

Part 573 Safety Recall Report

24E-047

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : JUN 06, 2024

NHTSA Recall No. : 24E-047

Manufacturer Recall No. : 56B



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 : 3,541

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : MOPAR

Model : MODULE

Part No. : 68563815AB

Size : NR

Function : NR

Descriptive Information : Some Anti-Lock Braking System ("ABS") control modules may experience a software malfunction that can disable the Electronic Stability Control ("ESC") system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between July 26, 2021, and September 12, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version.

The total affected parts for this part number is 59.

Production Dates : JUL 26, 2021 - SEP 12, 2022

Brand / Trade 2 : MOPAR
Model : MODULE
Part No. : 68563815AC
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may experience a software malfunction that can disable the ESC system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between September 13, 2022, through October 18, 2023.

Similar ABS control modules not included in this recall did not contain a suspect software version.

The total affected parts for this part number is 3,046.

Production Dates : SEP 13, 2022 - OCT 18, 2023

Brand / Trade 3 : MOPAR
Model : MODULE
Part No. : 68597255AB
Size : NR
Function : NR

Descriptive Information : Some ABS control modules may experience a software malfunction that can disable the ESC system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between September 15, 2022 through June 3, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version.

The total affected parts for this part number is 436.

Production Dates : SEP 15, 2022 - JUN 03, 2024

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) [...]." The suspect ABS control modules, when installed in a vehicle may cause the ESC system to be disabled.

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 : ANTI-LOCK BRAKE SYSTEM

Component Description : MODULE

Component Part Number : 68563815AB / 68563815AC/ 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 to 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 units.

Description of Remedy :

Description of Remedy Program : FCA US will conduct a voluntary safety recall on all affected parts to update the software or repurchase suspect ABS control modules.

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

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR
Address : NR
NR
Country : NR
Company Phone : NR

* NR - Not Reported