

Part 573 Safety Recall Report

21V-331

Manufacturer Name : Kia Motors America**Submission Date :** MAY 10, 2021**NHTSA Recall No. :** 21V-331**Manufacturer Recall No. :** SC212**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 : 440,370

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2013-2015 Kia Optima

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2013-2015 model year Kia Optima (QF) vehicles manufactured from July 12, 2013 through October 2, 2015 and certain 2014-2015 model year Kia Sorento (XMa) vehicles manufactured from June 17, 2013 through December 11, 2014 at Kia Motors Manufacturing Georgia.

The recall population was determined by a review of 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 Consumer Assistance Center or their Kia dealer. (Optima 283,803 vehicles / Sorento 156,567 vehicles)

Production Dates : JUL 12, 2013 - OCT 02, 2015

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2014-2015 Kia Sorento

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2013-2015 model year Kia Optima (QF) vehicles manufactured from July 12, 2013 through October 2, 2015 and certain 2014-2015 model year Kia Sorento (XMa) vehicles manufactured from June 17, 2013 through December 11, 2014 at Kia Motors Manufacturing Georgia.

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Production Dates : JUN 17, 2013 - DEC 11, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Due to suspected supplier quality deviation issue, brake fluid may leak internally inside the Hydraulic Electronic Control Unit (HECU) which, over time, can result in an electrical short circuit. An electrical short circuit in the HECU increases the risk of an engine compartment fire while parked or driving.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An electrical short in the HECU increases the risk of a fire.

Description of the Cause : Leaking brake fluid internally in the HECU

Identification of Any Warning that can Occur : Illumination of the MIL and/or ABS warning light, burning/melting smell, smoke from engine compartment

Involved Components :

Component Name 1 : HECU

Component Description : Hydraulic Electronic Control Unit: Optima (QF) w/o Electric Parking Brake (EPB)

Component Part Number : 58920-2T870, 58920-2T550

Component Name 2 : HECU

Component Description : Hydraulic Electronic Control Unit: Optima (QF) w/ EPB

Component Part Number : 58920-4C870, 58920-4C550

Component Name 3 : HECU

Component Description : Hydraulic Electronic Control Unit: Sorento (XMa)

Component Part Number : 58920-1U000

Supplier Identification :

Component Manufacturer

Name : Mando America Corp. (Georgia Plant)

Address : 955 Meriwether Park Dr. Hogansville
Hogansville Georgia 30230

Country : United States

Chronology :

See attached document titled "2013-2015 Optima & 2014-2015 Sorento HECU 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 HECU inspected for leaking brake fluid in the HECU. If brake fluid is leaking, the HECU will be replaced with a new one. In addition, a new multi-fuse will be installed, which contains a 30-ampere fuse instead of a 40-ampere fuse for the HECU circuit, to prevent an over-current condition in HECU's electrical circuit board and mitigate the risk of a fire caused by an internal electrical short circuit.

Although Kia is unaware of any fires occurring while parked, Kia recommends that vehicle owners park their vehicles outdoors and away from other vehicles or structures until the recall repair has been performed.

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

How Remedy Component Differs from Recalled Component : The remedy component does not leak brake fluid.

Identify How/When Recall Condition was Corrected in Production : The 2016MY Optima (JFa) and Sorento (UMa) vehicles manufactured at KMMG have HECU's manufactured by a different supplier.

Recall Schedule :

Description of Recall Schedule : The dealer notification is scheduled for June 28, 2021, and the owner notification is scheduled to begin on July 2, 2021 and end on July 7, 2021.

Planned Dealer Notification Date : JUN 28, 2021 - JUN 28, 2021

Planned Owner Notification Date : JUL 02, 2021 - JUL 07, 2021

* NR - Not Reported