

 **HYUNDAI**
Technical Service Bulletin

GROUP RECALL	NUMBER 25-01-014H
DATE FEBRUARY 2025	MODEL(S) IONIQ 5 (NEA EV)

SUBJECT: REAR SEAT FLOOR WIRING HARNESS CONNECTOR TERMINALS
INSPECTION/HARNESS REPLACEMENT (RECALL 274)

*** 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: Certain 2025MY IONIQ 5 (NEA EV) vehicles rear floor wiring harness may have been produced with insufficient crimping at the rear side airbag connector terminal(s), increasing the risk of an open circuit. An open circuit could impede the deployment signal in the affected connector. Diagnostic Trouble Codes (DTCs) B142900 and/or B143300 and the airbag light may also appear. A rear side airbag non-deployment may increase the risk of injury to occupants during crashes warranting commanded deployment of the Supplemental Restraint System (SRS). This bulletin outlines the procedure to inspect the terminals of the floor harness for improper crimping and if necessary, replace the rear floor wiring harness.

Applicable Vehicles (Certain):

- 2025MY IONIQ 5 (NEA EV) produced 11/12/2024–01/07/2025


NOTICE

To avoid any potential damage to IONIQ vehicles, this recall can only be performed at IONIQ certified dealers.

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Parts Information:

Model	Part Name	Part Number	Figure	Remarks
IONIQ 5 (NEA EV)	Wiring — Floor Harness	91500-PI080		QTY 1
		91500-PI180		QTY 1
		91500-PI300		QTY 1

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

SST Information:

Tool Name	Tool Number	Figure	Remarks
Terminal Tool Kit	RC274TERMKITQQH		<p>Terminal Tool Kit has been distributed by HMA to dealers that require the SST.</p> <p>Contents include:</p> <ul style="list-style-type: none"> • 1 terminal tool • 2 zip ties • 1 set of cutting pliers <p>If a replacement tool kit is required, contact Hyundaitools@hmausa.com</p>

NOTE: Additional zip ties will need to be sourced if servicing multiple vehicles as initially provided kit only includes 2 zip ties.

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Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
IONIQ 5 (NEA EV)	51251AI1	Terminals Inspection	0.5 M/H	91500-PI080	W16	ZZ2
	51251AR1	Terminals Inspection & Rear Floor Wiring Harness Replacement	5.8 M/H	91500-PI080		
	51251AR2	Terminals Inspection & Rear Floor Wiring Harness Replacement	5.8 M/H	91500-PI180		
	51251AR3	Terminals Inspection & Rear Floor Wiring Harness Replacement	5.8 M/H	91500-PI300		

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 **\$0.20** in sublet for use of additional **two (2) zip ties**.

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INSPECTION/HARNESS REPLACEMENT (RECALL 274)****Service Procedure:****DIGITAL DOCUMENTATION**

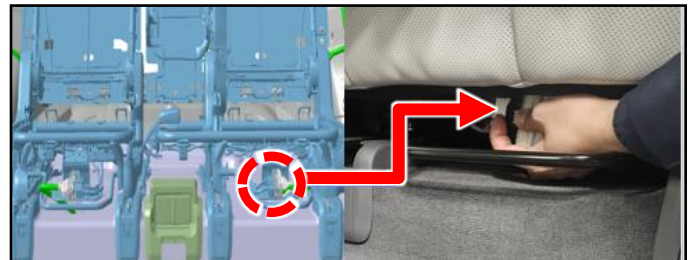
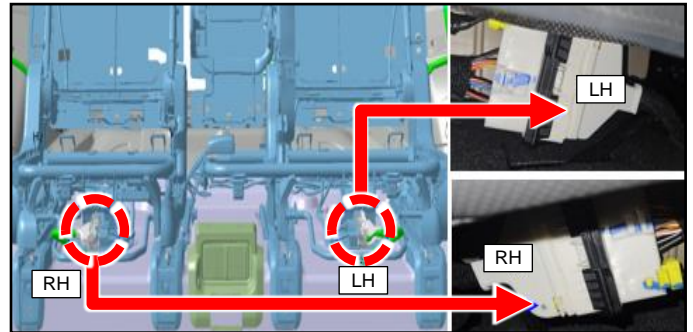
This TSB includes Repair validation photos. Refer to the latest Warranty Digital Documentation Policy for requirements.

NOTICE

Applying the recommended torque to all fasteners is essential to reduce potential issues from occurring after the service procedure.

