

 **HYUNDAI**
Technical Service Bulletin

GROUP RECALL	NUMBER 24-01-063H-2
DATE OCTOBER 2024	MODEL(S) SANTA FE (MX5A) SANTA FE HYBRID (MX5A HEV)

SUBJECT: FLOOR WIRING HARNESS INSPECTION, HARNESS SECUREMENT, AND HARNESS REPLACEMENT (RECALL 265)

This TSB supersedes 24-01-063H-1 to add detailed steps for floor harness replacement on pages 5-12.

*** IMPORTANT**

Vehicle repairs related to safety recalls are critically important and must be performed properly in accordance with TSB procedures. Review this bulletin in its entirety prior to beginning any repair work.

As required by federal law, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo, and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the “Vehicle Information” screen via WebDCS to identify open recalls.

Description: The main floor wire harness used in certain Santa Fe (MX5A) and Santa Fe Hybrid (MX5A HEV) could become damaged due to contact with the passenger-side, second-row bench seat’s folding hinge assembly. A damaged main floor wire harness could result in illumination of the air bag warning light, inadvertent air bag deployment, and/or an inability to deploy the air bags during a crash, increasing the risk of injury to occupants.

Follow the procedures in this TSB to inspect the floor harness for damage, and if damage is found, replace the floor harness and secure in place. If no damage is found, the floor harness must be secured properly in place.





Applicable Vehicles (Certain):

- 2024MY Santa Fe (MX5A) produced from 12/28/2023–7/18/2024
- 2024MY Santa Fe Hybrid (MX5A HEV) produced from 3/6/2024–7/23/2024

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

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Parts Information:

Model	Part Name	Part Number	Figure	Remarks
Santa Fe (MX5A)	CABLE TIE	N/A		Qty: 2 per vehicle Dealer to source locally.
Santa Fe Hybrid (MX5A HEV)	FLOOR WIRING ASSY	91500-*****		Qty: 1 per vehicle (ONLY if damaged)

NOTE: If wiring damage is found, order specific part number per the vehicle's VIN using the Web Parts Catalog.

Warranty Information:

Model	Op. Code	Operation	OP Time	Casual	Nature	Cause
Santa Fe Hybrid (MX5A HEV)	41D130R8	Second Row Seat (LH/RH) Floor Wiring Inspection and Cable Tie Application	0.3 M/H	91500-HB020	181	ZZ3
	41D130R9	Second Row Seat (LH/RH) Floor Wiring Assembly Replacement and Floor Wiring Cable Tie Application	5.6 M/H			
Santa Fe (MX5A)	41D130RA	Second Row Seat (LH/RH) Floor Wiring Inspection & Cable Tie Application	0.3 M/H	91500-R6521		
	41D130RB	Second Row Seat (LH/RH) Floor Wiring Assembly Replacement and Floor Wiring Cable Tie Application	5.6 M/H			

NOTE 1: Submit claim on Claim Entry Screen as "Campaign" type.

NOTE 2: If a part is found in need of replacement while performing this recall 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.

NOTE 3: This TSB includes Repair validation photos. 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: All op codes will reimburse dealer \$.20 in sublet for use of two (2) cable ties.

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Service Procedure:

i Information

Refer to the QR code or link below for guided video information:

[Recall 265 Repair Procedure](#)



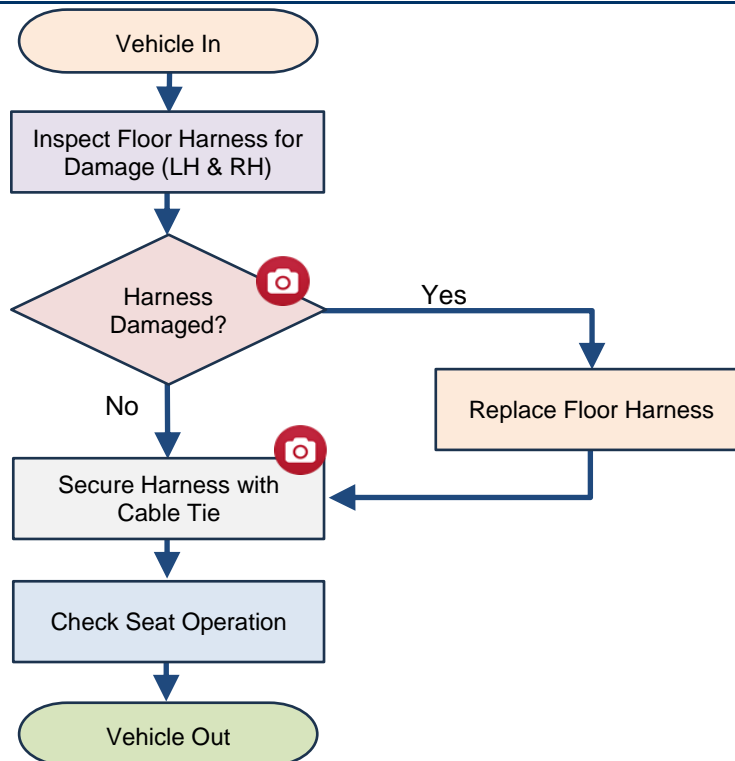
STUI



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

Service Procedure Flowchart:

 = STUI picture



i Information

This procedure applies **only** to vehicles designed for 7 passengers, it does **NOT** apply to 6-passenger models.

