

# Part 573 Safety Recall Report

# 23V-233

**Manufacturer Name :** Rivian Automotive, LLC**Submission Date :** MAR 31, 2023**NHTSA Recall No. :** 23V-233**Manufacturer Recall No. :** FSAM-1216**Manufacturer Information :**

Manufacturer Name : Rivian Automotive, LLC

Address : 13250 North Haggerty Road  
PLYMOUTH MI 48170

Company phone : 999

**Population :**

Number of potentially involved : 5,030

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2022-2023 Rivian R1S

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : Certain 2022 and 2023 R1S vehicles.

The affected vehicle production period began on November 19, 2021, when Rivian Automotive, LLC ("Rivian") started to build R1S vehicles with backup lamps that do not meet regulatory visibility requirements and ended on March 21, 2023, when Rivian stopped building R1S vehicles that do not meet regulatory visibility requirements. The suspect population was determined using Rivian component traceability information.

Production Dates : NOV 19, 2021 - MAR 21, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : FMVSS 108; Lamps, reflective devices, and associated equipment. S6.4.2 requires that each backup lamp must meet applicable visibility requirements specified in Table V-a of the standard. Table V-a prescribes horizontal and vertical planes to the rear of the vehicle from which the optical center of at least one backup lamp must be visible. On certain R1S vehicles, the optical center of at least one lamp may not be visible from these planes. This condition represents a noncompliance with the visibility requirements of FMVSS 108.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : When the vehicle is in reverse, the back-up lamps will illuminate. However, the optical center may not be visible from the specified planes. Though this

noncompliance may affect visibility and potentially increase the risk of a crash, the vehicle will make reverse operating sounds which will be noticeable to pedestrians and as required by FMVSS 141, Minimum Sound Requirements for Hybrid and Electric Vehicles. Additionally, sensors and backup cameras will detect objects in close proximity to the rear, providing visibility to the rear as required by FMVSS 111, Rear visibility and triggering visual and audible alerts to the driver.

Description of the Cause : NR

Identification of Any Warning that can Occur : The vehicle will make reverse operating sounds, as required by FMVSS 141, which will be noticeable to pedestrians. Additionally, sensors and backup cameras will detect objects in close proximity to the rear, providing visibility to the rear as required by FMVSS 111 and triggering visual and audible alerts to the driver.

## Involved Components :

Component Name 1 : Reflector/Lamp

Component Description : Reverse, Fog

Component Part Number : PT00051377-C, PT00051378-C

## Supplier Identification :

### Component Manufacturer

Name : AMS CO., LTD

Address : 95, Geumbak-Ro, Jain-Myeon

Gyeongsan-Si Gyeongbuk Foreign States 38558

Country : Korea, Republic of

## Chronology :

On March 08, 2023, Rivian learned that the backup lamps on the R1S may not meet the requirements of FMVSS 108.

On March 09, 2023, Rivian opened an investigation to determine if a noncompliance may exist.

On March 24, 2023, Rivian concluded its investigation and determined to file a Part 573 report, indicating a noncompliance to FMVSS 108.

As of the date of this filing, Rivian is not aware of any crash, death, injury, field report, or warranty claim

related to this issue in any market.

## Description of Remedy :

Description of Remedy Program : Rivian will repair or replace the backup lamps to ensure compliance with FMVSS 108.

Rivian has a policy and practice of reimbursing owners who have paid for a repair that subsequently becomes the subject of a field action. To ensure consistency, Rivian, as part of the owner letter, will request that customers send the original receipt and/or other adequate proof of payment to the company for confirmation of the expense.

How Remedy Component Differs from Recalled Component : The remedy backup lamps are a revised design that conform to FMVSS 108 visibility requirements.

Identify How/When Recall Condition was Corrected in Production : NR

## Recall Schedule :

Description of Recall Schedule : Rivian will mail notifications on or before May 20, 2023.

As a direct-to consumer manufacturer, Rivian owns and operates all of the Company's sales and service operations. As all "dealers" are Rivian owned entities, notification will be through internal means to our licensed store and service operations addressing this recall on or before the date set forth in this response.

Planned Dealer Notification Date : MAY 20, 2023 - MAY 20, 2023

Planned Owner Notification Date : MAY 20, 2023 - MAY 20, 2023

\* NR - Not Reported