Rear Floor Wiring Harness Inspection Procedure

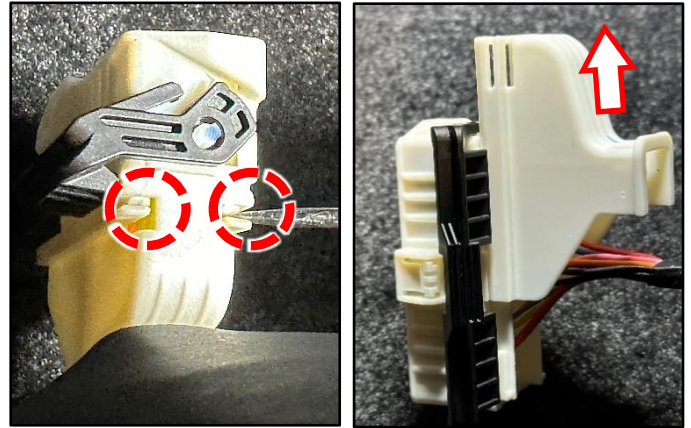
1. Turn the engine off and disconnect the 12V battery terminal (-).
2. Find the indicated connectors under the vehicle's LH and RH rear seat.
3. Press and lift the locking lever for the LH and RH connectors and pull to disconnect them.
4. Cut and remove the indicated zip tie on both connectors.



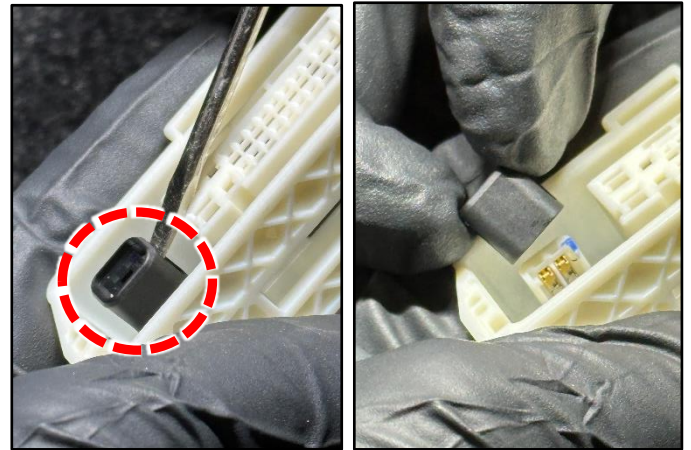
SUBJECT:

**REAR SEAT FLOOR WIRING HARNESS CONNECTOR TERMINALS
INSPECTION/HARNESS REPLACEMENT (RECALL 274)**

5. Lift the **two locking parts** with the terminal tool and slide to remove the cover as shown for both connectors.



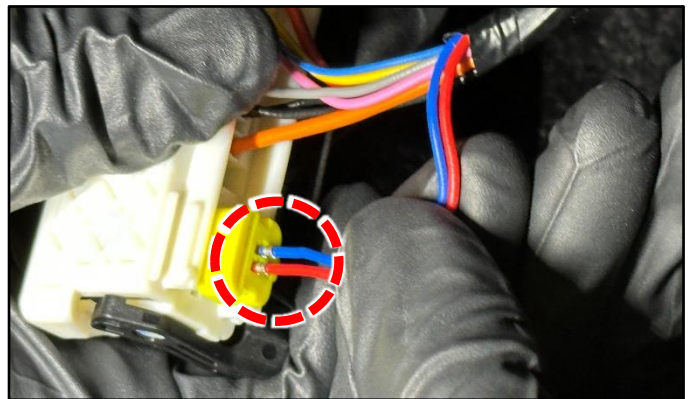
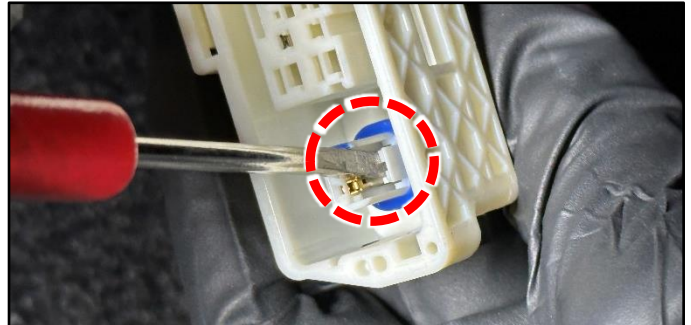
6. Lift the black retainer with the terminal tool and remove the retainer from both connectors.



7. With the LH connector, lift the indicated locking part with the terminal tool and pull pin 29 (blue wire) and pin 30 (red wire) out through the back.

