

Part 573 Safety Recall Report

24V-415

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : JUN 06, 2024

NHTSA Recall No. : 24V-415

Manufacturer Recall No. : 55B



Manufacturer Information :

Manufacturer Name : Chrysler (FCA US, LLC)

Address : 800 Chrysler Drive
CIMS 482-00-91 Auburn Hills MI
48326-2757

Company phone : 1-800-853-1403

Population :

Number of potentially involved : 211,581

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Ram 3500 Cab Chassis with a gross vehicle weight rating ("GVWR") less than 10,000 lbs.

Vehicle Type :

Body Style : OTHER

Power Train : NR

Descriptive Information : Some 2022 MY Ram 3500 Cab Chassis vehicles, with a GVWR less than 10,000 lbs., may experience an Anti-Lock Braking System ("ABS") control module software malfunction that can disable the Electronic Stability Control ("ESC") system.

The suspect period began on April 21, 2021, when MY 2022 vehicle production began, and ended on November 25, 2022, when MY 2022 vehicle production ended. Vehicle production records were used to determine the suspect period.

Similar vehicles not included in this recall were built before or after the suspect period or with different ABS control module software.

The total affected vehicles for this model is 524.

Production Dates : APR 21, 2021 - NOV 25, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2022-2022 Ram 2500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2022 MY Ram 2500 vehicles may experience an ABS control module software malfunction that can disable the ESC system.

The suspect period began on April 14, 2021, when MY 2022 vehicle production began, and ended on December 07, 2022, when MY 2022 vehicle production ended. Vehicle production records were used to determine the suspect period.

Similar vehicles not included in this recall were built before or after the suspect period or with different ABS control module software.

The total affected vehicles for this model is 157,890.

Production Dates : APR 14, 2021 - DEC 07, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2022-2022 Dodge Durango

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2022 MY Dodge Durango vehicles may experience an ABS control module software malfunction that can disable the ESC system.

The suspect period began on August 23, 2021, when MY 2022 vehicle production began, and ended on December 09, 2022, when MY 2022 vehicle production ended. Vehicle production records were used to determine the suspect period.

Similar vehicles not included in this recall were built before or after the suspect period or with different ABS control module software.

The total affected vehicles for this model is 53,167.

Production Dates : AUG 23, 2021 - DEC 09, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Federal Motor Vehicle Safety Standard ("FMVSS") 571.126 S5.1.2 ESC functionality requires that the ESC system "Is operational during all phases of driving including acceleration, coasting, and deceleration (including braking) [...]." Suspect vehicles may experience the ESC system being disabled under certain conditions.

FMVSS 1 : 126 - Electronic stability control systems

FMVSS 2 : NR

Description of the Safety Risk : Failure of the ESC system when intervention is expected and/or relied upon can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : During vehicle start-up an active watchdog failure will illuminate the malfunction indicator lamp.

Involved Components :

Component Name 1 : ANTI-LOCK BRAKE SYSTEM

Component Description : Module

Component Part Number : 68563815AB, 68563815AC, 68597255AA, 68597255AB

Supplier Identification :

Component Manufacturer

Name : ZF Group

Address : 15811 Centennial Drive
Northville Michigan 48168

Country : United States

Chronology :

- On March 2, 2023, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization was notified of a potential issue related to a software condition within the ABS that could lead to the ESC to become disabled on some 2022 MY Ram 2500, Ram 3500 Cab Chassis and Dodge Durango vehicles.
- From March 2023, through November 2023, FCA US TSRC conducted an analysis of ABS control module warranty data, field records and customer assistance records to understand potential customer consequence.
- From November 2023, through March 2024, FCA US TSRC met with FCA US engineering and manufacturing to review the issue, understand the failure mode, and determine the suspect population.
- On April 24, 2024, the FCA US TSRC organization recognized a vehicle build issue existed on certain vehicles related to a condition that can lead to the ESC being disabled potentially resulting in a noncompliance with FMVSS No. 126 S5.1.2.

- On May 31, 2024, FCA US determined, through the Vehicle Regulations Committee, to conduct a voluntary safety recall of the affected vehicles.

Description of Remedy :

Description of Remedy Program : FCA US will conduct a voluntary safety recall on all affected vehicles to update the ABS control module software.

FCA US has a longstanding policy and practice of reimbursing owners who have incurred the cost of repairing a problem that subsequently becomes the subject of a field action. To ensure consistency, FCA US, 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 an ABS control module software that meets FMVSS 126 S5.1.2.

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

Recall Schedule :

Description of Recall Schedule : **06/06/2024: FCA US will notify dealers and begin notifying owners on or about 07/26/2024.

Planned Dealer Notification Date : JUL 26, 2024 - JUL 26, 2024

Planned Owner Notification Date : JUL 26, 2024 - JUL 26, 2024

* NR - Not Reported