



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V833

Manufacturer Name: Hyundai Motor America

Submission Date: Dec 01, 2025

NHTSA Recall No.: 25V833

Manufacturer Recall No.: 030G

Manufacturer Information

Population

Manufacturer Name: Hyundai Motor America

Address: 10550 Talbert Avenue
Fountain Valley CA, 92708

Total number of potentially involved: 483

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2023-2026 GENESIS G90

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Spark Ignition Fuel

Production Dates: Apr 21, 2022 - Oct 13, 2025

Number of potentially involved: 483

Descriptive Information:

Based on manufacturing and sales records, the subject vehicles include certain model year 2023-2026 Genesis G90 vehicles produced on the specified dates by Hyundai Motor Company ("HMC") for sale in the U.S. market.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The subject vehicles are equipped with Highway Drive Assist ("HDA"), an advanced driving assistance system that allows semi-autonomous driving on limited-access highways with continuous, direct supervision by the driver. The vehicles may falsely detect another vehicle entering its lane of travel and apply the brakes without warning when HDA is enabled at speeds below approximately 12mph or when HDA is enabled along with the Lane Change Assist ("LCA") feature, activated by the driver moving the turn signal lever to the desired direction to change lanes.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

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Sudden unintended braking while driving can increase the risk of a crash.

Description of the cause:

For vehicles in the Savile Silver exterior color, the front corner radar signals may reflect off the Aluminum content in the silver bumper cover paint and pass through the front bumper beam. These signals may be registered as an object in the opposing lane and can potentially affect Highway Driving Assist (HDA) operation.

Identification of any warning that can occur:

The vehicle will display an object in the instrument panel when HDA is enabled. If the LCA is activated by the driver, there will be an audible chime.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: Aptiv Korea

Address: 2302 Yonggug-daero
Giheung-gu
Gyeonggi-do Foreign States

Country: Korea, Republic Of

Involved Components

Component Name 1: Front Corner Radar – LH

Component Description: A radar sensor mounted on the vehicle's corners, used for detecting nearby objects and assisting in driver safety systems

Component Part Number: 99120-T4100

Component Name 2: Front Corner Radar – RH

Component Description: A radar sensor mounted on the vehicle's corners, used for detecting nearby objects and assisting in driver safety systems

Component Part Number: 99130-T4100

Chronology

February 27, 2025 – HMNA received a field report indicating a false vehicle detection condition while using the HDA feature on a model year 2024 G90 vehicle in the U.S. market. HMNA's North America

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Safety Office (“NASO”) begins monitoring field information for emerging trends of similar reports.

April 24, 2025 – NASO initiated a new investigation into the subject condition and began tracking and analyzing market field information.

May 15, 2025 to July 28, 2025 – NASO reviewed U.S. market field data and worked to recover components from field vehicles. NASO conducted testing of warranty part returns and replicated the false detection only on Savile silver painted bumper covers.

August through early October 2025 – NASO requested manufacturing records to confirm aluminum content differences by color and reviewed the data acquired by NASO’s testing with HMC R&D. As a result, HMC confirmed that only the silver paint (paint code: SSS) contained a significant amount of aluminum, which could scatter the radar signal.

October 17, 2025 – NASO reviewed the investigation status with the National Highway Transportation Safety Administration’s Office of Defect Investigations.

October 23, 2025 – October 30, 2025 – NASO installed silver painted bumper covers on an internal vehicle and conducted duplication testing to understand braking severity under various scenarios. NASO provided the testing data to HMC R&D and requested detailed logic and analysis of the various scenarios identified during the testing.

November 11, 2025 – HMC R&D provided an analysis of the radar transmission mechanism and the extent of braking that may occur when using the LCA feature and without the LCA feature at low speed (<12 MPH) if the vehicle falsely detects another vehicle entering its lane of travel.

November 21, 2025 – NASO convened it’s North America Safety Decision Authority (“NASDA”) to review its findings and decided to conduct a safety recall of potentially affected U.S. market vehicles.

As of the date of this filing, HMNA is aware of 11 unique reports of HDA false detection received from April 24, 2023, through April 2, 2025, from affected vehicles in the U.S. market.

Vehicle	Receipt Date
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KMTFB4SD1PU*****	4/24/2023
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KMTFB4SD9PU*****	2/28/2024
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KMTFC4SD3RU*****	7/17/2024
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KMTFC4SD4PU*****	7/24/2024
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KMTFC4SD0RU*****	10/8/2024
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KMTFC4SD1RU*****	10/23/2024
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KMTFC4SD2PU*****	1/8/2025
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KMTFC4SD7RU*****	1/21/2025
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KMTFC4SD0RU*****	2/8/2025
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KMTFC4SD0SU*****	3/10/2025
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KMTFC4SD1RU*****	4/2/2025
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There are no crashes, injuries, fatalities, or fires related to the recall condition in the U.S.

Related NHTSA Recall Number:

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Description of Remedy

Remedy Type: Replace

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Hyundai advises all owners to refrain from using the HDA feature on their vehicles until the remedy has been completed. All owners of the subject vehicles will be notified by first class mail with instructions to bring their vehicles to a Genesis retailer for replacement of the front bumper beam. This remedy will be offered at no cost to owners for all affected vehicles, regardless of whether the affected vehicles are still covered under Genesis New Vehicle Limited Warranty. Additionally, Genesis 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 front bumper beam has been sealed to prevent radar transmission through the structure.

Identify how/when recall condition was corrected in production:

The Savile silver color (code: SSS) stopped production November 2, 2025.

The sealed front bumper beam will be implemented in production prior to reintroduction of the Savile silver paint.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Dealers will be notified electronically by the specified dates.
Owners will be notified via certified mail by the specified dates.

Planned Dealer Notification Date: Jan 30, 2026 - Jan 30, 2026 ☐ No Dealers

Planned Interim Owner Notification Date: ☐ No Owners

Planned Remedy Owner Notification Date: Jan 30, 2026 - Jan 30, 2026 ☐ Phased Recall

Date when VIN will be searchable: Dec 03, 2025