NOTICE

Do **NOT** remove the yellow connector.

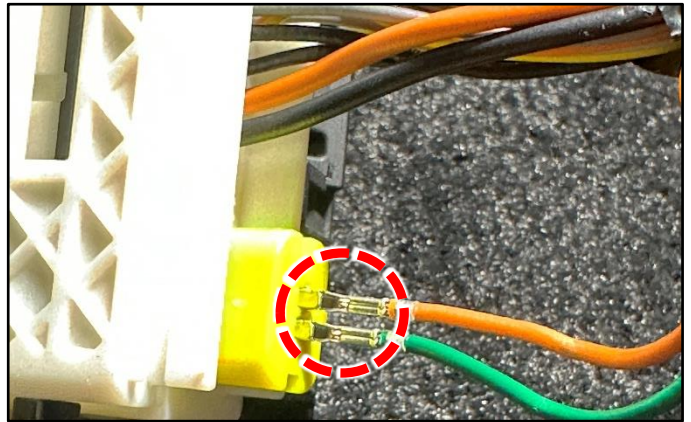
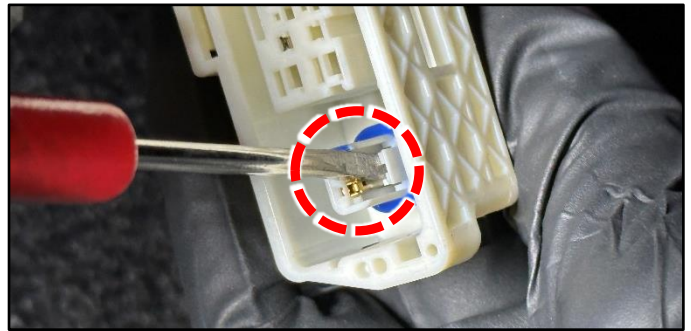


SUBJECT: REAR SEAT FLOOR WIRING HARNESS CONNECTOR TERMINALS
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8. With the RH connector, lift the locking part with the terminal tool and pull pin 29 (orange wire) and pin 30 (green wire) out through the back.

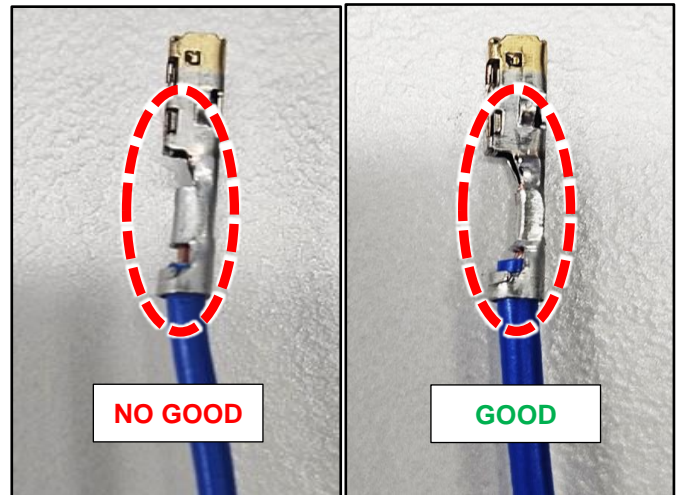
NOTICE

Do **NOT** remove the yellow connector.



9. Inspect LH and RH pin 29 and 30 terminals. Terminals with insufficient crimping in the area marked in the photo are **NO GOOD**.

- If **ALL** of the terminals are **GOOD**, proceed to **step 10**.
- If **ONE OR BOTH** of the terminals is **NO GOOD**, proceed to **step 10** and upload the picture to STUI. HMA will release the parts when pictures have been reviewed. Proceed to the **Rear Floor Wiring Harness Replacement Procedure** when the part is received.



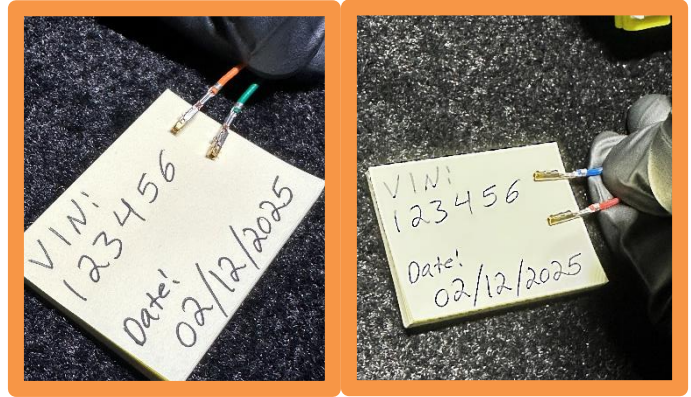
10.