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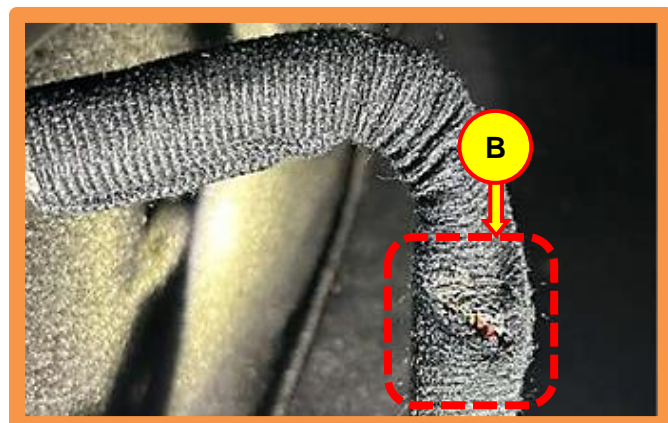
1. Slide front seats forward before starting procedure.

Slide second row seats forward as shown in figure (A) to get better view of the floor wiring harness.



2. Inspect the floor harness wiring under the seat for signs of damage. Please note that exposed wiring qualifies as damage here.

- If wiring is **not damaged**, proceed to **Section B - Securing RH (Passenger Side) Second Row Seat Floor Wiring Cable** and **Section C - Securing LH (Driver Side) Second Row Seat Floor Wiring Cable** on **pages 13-14** to secure the floor wiring with a zip tie.
- If wiring is **damaged** as shown (B), take a STUI photo of the damaged harness then proceed to the next **section A** for replacing the floor wiring assembly and securing second row seat harness.



STUI



Take a picture of the damaged wiring harness alongside a piece of paper with the last 6 digits of the VIN and the date of repair on a piece of paper. Upload the photo to STUI.

i **Information**

Once you have taken a picture of the damaged harness and uploaded to STUI, place an order for the specific part number listed in the Web Parts Catalog for the harness.

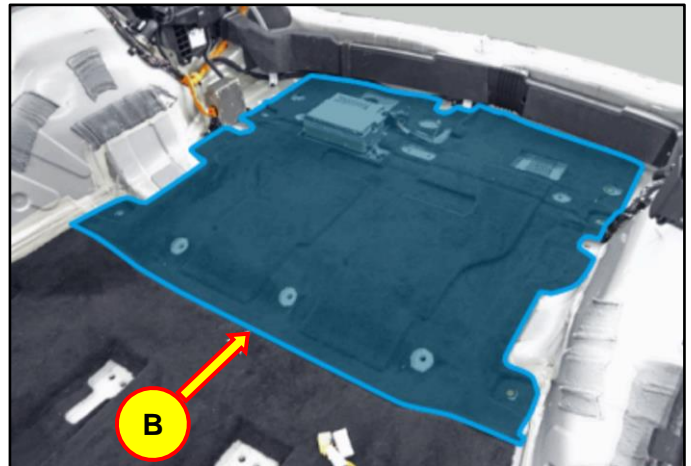
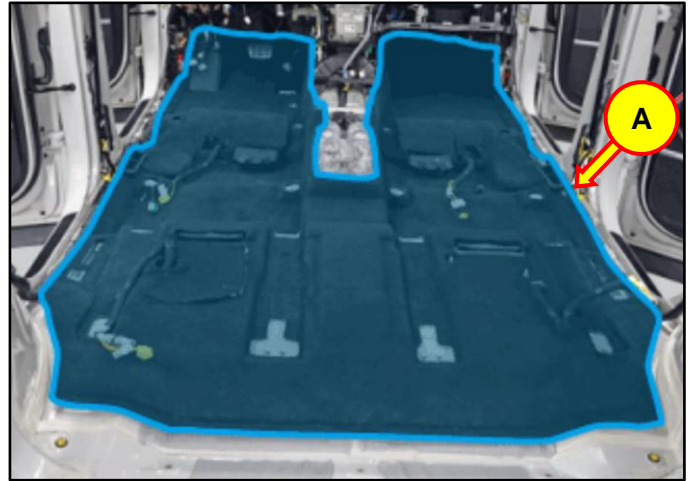
Please ensure you provide the VIN when ordering the harness. HMA will review the STUI picture of the damaged harness and allocate the order based on its review.

Please ensure the photo of the damaged harness is uploaded to STUI prior to placing a part order. No photos provided or photos loaded after replacement are subject to cancellation.

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A. Replacing Floor Wiring Assembly

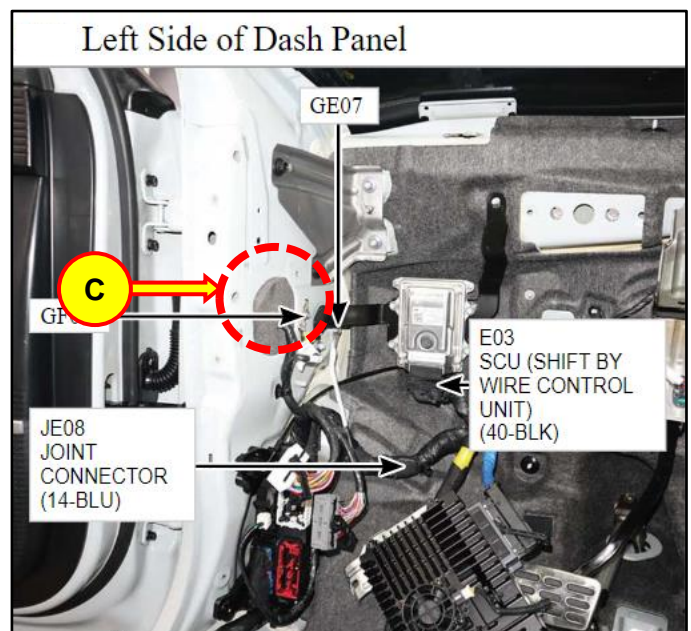
1. Disconnect the battery (-) terminal.
2. To remove the floor carpet assembly (A, B), refer to the shop manual:
 - **Body (Interior / Exterior / Electrical) > Interior Trim > Floor Carpet Assembly > Removal and Installation**



