

Part 573 Safety Recall Report

24E-075

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : SEP 05, 2024

NHTSA Recall No. : 24E-075

Manufacturer Recall No. : 76B



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 : 7,299

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : MOPAR

Model : MODULE

Part No. : 68415318AG

Size : NR

Function : NR

Descriptive Information : The Anti-Lock Braking System ("ABS") module is setting a malfunction indicator lamp ("MIL"), disabling the Electronic Stability Control System ("ESC"), which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between December 08, 2019, and March 06, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 416.

Production Dates : DEC 08, 2019 - MAR 06, 2024

Brand / Trade 2 : MOPAR
Model : MODULE
Part No. : 68415321AH
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between September 25, 2019, and November 06, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 137.

Production Dates : SEP 25, 2019 - NOV 06, 2022

Brand / Trade 3 : MOPAR
Model : MODULE
Part No. : 68436461AK
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between October 19, 2022, and June 20, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 1443.

Production Dates : OCT 19, 2022 - JUN 20, 2024

Brand / Trade 4 : MOPAR
Model : MODULE
Part No. : 68436462AL
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between November 22, 2022, and June 20, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 481.

Production Dates : NOV 22, 2022 - JUN 20, 2024

Brand / Trade 5 : MOPAR
Model : MODULE
Part No. : 68531864AH
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between October 19, 2022, and July 11, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 140.

Production Dates : OCT 19, 2022 - JUL 11, 2024

Brand / Trade 6 : MOPAR
Model : MODULE
Part No. : 68415318AE
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between July 06, 2018, and February 20, 2020.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 119.

Production Dates : JUL 06, 2018 - FEB 20, 2020

Brand / Trade 7 : MOPAR
Model : MODULE
Part No. : 68415318AF
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between February 21, 2019, and January 11, 2020.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 122.

Production Dates : FEB 21, 2019 - JAN 11, 2020

Brand / Trade 8 : MOPAR
Model : MODULE
Part No. : 68415321AE
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between July 06, 2018, and November 29, 2018.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 40.

Production Dates : JUL 06, 2018 - NOV 29, 2018

Brand / Trade 9 : MOPAR
Model : MODULE
Part No. : 68415321AF
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between October 24, 2018, and February 20, 2020.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 100.

Production Dates : OCT 24, 2018 - FEB 20, 2020

Brand / Trade 10 : MOPAR
Model : MODULE
Part No. : 68415321AG
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between February 20, 2019, and November 01, 2020.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 93.

Production Dates : FEB 20, 2019 - NOV 01, 2020

Brand / Trade 11 : MOPAR
Model : MODULE
Part No. : 68436461AB
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between November 28, 2018, and January 18, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 21.

Production Dates : NOV 28, 2018 - JAN 18, 2024

Brand / Trade 12 : MOPAR

Model : MODULE

Part No. : 68436461AC

Size : NR

Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between February 11, 2019, and January 18, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 55.

Production Dates : FEB 11, 2019 - JAN 18, 2024

Brand / Trade 13 : MOPAR

Model : MODULE

Part No. : 68436461AD

Size : NR

Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between June 26, 2019, and January 18, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 1.

Production Dates : JUN 26, 2019 - JAN 18, 2024

Brand / Trade 14 : MOPAR

Model : MODULE

Part No. : 68436461AE

Size : NR

Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between July 02, 2019, and November 01, 2020.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 437.

Production Dates : JUL 02, 2019 - NOV 01, 2020

Brand / Trade 15 : MOPAR

Model : MODULE

Part No. : 68436461AF

Size : NR

Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between February 19, 2020, and November 01, 2020.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 339.

Production Dates : FEB 19, 2020 - NOV 01, 2020

Brand / Trade 16 : MOPAR
Model : MODULE
Part No. : 68436461AI
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between December 03, 2020, and November 06, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 774.