DIGITAL DOCUMENTATION



Using STUI, take two close-up photos, one of LH terminals and one of RH terminals with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photos to STUI.



i Information

Once you have taken a picture of the improper crimps and uploaded to STUI, place an order for the specific part number listed in the Web Parts Catalog for the harness. Ensure you provide the VIN when ordering the harness.

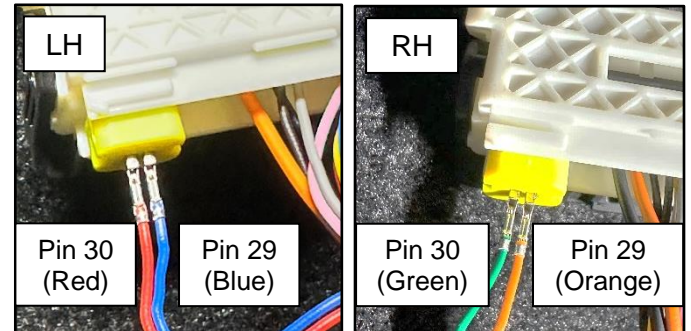
HMA will review the STUI pictures of the terminals and allocate the order based on its review. Please ensure the photo of the terminals is uploaded to STUI prior to placing a part order.

If no photos are provided, or photos are loaded after, replacement(s) are subject to cancellation.

11. Push the LH and RH terminals into their original circuit until they lock into position. Pull the terminals slightly to make sure they are secure.

NOTICE

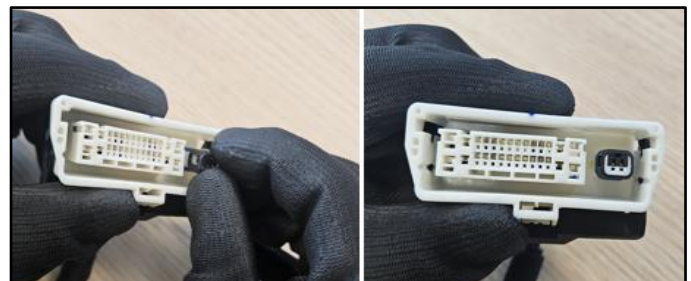
Ensure the terminals are reinstalled into the correct connector in the correct order as shown in the image.



12. Insert the black retainer into the LH and RH connectors.

i Information

If the terminals are **NOT** fully inserted, the retainer will **NOT** sit correctly.



SUBJECT:**REAR SEAT FLOOR WIRING HARNESS CONNECTOR TERMINALS
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13. Slide to install the rear cover on the LH and RH connectors so it locks into place.



14. For the LH and RH connectors, insert the zip tie as shown. Fasten it so it holds the wire bundle in place. Cut off the excess zip tie.



15. Reconnect the LH and RH connectors under the rear seat so the black lever locks into place.



16. Reconnect the 12v battery terminal (-).
17. The service procedure is complete.

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1. Remove the floor carpet assembly as described in the shop manual.

Refer to the Shop Manual:

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

2. Remove the rear floor wiring harness and install the replacement wiring harness.

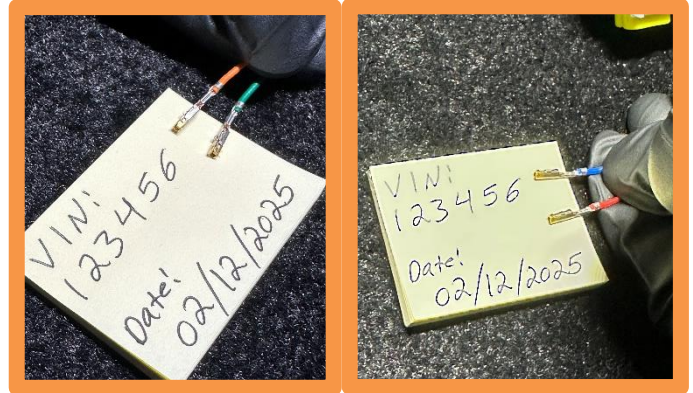
- 3.

**DIGITAL
DOCUMENTATION**



Using STUI, take two close-up photos, one of the new LH terminals and one of the new RH terminals with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photos to STUI.



4. Reconnect the 12v battery terminal (-).
5. Verify vehicle operates normally with no warning lamps, fault messages, etc. The service procedure is complete.