3. To remove the crash pad center panel, refer to Shop Manual:
 - **Body (Interior / Exterior / Electrical) > Crash Pad > Crash Pad Center Panel > Removal and Installation**

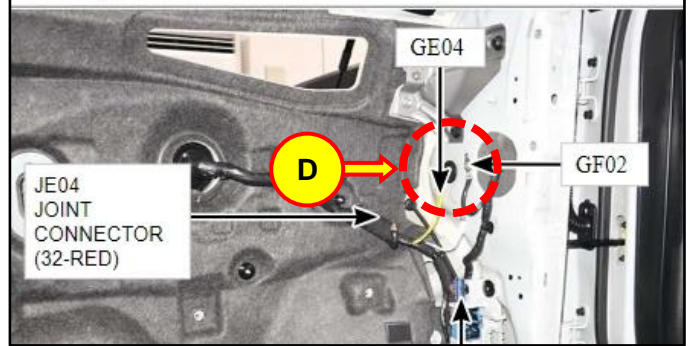
i Information

Removal of glove box and crash pad lower panels allows access to the LH/RH connectors (C) and (D) attaching to the door harness.

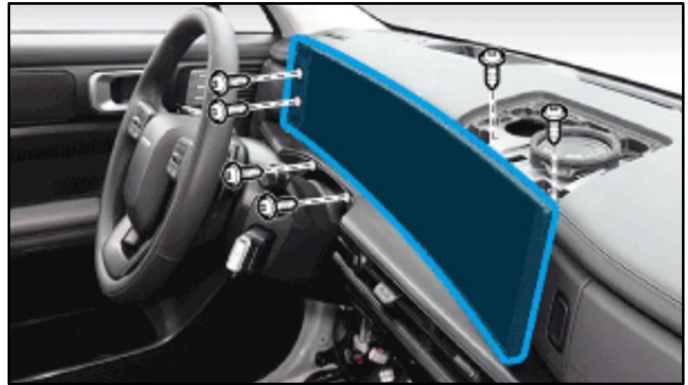


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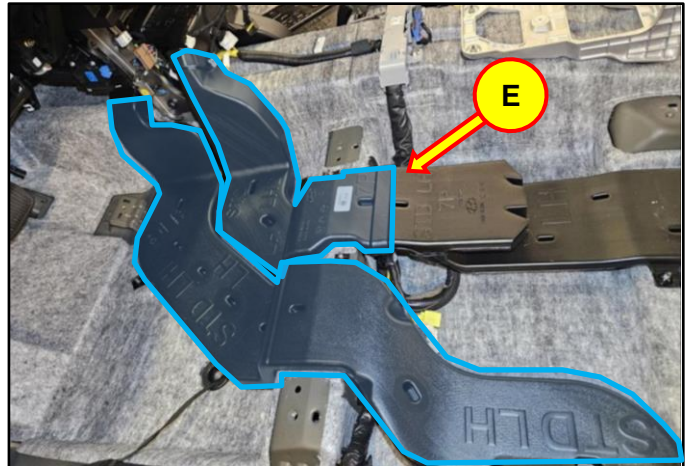
Right Side of Dash Panel



4. To remove integrated monitor, refer to the shop manual:
 - **Body (Interior / Exterior / Electrical) > Infotainment System > Integrated Monitor > Removal**

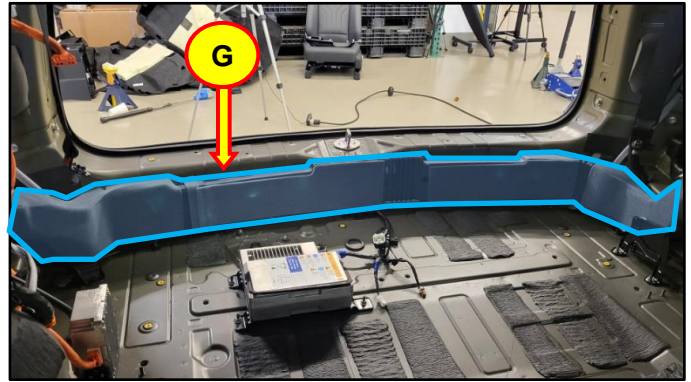


5. Remove the LH/RH front heating ducts (E) and (F) to access the harness underneath.



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6. Remove the rear air conditioner duct (G).

