



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V649

**Manufacturer Name:** Kia America, Inc.

**Submission Date:** Sep 29, 2025

**NHTSA Recall No.:** 25V649

**Manufacturer Recall No.:** SC351

### Manufacturer Information

### Population

**Manufacturer Name:** Kia America, Inc.

**Address:** 111 Peters Canyon Road  
Irvine CA, 92606

**Total number of potentially involved:** 39,536

**Estimated percentage with defect:** 1%

### Vehicle Information

**Vehicle 1:** 2021-2023 KIA SORENTO

**Product Category:** Light Vehicles

**Product Type:** Multipurpose Passenger Vehicle

**Fuel / Propulsion:** Spark Ignition Fuel

**Production Dates:** Sep 10, 2020 - Dec 29, 2023

**Number of potentially involved:** 39,536

#### Descriptive Information:

All 2021-2023 model year Kia Sorento LX vehicles manufactured from September 10, 2020 through December 29, 2023 manufactured at Kia Georgia.

The recall population was determined by a review of supplier and Kia vehicle 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 Customer Care Center or their Kia dealer.

### Defect / Noncompliance Description

#### Description of the defect or noncompliance:

Due to a suspected wire harness supplier quality issue, the connection between the blower motor resistor and connector can overheat when using the HVAC system on fan speed 3 while the ignition is on. In rare cases, this condition may lead to a fire.

**FMVSS1:**

**FMVSS2:**

**Description of the safety risk, including crash, fire, death, injury:**

# Part 573 Safety Recall Report

**25V649**

A fire increases the risk of injury.

**Description of the cause:**

Production variances due to quality control at supplier including thinner than nominal wiring gauge.

**Identification of any warning that can occur:**

Blower motor inoperable, burning/melting smell, and/or smoke from vents.

## Component Manufacturer

**Tier of Supplier:** Tier 2

**Supplier Type:** OEM

**Name:** Aptiv

**Address:** Av. Maestro Israel Cavazos Garza 300  
Valle de San Roque, Nuevo Leon Foreign States, 67192

**Country:** Mexico

## Involved Components

**Component Name 1:** WIRING ASSY-MAIN

**Component Description:** Main Wiring Assembly

**Component Part Number:** 91100-R5140

## Chronology

See attached document titled "2021-2023MY Sorento HVAC Wire Harness Chronology."

**Related NHTSA Recall Number:**

## Description of Remedy

**Remedy Type:** Replace

# Part 573 Safety Recall Report

# 25V649

**Consumer Advisories:** ☐ Do Not Drive ☐ Park Outside

## 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. Dealers will replace as a set both the blower motor resistor circuit harness with an improved one and blower motor resistor with a new one. Kia will reimburse owners for repair expenses already incurred pursuant to Kia's General Reimbursement Plan filed May 1, 2024.

## How remedy component differs from recalled component:

The remedy component contains a blower motor resistor circuit harness from a different supplier without any suspected quality control deviations.

## Identify how/when recall condition was corrected in production:

The recall condition was not corrected in production. The 2024MY Sorento vehicles are equipped with a different HVAC system and thus a different component than the recalled vehicles.

## Reimbursement Plan

Manufacturer used general reimbursement plan on file.

## Recall Schedule

### Description of recall schedule:

The planned dealer notification schedule is set to begin and end on September 26, 2025. The planned owner notification schedule is set to begin and end on November 24, 2025.

**Planned Dealer Notification Date:** Sep 26, 2025 - Sep 26, 2025 ☐ No Dealers

**Planned Interim Owner Notification Date:** Nov 24, 2025 - Nov 24, 2025 ☐ No Owners

**Planned Remedy Owner Notification Date:** Dec 31, 2025 - Dec 31, 2025 ☐ Phased Recall

**Date when VIN will be searchable:** Oct 09, 2025