

Part 573 Safety Recall Report

22V-836

Manufacturer Name : Kia America, Inc.**Submission Date :** NOV 14, 2022**NHTSA Recall No. :** 22V-836**Manufacturer Recall No. :** SC256**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 : 27,030

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2017-2018 Kia Niro

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : The 2017-2018 model year Niro Hybrid vehicles manufactured from November 1, 2016 to September 11, 2017 that were previously recalled under 18V666. The recall population was determined by a review of supplier and 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 01, 2016 - SEP 11, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The Power Relay Assembly (PRA) is located underneath the rear seat and consists of various components including the Main Relay. Inadequate connection between the Main Relay contacts can increase electrical resistance thereby generating heat. If sufficient heat is generated, thermal damage may occur to the rear seat, including the potential for a fire. Recall 18V666 addresses this concern by instructing dealers to inspect and replace the PRA if thermal damage is found or replace the Main Relay if no thermal damage is found. However, the subject vehicles may not have had the remedy relay installed during the 18V666 recall repair. As a result, the potential for a fire may still exist.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Increased electrical resistance between the main relay contacts can increase the risk of a thermal event, including the potential for a fire.

Description of the Cause : The subject vehicles may not have had the remedy relay installed during the 18V666 repair.

Identification of Any Warning that can Occur : Illumination of HEV warning light while driving and/or inability to start the vehicle

Involved Components :

Component Name 1 : Relay-High Voltage Main

Component Description : High Voltage Main Relay

Component Part Number : 37583-G2000

Supplier Identification :

Component Manufacturer

Name : LS IS CO., Ltd.

Address : 95, Beakbong-ro, Heung deok-gu
Chungcheongbuk-do Chungju-si, Foreign States 28439

Country : Korea, Republic of

Chronology :

See attached document titled "2017-2018MY Niro Hybrid PRA 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 Power Relay Assembly (PRA) for any signs of thermal damage. If any thermal damage is present, the PRA will be replaced with a new one. If no thermal damage is present and the original Main Relay (LS IS CO., Ltd.) is still installed, the Main Relay will be replaced with a new one (Panasonic). 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 : Proper connection between the Main Relay contacts supplied by Panasonic

Identify How/When Recall Condition was Corrected in Production : As identified in Recall 18V666, the recall condition was corrected in production when the Power Relay Assembly supplier was changed from LS IS CO., Ltd., to Panasonic on July 14, 2017. Based on both supplier and vehicle production records, the recalled components were installed in some vehicles produced thru September 11, 2017.

Recall Schedule :

Description of Recall Schedule : The dealer notification is scheduled to begin and end on January 5, 2023 and the owner notification is scheduled to begin and end on January 9, 2023.

Planned Dealer Notification Date : JAN 05, 2023 - JAN 05, 2023

Planned Owner Notification Date : JAN 09, 2023 - JAN 09, 2023

* NR - Not Reported