

Part 573 Safety Recall Report

22V-459

Manufacturer Name : Hyundai Motor America**Submission Date :** JUN 28, 2022**NHTSA Recall No. :** 22V-459**Manufacturer Recall No. :** 232**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 : 10,575

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2017-2018 Hyundai Ioniq HEV

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : The subject population includes all previously recalled model year 2017-2018 Hyundai Ioniq Hybrid vehicles specified for Recall 178.

Production Dates : NOV 16, 2016 - AUG 16, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2017-2018 Hyundai Ioniq PHV

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : The subject population includes all previously recalled model year 2017-2018 Hyundai Ioniq Plug-In Hybrid vehicles specified for Recall 178.

Production Dates : AUG 10, 2017 - AUG 11, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles may not have received the proper remedy components under Recall 178, a safety recall addressing an electrical pin fit condition on the main relays within the PRA that, if continually operated in this condition, could increase electrical resistance thereby generating heat and increasing the risk of a fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Increased electrical resistance between the main relay contacts can increase the risk of a thermal event, including the potential for a fire.

Description of the Cause : Loose connection between the main relay contacts.

Identification of Any Warning that can Occur : Illumination of the HEV warning light while driving and/or an inability to start the vehicle.

Involved Components :

Component Name 1 : PRA

Component Description : POWER RELAY ASSEMBLY

Component Part Number : 37514-G2100QQH

Component Name 2 : MAIN RELAY

Component Description : Main relay within PRA

Component Part Number : 37583-A8000QQH

Supplier Identification :

Component Manufacturer

Name : LS IS CO., Ltd

Address : 95, Beakbong-ro

Heung deok-gu Chungju-si, Chungcheongbuk-do Foreign States

Country : Korea, Republic of

Chronology :

Please see Attachment A for the requested chronology of events leading up to defect decision.

Description of Remedy :

Description of Remedy Program : All owners of the affected vehicles will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer to have the previously applied remedy inspected and remedy components (main power relay or PRA) replaced, if necessary.

This remedy will be offered at no cost to owners for all affected vehicles, regardless of whether the affected vehicles are still covered under Hyundai's New Vehicle Limited Warranty. Additionally, Hyundai will provide owners of affected vehicles reimbursement for out-of-pocket expenses incurred to obtain a remedy for the recall condition in accordance with the reimbursement plan submitted to NHTSA on February 24, 2022.

How Remedy Component Differs from Recalled Component : The new main relay is produced by a different supplier and ensures a proper connection between the main relay contacts.

Identify How/When Recall Condition was Corrected in Production : The new main relays were used in all of production starting from August 16, 2017.

Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified in accordance with the specified dates.

Planned Dealer Notification Date : AUG 26, 2022 - AUG 26, 2022

Planned Owner Notification Date : AUG 26, 2022 - AUG 26, 2022

* NR - Not Reported