

# Part 573 Safety Recall Report

# 21V-127

**Manufacturer Name :** Hyundai Motor America**Submission Date :** MAR 01, 2021**NHTSA Recall No. :** 21V-127**Manufacturer Recall No. :** 200**Manufacturer Information :**

Manufacturer Name : Hyundai Motor America

Address : 10550 Talbert Avenue

Fountain Valley CA 92708

Company phone : 800-633-5151

**Population :**

Number of potentially involved : 4,696

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2019-2020 Hyundai Kona Electric

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : 4694 model year 2019-2020 Hyundai Kona Electric produced from August 28, 2018 through March 2, 2020 by Hyundai Motor Company ("HMC") in South Korea for sale in the U.S. market and that did not receive a battery replacement under Recall 196.

Production Dates : AUG 28, 2018 - MAR 02, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2020 Hyundai Ioniq Electric

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : 2 model year 2020 Hyundai Ioniq Electric vehicles produced from November 8, 2019 through November 11, 2019 by Hyundai Motor Company ("HMC") in South Korea for sale in the U.S. market.

Production Dates : NOV 08, 2019 - NOV 11, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with battery cells manufactured in the LG Energy Solutions China (Nanjing) plant in which the Anode (Negative) tab can be folded. A folded Anode tab in the battery cell could allow the Lithium plating on the Anode tab to contact the Cathode resulting in an electrical short.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An electrical short internally within battery cell(s) increases the risk of a vehicle fire while parked, charging and/or driving.

Description of the Cause : Anode tabs folded during manufacture of the battery cells.

Identification of Any Warning that can Occur :

1. Smoke.
2. Burning/melting odor.
3. Illumination of the MIL and/or battery light.

## Involved Components :

Component Name 1 : Battery System Assembly

Component Description : Lithium-ion electric battery

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : LG Energy Solutions

Address : NR

Foreign States

Country : Korea, Republic of

## Chronology :

Please see Attachment A for the requested chronology of events.

## Description of Remedy :

Description of Remedy Program : Hyundai plans to notify owners to bring their vehicles to the nearest Hyundai dealership for replacement of the BSA. As an interim step, Hyundai plans to notify owners to bring their vehicles to the nearest dealership to have the battery's state of charge limit lowered to mitigate risk. Owners will also be provided with instructions to manually lower the battery's state of charge limit via the infotainment system. If customers are unable to successfully make these changes, or do not feel comfortable making these changes, they will be advised to not park their car inside, in their garage or carport until after they have visited their dealer.

These procedure(s) will be performed at no charge. Hyundai will provide reimbursement to owners for repairs according to the plan submitted on May 16, 2018.

How Remedy Component Differs from Recalled Component : The remedy battery will be produced with insulation coating on the cathode within the battery cells.

Identify How/When Recall Condition was Corrected in Production : The insulation coating was introduced into production on March 3, 2020.

## Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified in late April.

Planned Dealer Notification Date : APR 30, 2021 - APR 30, 2021

Planned Owner Notification Date : APR 30, 2021 - APR 30, 2021

\* NR - Not Reported