

Part 573 Safety Recall Report

23V-531

Manufacturer Name : Kia America, Inc.**Submission Date :** JUL 31, 2023**NHTSA Recall No. :** 23V-531**Manufacturer Recall No. :** SC275**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 : 39,765

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2023-2023 Kia Soul

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2023 model year Soul vehicles manufactured from November 9, 2022 to May 10, 2023 equipped with an Intelligent Variable Transmission (IVT) (20,453 units).

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 09, 2022 - MAY 10, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2023-2023 Kia Sportage

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2023 model year Sportage vehicles manufactured from November 2, 2022 to May 30, 2023 equipped with an 8-speed automatic transmission (4,411 units).

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 02, 2022 - MAY 30, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2023-2024 Kia Seltos

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2023-2024 model year Seltos vehicles manufactured from November 9, 2022 to May 29, 2023 equipped with an IVT (14,901 units).

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 09, 2022 - MAY 29, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The Multi-Layer Ceramic Capacitor (MLCC) located on the printed circuit board in the controller of the Idle Stop & Go (ISG) electric oil pump assembly for the transmission may have been damaged by the supplier during the manufacturing process. A damaged capacitor can cause an electrical short circuit while driving and may result in thermal damage isolated to the ISG electric oil pump circuit board, electrical connector and wiring harness. Thermal damage at the electric oil pump increases the risk of a fire.

FMVSS 1 : NR

FMVSS 2 : NR

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

Description of the Cause : Damaged capacitor resulting in an electrical short circuit.

Identification of Any Warning that can Occur : 1) Illumination of various warning lamps including electric power steering, Electronic Stability Control (ESC), Smart Cruise Control (SCC), Auto Hold, Forward Collision Avoidance (FCA), and Lane Keeping Assist (LKA) warning lamps, 2) ISG may become inoperative 3) vehicle may go into limp home mode, 4) inability to turn off engine, and 5) smoke from engine compartment.

Involved Components :

Component Name 1 : PUMP ASSY-ELECTRIC OIL

Component Description : ISG Electric Oil Pump Assembly (Soul / Seltos)

Component Part Number : 48110-2H100

Component Name 2 : PUMP ASSY-ELECTRIC OIL

Component Description : ISG Electric Oil Pump Assembly (Sportage)

Component Part Number : 46110-4G530

Supplier Identification :

Component Manufacturer

Name : Myunghwa

Address : 55 Dusan-ro, Geumcheon-gu
Seoul Foreign States 08524

Country : Korea, Republic of

Chronology :

See attached document titled "2023MY Soul and Sportage, 2023-2024MY Seltos Idle Stop & Go (ISG) Electric Oil Pump (EOP) 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 oil pump assembly, and if necessary, replace the electric oil pump controller with a new 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 : The electric oil pump assembly does not have a damaged electric oil pump controller.

Identify How/When Recall Condition was Corrected in Production : The electric oil pump assembly supplier, Myunghwa discontinued the use of the affected electric oil pump controller in its production as of March 17, 2023. As a result, the 2023MY Soul vehicles produced beginning on May 11, 2023, the 2023MY Sportage vehicles produced beginning on May 31, 2023 and the 2024MY Seltos vehicles produced beginning on May 30, 2023 are not equipped with an electric oil pump assembly with a potentially damaged electric oil pump controller.

Recall Schedule :

Description of Recall Schedule : The planned dealer notification will begin and end on September 21, 2023. The planned owner notification will begin and end on September 28, 2023.

Planned Dealer Notification Date : SEP 21, 2023 - SEP 21, 2023

Planned Owner Notification Date : SEP 28, 2023 - SEP 28, 2023

* NR - Not Reported