

Part 573 Safety Recall Report

24V-283

Manufacturer Name : Hyundai Motor America**Submission Date :** APR 19, 2024**NHTSA Recall No. :** 24V-283**Manufacturer Recall No. :** 259**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 : 2

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2024-2024 Hyundai IONIQ 6

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Based on manufacturing and sales records, the subject vehicles include certain model year 2024 Hyundai IONIQ 6 vehicles equipped with AWD and produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : AUG 19, 2023 - AUG 21, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with Motor-Gear Drive Unit ("MGDU") differential gear assemblies containing differential gear bolts that may have been improperly torqued during assembly by the differential gear supplier. As such, the differential gear bolts can loosen over time and damage the MGDU housing and/or reduction gear during operation, which can cause a grinding noise potentially followed by differential lock-up or a sudden loss of motive power.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A sudden, unexpected loss of motive power and/or differential lock-up could increase the risk of a crash, especially at high speeds.

Description of the Cause : A batch of MGDU assemblies requiring rework/tightening of the differential gear bolts was inadvertently delivered to the motor/reducer Tier 1 supplier by the MGDU Tier 2 supplier and used in production.

Identification of Any Warning that can Occur : Grinding noise during normal operation.

Involved Components :

Component Name 1 : MOTOR-GEAR DRIVE UNIT

Component Description : Rear motor-gear drive unit assembly

Component Part Number : 44000-18NB0

Supplier Identification :**Component Manufacturer**

Name : Hyundai Transys

Address : 105 Sindang 1-ro, Seongyeon-myeon

Chungcheongnam-do Seosan-si Foreign States 31930

Country : Korea, Republic of

Chronology :

Please see attached.

Description of Remedy :

Description of Remedy Program : All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer to have the rear MGDU assembly replaced. 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 or Genesis' New Vehicle Limited Warranty. Additionally, Hyundai/Genesis 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. All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer to have the rear MGDU assembly replaced. 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 or Genesis' New Vehicle Limited Warranty. Additionally, Hyundai/Genesis 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 differential gear bolts used in the remedy MGDU assemblies are properly tightened.

Identify How/When Recall Condition was Corrected in Production : According to the supplier, several manufacturing process improvements were implemented from January to February 2024, including inspection of bolted areas using gap measurement tooling, revised rework schedules, designated rework areas, and implementation of a barcode for lot traceability scanning.

Recall Schedule :

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

Planned Dealer Notification Date : JUN 18, 2024 - JUN 18, 2024

Planned Owner Notification Date : JUN 18, 2024 - JUN 18, 2024

* NR - Not Reported