

# Part 573 Safety Recall Report

# 23V-599

**Manufacturer Name :** Hyundai Motor America**Submission Date :** AUG 25, 2023**NHTSA Recall No. :** 23V-599**Manufacturer Recall No. :** 249**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 : 63

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2024-2024 Hyundai Palisade

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** The subject population includes approximately 63 model year 2024 Hyundai Palisade vehicles equipped with "Dark Premium" suede seats and produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Production Dates : JUL 04, 2023 - JUL 19, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** The subject vehicles are equipped with an Occupant Detection System ("ODS") that may have been improperly calibrated by the supplier. An improperly calibrated ODS might not detect the passenger-side occupant, resulting in suppression of the passenger-side frontal airbags and increased risk of injury to occupants of the passenger seat. As such, these vehicles would fail to comply with Federal Motor Vehicle Safety Standard No. 208, "Occupant Class Protection."

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

**Description of the Safety Risk :** Nondeployment of the passenger-side frontal airbags could increase the risk of injury to passenger occupants during a crash.

**Description of the Cause :** The ODS calibration used in the subject vehicles is specified for a different seat material type (standard leather).

**Identification of Any Warning that can Occur :** The passenger "AIRBAG OFF" lamp will illuminate.

**Involved Components :**

Component Name 1 : OCCUPANT DETECTION SYSTEM

Component Description : ODS controller

Component Part Number : 80700-S8050

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

Name : IEE Sensing Korea

Address : 278 Beotkkot-Ro, Geumcheon-Gu

Room 407 Seoul Foreign States 08511

Country : Korea, Republic of

**Chronology :**

On August 7, 2023, HMC was informed by the ODS supplier that certain “Dark Premium” suede seat assemblies were equipped with an ODS software calibration designed and intended for seats produced with standard leather. According to the supplier, use of an improper ODS calibration could inadvertently suppress the passenger-side frontal airbags, preventing commanded deployment of the airbags in a crash.

On August 18, 2023, HMC informed NASO of the supplier’s findings. NASO quickly performed a market field data analysis and convened its North America Safety Decision Authority and decided to conduct a noncompliance recall of all affected vehicles in the U.S. citing a failure to comply with the requirements set forth in FMVSS No. 208, “Occupant Class Protection.”

As of the date of this filing, there are no incidents, confirmed crashes, fires, or injuries related to the subject condition in the U.S.

## 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 Hyundai dealer to update the calibration software in the ODS. 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 ODS software contains the correct calibration for the suede "Dark Premium" seats.

Identify How/When Recall Condition was Corrected in Production : The ODS software was corrected by the supplier on August 7, 2023, as a production running change.

## Recall Schedule :

Description of Recall Schedule : Dealers and owners will be notified on the specified dates.

Planned Dealer Notification Date : OCT 24, 2023 - OCT 24, 2023

Planned Owner Notification Date : OCT 24, 2023 - OCT 24, 2023

\* NR - Not Reported