



Technical Service Bulletin

GROUP
EV SYSTEMS

NUMBER
26-EV-007H

DATE
AUGUST 2026

MODEL(S)
IONIQ 5 (NEA EV)

SUBJECT: UNDER-TORQUED RELAY BOLT – INVERTER REPLACEMENT –
DTC P1E3000

★ IMPORTANT

This field action requires both a reported condition consistent with the symptoms outlined in this TSB and dealer confirmation of those symptoms before any repair work is performed. If requirements are not met, any submitted claims are subject to debit. 10 / 100,000 High Voltage Warranty for original owners and is transferable to subsequent owners. See Warranty Information section for more details.

Description: Some IONIQ 5 (NEA EV) vehicles may set DTC P1E3000 while charging. Vehicle operation remains unaffected. This bulletin provides instructions to inspect, and if necessary, replace the affected rear inverter assembly.



Applicable Vehicles:

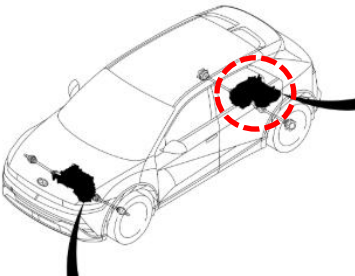
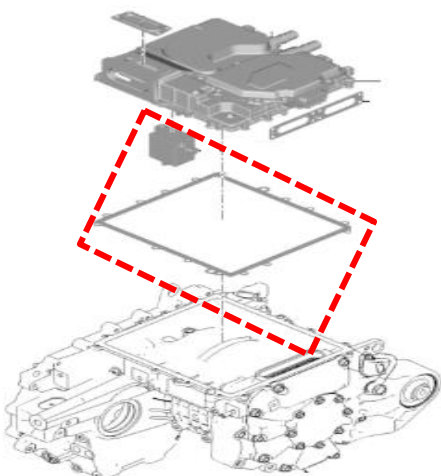
Model Year	Model	Vin Starts with	Production Dates
2025	IONIQ 5 (NEA EV)	7YA	11/12/2024 – 08/07/2025

NOTICE

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

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

Parts Information:

Model	Part Name	Part Number	Figure	Remarks
IONIQ 5 (NEA EV)	Inverter Assy	36601-1XAN1		Qty: 1
	Gasket-Inverter	366G9-1XAM0		Qty: 1
	Bolt	366H5-1X147		Qty: 16
	Pink-Antifreeze / Coolant	00232-19098		Qty: 1 Pink Coolant

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
IONIQ 5 (NEA EV)	50DV26R0	Rear Inverter Assembly Replacement & Wheel Alignment (All)	5.1 M/H	36601-1XAN1	D22	ZZ7

NOTE 1: Submit a campaign claim on the "Claim Entry/Edit/Submit" screen on WebDCS and attach all required Digital Documentation per TSB to the claim.

NOTE 2: 10 /100,000 High Voltage Warranty for original owners and is transferable to subsequent owners, apply to the part(s) and repair procedure(s) outlined in this TSB. Prior to beginning any repair work, ensure that the part(s) associated with the repair procedure are within the applicable warranty, observing mileage and Warranty Start Date or date of first use. If the subject part(s) are out of warranty coverage, the dealer may submit a PA Request for goodwill consideration on a case-by-case basis.

NOTE 3: If any part(s) not subject to this TSB are found in need of replacement while performing the repair procedure, and the affected part(s) are still under warranty, the dealer may submit a separate claim using the same repair order. If the part(s) not subject to this TSB are out of warranty coverage, the dealer has the option to submit a PA Request for goodwill consideration on a case-by-case basis.

NOTE 4: This TSB includes repair justification in the form of automatically uploaded DTC(s) via GDS e-Report at the time of diagnosis. To ensure adherence to the Digital Documentation Policy before claim submission, DTC history can be reviewed via the e-Report function within the GDS. Additionally, take a photo of the completed alignment sheet clearly showing the vehicle's VIN and date of alignment.

NOTE 5: 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.**

Service Procedure:**DIGITAL DOCUMENTATION**

This TSB includes repair justification in the form of automatically uploaded DTC(s) via GDS e-Report at the time of diagnosis. Refer to the latest Warranty Digital Documentation Policy for requirements. Please also include a photo of the completed alignment sheet clearly showing the vehicle's VIN and date of alignment.