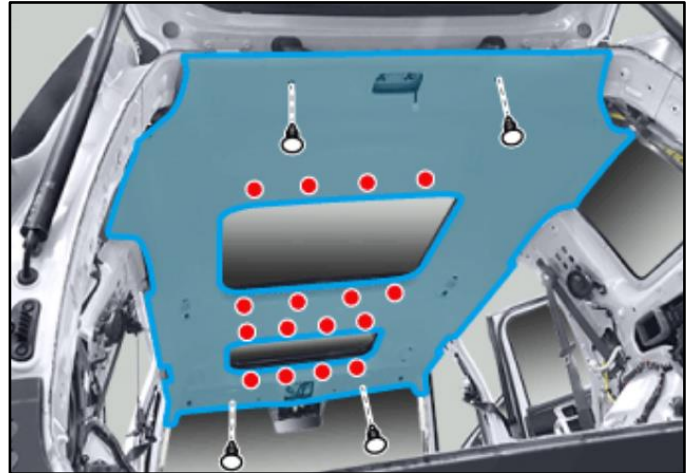


7. To remove roof trim assembly, refer to the shop manual:

- **Body (Interior / Exterior / Electrical) > Roof Trim > Roof Trim Assembly > Removal and Installation**

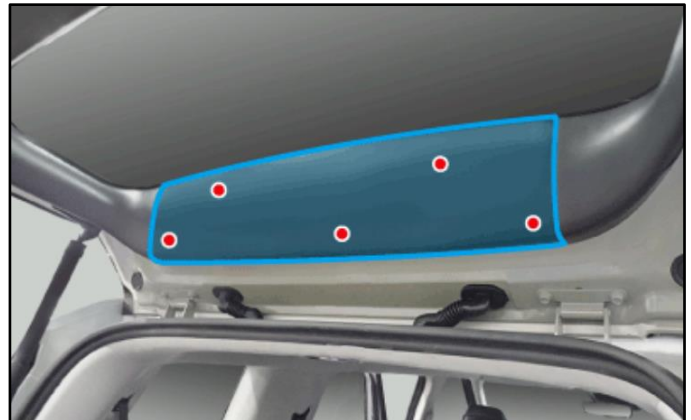
i **Information**

Removal of roof liner is to get access to LH/RH Curtain Airbag (CAB) connectors.



8. To remove the tailgate trim, refer to Shop Manual:

- **Body (Interior / Exterior / Electrical) > Tailgate > Tailgate Trim > Removal and Installation**



9. Continue with removal of the floor wiring harness.

i **Information**

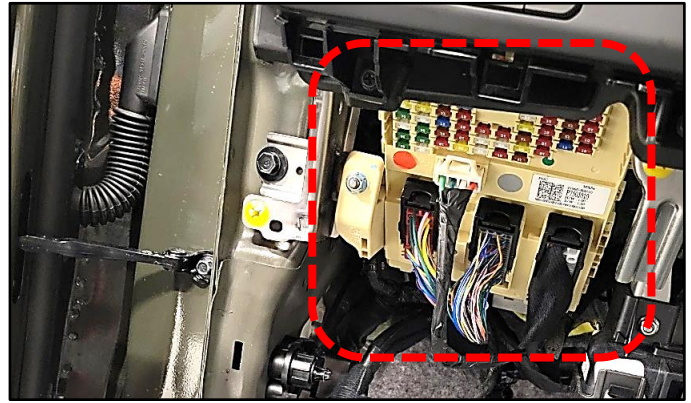
Below steps provide guidance for locating some connectors routed to the exterior of the vehicle.

Location of connectors are shown in a counter-clockwise direction from the front driver's kick panel location.

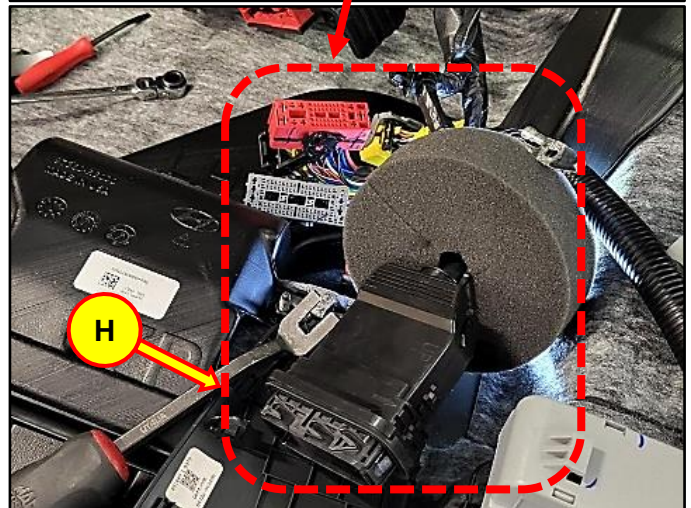
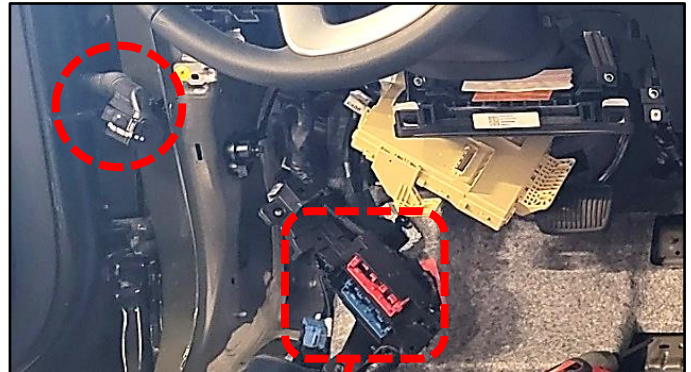
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10. To remove and disconnect the power-net domain controller (PDC) connectors, refer to the shop manual:

