

Part 573 Safety Recall Report

23V-534

Manufacturer Name : Kia America, Inc.**Submission Date :** JUL 31, 2023**NHTSA Recall No. :** 23V-534**Manufacturer Recall No. :** SC276**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 : 121,411

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2017-2022 Kia Niro

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : All 2017-2022 model year Niro hybrid vehicles manufactured from November 1, 2016 through June 16, 2022 (104,907). The recall population was determined by a review of 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 : NOV 01, 2016 - JUN 16, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2022 Kia Niro Plug-in Hybrid

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : All 2018-2022 model year Niro Plug-in Hybrid vehicles manufactured from September 26, 2017 through April 13, 2022 (16,504). The recall population was determined by a review of 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 : SEP 26, 2017 - APR 13, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : The printed circuit board (PCB) in the Hydraulic Clutch Actuator (HCA) may become contaminated with fluid. A fluid contaminated PCB may lead to an electrical short circuit, thereby increasing the risk of an engine compartment fire while driving.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A fire increases the risk of injury.

Description of the Cause : An electrical short circuit due to fluid contamination on the Hydraulic Clutch Actuator printed circuit board.

Identification of Any Warning that can Occur : Illumination of the HEV warning light.

Involved Components :

Component Name 1 : ACTUATOR-ENGINE CLUTCH

Component Description : Hydraulic Clutch Actuator (2017MY)

Component Part Number : 41050-2B001

Component Name 2 : ACTUATOR-ENGINE CLUTCH

Component Description : Hydraulic Clutch Actuator (2017-2018MY)

Component Part Number : 41050-2B002

Component Name 3 : ACTUATOR-ENGINE CLUTCH

Component Description : Hydraulic Clutch Actuator (2019-2022MY)

Component Part Number : 41050-2B003

Supplier Identification :

Component Manufacturer

Name : Schaeffler Automotive Buehl GmbH & Co. K
Address : Bussmatten 2
Buhl Foreign States 77815
Country : Germany

Chronology :

See attached document titled "2017-2022MY Niro and 2018-2022MY Niro Plug-in Hybrid Hydraulic Clutch Actuator (HCA) 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 HCA and replace, if necessary. Kia will also install a new HCA fuse with one of a different capacity to mitigate the potential risk of fire caused by an electrical short circuit. 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 remedy component has a different capacity fuse.

Identify How/When Recall Condition was Corrected in Production : The recall condition was not corrected in production as the recall vehicles include all 2017-2022MY Niro hybrid and 2018-2022MY Niro Plug-in Hybrid vehicles. The 2023MY Niro hybrid and Plug-in Hybrid vehicles are equipped with a different actuator and thus outside the scope of this recall.

Recall Schedule :

Description of Recall Schedule : The dealer notification is scheduled to begin and end on September 26, 2023; and the owner notification is scheduled to begin and end on September 29, 2023.
Planned Dealer Notification Date : SEP 26, 2023 - SEP 26, 2023
Planned Owner Notification Date : SEP 29, 2023 - SEP 29, 2023

* NR - Not Reported