

# Part 573 Safety Recall Report

# 22V-324

**Manufacturer Name :** Hyundai Motor America**Submission Date :** MAY 11, 2022**NHTSA Recall No. :** 22V-324**Manufacturer Recall No. :** 228**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 : 10,729

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2022-2022 Hyundai Ioniq 5

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

**Descriptive Information :** Based on manufacturing records, the subject population for this recall includes certain 2022 model year Ioniq 5 vehicles produced by Hyundai Motor Company ("HMC") within the specified production date range for sale in the U.S.

Production Dates : OCT 04, 2021 - APR 26, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** The shift-by-wire system in the subject vehicles contains a Shifter Control Unit ("SCU") and electronic parking pawl actuator. A voltage fluctuation may occur with the vehicle off and in the Park (P) position, which could impact the command signal from the SCU to the parking actuator, resulting in momentary disengagement of the parking pawl and potential vehicle rollaway.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** Vehicle rollaway after parking increases the risk of a crash and/or injuries.**Description of the Cause :** Voltage fluctuation can impact the command signal from the SCU to the parking pawl actuator.

**Identification of Any Warning that can Occur :** NR

**Involved Components :**

Component Name 1 : SBW CONTROL UNIT

Component Description : Shifter Control Unit

Component Part Number : 42951-18110

## Supplier Identification :

### Component Manufacturer

Name : Hyundai KEFICO Corp

Address : 102, Gosan-ro

Gunpo-si Gyeonggi-do Foreign States 15849

Country : Korea, Republic of

## Chronology :

May 2022

On May 2, 2022, HMC notified HMA's NASO of a new investigation into recent warranty claims involving certain 2022 model year Hyundai Ioniq 5 vehicles in South Korea. HMC received four (4) claims alleging the vehicles inadvertently rolled away after parking on an incline and shutting off the ignition. According to HMC, further investigation into the incidents revealed voltage fluctuation could impact the command signal from the SCU to the parking actuator, resulting in momentary disengagement of the parking pawl and potential vehicle rollaway.

HMC also informed NASO that certain 2023 model year Genesis GV60 and G80 EV vehicles used the same electronic parking pawl actuator; however, these vehicles have not yet been released for sale to U.S. dealers.

NASO's Technical Review Committee conducted a search of field information for related incidents in the U.S. market and found no incidents had occurred.

Based on HMC's findings, NASO convened its North America Safety Decision Authority and decided to initiate a safety recall of 2022 model year Hyundai Ioniq 5 vehicles equipped with the subject parking pawl actuator in the U.S. Regarding the Genesis GV60 and G80 EV vehicles equipped with the subject SCU and parking actuator, Hyundai plans to repair these vehicles at vehicle processing centers and ports prior to sale to dealers.

As of the date of this filing, there are no confirmed crashes, injuries, or reported incidents in the U.S.; however, Hyundai has confirmed four (4) rollaway incidents in the South Korean market.

## Description of Remedy :

Description of Remedy Program : Hyundai recommends all affected owners to use their Electronic Parking Brake (“EPB”) when parking their vehicles to mitigate the risk of vehicle rollaway while the remedy is being prepared. 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 SCU software updated. 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 remedy software update prevents the SCU from allowing the parking pawl to be moved out of the Park (P) position inadvertently with the vehicle off.

Identify How/When Recall Condition was Corrected in Production : The remedy software was implemented in production as a running change on May 2, 2022.

## Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified in accordance with the specified dates.

Planned Dealer Notification Date : JUL 10, 2022 - JUL 10, 2022

Planned Owner Notification Date : JUL 10, 2022 - JUL 10, 2022

\* NR - Not Reported