

Part 573 Safety Recall Report

24V-761

Manufacturer Name : Hyundai Motor America**Submission Date :** NOV 19, 2024**NHTSA Recall No. :** 24V-761**Manufacturer Recall No. :** 269**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 : 1,545

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2024 Hyundai Nexa

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Based on manufacturing records, the subject population includes certain model year 2019-2024 Hyundai Nexa vehicles produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : AUG 10, 2018 - AUG 25, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The subject vehicles are equipped with a Thermally-activated Pressure Relief Device ("TPRD") that vents hydrogen gas to the atmosphere to prevent over-pressurization of the hydrogen fuel tank in the event of overheating in the local area around the hydrogen fuel tanks. The TPRD is designed to vent gas through a glass bulb-type release mechanism that fractures when a specific operating temperature is reached. The glass bulb-type mechanism in the subject vehicles could prematurely fracture due to microcracks in the glass, which could lead to inadvertent discharge of hydrogen gas during normal vehicle operation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Hydrogen gas leaking in confined areas with the presence of an ignition source may increase the risk of a vehicle fire while parked.

Description of the Cause : The glass bulb-type TPRD in the subject vehicles could prematurely fracture due to microcracks in the glass, which could lead to cause inadvertent discharge of hydrogen gas during normal vehicle operation.

Identification of Any Warning that can Occur : During the event, a loud wind-rushing noise can be heard accompanied by a white fog-like cloud near the rear of the vehicle. Additionally, the fuel gauge will quickly lower, and the malfunction indicator lamp (MIL) will illuminate in the cluster.

Involved Components :

Component Name 1 : Thermally-activated Pressure Relief Device

Component Description : Thermally-activated Pressure Relief Device

Component Part Number : 35940-M5010

Supplier Identification :

Component Manufacturer

Name : Youngdo Industry

Address : 22, Noksansaneopjung-ro, Gangeseo-gu
Busan Foreign States

Country : Korea, Republic of

Chronology :

Please see Attachment A for the requested chronology.

Description of Remedy :

Description of Remedy Program : Owners can continue driving these vehicles; however, Hyundai recommends parking their vehicles outside and away from structures until the recall remedy is completed. All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer to replace the TPRD. 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 22, 2024.

How Remedy Component Differs from Recalled Component : The remedy component is a new metal-type TPRD and replaces the original glass-type version being recalled.

Identify How/When Recall Condition was Corrected in Production : The metal-type TPRD was implemented as a production running change on May 21, 2024.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified electronically on the specified dates. Owners will be notified by certified mail on the specified dates.

Planned Dealer Notification Date : DEC 10, 2024 - DEC 10, 2024

Planned Owner Notification Date : JAN 06, 2025 - JAN 17, 2025

* NR - Not Reported