

Part 573 Safety Recall Report

18V-666

Manufacturer Name : Kia Motors America**Submission Date :** SEP 25, 2018**NHTSA Recall No. :** 18V-666**Manufacturer Recall No. :** SC168**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 : 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 : Some 2017-2018 MY Niro (HEV) vehicles produced from November 1, 2016 thru September 11, 2017.

The recall population was determined based on a review of supplier and vehicle production records. Inadequate connection between the Main Relay contacts in the recalled vehicles can increase electrical resistance thereby generating heat. 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 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.

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 : Inadequate connection between the Main Relay contacts.

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

Supplier Identification :

Component Manufacturer

Name : LS IS CO., Ltd
Address : 95, Beakbong-ro, Heung deok-gu
Chungju-si Chungcheongbuk-do FOREIGN STATES 28439
Country : Korea, Republic of

Chronology :

See attached document titled "2017-2018MY Niro HEV Power Relay Assembly Chronology"

Description of Remedy :

Description of Remedy Program : The recalled part is the Main Relay, part number PRA 37583-G2000.

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 for signs of thermal damage. If no thermal damage is found, the main relay will be replaced with a new one. If signs of thermal damage exist, the Power Relay Assembly will be replaced with a new one. Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed April 10, 2018.

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 : 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 for November 16, 2018, and the Owner Notification is scheduled for November 23, 2018.

Planned Dealer Notification Date : NOV 16, 2018 - NOV 16, 2018

Planned Owner Notification Date : NOV 23, 2018 - NOV 23, 2018

* NR - Not Reported