- **Body (Interior / Exterior / Electrical) > Security & Vehicle Ignition System > Power-net Domain Controller > Removal**



11. Disconnect and remove the driver's front door main wiring main connector (H).

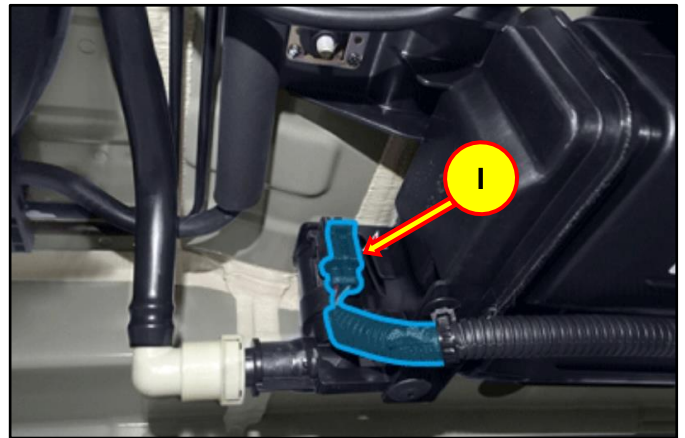


12. Disconnect canister close valve (CCV) connector (I) from underneath the body of the vehicle.

Refer to the shop manual:

- **Emission Control System > Evaporative Emission Control System > Canister > Removal**

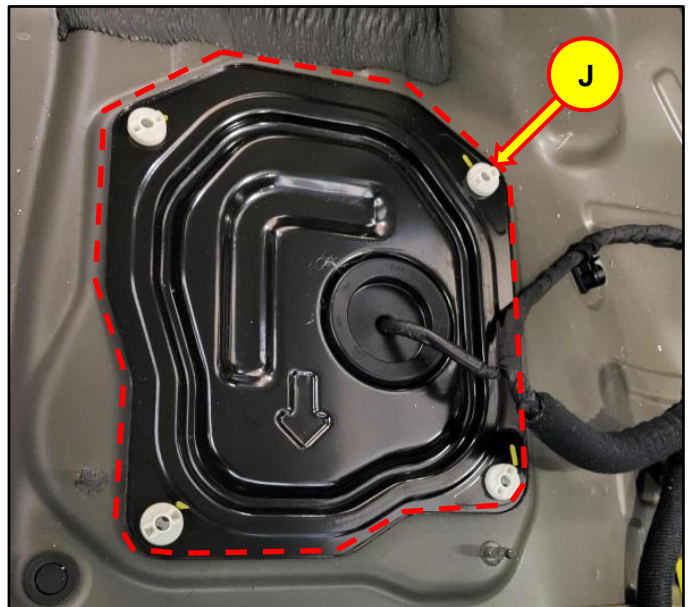




13. Remove fuel pump service cover (J) to remove connector.

Refer to the shop manual:

- **Engine Control / Fuel System > Fuel Delivery System > Fuel Pump > Removal and Installation**



14. Remove LH and RH rear wheels and wheel guards to access exterior connections.

Refer to the shop manual:

- **Body (Interior / Exterior / Electrical) > Body Side Molding > Wheel Guard > Removal and Installation**



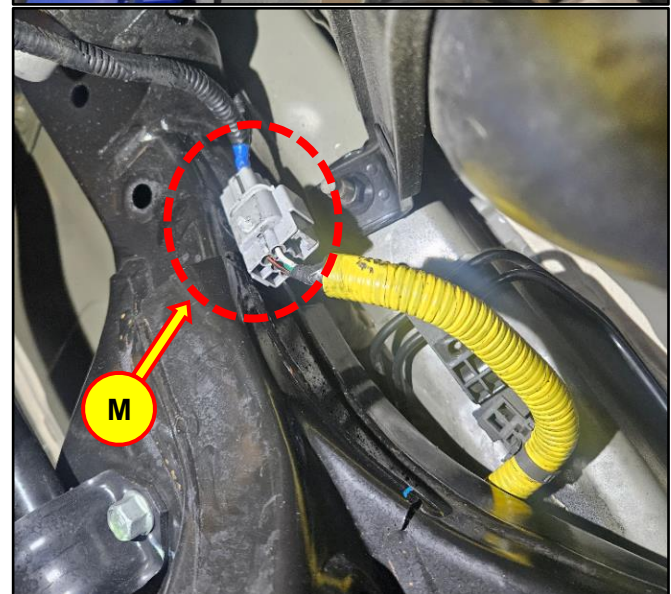
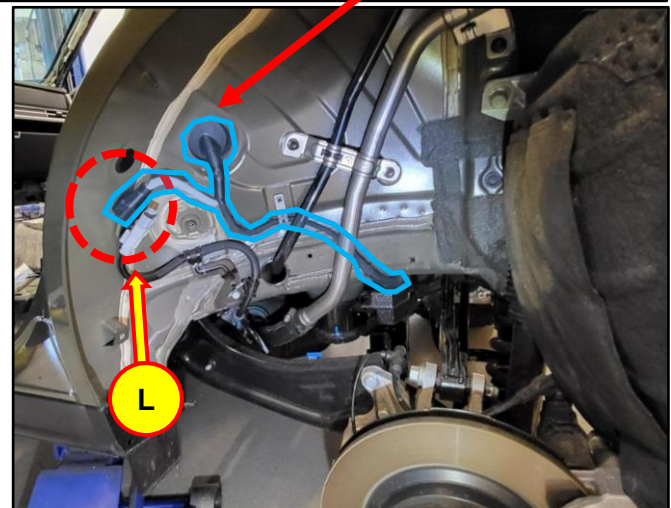
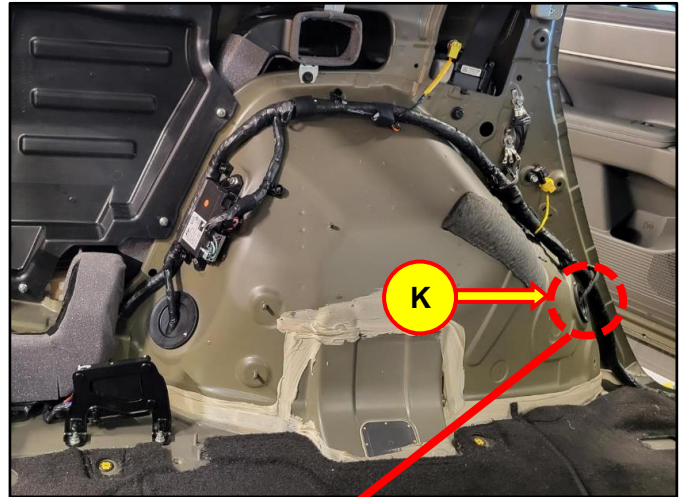
Information

