

# Part 573 Safety Recall Report

# 24V-271

**Manufacturer Name :** Kia America, Inc.**Submission Date :** APR 16, 2024**NHTSA Recall No. :** 24V-271**Manufacturer Recall No. :** SC308**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 : 8

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2023-2023 Kia Niro EV

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Certain 2023 model year Niro EV vehicles manufactured from November 7, 2022 through May 16, 2023 (4 units).

The recall population was determined by a review of vehicle and supplier 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.

Production Dates : NOV 07, 2022 - MAY 16, 2023

VIN Range 1 : Begin : NR

End : NR

 Not sequential

Vehicle 2 : 2024-2024 Kia EV9

Vehicle Type : LIGHT VEHICLES

Body Style : ALL

Power Train : HYBRID ELECTRIC

Descriptive Information : Certain 2024 model year EV9 vehicles manufactured from October 27, 2023 through December 14, 2023 (4 units).

The recall population was determined by a review of vehicle and supplier 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.

Production Dates : OCT 27, 2023 - DEC 14, 2023

VIN Range 1 : Begin : NR

End : NR

 Not sequential

**Description of Defect :**

Description of the Defect : The differential gear bolts within the vehicle's Gear Drive Unit (GDU) may not have been properly torqued during the assembly by the differential gear supplier. Over time, the differential bolts within the GDU may loosen and damage the GDU housing and/or reduction gear while driving. Continued driving with a grinding noise from a damaged GDU housing or reduction gear may result in a loss of motive power and/or cause the differential to lock up.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A loss of motive power and/or differential lock up increases the risk of a crash.

Description of the Cause : Improperly torqued differential gear bolts.

Identification of Any Warning that can Occur : Grinding noise while driving.

**Involved Components :**

Component Name 1 : NIRO EV: MOTOR-GDU ASSY

Component Description : Gear Drive Unit Assembly

Component Part Number : 36501-0EDA0

Component Name 2 : EV9: MOTOR-GEAR DRIVE UNIT ASSY, RR

Component Description : Gear Drive Unit Assembly

Component Part Number : 44000-18MD0

**Supplier Identification :****Component Manufacturer**

Name : Hyundai Transys

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

Country : Korea, Republic of

**Chronology :**

See attached document titled "2023MY Niro EV & 2024MY EV9 Gear Drive Unit (GDU) 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 replace the Gear Drive Unit with a new one.

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 :** The differential gear bolts in the remedy component have been properly torqued.

**Identify How/When Recall Condition was Corrected in Production :** Niro EV vehicles manufactured beginning on 5/17/2023 and EV9 vehicles manufactured beginning 12/15/2023 are equipped with Gear Drive Units with properly torqued differential bolts

**Recall Schedule :**

**Description of Recall Schedule :** The planned dealer notification begin and end date is April 19, 2024. The planned owner notification begin and end date is May 17, 2024.

**Planned Dealer Notification Date :** APR 19, 2024 - APR 19, 2024

**Planned Owner Notification Date :** MAY 17, 2024 - MAY 17, 2024

\* NR - Not Reported