

# Part 573 Safety Recall Report

# 24V-867

**Manufacturer Name :** Kia America, Inc.**Submission Date :** NOV 18, 2024**NHTSA Recall No. :** 24V-867**Manufacturer Recall No. :** SC327**Manufacturer Information :**

Manufacturer Name : Kia America, Inc.

Address : 111 Peters Canyon Road  
Irvine CA 92606

Company phone : 800-333-4542

**Population :**

Number of potentially involved : 62,872

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2022-2024 Kia EV6

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

**Descriptive Information :** All 2022-2023 model year and certain 2024 model year EV6 vehicles manufactured from November 17, 2021 through July 22, 2024.

This recall will supersede recall 24V200 and will include certain 2024MY EV6 vehicles produced with the same software as the 24V200 remedy.

The recall population was determined by a review of vehicle production records. The vehicles subject to this recall were not produced in VIN order. Customers seeking information about their specific vehicle will be referred to Kia's Customer Care Center or their Kia dealer.

Production Dates : NOV 17, 2021 - JUL 22, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** The Integrated Charging Control Unit (ICCU) may become damaged over time from transient high voltage and thermal cycling. A damaged ICCU may not be able to charge the 12-volt battery which can discharge gradually while driving with progressive reductions of motive power. If the driver ignores the warnings associated with the discharging battery condition and continues to operate the vehicle in a reduced power mode, the vehicle may eventually experience a complete loss of motive power.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A loss of motive power increases the risk of a crash.

Description of the Cause : Thermal loading and transient high voltage can damage the ICCU.

Identification of Any Warning that can Occur : Audible warning chimes and one or more of the following: Illumination of "Check Electric Vehicle System" warning light, Master warning light, Charging system warning light, "Stop vehicle and check power supply" warning light, power down (turtle) warning light and/or reductions in motive power.

## Involved Components :

Component Name 1 : ICCU ASSY

Component Description : Integrated Charging Control Unit Assembly

Component Part Number : 36400-1XFA0 / 36400-1XFA0QK

## Supplier Identification :

### Component Manufacturer

Name : Hyundai Mobis

Address : 203 Teheran-ro, Gangnam-gu  
Seoul Foreign States 06141

Country : Korea, Republic of

## Chronology :

See attached document titled "2022-2024MY EV6 ICCU Assembly Chronology".

## 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 Kia dealer. Kia dealers will inspect the ICCU and if necessary, replace the ICCU and ICCU fuse. Dealers will also update the software with an improved version which further optimizes thermal management and peak voltage during operation. Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed May 1, 2024.

How Remedy Component Differs from Recalled Component : The ICCU software is an improved version which further optimizes thermal management and peak voltage during operation.

**Identify How/When Recall Condition was Corrected in Production :** Not applicable as the 2024MY EV6 vehicle production ended on 7/22/2024. Certain 2024MY EV6 vehicles not yet distributed to dealers will be repaired at the port prior to their distribution and thus are not included within the scope of this recall. No 2025MY EV6 vehicles have been produced.

### Recall Schedule :

**Description of Recall Schedule :** The planned dealer notification will begin and end on November 18th, 2024. The planned owner notification will begin and end on December 13, 2024.

**Planned Dealer Notification Date :** NOV 18, 2024 - NOV 18, 2024

**Planned Owner Notification Date :** DEC 13, 2024 - DEC 13, 2024

\* NR - Not Reported