Production Dates : DEC 03, 2020 - NOV 06, 2022

Brand / Trade 17 : MOPAR
Model : MODULE
Part No. : 68436461AJ
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between September 29, 2021, and February 14, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 1764.

Production Dates : SEP 29, 2021 - FEB 14, 2024

Brand / Trade 18 : MOPAR
Model : MODULE
Part No. : 68436462AB
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between October 23, 2018, and February 20, 2020.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 4.

Production Dates : OCT 23, 2018 - FEB 20, 2020

Brand / Trade 19 : MOPAR
Model : MODULE
Part No. : 68436462AC
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between December 28, 2018, and January 18, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 12.

Production Dates : DEC 28, 2018 - JAN 18, 2024

Brand / Trade 20 : MOPAR
Model : MODULE
Part No. : 68436462AD
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between February 11, 2019, and January 18, 2024.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 39.

Production Dates : FEB 11, 2019 - JAN 18, 2024

Brand / Trade 21 : MOPAR
Model : MODULE
Part No. : 68436462AF
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between June 26, 2019, and November 01, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 178.

Production Dates : JUN 26, 2019 - NOV 01, 2022

Brand / Trade 22 : MOPAR
Model : MODULE
Part No. : 68436462AG
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between February 19, 2020, and November 01, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 53.

Production Dates : FEB 19, 2020 - NOV 01, 2022

Brand / Trade 23 : MOPAR
Model : MODULE
Part No. : 68436462AJ
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between January 20, 2021, and November 06, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 171.

Production Dates : JAN 20, 2021 - NOV 06, 2022

Brand / Trade 24 : MOPAR
Model : MODULE
Part No. : 68436462AK
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between September 22, 2021, and November 06, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 317.

Production Dates : SEP 22, 2021 - NOV 06, 2022

Brand / Trade 25 : MOPAR
Model : MODULE
Part No. : 68531864AD
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between January 07, 2021, and November 06, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 23.

Production Dates : JAN 07, 2021 - NOV 06, 2022

Brand / Trade 26 : MOPAR
Model : MODULE
Part No. : 68531864AG
Size : NR
Function : NR

Descriptive Information : The ABS module is setting a MIL, disabling the ESC, which may result in a compromised vehicle safety system.

Supplier shipment information and sales records were used to identify the ABS control modules with suspect software which were manufactured between January 20, 2022, and November 06, 2022.

Similar ABS control modules not included in this recall did not contain a suspect software version or were manufactured outside of the suspect period.

The total affected parts for this part number is 20.

Production Dates : JAN 20, 2022 - NOV 06, 2022

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 when certain conditions are met.

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 : The ABS, ESC, Adaptive Cruise Control ("ACC") & Forward Collision Warning ("FCW") indicator lights will be illuminated at vehicle start up, indicating the systems are not available.

Involved Components :

Component Name : ANTI-LOCK BRAKE SYSTEM

Component Description : Please see attached supplemental information titled "FCA US LLC Recall Part Numbers-76B-DT ABS Configuration mismatch 09052024.pdf"

Component Part Number : See attached document referenced above for the ABS module part numbers.

Supplier Identification :

Component Manufacturer

Name : CONTINENTAL AUTOMOTIVE SYSTEMS INC

Address : 4685 Investment Drive
Troy Michigan 48089

Country : United States

Chronology :

- On February 15, 2024, 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 becoming disabled on some 2019 MY and 2021 - 2024 MY Ram 1500 vehicles.
- From March 2024, through April 2024, FCA US TSRC conducted an analysis of ABS control module warranty data, field records and customer assistance records to understand potential customer consequence.
- From April 2024, through June 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 June 18, 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 August 30, 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, repurchase, or replace 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 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 :	**09/05/2024: FCA US will notify dealers on or before 09/12/2024 and begin notifying owners on or about 10/03/2024.
Planned Dealer Notification Date :	SEP 12, 2024 - SEP 12, 2024
Planned Owner Notification Date :	OCT 03, 2024 - OCT 10, 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