Place the rear of the vehicle on jack stands for stability.



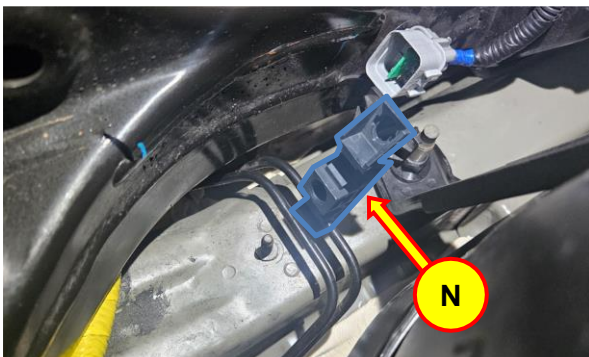
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15. Floor wiring harness (K) on driver's rear wheel is routed to the exterior of the vehicle with 2 exterior connectors (L) and (M).



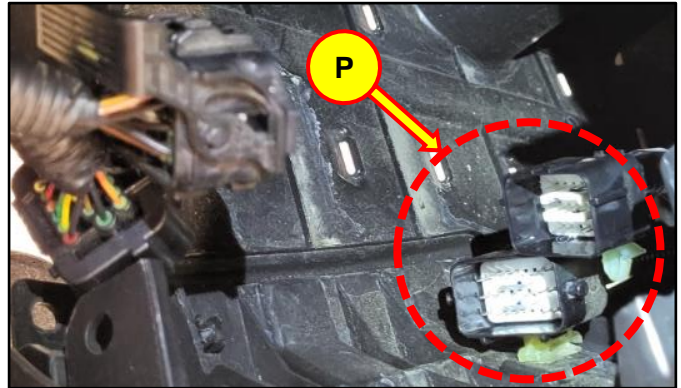
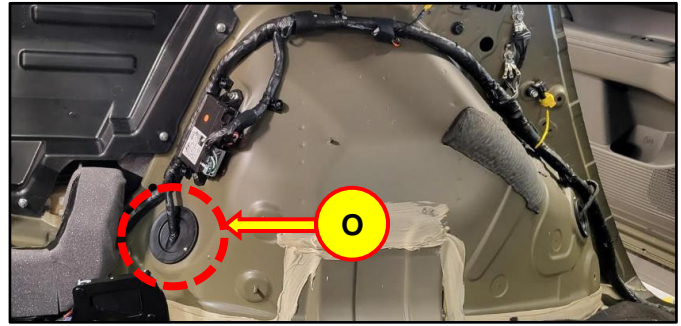
i Information

Disconnect the bracket (N) securing the brake lines to allow enough space between the vehicle chassis and subframe to remove the harness and connector (M).

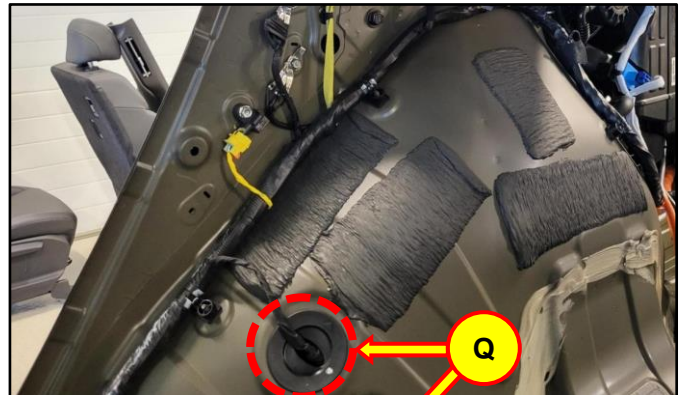


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16. Floor wiring harness (O) on driver's rear wheel is routed to the exterior of the vehicle with 2 exterior connectors (P) found inside the rear bumper.



17. Floor wiring harness (Q) on passenger's rear wheel is routed to the exterior of the vehicle with one exterior connector (R) found inside the rear wheel guard.

