

# Part 573 Safety Recall Report

# 23V-724

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

**Submission Date :** OCT 30, 2023

**NHTSA Recall No. :** 23V-724

**Manufacturer Recall No. :** SC287



## 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 :** 6,262

**Estimated percentage with defect :** 1 %

## Vehicle Information :

**Vehicle 1 :** 2015-2019 Kia Soul EV

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** ALL

**Power Train :** HYBRID ELECTRIC

**Descriptive Information :** All 2015-2019 model year Soul EV vehicles manufactured from July 15, 2014 through September 28, 2018.

The recall population was determined by a review of vehicle production. 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 15, 2014 - SEP 28, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** When the vehicle is left unattended while powered ON and the parking brake is not manually engaged, unintended vehicle movement may occur intermittently even though the gear shift lever is in the "P" (Park) position. This is caused by intermittent failure of the parking pawl to engage the parking gear, which Kia suspects is due to damage to the parking mechanism within the GDU.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** Unintended vehicle movement can increase the risk of a crash.

**Description of the Cause :** Intermittent failure of the parking pawl to engage the parking gear.

**Identification of Any Warning that can Occur :** None.

## Involved Components :

Component Name 1 : GEAR DRIVE UNIT ASSY

Component Description : Gear Drive Unit (GDU) Assembly

Component Part Number : 44500-18400

Component Name 2 : GEAR DRIVE UNIT ASSY

Component Description : Gear Drive Unit (GDU) Assembly

Component Part Number : 44500-18410

## Supplier Identification :

### Component Manufacturer

Name : Hyundai Transys

Address : 105, Sindang 1-ro, Seongyeon-myeon,  
Seosan-si Chungcheongnam-do Foreign States 31930

Country : Korea, Republic of

## Chronology :

See attached document titled "2015-2019MY Soul EV Gear Drive Unit 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. Dealers will be instructed to update the Electronic Control Unit software for the Electronic Parking Brake (EPB) logic so that the EPB automatically activates when the gear shift lever is in the "P" (Park) position regardless of whether the vehicle is powered ON or OFF. [ This recall replaces the prior 20V389 recall involving the 2015-2016MY Soul EV vehicles and is required regardless of whether those vehicles received the software update under that prior recall. To prevent any intermittent unintended vehicle movement prior to completion of this recall, Kia recommends vehicle owners move the gear shifter in the 'P' (Parking) position and manually engage the EPB prior to exiting the vehicle. ] 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 : Not applicable.

Identify How/When Recall Condition was Corrected in Production : Not applicable. The 2019MY Soul EV is the last model year of that vehicle sold in the U.S.

**Recall Schedule :**

Description of Recall Schedule : The planned dealer notification is scheduled to begin and end on December 19, 2023. The planned owner notification is scheduled to begin and end on December 22, 2023.

Planned Dealer Notification Date : DEC 19, 2023 - DEC 19, 2023

Planned Owner Notification Date : DEC 22, 2023 - DEC 22, 2023

\* NR - Not Reported