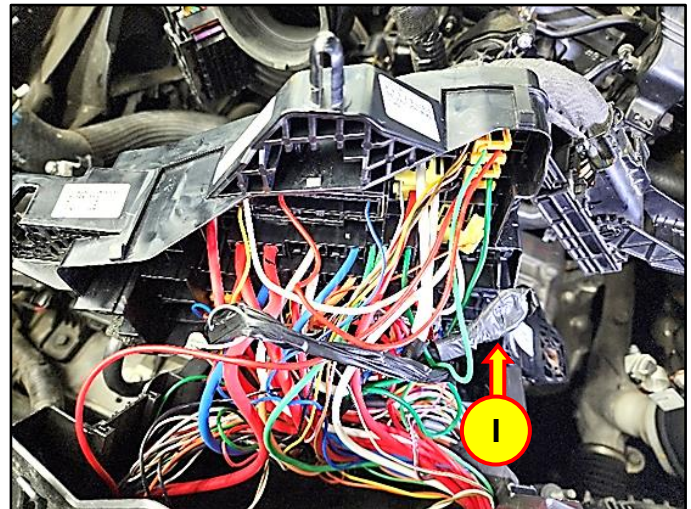




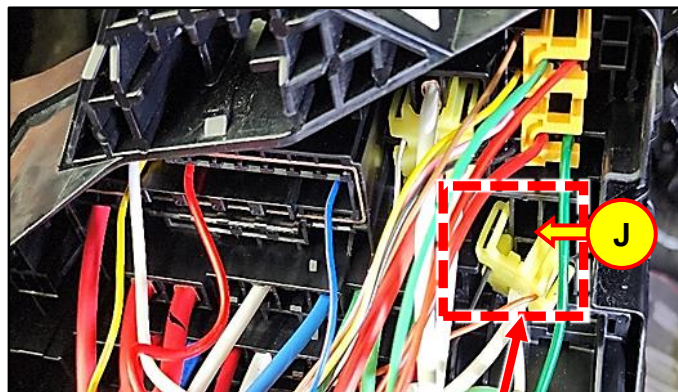
8. Remove terminal 13 (H) from the blower motor relay (female terminal, 4 pins).



9. Cut the wiring from the removed terminal and wrap the remaining harness securely using insulating tape (I).



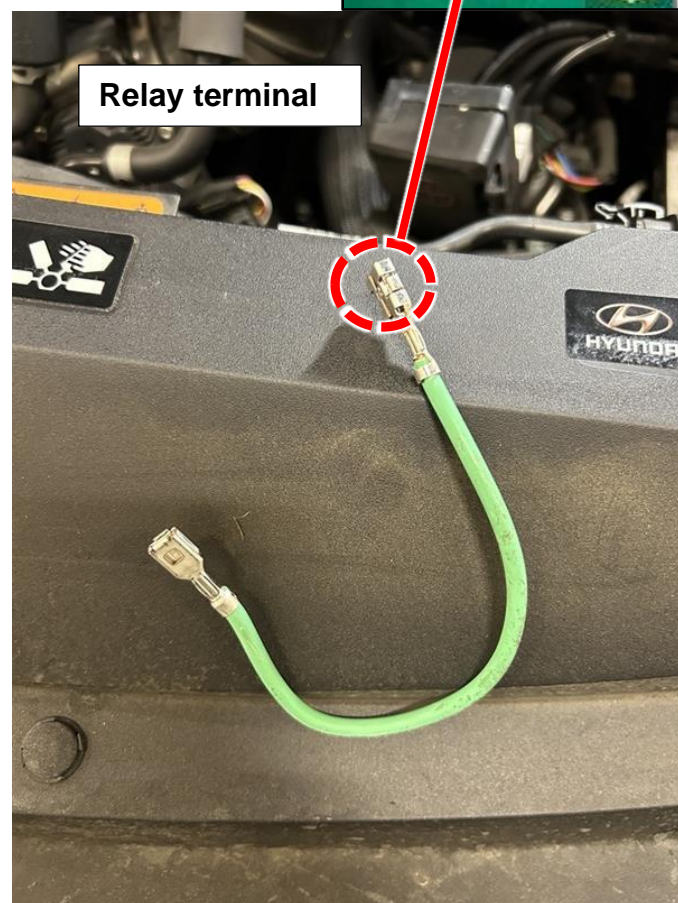
10. Install the supplied wiring terminal from the kit into the connector (J).



