

Part 573 Safety Recall Report

23V-652

Manufacturer Name : Kia America, Inc.

Submission Date : SEP 25, 2023

NHTSA Recall No. : 23V-652

Manufacturer Recall No. : SC284



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 : 1,730,192

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2010-2019 Kia Borrego

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2010-2019 model year Borrego vehicles equipped with Electronic Stability Control manufactured from November 27, 2009 through June 14, 2018 sold only in the U.S. Territories (62 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 Consumer Assistance Center or their Kia dealer.

Production Dates : NOV 27, 2009 - JUN 14, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2014-2016 Kia Cadenza

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2014-2016 model year Cadenza vehicles equipped with Electronic Stability Control manufactured from February 1, 2013 through January 7, 2016 (30,362 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 Consumer Assistance Center or their Kia dealer.

Production Dates : FEB 01, 2013 - JAN 07, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2010-2013 Kia Forte/Forte Koup

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2010-2013 model year Forte/Forte Koup vehicles equipped with Electronic Stability Control manufactured from August 18, 2010 through March 22, 2013 (179,051 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 Consumer Assistance Center or their Kia dealer.

Production Dates : AUG 18, 2010 - MAR 22, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2015-2018 Kia K900

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2015-2018 model year K900 vehicles equipped with Electronic Stability Control manufactured from December 18, 2013 through October 30, 2017 (5,015 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 Consumer Assistance Center or their Kia dealer.

Production Dates : DEC 18, 2013 - OCT 30, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2011-2015 Kia Optima (Hwasung)

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2011-2015 model year Optima vehicles equipped with Electronic Stability Control manufactured at Hwasung plant from August 12, 2010 through July 23, 2015 (148,753 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 Consumer Assistance Center or their Kia dealer.

Production Dates : AUG 12, 2010 - JUL 23, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2012-2013 Kia Optima (Kia Georgia)

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2012-2013 model year Optima vehicles equipped with Electronic Stability Control manufactured at Kia Georgia from August 12, 2011 through July 11, 2013 (234,629 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 Consumer Assistance Center or their Kia dealer.

Production Dates : AUG 12, 2011 - JUL 11, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2011-2013 Kia Optima Hybrid

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Certain 2011-2013 model year Optima Hybrid vehicles equipped with Electronic Stability Control manufactured from February 15, 2011 through December 12, 2013 (32,891 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 Consumer Assistance Center or their Kia dealer.

Production Dates : FEB 15, 2011 - DEC 12, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2012-2017 Kia Rio

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2012-2017 model year Rio vehicles equipped with Electronic Stability Control manufactured from June 21, 2011 through March 31, 2017 (207,746 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 Consumer Assistance Center or their Kia dealer.

Production Dates : JUN 21, 2011 - MAR 31, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2011-2014 Kia Sorento

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2011-2014 model year Sorento vehicles equipped with Electronic Stability Control manufactured from March 3, 2010 through June 14, 2013 (397,163 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 Consumer Assistance Center or their Kia dealer.

Production Dates : MAR 03, 2010 - JUN 14, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 10 : 2011-2013 Kia Soul

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2011-2013 model year Soul vehicles equipped with Electronic Stability Control manufactured from June 9, 2010 through October 2, 2013 (349,309 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 Consumer Assistance Center or their Kia dealer.

Production Dates : JUN 09, 2010 - OCT 02, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 11 : 2010-2013 Kia Sportage

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2010-2013 model year Sportage vehicles equipped with Electronic Stability Control manufactured from May 26, 2009 through October 7, 2013 (143,615 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 Consumer Assistance Center or their Kia dealer.

Production Dates : MAY 26, 2009 - OCT 07, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 12 : 2010-2010 Kia Rondo

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2010 model year Rondo vehicles equipped with Electronic Stability Control manufactured from September 19, 2009 through July 30, 2010 (1,484 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 Consumer Assistance Center or their Kia dealer.

Production Dates : SEP 19, 2009 - JUL 30, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 13 : 2011-2011 Kia Rondo

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

Descriptive Information : Certain 2011 model year Rondo vehicles equipped with Electronic Stability Control manufactured from July 21, 2010 through February 9, 2011 and sold only in the U.S. Territories (112 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 Consumer Assistance Center or their Kia dealer.

Production Dates : JUL 21, 2010 - FEB 09, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : An engine compartment fire may occur in the area where the Hydraulic Electronic Control Unit (HECU) is located. It is believed that over time, the HECU experiences an electrical short circuit condition that results in excessive current, thereby increasing the risk of an engine compartment fire while driving or parked. However, the exact cause of the electrical short circuit remains unknown.

FMVSS 1 : NR

FMVSS 2 : NR

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

Description of the Cause : It is believed that a short circuit may result in excessive current within the HECU. Exact cause of the short circuit remains unknown.

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

Involved Components :

Component Name 1 : HECU

Component Description : Hydraulic Electronic Control Unit

Component Part Number : 58920-*****

Component Name 2 : HECU

Component Description : Hydraulic Electronic Control Unit

Component Part Number : 58910-*****

Supplier Identification :

Component Manufacturer

Name : Mando

Address : 32 Hamanho-gil, Poseung-eup,
Gyeonggi-do Pyeongtaek-si Foreign States 17962

Country : Korea, Republic of

Chronology :

See attached document titled "Multiple Kia Models 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. Kia dealers will be instructed to install new fuse(s) to prevent an overcurrent condition in the HECU's electrical circuit board. As a precautionary measure, customers will be instructed to park their vehicles outside and away from structures until the recall remedy is performed.

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 : Remedy component has a lower fuse amperage.

Identify How/When Recall Condition was Corrected in Production : No changes were made during the production of the subject vehicles.

Recall Schedule :

Description of Recall Schedule : The dealer notification is scheduled to begin and end on November 10, 2023. The owner notification is scheduled to begin on November 14, 2023 and end on November 23, 2023.

Planned Dealer Notification Date : NOV 10, 2023 - NOV 10, 2023

Planned Owner Notification Date : NOV 14, 2023 - NOV 23, 2023

* NR - Not Reported