

# Part 573 Safety Recall Report

# 22V-760

**Manufacturer Name :** Kia America, Inc.**Submission Date :** OCT 11, 2022**NHTSA Recall No. :** 22V-760**Manufacturer Recall No. :** SC250**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 : 69,038

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2021-2022 Kia Sorento

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Certain 2021-2022 model year Sorento vehicles manufactured from October 26, 2020 through August 25, 2022 at Kia Georgia and equipped with 2.5L turbocharged gasoline direct injection (T-GDI) engines and 8-speed dual-clutch transmissions (DCT). (Sorento: 65,612 vehicles)

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 Consumer Assistance Center or their Kia dealer.

Production Dates : OCT 26, 2020 - AUG 25, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2023 Kia K5

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Certain 2021-2023 model year K5 vehicles manufactured from November 16, 2020 through August 12, 2022 at Kia Georgia and equipped with 2.5L turbocharged gasoline direct injection (T-GDI) engines and 8-speed dual-clutch transmissions (DCT). (K5: 3,426 vehicles)

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 Consumer Assistance Center or their Kia dealer.

**Production Dates :** NOV 16, 2020 - AUG 12, 2022

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** The electric oil pump within the 8-speed dual-clutch transmission (DCT) may experience an internal fault due to a quality deviation issue at the supplier. As a result, the subject vehicles may set a diagnostic trouble code with warnings and allow the vehicle to be driven normally for 20-30 seconds, followed by complete loss of motive power due to disengagement of the transmission drive gears.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** Loss of motive power increases the risk of a crash.

**Description of the Cause :** Detachment of a component of the electric oil pump circuit board due to insufficient soldering at the supplier.

**Identification of Any Warning that can Occur :** Audible "chimes", the message "stop safely immediately" on the instrument cluster and illumination of the malfunction indicator light (MIL)

## Involved Components :

Component Name 1 : PUMP ASSY-ELECTRIC OIL

Component Description : Electric Oil Pump Assembly

Component Part Number : 46220-2N510

## Supplier Identification :

### Component Manufacturer

Name : Myunghwa Ind. Co., Ltd.

Address : 194, Saneop-ro 156beon-gil,

Gwonseon-gu Suwon-si, Gyeonggi-do Foreign States 16648

Country : Korea, Republic of

## Chronology :

See attached document titled "2021-2022MY Sorento and 2021-2023MY K5 8-Speed Dual Clutch Transmission Electric Oil Pump 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 dealers will inspect and, if necessary, replace the transmission. Kia dealers will also reprogram the transmission control unit with updated software. 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 transmission has no electric oil pump circuit board quality deviation. In addition, the transmission control unit contains updated software.

**Identify How/When Recall Condition was Corrected in Production :** The transmission containing the electric oil pump circuit board with no quality deviation issue and the updated transmission control unit software logic were incorporated into production beginning on 8/26/2022 for the 2022 model year Sorento and on 8/13/2022 for the 2023 model year K5.

## Recall Schedule :

**Description of Recall Schedule :** The dealer notification is scheduled to begin and end on December 6, 2022 and the owner notification is scheduled to begin and end on December 9, 2022.

**Planned Dealer Notification Date :** DEC 06, 2022 - DEC 06, 2022

**Planned Owner Notification Date :** DEC 09, 2022 - DEC 09, 2022

\* NR - Not Reported