



HYUNDAI Technical Service Bulletin

GROUP
EV SYSTEMS

NUMBER
25-EV-003H

DATE
JULY 2025

MODEL(S)
SEE BELOW

SUBJECT: DC PIN CAPS REPLACEMENT

Description: Certain IONIQ 5 (NE EV), IONIQ 6 (CE EV), and IONIQ 5 N (NE EV N) vehicles may have missing Inlet 5-Pin Combo DC insulation caps (DC pin caps) which may lead to damage to the charge port if not replaced. This bulletin provides instructions to replace the DC pin cap(s).

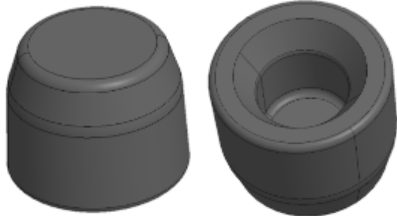
Applicable Vehicles:

- 2022–2024MY IONIQ 5 (NE EV)
- 2023–2024MY IONIQ 6 (CE EV)
- 2025MY IONIQ 5 N (NE EV N)


NOTICE

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

Parts Information:

Model	Part Name	Part Number	Figure	Remarks
IONIQ 5 (NE EV)	CAP	91691-GI031FFF		Qty: 1 (3 caps per bag)
IONIQ 6 (CE EV)				
IONIQ 5 N (NE EV N)				

SST Information:

Tool Name	Tool Number	Figure	Remarks	Ordering Information
DC Pin Cap Installation Tool	91961-GI531FFF		Each IONIQ certified dealer will receive 1 unit during the initial TSB release.	Additional units may be ordered through the normal process.

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

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
IONIQ 5 (NE EV)	91691Q0A	DC Pin Caps Replacement	0.3 M/H	Refer to WEBLTS for applicable part to labor op code combination	B32	ZZ1
IONIQ 6 (CE EV)						
IONIQ 5 N (NE EV N)						

NOTE 1: Normal warranty applies.

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

NOTE 3: This TSB includes repair justification photos. Op times include VIN, Mileage, and repair justification photo(s) as outlined in the Digital Documentation Policy.

NOTE 4: 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.

NOTE 5: Dealers are allowed to submit the SST as part of their first claim submission under this TSB as the dealer will be charged for the direct shipment of the tool to its dealership.

Service Procedure:

DIGITAL DOCUMENTATION



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

1. Open the charging door.
2. Check the charge port for missing DC pin caps.

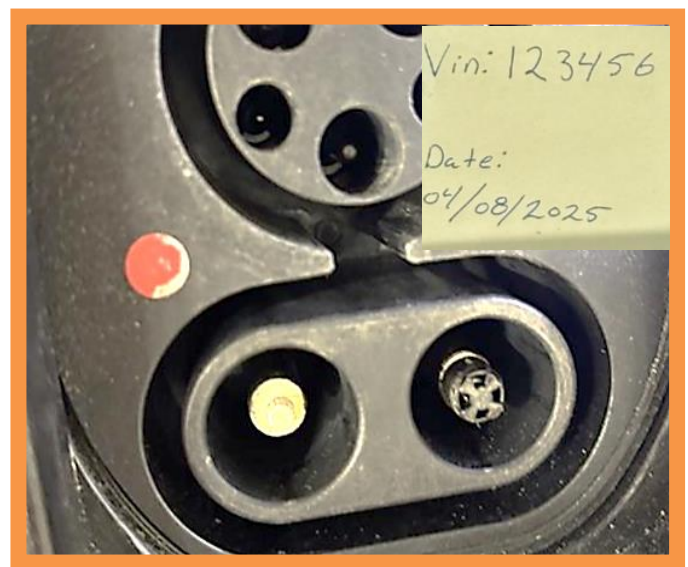
3.

DIGITAL DOCUMENTATION



Using STUI, take a photo of the missing DC pin cap(s) with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



4.

⚠ WARNING

Replace one cap at a time to avoid the risk of inserting pliers into both sides of the DC charge port simultaneously. Doing so may cause personal injury or damage the vehicle.

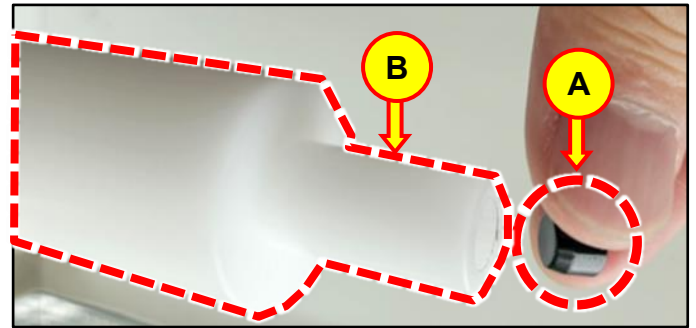
Use a needle-nose plier to remove any existing DC pin cap. **ONLY** grip the plastic part of the pin.