Relay terminal

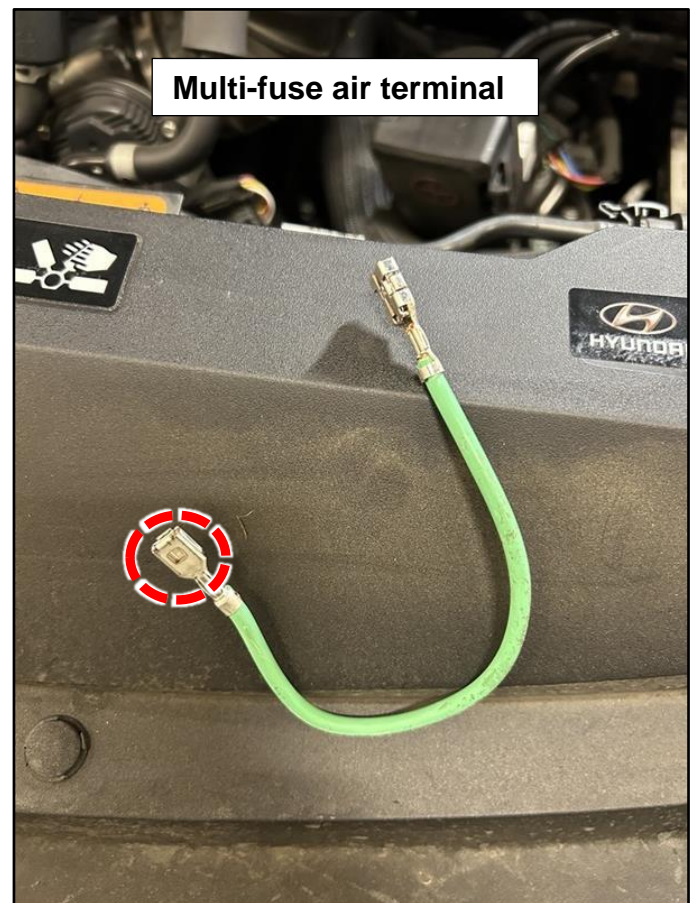
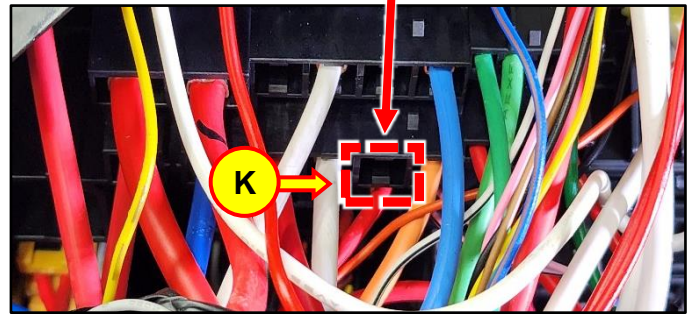
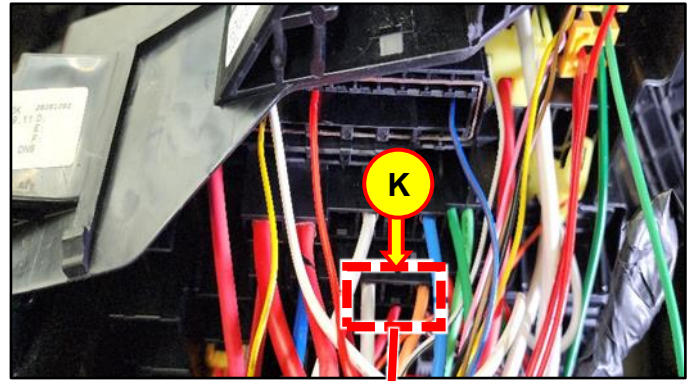


