



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V482

Manufacturer Name: Hyundai Motor America

Submission Date: Jul 23, 2025

NHTSA Recall No.: 25V482

Manufacturer Recall No.: 280

Manufacturer Information

Population

Manufacturer Name: Hyundai Motor America

Address: 10550 Talbert Avenue
Fountain Valley CA, 92708

Total number of potentially involved: 10

Estimated percentage with defect: 10%

Vehicle Information

Vehicle 1: 2025-2025 HYUNDAI IONIQ 5

Product Category: Light Vehicles

Product Type: Multipurpose Passenger Vehicle

Fuel / Propulsion: Electric Battery Power

Production Dates: Jun 12, 2025 - Jun 13, 2025

Number of potentially involved: 10

Descriptive Information:

Based on manufacturing and sales records, the subject vehicles include certain model year 2025 Hyundai IONIQ 5 vehicles produced on the specified dates by Hyundai Motor Group Metaplant America ("HMGMA") in Georgia for sale in the U.S. market.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The Battery System Assembly ("BSA") equipped in the subject vehicles might contain a high-voltage bus bar that was installed with insufficiently tightened retention bolts during supplier assembly.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

Insufficiently tightened bus bar retention bolts could gradually loosen over time and induce electrical arcing inside the high-voltage battery pack, potentially increasing the risk of an electrical fire.

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Additionally, loose high-voltage battery pack connections could trigger a voltage sensor error, causing the vehicle to enter a "fail-safe" mode with limited drivability.

Description of the cause:

The torque tool controller failed during assembly and the torqued connections were not properly confirmed by the Programmable Logic Controller ("PLC") during the tightening processes of both BSA assembly lines.

Identification of any warning that can occur:

None.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: Mobis North America Electrified Powertra

Address: 100 Mobis Rd
Richmond Hill GA, 31324

Country: United States

Involved Components

Component Name 1: Battery System Assembly

Component Description: High-Voltage Battery Pack for IONIQ 5

Component Part Number: 37501-PI920

Chronology

June 2025

According to the supplier, on June 18, 2025, the BSA Quality Assurance team became aware of the subject defect condition during a routine inspection of end-of-line units. Interim countermeasures were implemented, and an internal audit of outgoing inventory was performed to identify units with suspect torque tightening.

July 2025

On July 10, 2025, HMGMA informed NASO of Mobis' findings, noting that 11 units at Mobis, and 58 units received by HMGMA, were identified with the subject defect condition. All identified units were retightened to the correct torque specification. NASO initiated an investigation into U.S. market trends to identify potential flow-out to dealers on July 11, 2025.

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After confirmation of U.S. market field information, NASO convened its North American Safety Decision Authority ("NASDA") on July 16, 2025, and decided to conduct a safety recall of all affected model year 2025 Hyundai IONIQ 5 vehicles in the U.S.

As of the date of this filing, Hyundai has not received any reports of incidents involving crashes, fires, or fatalities from affected vehicles in the U.S. market.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Repair

Consumer Advisories: ☐ Do Not Drive ☒ Park Outside

Description of remedy program:

Owners can continue driving these vehicles; however, Hyundai recommends parking their vehicles outside and away from structures until the recall remedy is completed. All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicle to a Hyundai dealer for inspection of the BSA bus bar and re-tightening of the retention bolts, as necessary. This remedy will be offered at no cost to owners for all affected vehicles, regardless of whether the affected vehicles are still covered under Hyundai's New Vehicle Limited Warranty. Additionally, Hyundai will provide owners of affected vehicles reimbursement for out-of-pocket expenses incurred to obtain a remedy for the recall condition in accordance with the reimbursement plan submitted to NHTSA on February 22, 2024.

How remedy component differs from recalled component:

The remedy involves re-tightening of the bus bar retention bolts to the correct torque specification, if deemed necessary by inspection.

Identify how/when recall condition was corrected in production:

The PLC was improved to include torque tool operating signal feedback and associated flagging upon detection of a tightening abnormality. This software revision was implemented as a production running change from June 18 through June 19, 2025. Additionally, enhanced routine inspection frequency and criteria were adopted as new standardized work on June 18, 2025.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Dealers will be notified electronically by the specified dates.

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Owners will be notified via certified mail by the specified dates.

Planned Dealer Notification Date: Sep 20, 2025 - Sep 20, 2025

☐ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Planned Remedy Owner Notification Date: Sep 20, 2025 - Sep 20, 2025

☐ Phased Recall

Date when VIN will be searchable: Jul 25, 2025