NOTICE

Pull the DC pin cap straight out to avoid damage to the pin.

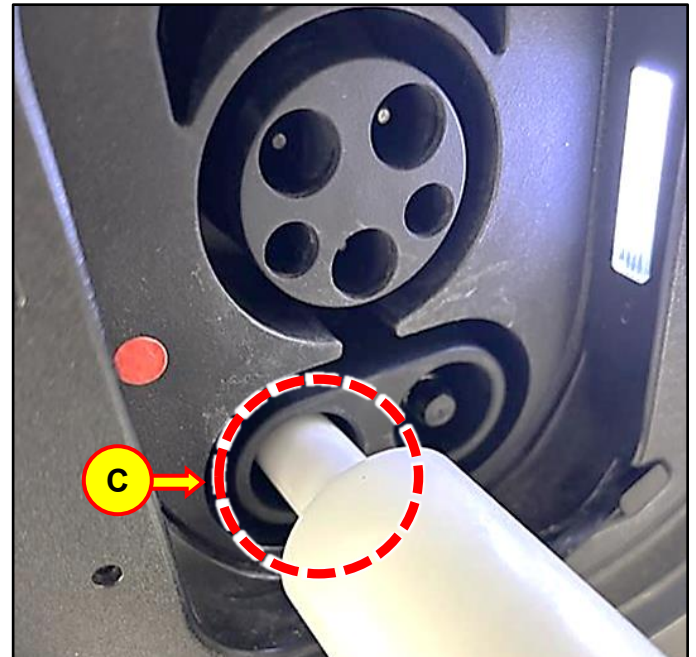
5.

Insert the new DC pin cap (A) into the installation tool (B) with the flat surface facing inside the tool.

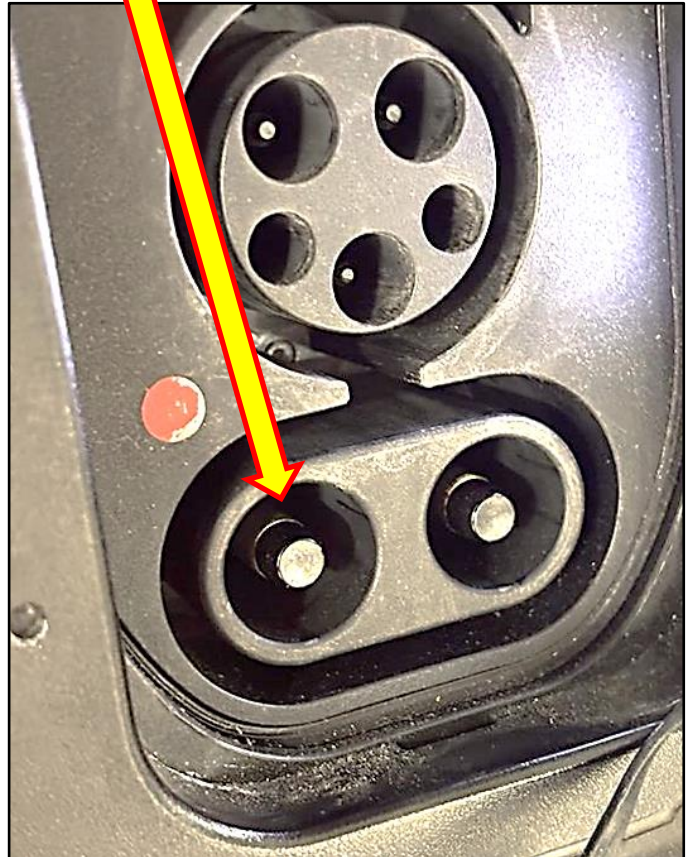
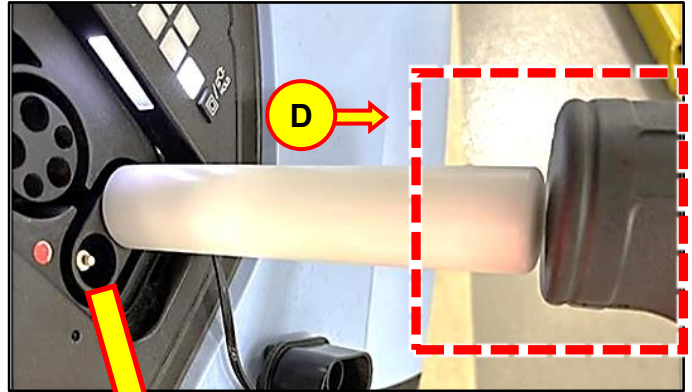


6.

Align the installation tool with the DC post (C) by positioning the pin cap onto the post.



7. Use a rubber mallet (D) to gently tap the installation tool **3-4 times** to securely seat the pin cap onto the post.



8. Repeat **steps 4-7** for installing the second DC pin cap.
9. The service procedure is now complete.