

# Part 573 Safety Recall Report

# 22V-941

**Manufacturer Name :** Hyundai Motor America**Submission Date :** DEC 16, 2022**NHTSA Recall No. :** 22V-941**Manufacturer Recall No. :** 239**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 : 853

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2021-2021 Hyundai Kona EV

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

**Descriptive Information :** The subject population includes 853 model year 2021 Hyundai Kona EV vehicles produced on June 18, 2020, through July 31, 2020, by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : JUN 18, 2020 - JUL 31, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** The Electric Power Control Unit ("EPCU") used in the subject vehicles may have been produced by the supplier with insufficient sealing of the EPCU's DC-DC convertor housing potentially causing an internal coolant leak and contamination of the EPCU main controller. Contamination of the EPCU controller could result in triggering of the vehicle's limited mobility "fail safe" drive mode or, in limited instances, a sudden loss of motive power or vehicle stall.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** A sudden loss of motive power or stall could increase the risk of a crash at certain speed.

**Description of the Cause :** The EPCU's DC-DC convertor housing was insufficiently sealed due to inadequate steam cleaning during manufacturing.

**Identification of Any Warning**

- A. Malfunction Indicator Lamp ("MIL") illumination
- B. "Check Electric Vehicle System" warning message on information

that can Occur : display

## Involved Components :

Component Name 1 : EPCU ASSY

Component Description : Electric Power Control Unit Assembly

Component Part Number : 36601-0E170

## Supplier Identification :

### Component Manufacturer

Name : Hyundai Mobis

Address : 203 Teheran-ro

Gangnam-gu Seoul Foreign States 06141

Country : Korea, Republic of

## Chronology :

Please see Attachment A for the requested chronology of events leading up to the defect decision.

## 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 inspect the EPCU and replace it, if 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 24, 2022.

How Remedy Component Differs from Recalled Component : The remedied EPCU's DC-DC convertor is produced with sufficient sealing to prevent leakage.

Identify How/When Recall Condition was Corrected in Production : The duration of the steam cleaning process was revised on July 6, 2020, at the supplier.

**Recall Schedule :**

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

Planned Dealer Notification Date : FEB 14, 2023 - FEB 14, 2023

Planned Owner Notification Date : FEB 14, 2023 - FEB 14, 2023

\* NR - Not Reported