

Part 573 Safety Recall Report

23V-109

Manufacturer Name : Rivian Automotive, LLC**Submission Date :** FEB 22, 2023**NHTSA Recall No. :** 23V-109**Manufacturer Recall No. :** FSAM-1166**Manufacturer Information :**

Manufacturer Name : Rivian Automotive, LLC

Address : 13250 North Haggerty Road
PLYMOUTH MI 48170

Company phone : 999

Population :

Number of potentially involved : 12,716

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2022 Rivian R1T

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Certain 2022 R1T and R1S vehicles.

The potentially affected vehicle production period began on September 10, 2021, when Rivian Automotive, LLC ("Rivian") started to build vehicles with the suspect seat belt systems and ended on September 15, 2022, when Rivian stopped building with the suspect seat belt systems. The suspect population was determined using the supplier's seat belt system manufacturing records and Rivian component traceability information.

Similar vehicles not included in this recall were built with seat belt systems that are not suspect.

Production Dates : SEP 10, 2021 - SEP 15, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 Rivian R1S
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : NR

Descriptive Information : Certain 2022 R1T and R1S vehicles.

The potentially affected vehicle production period began on September 10, 2021, when Rivian Automotive, LLC ("Rivian") started to build vehicles with the suspect seat belt systems and ended on September 15, 2022, when Rivian stopped building with the suspect seat belt systems. The suspect population was determined using the supplier's seat belt system manufacturing records and Rivian component traceability information.

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Production Dates : SEP 10, 2021 - SEP 15, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Rivian has determined that on certain R1T and R1S vehicles, the front passenger seat belt system does not comply with FMVSS 208 S14 which requires certification to frontal barrier belted and unbelted crash test performance requirements. A seat belt system supplier supplied components containing sensors that were dimensionally out of tolerance, which may prevent the automatic locking retractor "(ALR)" from functioning as intended. In the suspect vehicles, the ALR for the front passenger seat may incorrectly report its status as "on" when, in fact, it is off. This condition could change the airbag deployment strategy subject to certain FMVSS 208 performance requirements.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : If a passenger is seated in the front passenger seat and the ALR is reporting "on" incorrectly, the passenger air bag may not deploy as intended. In the event of a crash which is supposed to deploy the front passenger air bag, the occupant may have an increased risk of injury due to a reduced deployment or lack of deployment.

Description of the Cause : Due to a defect during supplier manufacturing of the seat belt system, the ALR sensor may not perform consistently.

Identification of Any Warning that can Occur : There will not be a notification for some affected scenarios. In certain conditions, the customer may be made aware of the status of the passenger restraint system by the illumination of the PASSENGER AIRBAG OFF lamp in the lower corner of the center display.

Involved Components :

Component Name 1 : Seat Belt, 1st Row, RH

Component Description : Seat Belt, 1st Row, RH

Component Part Number : C100002488-H, PT00002488-K, PT00002488-J

Supplier Identification :**Component Manufacturer**

Name : Autoliv

Address : NR

NR

Country : NR

Chronology :

In July 2022, Rivian and the supplier reviewed the performance of a vehicle where the AIRBAG LIGHT OFF message was appearing with some passengers in the seat, resulting in a service request. Rivian began to investigate whether the signal status from the ALR was performing as intended.

From July 2022 to January 2023, Rivian and the supplier continued the investigation and collected additional suspect parts from the field for further analysis.

In February 2023, Rivian determined that a potential noncompliance to FMVSS 208, Occupant crash protection cannot be ruled out. As of the date of this filing, Rivian is not aware of any accidents or injuries related to this issue in any market.

Description of Remedy :

Description of Remedy Program : Rivian will inspect and replace, if necessary, passenger seat belt system components in the affected vehicles free of charge.

Rivian is committed to reimbursing owners for previous out-of-pocket repairs according to the plan submitted to the agency on May 10, 2022; however, the passenger seat belt systems for the vehicles affected by this recall are covered under Rivian's 5 year/60,000 miles new vehicle limited warranty. Rivian only began releasing vehicles to customers at the end of 2021. As no owners of these vehicles would have reached the end of the warranty period and therefore not incurred expenses for the warranted repair as a result of this condition, no notification regarding reimbursement under section 577.11 is necessary.

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 component will be passenger seat belt system components that properly detect the ALR status.

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

Recall Schedule :

Description of Recall Schedule : Rivian will begin notifying affected customers via e-mails, texts, and in vehicle messaging on the center display as soon as possible. We will mail notifications on or before April 8, 2023.

On or before April 8, 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 : APR 08, 2023 - APR 08, 2023

Planned Owner Notification Date : APR 08, 2023 - APR 08, 2023

* NR - Not Reported