Relay terminal

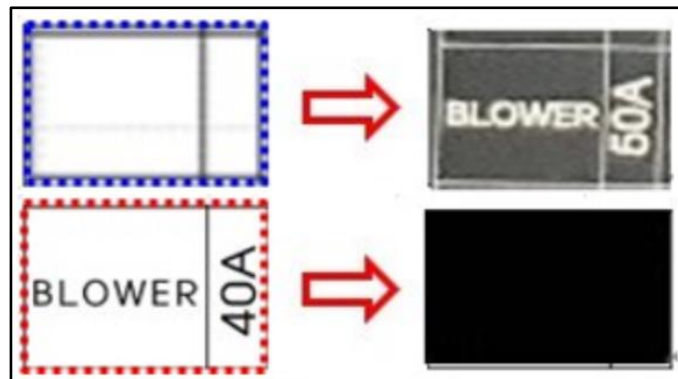




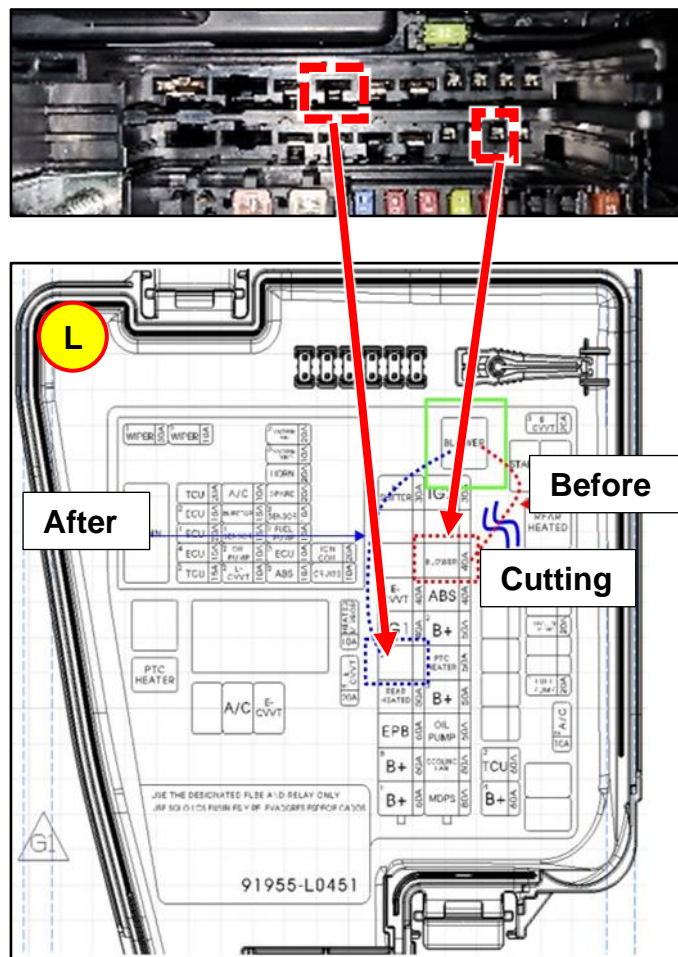
11. Install the multi-fuse air terminal with the other side of the supplied wire terminal, ensuring proper installation between the white and orange wires (K).



12. Place the Blank label over the existing 40A label in the red dotted area below in step 13. Place the 50A label in the blue dotted area below in step 13. (currently no label) below in step 13.



13. Reinstall parts in the reverse order of the removal. Current routing before cutting and re-routing after cutting (L).



14. Confirm air conditioning is working.
15. The service procedure is now complete.