

Part 573 Safety Recall Report

22V-322

Manufacturer Name : Kia Motors America

Submission Date : MAY 16, 2022

NHTSA Recall No. : 22V-322

Manufacturer Recall No. : SC236



Manufacturer Information :

Manufacturer Name : Kia Motors America

Address : 111 Peters Canyon Road
Irvine CA 92606

Company phone : 800-333-4542

Population :

Number of potentially involved : 9,014

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2022 Kia EV6

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Certain 2022 model year EV6 vehicles manufactured from November 17, 2021 through April 7, 2022.

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 Consumer Assistance Center or their Kia dealer.

Production Dates : NOV 17, 2021 - APR 07, 2022

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The subject vehicles are equipped with a shift-by-wire system that contains a Shifter Control Unit (SCU) and a parking pawl actuator motor. If a voltage fluctuation occurs when the vehicle is off and in the parked position, the command signal from the SCU to the parking pawl actuator may be affected, resulting in the temporary disengagement of the parking mechanism and potential vehicle rollaway.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Vehicle rollaway increases the risk of a crash and/or injuries.

Description of the Safety Risk :

Description of the Cause : Voltage fluctuation affecting the command signal from the SCU to the parking pawl actuator.

Identification of Any Warning that can Occur : N/A

Involved Components :

Component Name 1 : SBW Control Unit

Component Description : Shifter Control Unit

Component Part Number : 42951-18150

Supplier Identification :**Component Manufacturer**

Name : Hyundai KEFICO Corp.

Address : 102, Gosan-ro, Gyeonggi-do
Gunpo-si Foreign States 15849

Country : Korea, Republic of

Chronology :

See attached document titled "2022MY EV6 Shifter Control Unit 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. Dealers will be instructed to update the Shifter Control Unit (SCU) software to prevent any temporary disengagement of the parking mechanism. [Kia recommends that vehicle owners park their vehicles on a level ground and avoid parking on a slope/inclined surface whenever possible until the recall repair has been performed.] Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed May 10, 2022.

How Remedy Component Differs from Recalled Component : The SCU software update prevents the SCU from allowing the parking pawl to be moved out of the park (P) position.

Identify How/When Recall Condition was Corrected in Production : The improved software logic was applied to production on May 3, 2022. Model year 2022 EV6 vehicles manufactured from April 8, 2022 to May 3, 2022 are being updated with the improved software logic at the port before distribution to dealer and thus are not included in the scope of this recall.

Recall Schedule :

Description of Recall Schedule : Dealer Notification is scheduled to begin and end on May 16, 2022 and the Owner Notification is scheduled to begin and end on May 25, 2022.

Planned Dealer Notification Date : MAY 16, 2022 - MAY 16, 2022

Planned Owner Notification Date : MAY 25, 2022 - MAY 25, 2022

* NR - Not Reported