

Part 573 Safety Recall Report

25V-065

Manufacturer Name : Hyundai Motor America**Submission Date :** MAR 21, 2025**NHTSA Recall No. :** 25V-065**Manufacturer Recall No. :** 275**Manufacturer Information :**

Manufacturer Name : Hyundai Motor America

Address : 10550 Talbert Avenue

Fountain Valley CA 92708

Company phone : 800-633-5151

Population :

Number of potentially involved : 1,508

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2025-2025 Hyundai IONIQ 5

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Based on manufacturing and sales records, the subject vehicles include 1,508 model year 2025 Hyundai IONIQ "N" performance vehicles produced on the specified dates by Hyundai Motor Company ("HMC") in Korea for sale in the U.S. market.

Production Dates : DEC 18, 2023 - DEC 10, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with a Left-Foot Braking ("LFB") feature designed for use on performance roadways, such as racetracks. LFB allows operators to control vehicle speed through simultaneous operation of both the accelerator and brake pedals. During certain driving maneuvers with LFB engaged, the Integrated Electronic Brake ("IEB") control software may trigger depressurization of the ABS system, resulting in reduced braking performance.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Reduced braking performance could lead to longer stopping distances than anticipated by the operator, increasing the risk of a crash.

Description of the Cause : An error in the IEB/VCU software logic could trigger depressurization of the ABS system when certain conditions involving simultaneous pedal actuation are met and LFB is engaged.

Identification of Any Warning that can Occur : None.

Involved Components :

Component Name 1 : Integrated Electrical Booster

Component Description : IEB Integrated Electrical Booster (IONIQ 5 N specification)

Component Part Number : 58520-NI000

Supplier Identification :

Component Manufacturer

Name : Hyundai MOBIS

Address : 17-2, Mabuk-ro 240 beon-gil

Giheung-gu, Yongin-si Gyeonggi-do Foreign States 16891

Country : Korea, Republic of

Chronology :

Please see Attachment A for the requested chronology.

Description of Remedy :

Description of Remedy Program : Hyundai is currently developing a new remedy for all affected vehicles, including ones that have already been repaired. While Hyundai finalizes the remedy, owners who have not received a remedy are recommended to not use the LFB feature on their vehicle(s) until the updated remedy has been completed. Owners who have already received a remedy are recommended to not use the "N" E-shift feature on their vehicle(s) until the updated remedy has been completed. All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer for an update of the associated IEB and VCU software. This remedy will be offered at no cost to owners for all affected customers. Hyundai will provide reimbursement to owners for prior repairs in accordance with the plan submitted to NHTSA on February 22, 2024.

How Remedy Component Differs from Recalled Component : The IEB and VCU software logic have been revised to mitigate the risk of ABS depressurization during LFB operation.

Identify How/When Recall Condition was Corrected in Production : The improved software was implemented as a production running change on January 15, 2025.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified electronically by the specified dates.
Owners will be notified via certified mail by the specified dates.

Planned Dealer Notification Date : APR 07, 2025 - APR 07, 2025

Planned Owner Notification Date : APR 07, 2025 - APR 07, 2025

* NR - Not Reported