

Part 573 Safety Recall Report

23V-589

Manufacturer Name : Hyundai Motor America**Submission Date :** AUG 18, 2023**NHTSA Recall No. :** 23V-589**Manufacturer Recall No. :** 248**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 : 37,997

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2021-2023 Hyundai Elantra HEV

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : The subject population includes 37,997 model year 2021-2023 Hyundai Elantra Hybrid vehicles produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : DEC 15, 2020 - JUL 29, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The motor control unit ("MCU") software may detect a transmission / drive motor synchronization fault while driving triggering a "fail-safe" condition that temporarily results in slow, unintended acceleration after release of the brake pedal. Service brake functionality is unaffected and remains fully operational.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Unintended acceleration could increase the risk of a crash at certain vehicle speeds.

Description of the Cause : Inadvertent fault detection by the HPCU software logic.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : HPCU RESERVOIR MODULE

Component Description : HYBRID POWER CONTROL UNIT RESERVOIR MODULE

Component Part Number : 36600-2BBB0

Component Name 2 : HPCU RESERVOIR MODULE

Component Description : HYBRID POWER CONTROL UNIT RESERVOIR MODULE

Component Part Number : 36600-2BBB1

Supplier Identification :

Component Manufacturer

Name : Hyundai Mobis

Address : 203, Teheran-ro
Gangnam-gu Seoul Foreign States

Country : Korea, Republic of

Chronology :

Please see Attachment A.

Description of Remedy :

Description of Remedy Program : Owners can continue driving these vehicles as the vehicle's brake systems are fully operational and effective in slowing the vehicle. As an added level of protection, all affected vehicles are equipped with brake override systems as a standard feature. All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer to update the logic in the Motor Control Unit ("MCU"). 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 24, 2022.

How Remedy Component Differs from Recalled Component : The MCU software logic is improved.

Identify How/When Recall Condition was Corrected in Production : The updated MCU's (with improved software) were implemented on August 10, 2023, as a production running change.

Recall Schedule :

Description of Recall Schedule : Dealers/owners will be notified on the specified dates.

Planned Dealer Notification Date : OCT 17, 2023 - OCT 17, 2023

Planned Owner Notification Date : OCT 17, 2023 - OCT 17, 2023

* NR - Not Reported