NOTICE

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

1. Use GDS to scan for **DTC P1E3000**:
 - If detected, proceed to **step 2**.
 - If **NOT** detected, then this TSB does **NOT** apply. Follow the normal diagnostic process.

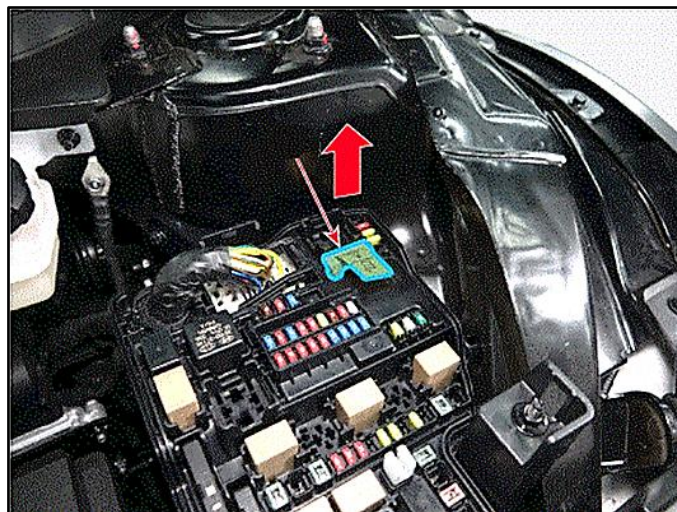


2. Shut off the high-voltage circuit by referring to the shop manual:

- **Motor and Reduction Gear System > High Voltage Shut-off Procedures**

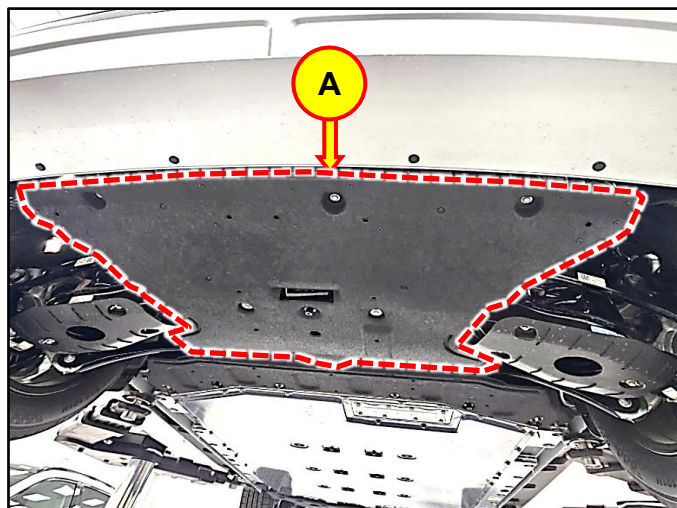
i Information

Ensure the relay welding is **NOT** present, and the insulation resistance is within specification before disconnecting the high-voltage circuit.



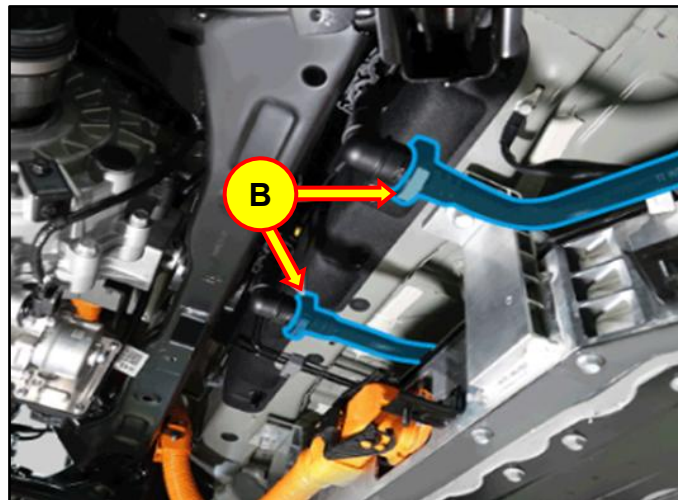
3. Remove the rear undercover (A) by referring to the shop manual:

- **Motor and Reduction Gear System > Rear Motor and Reduction Gear System > Rear Under Cover > Removal and Installation**



4. Drain the coolant by referring to the shop manual then disconnect the water hose (B) by referring to the shop manual:

- **Cooling System > Motor Cooling System > Coolant > Coolant Refilling and Bleeding**

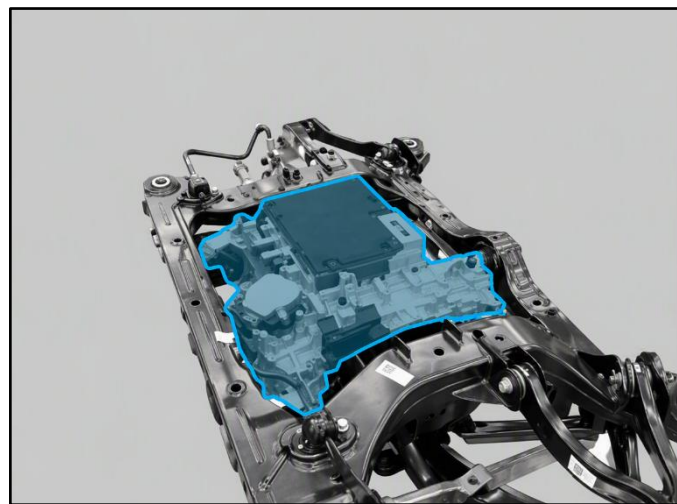


5. Remove the rear subframe to gain access to the rear inverter assembly by referring to the shop manual:

- **Motor and Reduction Gear System > Rear Motor and Reduction Gear System > Rear Motor and Reduction Gear Assembly > Removal**

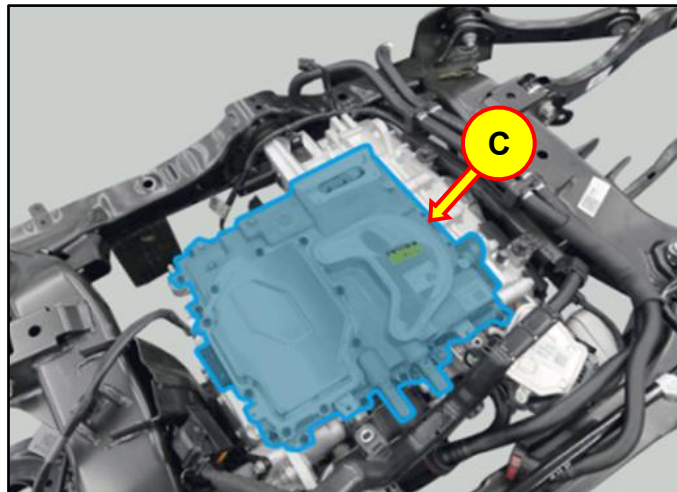
***i* Information**

Do **NOT** remove the motor and reduction gear assembly from the rear subframe.



6. Remove the rear inverter assembly (C) by referring to the shop manual:

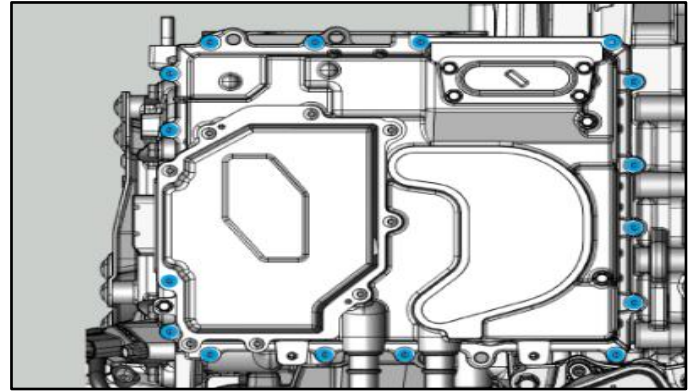
- **Motor and Reduction Gear System > Motor and Reduction Gear Control System > Inverter Assembly > Removal**



7. Install new rear inverter assembly in the reverse order of removal.

Tightening Torque:

lb-ft	6.2
lb-in	74
N.m	8.4

**Information**

Use new mounting bolts for installation.

