

Part 573 Safety Recall Report

22V-899

Manufacturer Name : Kia America, Inc.

Submission Date : DEC 06, 2022

NHTSA Recall No. : 22V-899

Manufacturer Recall No. : SC258



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 : 872

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2020-2020 Kia Niro EV

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Certain 2020 model year Niro EV vehicles manufactured from June 18, 2020 to September 4, 2020.

The recall population was determined by a review of Kia vehicle production and supplier 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 : JUN 18, 2020 - SEP 04, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The Electric Power Control Unit (EPCU) assembly in the subject vehicles may have been produced by the supplier with improper sealing. Due to this improper sealing, coolant can internally leak in the EPCU and contact the EPCU circuit board. If coolant contacts the EPCU circuit board, the vehicle may stall while driving.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A vehicle stall increases the risk of crash.

Description of the Cause : Improper sealing of the EPCU.

Identification of Any Warning that can Occur : The "Check Electric Vehicle System" warning light may illuminate.

Involved Components :

Component Name 1 : EPCU ASSY

Component Description : Electric Power Control Unit (EPCU) Assembly

Component Part Number : 36601-0E190

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 "2020MY Niro EV Electric Power 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. Kia will instruct dealers to inspect the Electric Power Control Unit (EPCU) for internal coolant leakage. If coolant leakage is identified, the EPCU will be replaced with an improved one. 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 : A properly sealed EPCU.

Identify How/When Recall Condition was Corrected in Production : The process to ensure EPCU's were properly sealed was corrected by the supplier on 7/6/2020. Model year 2020 Niro EV vehicles produced beginning on 9/5/2020 contain properly sealed EPCUs.

Recall Schedule :

Description of Recall Schedule : The planned dealer notification will begin and end on January 26, 2023. The planner owner notification will begin and end on January 31, 2023.

Planned Dealer Notification Date : JAN 26, 2023 - JAN 26, 2023

Planned Owner Notification Date : JAN 31, 2023 - JAN 31, 2023

* NR - Not Reported