



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V893

**Manufacturer Name:** Hyundai Motor America

**Submission Date:** Dec 23, 2025

**NHTSA Recall No.:** 25V893

**Manufacturer Recall No.:** 290

### Manufacturer Information

### Population

**Manufacturer Name:** Hyundai Motor America

**Address:** 10550 Talbert Avenue  
Fountain Valley CA, 92708

**Total number of potentially involved:** 51,587

**Estimated percentage with defect:** 1%

### Vehicle Information

**Vehicle 1:** 2022-2024 HYUNDAI TUCSON

**Product Category:** Light Vehicles

**Product Type:** Multipurpose Passenger Vehicle

**Fuel / Propulsion:** Spark Ignition Fuel

**Production Dates:** Feb 08, 2021 - Aug 21, 2024

**Number of potentially involved:** 51,587

#### Descriptive Information:

Based on manufacturing and sales records, the subject vehicles include certain model year 2022-2024 Hyundai Tucson vehicles produced during specified dates by Hyundai Motor Company ("HMC") and Hyundai Motor Manufacturing Alabama ("HMMA") for sale in the U.S. market and confirmed to have an OEM trailer wiring harness installed as a Port Installed Option ("PIO") or Dealer Installed Option ("DIO"). All other vehicles that cannot be confirmed as equipped with OEM trailer wiring harnesses procured through retail sales will be addressed under Equipment Recall 291, which will be filed concurrently under separate filing.

### Defect / Noncompliance Description

#### Description of the defect or noncompliance:

An optional OEM trailer wiring harness accessory, designed for towing applications in the specified vehicles, may have been installed in a vehicle location susceptible to water ingress. Water ingress into the wire harness control module could result in trailer lamps or vehicle stop lamps becoming inoperative. In rare cases, an electrical short within the module may occur, which could lead to overheating, melting, or, in isolated instances, ignition.

**FMVSS1:**

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## FMVSS2:

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

Inoperative stop lamps increase the risk of a crash, while an electrical short can increase the risk of a vehicle fire.

### Description of the cause:

Insufficient sealing of the trailer wiring harness control module.

### Identification of any warning that can occur:

Intermittent or inoperative illumination of parking, turn signal, and stop lamps (vehicle/trailer).

## Component Manufacturer

**Tier of Supplier:** Tier 2

**Supplier Type:** OEM

**Name:** CURT Manufacturing/LIPPERT

**Address:** 30779 Oak Creek Drive  
Wixom MI, 48393

**Country:** United States

## Involved Components

**Component Name 1:** Tow Hitch Harness

**Component Description:** Wire harness connecting vehicle and trailer

**Component Part Number:** CWF61-AU100

## Chronology

- April 18, 2025 – NASO received a Speak Up for Safety (“SUFS”) report indicating a condition involving inoperative trailer stop lamps on a U.S. market Hyundai Tucson vehicle equipped with an OEM trailer wiring. NASO began gathering market field information in the U.S. and Canadian markets to identify similar reports and assess market trending behavior.
- June 06, 2025 – NASO completed its review of field data and informed the trailer wiring harness Tier 1 supplier, MOBIS, of its findings. NASO requested MOBIS to gather technical details surrounding the condition and potential causalities.
- June 5, 2025 – MOBIS informed NASO of its initial findings, identifying water intrusion into the trailer wiring harness control module as a potential causal factor of electrical shorting, which can

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disable the trailer stop lamps if uncorrected.

- July 28, 2025 – NASO gather warranty part returns and reviewed them jointly with MOBIS. Preliminary findings indicated the presence of water and other foreign debris within the trailer wiring harness control module. Additional warranty part returns were requested by NASO for bench/vehicle testing by HMC and NASO's Safety Test & Investigation Laboratory ("STIL").
- August 12, 2025 – HMC and STIL jointly discussed and established parameters for bench/vehicle testing of warranty part returns.
- September 2, 2025 – Hyundai conducted an on-site visit to a vehicle processing center with MOBIS to review the process for installing OEM trailer harnesses to pre-delivery vehicles.
- September 23, 2025 – NASO performed vehicle and bench testing at the STIL jointly with MOBIS to understand the effect on trailer and rear lights. Initial findings indicated varying effects on vehicle and trailer lighting with a high degree of detectability by the operator.
- October 24, 2025 – NASO was informed of a new incident involving a U.S. market Tucson vehicle sustaining thermal damage to its rear. This vehicle was requested to be returned to the STIL for further analysis and inspection occurring on November 4, 2025, by MOBIS and a third-party fire inspector. Subsequent component scans indicated signs of electrical shorting on the PCB controller within the trailer wiring harness control module.
- November 11, 2025, to November 25, 2025 – NASO received two (2) additional reports of the recall condition in the U.S. and continued working with MOBIS to recover parts for analysis and determine the scope of affected vehicles.
- December 11, 2025 – Based on a final review of market field information, STIL's findings, and supplier information, NASO convened its North America Safety Decision Authority ("NASDA") and decided to conduct a safety recall of confirmed vehicles equipped with OEM trailer wiring harnesses in the U.S., supplemented by a separate equipment recall targeting vehicles that cannot be confirmed as equipped with OEM trailer wiring harnesses procured through retail sales.
- As of the date of this filing, Hyundai is aware of three (3) confirmed fires in the U.S. market and 287 unique reports received from June 8, 2022, through November 10, 2025, alleging trailer wiring harness failure. There are no confirmed crashes or injuries related to this condition in the U.S. or Canada.

## VIN

## Date

5NMJFCDE3RH\*\*\*\*\* 8/24/2025

5NMJECDE7RH\*\*\*\*\* 10/31/2025

5NMJFCDE1RH\*\*\*\*\* 11/10/2025

**Related NHTSA Recall Number:**

## Description of Remedy

**Remedy Type:** Replace

**Consumer Advisories:** ☐ Do Not Drive ☒ Park Outside

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## 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. When a remedy is made available, all owners of subject vehicles that may be equipped with an affected trailer wiring harness will be notified by first class mail with instructions to bring their vehicles to a Hyundai dealer for replacement of the trailer wiring harness. 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 trailer wiring harness control module has improved sealing to prevent water intrusion.

## Identify how/when recall condition was corrected in production:

The vehicles affected by this condition are no longer in production.

## 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:** Feb 16, 2026 - Feb 16, 2026 ☐ No Dealers

**Planned Interim Owner Notification Date:** ☐ No Owners

**Planned Remedy Owner Notification Date:** Feb 16, 2026 - Feb 16, 2026 ☐ Phased Recall

**Date when VIN will be searchable:** Dec 20, 2025