

# Part 573 Safety Recall Report

# 21V-519

**Manufacturer Name :** Kia Motors America**Submission Date :** JUL 08, 2021**NHTSA Recall No. :** 21V-519**Manufacturer Recall No. :** SC214**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 : 21,575

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2021-2021 Kia Sorento

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Certain 2021MY Sorento vehicles manufactured from October 26, 2020 through June 8, 2021 and 2021-2022MY K5 vehicles manufactured from November 16, 2020 through May 12, 2021 produced at Kia Georgia equipped with 2.5L Turbocharged engines supplied by the Hyundai Motor Manufacturing Alabama (HMMA) engine plant. [Sorento: 20,849; K5: 726]

The recall population was determined by a review of vehicle, engine supplier and fuel pipe supplier 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 Consumer Assistance Center or their Kia dealer.

Production Dates : OCT 26, 2020 - JUN 08, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2022 Kia K5

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Certain 2021MY Sorento vehicles manufactured from October 26, 2020 through June 8, 2021 and 2021-2022MY K5 vehicles manufactured from November 16, 2020 through May 12, 2021 produced at Kia Georgia equipped with 2.5L Turbocharged engines supplied by the Hyundai Motor Manufacturing Alabama (HMMA) engine plant. [Sorento: 20,849; K5: 726]

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**Production Dates :** NOV 16, 2020 - MAY 12, 2021

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** The fuel pipe connecting the high-pressure fuel pump to the fuel rail may have been installed in the 2.5L Turbocharged engines with insufficient torque during assembly at the HMMA engine plant. In addition, a limited number of fuel pipes may have been manufactured by the supplier out of specification for concentricity. As a result of insufficient torque or improper concentricity, fuel may leak at the pipe connections.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** Leaking fuel increases the risk of a fire.

**Description of the Cause :** Insufficient torque to fuel pipe fittings due to tightening tool angle at the HMMA engine plant. Improper concentricity of the pipe due to instability of the tooling machine pin at the supplier.

**Identification of Any Warning that can Occur :** Warnings to the driver include, fuel odor, smoke, burning/melting odor, and/or illumination of the Malfunction Indicator Light (MIL).

## Involved Components :

Component Name 1 : Pipe-High Pressure

Component Description : Fuel pipe connecting the high-pressure fuel pump to the fuel rail

Component Part Number : 35305-2S200

## Supplier Identification :

### Component Manufacturer

Name : Hyundai Motor Manufacturing Alabama

Address : 700 Hyundai Blvd

Montgomery Alabama 36105

Country : United States

## Chronology :

See attached document titled "2021MY Sorento & 2021-2022MY K5 Fuel Leak 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 to have the fuel pipe inspected to determine whether the pipe falls within the affected supplier lot. If the fuel pipe contains the affected lot date code, the fuel pipe will be replaced and tightened with proper torque. If the fuel pipe does not contain the affected lot date code, dealers will inspect the pipe for a fuel leak. If a fuel leak is found, the pipe will be replaced and tightened with proper torque. If no fuel leak is found, the fuel pipe will be checked to ensure it is tightened with proper torque.

Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed May 11, 2020.

How Remedy Component Differs : The fuel pipe has been manufactured to the correct concentricity specifications and the fuel pipe connection is properly torqued.

from Recalled Component :

**Identify How/When Recall Condition was Corrected in Production :** To address improper torque, an anti-tilt pad was added to prevent operators from tightening torque at an incorrect angle and the work standard was revised to ensure proper torque angle. These changes were implemented on engines produced at the HMMA engine plant starting on March 30, 2021. To address the concentricity issue, the fuel pipe supplier conducted tooling maintenance on January 11, 2021 and replaced the tooling machine inner diameter pin. The subject Sorento vehicles manufactured after June 8, 2021 and K5 vehicles manufactured after May 12, 2021 are not equipped with engines containing the recall condition.

### Recall Schedule :

**Description of Recall Schedule :** The Dealer Notification is scheduled for July 13, 2021 and the Owner Notification is scheduled for July 21, 2021.

**Planned Dealer Notification Date :** JUL 13, 2021 - JUL 13, 2021

**Planned Owner Notification Date :** JUL 21, 2021 - JUL 21, 2021

\* NR - Not Reported