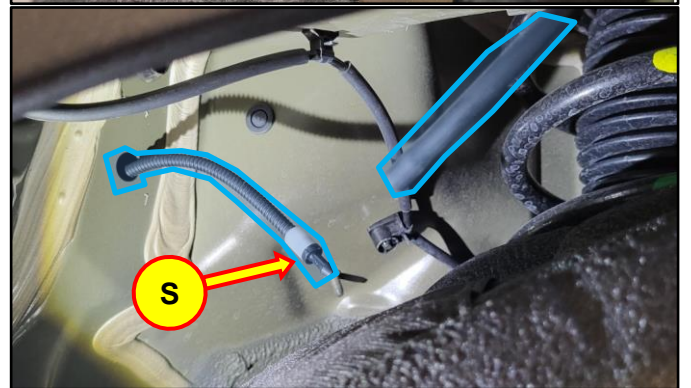
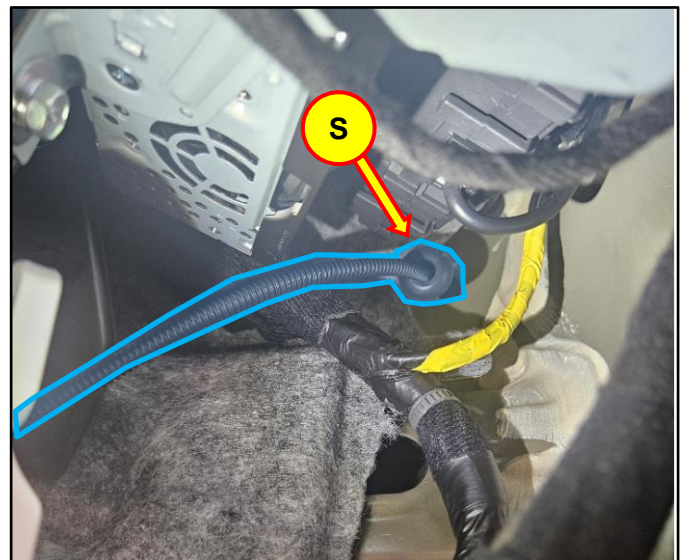


SUBJECT: FLOOR WIRING HARNESS INSPECTION, HARNESS SECUREMENT,
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18. Disconnect the main wiring connectors located in the passenger's side kick panel area.



19. Disconnect front door main wiring main connector and washer fluid hose connector (S) under the front wheel guard.



20. Reassemble in reverse order of the removal.

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B. Securing RH (Passenger Side) Second Row Seat Floor Wiring Cable

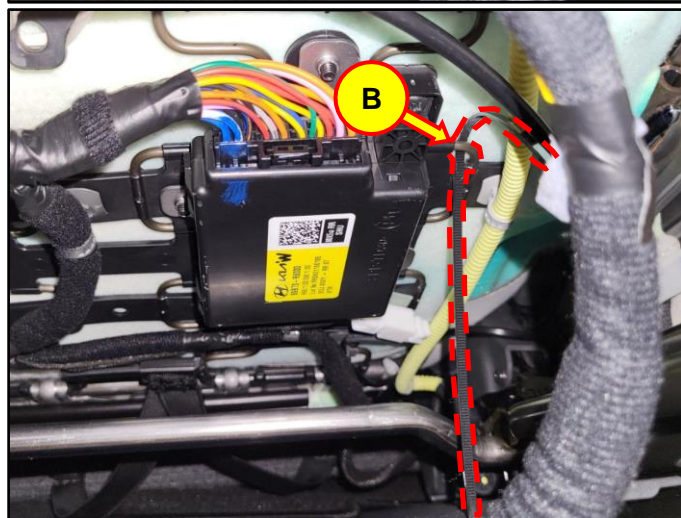
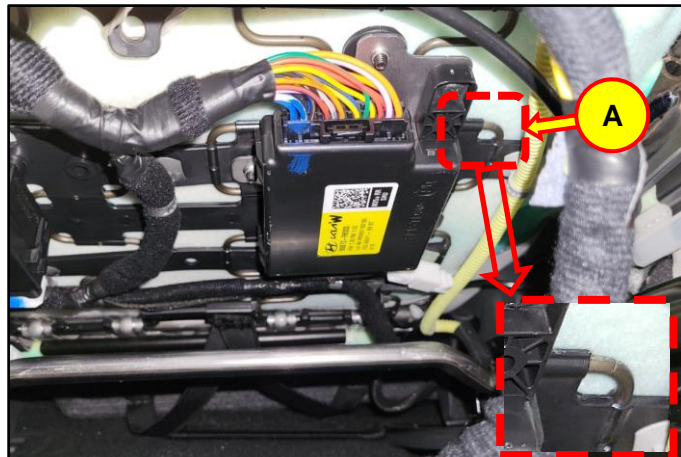
1. Secure the floor wiring to the bottom of the second row seat (RH) with the zip tie:
 - a. Locate the fixing point (A) of the lower frame of the seat frame.
 - b. Insert the zip tie (B) through the fixing point.
 - c. Tie the wiring to the fixing point (D), trim and discard excess zip tie.

i Information

Cut and discard zip ties on floor wiring harness that may already be installed.

! CAUTION

When tying the floor wiring with the cable tie, tie it carefully so that it does not contain the yellow corrugated tube (C).

