

Part 573 Safety Recall Report

22V-319

Manufacturer Name : Rivian Automotive, LLC, d.b.a Rivian**Submission Date :** MAY 10, 2022**NHTSA Recall No. :** 22V-319**Manufacturer Recall No. :** FSAM-651**Manufacturer Information :**

Manufacturer Name : Rivian Automotive, LLC, d.b.a Rivian

Address : 13250 North Haggerty Road
PLYMOUTH MI 48170

Company phone : 999

Population :

Number of potentially involved : 502

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Rivian R1T

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Certain 2022 R1T vehicles.

The potentially affected vehicle production period began on September 21, 2021, when Rivian Automotive, LLC ("Rivian") started to build vehicles with the suspect seat assemblies and ended on April 12, 2022, when Rivian stopped building with the suspect seat assemblies. The suspect population was determined using the supplier's seat manufacturing records, seat calibration data, and Rivian component traceability information.

Similar vehicles not included in this recall received seats with properly calibrated occupant classification systems ("OCS").

Production Dates : SEP 21, 2021 - APR 12, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Rivian has determined that on certain R1T vehicles, the calibration of the OCS for the front passenger seat might not meet current production specifications. This condition may result in a noncompliance with FMVSS 208, Occupant crash protection.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : If a child seat or a child is seated in the front passenger seat, the passenger air bag might not be deactivated as required. In the event of a crash which

deploys the front passenger air bag, the infant in the child seat or child occupant may have an increased risk of injury.

Description of the Cause : Due to a defect during supplier manufacturing of the seat, the calibration of the OCS does not perform consistently.

Identification of Any Warning that can Occur : The customer may be made aware of the status of the passenger restraint system by the illumination, or lack thereof, of the PASSENGER AIRBAG OFF lamp in the lower corner of the center display. In some circumstances, the passenger seat belt notification may chime when the seat is empty.

Involved Components :

Component Name 1 : SEAT

Component Description : LHD; ROW1; PASS; VENT; 4WL

Component Part Number : C100030805-C500030805, PT00030805

Supplier Identification :

Component Manufacturer

Name : Hyundai Transys Michigan, LLC

Address : 27555 Executive Dr. Suite 155
Farmington Hills Michigan 48331

Country : United States

Chronology :

In March 2022, deviations in the OCS performance were identified in the seat production by Rivian. Subsequently, the calibration system was investigated to evaluate root cause.

In late April 2022, MGA Research Corporation provided a report to Rivian that included test results indicating the passenger air bag may not be deactivated automatically when a suspect seat was tested in accordance with the FMVSS 208 low risk deployment requirement.

In May 2022, 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 replace the passenger seat 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 OCS and passenger seat 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 a passenger seat assembly that was properly built and calibrated.

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

Recall Schedule :

Description of Recall Schedule : Rivian will begin notifying affected customers not to seat children or use child seats in the passenger seat of the affected vehicles via e-mails, texts, and in vehicle messaging on the center display as soon as possible. Rivian will mail notifications on or before July 1, 2022.

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 : NR - NR

Planned Owner Notification Date : JUL 01, 2022 - JUL 01, 2022

* NR - Not Reported