8. Reinstall the parts in reverse order of removal.
9. Use GDS to perform a PE System Leak Test for the rear motor and reduction gear system by referring to the shop manual:

- **Motor and Reduction Gear System > Air Tightness**

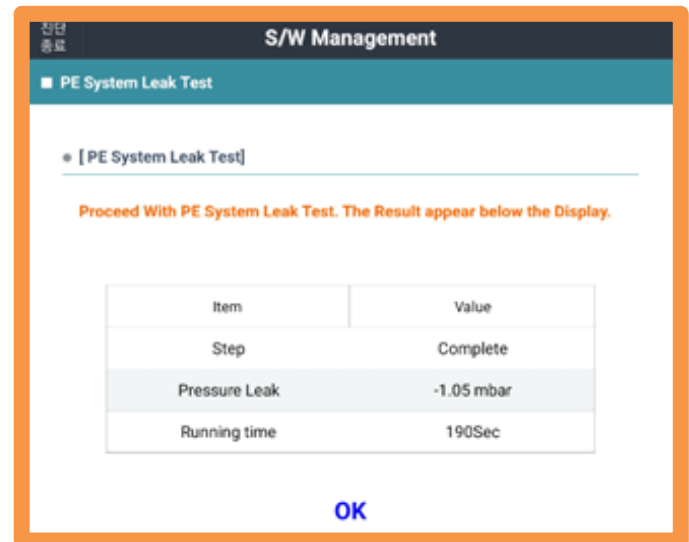
10.

**DIGITAL
DOCUMENTATION**



Using GDS, take a screenshot of the result of the PE System Leak Test.

Upload the photo to STUI.



10. Turn **ON** the high-voltage circuit.
11. Place the vehicle in **READY** mode to confirm proper operation of the vehicle.

12. Perform an **All Systems Fault Code** search and erase DTC history that had incidentally occurred from the ECU update.
13. Perform a wheel alignment.

14.

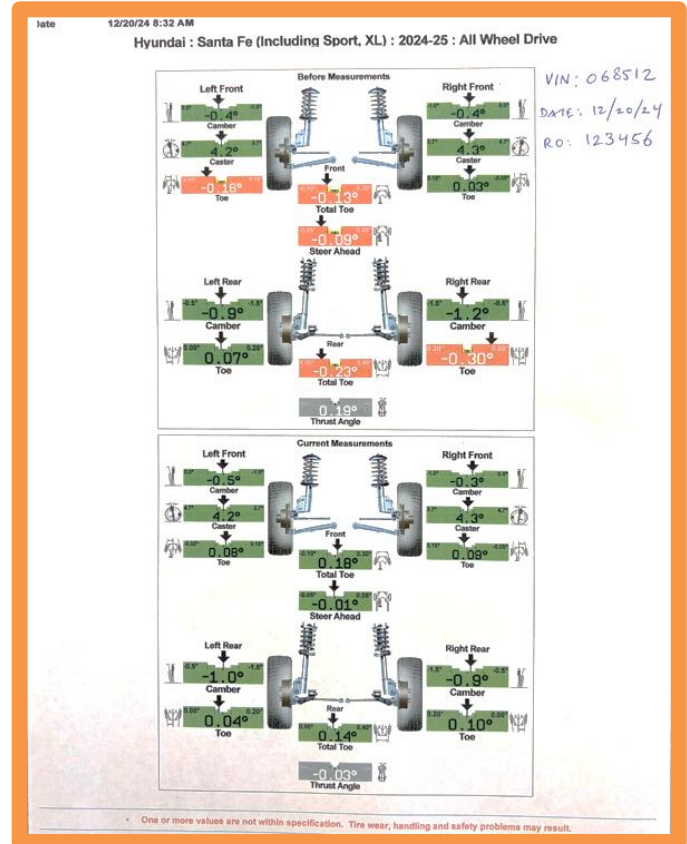
DIGITAL
DOCUMENTATION



Using the STUI camera function, take a photo of the before and after wheel alignment sheet.

Upload the photo to STUI.

NOTE: If the STUI camera function is **NOT** used, write the last 6 digits of the VIN and date of repair on a piece of paper to include in the photo.



15. The service procedure is now complete.