

# Part 573 Safety Recall Report

# 22V-031

**Manufacturer Name :** Kia Motors America**Submission Date :** JAN 25, 2022**NHTSA Recall No. :** 22V-031**Manufacturer Recall No. :** SC226**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 : 410,619

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2017-2019 Kia Soul

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

**Descriptive Information :** Certain 2017-2019 model year Soul vehicles manufactured from July 25, 2016 through December 24, 2018. (253,281 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 :** JUL 25, 2016 - DEC 24, 2018

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2017-2019 Kia Sedona

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Certain 2017-2019 model year Sedona vehicles manufactured from 7/12/2016 through January 10, 2019. (47,690 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 :** JUL 12, 2016 - JAN 10, 2019

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2017-2019 Kia Soul EV

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

**Descriptive Information :** Certain 2017-2019 model year Soul EV vehicles manufactured from May 18, 2017 through September 28, 2018. (953 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 :** MAY 18, 2017 - SEP 28, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 4 : 2017-2018 Kia Forte

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** Certain 2017-2018 model year Forte vehicles manufactured from March 2, 2017 through July 27, 2018. (108,693 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 :** MAR 02, 2017 - JUL 27, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 5 : 2017-2017 Kia Forte Koup

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : GAS

**Descriptive Information :** All 2017 model year Forte Koup vehicles manufactured on October 4, 2016. (2 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 04, 2016 - OCT 04, 2016

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

**Description of Defect :**

Description of the Defect : Due to variances in the manufacturing of the Airbag Control Unit (ACU), contact between the ACU cover and the Electrically Erasable Programmable Read-Only Memory (EEPROM) chip on the ACU's Printed Circuit Board (PCB) may occur and cause damage to the EEPROM's soldering joints resulting in an open circuit. If this condition occurs, the Airbag Warning Light will illuminate with diagnostic trouble code B1620 and the vehicle's airbags will not deploy in crashes where deployment is necessary, thereby increasing the risk of injury.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Non-deployment of an airbag in a crash where deployment is necessary increases the risk of injury.

Description of the Cause : Damage to the EEPROM's soldering joints due to potential contact between the ACU cover and the EEPROM.

Identification of Any Warning that can Occur : None

**Involved Components :**

Component Name 1 : MODULE ASSY-AIR BAG

Component Description : Airbag Module Assembly (i.e., Airbag Control Unit)

Component Part Number : Sedona: 95910-A9000, 95910-A9050

Component Name 2 : MODULE ASSY-AIR BAG

Component Description : Airbag Module Assembly (i.e., Airbag Control Unit)

Component Part Number : Soul: 95910-B2050, 95910-B2600

Component Name 3 : MODULE ASSY-AIR BAG

Component Description : Airbag Module Assembly (i.e., Airbag Control Unit)

Component Part Number : Soul EV: 95910-E4000, 95910-E4050

Component Name 4 : MODULE ASSY-AIR BAG

Component Description : Airbag Module Assembly (i.e., Airbag Control Unit)

Component Part Number : Forte: 95910-A7920, 95910-B0000, 95910-B0100

Component Name 5 : MODULE ASSY-AIR BAG

Component Description : Airbag Module Assembly (i.e., Airbag Control Unit)

Component Part Number : Forte Koup: 95910-A7920

## Supplier Identification :

### Component Manufacturer

Name : Hyundai Mobis

Address : 95, Sayang 2-gil, Munbaek-myeon

Jincheon-gun, Chungcheongbuk-do Foreign States 27862

Country : Korea, Republic of

## Chronology :

See attached document titled "2017-2019MY Sedona, Soul, Soul EV, 2017-2018MY Forte and 2017MY Forte Koup ACU Cover Contact 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. If the Airbag Warning Light (ABWL) is illuminated and the ABWL is due to existence of diagnostic trouble code B1620, the dealer will replace the Airbag Control Unit with an improved one. If the ABWL is not illuminated, a software update will be installed to the Airbag Control Unit to ensure deployment of the airbag(s) in the event of a crash that warrants such protection even if the recall condition related to DTC B1620 occurs in the future. 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 contains a different PCB with a different EEPROM location thereby preventing contact between the ACU cover and EEPROM.

**Identify How/When Recall Condition was Corrected in Production :** 2019MY Sedona vehicles manufactured after January 10, 2019 were equipped with an improved ACU. A different ACU was installed in the new generation Soul beginning with the 2020MY and new generation Forte beginning with the 2019MY. The 2020MY Soul EV was not distributed for sale in the U.S. market. The Forte Koup was no longer produced for sale in the U.S. after model year 2017.

**Recall Schedule :**

**Description of Recall Schedule :** Dealer Notification is scheduled to start and end on March 17, 2022; Owner Notification is scheduled to start on March 21, 2022 and end on March 25, 2022.

**Planned Dealer Notification Date :** MAR 17, 2022 - MAR 17, 2022

**Planned Owner Notification Date :** MAR 21, 2022 - MAR 25, 2022

\* NR - Not Reported