

Part 573 Safety Recall Report

22V-642

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : AUG 26, 2022

NHTSA Recall No. : 22V-642

Manufacturer Recall No. : Z87



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 : 4,907

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Ram 3500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2022 MY Ram 3500 vehicles equipped with the Cummins 6.7L Turbo Diesel engine may have been built with a misaligned capacitor in the engine control module ("ECM").

The suspect period began on March 16, 2022, when certain vehicles received suspect ECMs, and ended on July 23, 2022, when the suspect ECMs were quarantined. The suspect period was determined using supplier traceability and vehicle production records.

Similar vehicles not included in the recall did not receive suspect ECMs or were repaired prior to release from plant control.

The total affected vehicles for this model is 1,417.

Production Dates : MAR 16, 2022 - JUL 23, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2022-2022 Ram 3500 Cab Chassis

Vehicle Type :

Body Style : OTHER

Power Train : NR

Descriptive Information : Some 2022 MY Ram 3500 Cab Chassis vehicles equipped with the Cummins 6.7L Turbo Diesel engine may have been built with a misaligned capacitor in the ECM.

The suspect period began on June 1, 2022, when certain vehicles received suspect ECMs, and ended on July 2, 2022, when the suspect ECMs were quarantined. The suspect period was determined using supplier traceability and vehicle production records.

Similar vehicles not included in the recall did not receive suspect ECMs or were repaired prior to release from plant control.

The total affected vehicles for this model is 385.

Production Dates : JUN 01, 2022 - JUL 02, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2022-2022 Ram 2500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2022 MY Ram 2500 vehicles equipped with the Cummins 6.7L Turbo Diesel engine may have been built with a misaligned capacitor in the ECM.

The suspect period began on June 1, 2022, when certain vehicles received suspect ECMs, and ended on August 24, 2022, when the suspect ECMs were quarantined. The suspect period was determined using supplier traceability and vehicle production records.

Similar vehicles not included in the recall did not receive suspect ECMs or were repaired prior to release from plant control.

The total affected vehicles for this model is 2,288.

Production Dates : JUN 01, 2022 - AUG 24, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2022-2022 Ram 4500/5500 Cab Chassis

Vehicle Type :

Body Style : OTHER

Power Train : NR

Descriptive Information : Some 2022 MY Ram 4500/5500 Cab Chassis vehicles equipped with the Cummins 6.7L Turbo Diesel engine may have been built with a misaligned capacitor in the ECM.

The suspect period began on May 31, 2022, when certain vehicles received suspect ECMs, and ended on August 23, 2022, when the suspect ECMs were quarantined. The suspect period was determined using supplier traceability and vehicle production records.

Similar vehicles not included in the recall did not receive suspect ECMs or were repaired prior to release from plant control.

The total affected vehicles for this model is 817.

Production Dates : MAY 31, 2022 - AUG 23, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : A misaligned capacitor could create a short to ground, which could cause an internal loss of communication.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An internal loss of communication could result in a loss of motive power, which can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Module, Engine Control

Component Description : Engine Control Module

Component Part Number : 68569934AA

Supplier Identification :

Component Manufacturer

Name : Cummins Inc.
Address : 500 Jackson Street
Columbus Indiana 47201
Country : United States

Chronology :

- On August 2, 2022, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization opened an investigation into 2022 MY Ram 2500, 3500, and 3500/4500/5500 Cab Chassis vehicles based on information from the vehicle assembly plant regarding suspect ECMs.
- During August 2022, FCA US TSRC reviewed traceability records and met with FCA US manufacturing and determined certain Ram 2500, 3500, and 3500/4500/5500 Cab Chassis vehicles may have been released from the assembly plant with suspect ECMs.
- As of August 15, 2022, FCA US has identified zero customer assistance records, two warranty claims, and zero field reports potentially related to this issue for all markets with dates of receipt of July 6, 2022 and August 5, 2022.
- As of August 15, 2022, FCA US is not aware of any accidents or injuries potentially related to this issue for all markets.
- On August 19, 2022, 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 replace the ECM.

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 is an ECM that does not have a misaligned capacitor.

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

Recall Schedule :

Description of Recall Schedule : **08/26/2022: FCA US will notify dealers and begin notifying owners on or about 10/15/2022.

Planned Dealer Notification Date : OCT 15, 2022 - OCT 15, 2022

Planned Owner Notification Date : OCT 15, 2022 - OCT 15, 2022

* NR - Not Reported