



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

# Part 573 Safety Recall Report

# 25V585

**Manufacturer Name:** Rivian Automotive, LLC

**Submission Date:** Sep 08, 2025

**NHTSA Recall No.:** 25V585

**Manufacturer Recall No.:** FSAM-1744

## Manufacturer Information

## Population

**Manufacturer Name:** Rivian Automotive, LLC

**Address:** 13250 North Haggerty Road  
PLYMOUTH MI, 48170

**Total number of potentially involved:** 24,214

**Estimated percentage with defect:** 100%

## Vehicle Information

**Vehicle 1:** 2025-2025 RIVIAN R1T

**Product Category:** Light Vehicles

**Product Type:** Light Truck

**Fuel / Propulsion:** Electric Battery Power

**Production Dates:** Jul 10, 2024 - May 13, 2025

**Number of potentially involved:** 4,386

### Descriptive Information:

The recall population includes certain Model Year 2025 R1T and R1S vehicles that were built with a version of Advanced Driver Assistance System ("ADAS") before Software Version 2025.18.30. The suspect period began on April 29, 2024, when Rivian started to build vehicles with older software, and ended on May 13, 2025, when Rivian started building vehicles with the new software. That population was determined using manufacturing records. Similar vehicles not included in this recall were built with Software Version 2025.18.30 or later.

**Vehicle 2:** 2025-2025 RIVIAN R1S

**Product Category:** Light Vehicles

**Product Type:** Multipurpose Passenger Vehicle

**Fuel / Propulsion:** Electric Battery Power

**Production Dates:** Apr 29, 2024 - May 13, 2025

**Number of potentially involved:** 19,828

### Descriptive Information:

The recall population includes certain Model Year 2025 R1T and R1S vehicles that were built with a version of Advanced Driver Assistance System ("ADAS") before Software Version 2025.18.30. The suspect period began on April 29, 2024, when Rivian started to build vehicles with older software, and ended on May 13, 2025, when Rivian started building vehicles with the new software. That population

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was determined using manufacturing records. Similar vehicles not included in this recall were built with Software Version 2025.18.30 or later.

## Defect / Noncompliance Description

### Description of the defect or noncompliance:

Before Software Version 2025.18.30, a 2025 R1S was involved in a field incident in which HWA experienced a one-time functional limitation due to a misclassification at a very low speed. Rivian determined to conduct a voluntary safety recall. As of the date of this filing, over 99% of all impacted vehicles have been remedied and the remaining vehicles will be remedied when the owners download the updated software.

**FMVSS1:**

**FMVSS2:**

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

In one instance, where HWA was engaged, a 2025 R1S vehicle experienced a functional limitation due to a misclassification at very low speed, and the driver failed to maintain continuous and sustained responsibility for vehicle operation. Where an SAE Level 2 advanced driver assistance-system experiences a functional limitation and the vehicle is not controlled by the driver, there may be an increased risk of a crash.

### Description of the cause:

### Identification of any warning that can occur:

## Component Manufacturer

**Tier of Supplier:**

**Supplier Type:**

**Name:**

**Address:**

**Country:**

## Involved Components

**Component Name 1:** Various Software Versions

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**25V585****Component Description:** Various Software Versions**Component Part Number:** Software Versions before 2025.18.30

## Chronology

On May 14, 2025, a 2025 R1S vehicle was traveling with HWA engaged at low speed in stop and go traffic. The vehicle was operating on Software Version 2025.14. The vehicle was involved in an incident in which Rivian's HWA system experienced a one-time functional limitation due to a misclassification. The driver also failed to brake for the vehicle he was approaching. These factors resulted in a low speed, 6 mph collision with the vehicle in front of him. The R1S vehicle remained drivable and there were no injuries.

Rivian Highway Assist (HWA) is an SAE Level 2 advanced driver assistance feature that drivers may choose to engage, subject to certain defined operating limitations. HWA is a Rivian feature that can provide steering, braking, and acceleration support to the driver subject to certain limited operating conditions. HWA is designed and intended for use on controlled-access highways. When HWA is engaged, as with all SAE Level 2 advanced driver-assistance features and systems, the driver is the operator of the vehicle. As the vehicle operator, the driver is responsible for the vehicle's movement, remaining attentive to surrounding road conditions, and intervening (e.g., steer, brake, accelerate) as needed to maintain safe operation of the vehicle. Rivian has clearly marketed its HWA feature as not replacing the driver's attention, judgement, and need to control the vehicle.

On May 19, 2025, the Rivian Autonomy team opened an investigation regarding the low-speed crash.

On June 3, 2025, Rivian released software update 2025.18.30 via OTA that remedies this condition. As of the date of this filing, over 99% of vehicles have been remedied.

On June 11, 2025, Rivian submitted a report regarding the incident to NHTSA, per the requirements of the Third Amended Standing General Order 2021-01.

On August 29, 2025, Rivian decided to classify the improvements in this software update as changes related to motor vehicle safety and conduct a voluntary safety recall of all potentially affected vehicles.

As of the date of this filing, software versions 2025.18.30 or later are already installed on over 99% of potentially affected vehicles. Less than 1% are operating on previous software versions.

Rivian is not aware of any injuries related to this issue in any market.

**Related NHTSA Recall Number:**

## Description of Remedy

**Remedy Type:** Software OTA**Consumer Advisories:** ☐ Do Not Drive ☐ Park Outside**Description of remedy program:**

Rivian has already implemented a new software update (2025.18.30). The system conditions that were

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present during the incident are remedied. As of the date of this filing, software versions 2025.18.30 or later are already installed on more than 99% of potentially affected vehicles.

**How remedy component differs from recalled component:**

The remedy component is updated software with changes to how objects are classified in these extremely rare circumstances.

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

## Reimbursement Plan

Manufacturer used general reimbursement plan on file.

## Recall Schedule

**Description of recall schedule:**

We will mail notifications on or before Nov 4, 2025.

**Planned Dealer Notification Date:**☒ No Dealers**Planned Interim Owner Notification Date:**☐ No Owners

**Planned Remedy Owner Notification Date:** Nov 04, 2025 - Nov 04, 2025 ☐ Phased Recall

**Date when VIN will be searchable:** Nov 04, 2025