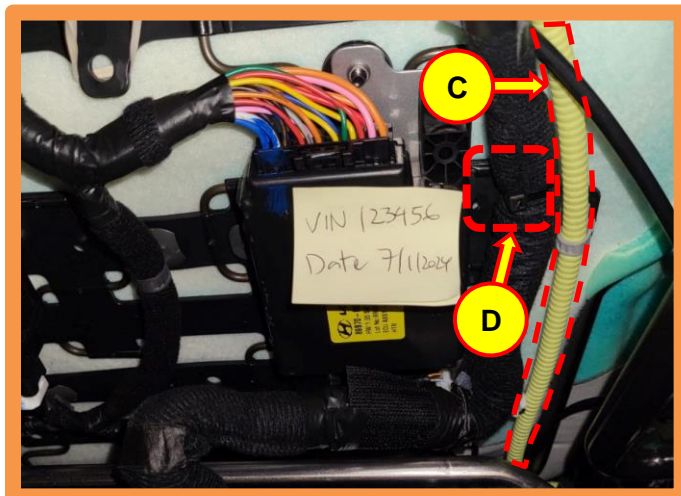


STUI



Take a picture of the floor wiring harness secured to the fixing point along side a piece of paper with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



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C. Securing LH (Driver Side) Second Row Seat Floor Wiring Cable

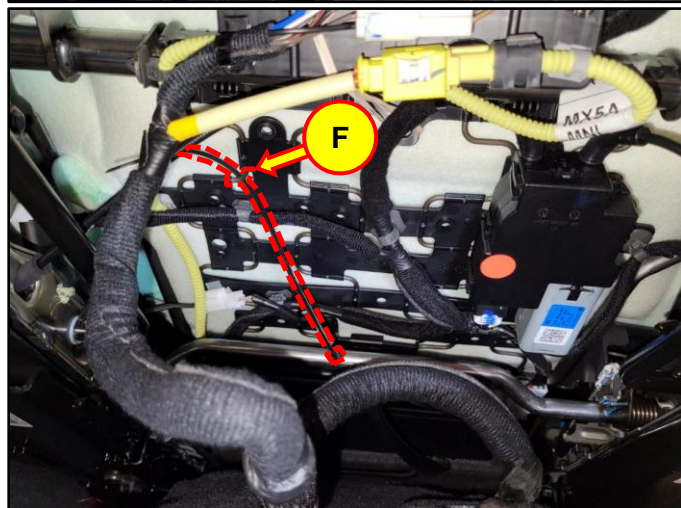
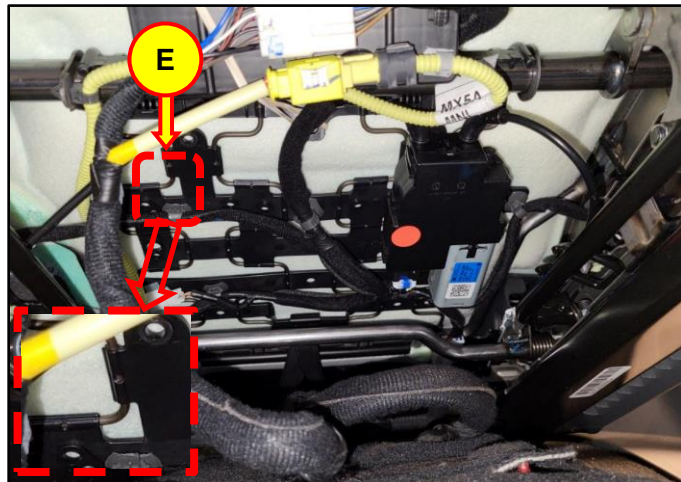
2. Secure the floor wiring to the bottom of the second row seat (LH) with the zip tie:
 - a. Locate the fixing point (E) of the lower frame of the seat frame.
 - b. Insert the zip tie (F) through the fixing point.
 - c. Tie the wiring to the fixing point (G), trim and discard excess zip tie.

i Information

Cut and discard zip ties on floor wiring harness that may already be installed.

! CAUTION

When tying the floor wiring with the cable tie, tie it carefully so that it does not contain the yellow corrugated tube (H).

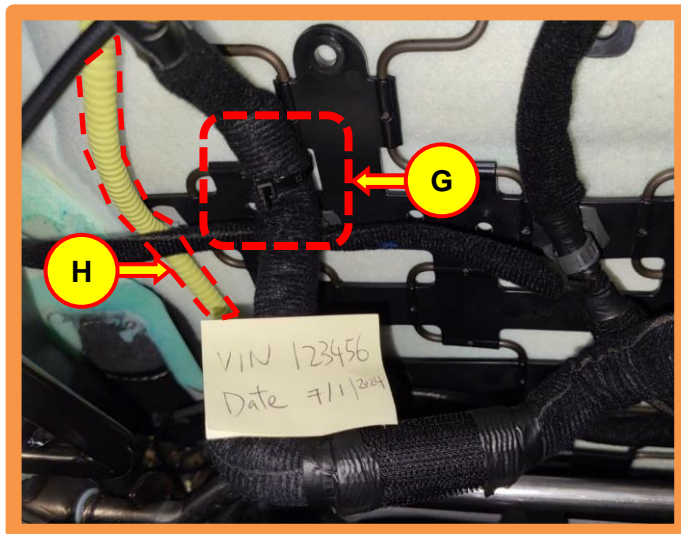


STUI



Take a picture of the floor wiring harness secured to the fixing point along side a piece of paper with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



3. Verify vehicle operates normally with no warning lamps, fault messages, etc.