

Part 573 Safety Recall Report

23V-883

Manufacturer Name : Rivian Automotive, LLC**Submission Date :** DEC 21, 2023**NHTSA Recall No. :** 23V-883**Manufacturer Recall No. :** FSAM 1342**Manufacturer Information :**

Manufacturer Name : Rivian Automotive, LLC

Address : 13250 North Haggerty Road
PLYMOUTH MI 48170

Company phone : 999

Population :

Number of potentially involved : 7,873

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 : The recall population includes certain Model Year 2022 R1T and R1S vehicles built with an early revision accelerator pedal. The suspect period began on June 10, 2021, when Rivian started to build vehicles with the subject accelerator pedals and ended on October 31, 2022, when Rivian stopped building vehicles with the subject pedals. That population was determined using manufacturing part traceability data. Similar vehicles not included in this recall were built with a later revision of the pedal that does not exhibit the signal drift due to temperature. Rivian has already implemented a new software update that remedies this condition. As of the date of this filing, 53% of vehicles have been remedied.

Production Dates : JUN 10, 2021 - OCT 31, 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 : The recall population includes certain Model Year 2022 R1T and R1S vehicles built with an early revision accelerator pedal. The suspect period began on June 10, 2021, when Rivian started to build vehicles with the subject accelerator pedals and ended on October 31, 2022, when Rivian stopped building vehicles with the subject pedals. That population was determined using manufacturing part traceability data. Similar vehicles not included in this recall were built with a later revision of the pedal that does not exhibit the signal drift due to temperature. Rivian has already implemented a new software update that remedies this condition. As of the date of this filing, 53% of vehicles have been remedied.

Production Dates : JUN 10, 2021 - OCT 31, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : On vehicles that were built with a suspect accelerator pedal and exposed to very high cabin temperature conditions, a nonconforming chip with a stronger magnetic pole position may cause the pedal to drift outside of the dead band such that the pedal may not register as 0% applied when the driver lifts their foot off of the pedal. If this occurs, the vehicle may not automatically go into "auto-hold" or "park". Reducing cabin temperature eliminates the drift and restores normal behaviors.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The vehicle may not automatically go into "auto-hold" or "park". In extreme cases, this condition may cause the vehicle to creep forward very slowly. If this occurs, the driver will be required to take other action to place the vehicle into "hold" or "park", such as depressing the brake pedal and/or pressing the "park" button. If the vehicle does not automatically go into "auto-hold" or "park", this may increase the risk of a crash. Rivian is not aware of any crashes, injuries, or fatalities related to this condition.

Description of the Cause : The supplier provided Rivian with an accelerator pedal that is out of specification.

Identification of Any Warning that can Occur : The driver may notice that the vehicle does not automatically activate "auto-hold" when the driver lifts their foot off the pedal and is at a stop. Users may also notice that the vehicle does not automatically enter into "park" or "sleep mode", and, in some instances, pedal malfunction indicators have been observed on the driver display.

Involved Components :

Component Name 1 : Pedal, Accelerator

Component Description : Adventure; LHD

Component Part Number : PT00002543-D, PT00002543-E

Supplier Identification :**Component Manufacturer**

Name : Precision Varionic International Sensor

Address : Langley Road

Hillmead Swindon Foreign States SN5 5WB

Country : United Kingdom

Chronology :

On March 30, 2022, Rivian received the first warranty service request potentially related to this condition. The customer reported that the vehicle would not go into "sleep mode".

From March 2022 to December 2023, Rivian received 35 service requests potentially related to this issue and conducted an investigation. All service requests were filed due to customers observing the behaviors and/or warnings that are mentioned above, not from crashes or injuries.

On December 14, 2023, Rivian determined that a safety-related defect exists related to this matter.

As of December 19, 2023, an over the air software update that eliminates the safety risk has been made available to all affected vehicles. 53 percent of vehicles have had the update installed as of the date of this filing.

As of the date of this filing, Rivian is not aware of any crashes or injuries related to this issue in any market, and 53 percent of affected vehicles have been remedied through the new software update.

Description of Remedy :

Description of Remedy Program : Rivian has already implemented a new software update (2023.46.01 or 2023.50) that remedies this condition. As of the date of this filing, 4,160 vehicles have been remedied.

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, systems affected by this recall are covered under Rivian's new vehicle limited warranties. 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 is a new software update (2023.46.01 or 2023.50) that eliminates the safety risk. Rivian will also replace all subject accelerator pedals with a newer revision for customer satisfaction and to ensure the quality of Rivian vehicles.

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

Recall Schedule :

Description of Recall Schedule : On or before February 16, 2024. 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 : FEB 16, 2024 - FEB 16, 2024

Planned Owner Notification Date : FEB 16, 2024 - FEB 16, 2024

* NR - Not Reported