

Part 573 Safety Recall Report

22V-407

Manufacturer Name : Chrysler (FCA US, LLC)**Submission Date :** JUL 07, 2022**NHTSA Recall No. :** 22V-407**Manufacturer Recall No. :** Z47**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 : 117,413

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2022 Ram 1500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2022 MY Ram 1500 vehicles may have been built with an incompatible rearview camera system and radio combination that may prevent the rearview image from displaying under certain conditions.

The suspect period began on June 18, 2021, when the first suspect 2022 MY vehicle was produced, and ended on June 14, 2022, when the assembly plant was no longer shipping noncompliant vehicles. Engineering change and vehicle production records were used to determine the suspect period.

Vehicles not included in this recall are not equipped with the incompatible rearview camera and radio combination or were built after the suspect period.

The total affected vehicles for this model is 79,894.

Production Dates : JUN 18, 2021 - JUN 14, 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 have been built with an incompatible rearview camera system and radio combination that may prevent the rearview image from displaying under certain conditions.

The suspect period began on August 7, 2021, when the first suspect 2022 MY vehicle was produced, and ended on June 8, 2022, when the assembly plant was no longer shipping noncompliant vehicles. Engineering change and vehicle production records were used to determine the suspect period.

Vehicles not included in this recall are not equipped with the incompatible rearview camera and radio combination or were built after the suspect period.

The total affected vehicles for this model is 37,446.

Production Dates : AUG 07, 2021 - JUN 08, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 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 have been built with an incompatible rearview camera system and radio combination that may prevent the rearview image from displaying under certain conditions.

The suspect period began on August 21, 2021, when the first suspect 2022 MY vehicle was produced, and ended on May 28, 2022, when the assembly plant was no longer shipping noncompliant vehicles. Engineering change and vehicle production records were used to determine the suspect period.

Vehicles not included in this recall are not equipped with the incompatible rearview camera and radio combination or were built after the suspect period.

The total affected vehicles for this model is 73.

Production Dates : AUG 21, 2021 - MAY 28, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Federal Motor Vehicle Safety Standard ("FMVSS") 571.111 S6.2.6 requires that "The rear visibility system default to the rearview image being visible, and meet the requirements of FMVSS 571.111 S6.2.1 (field of view) and S6.2.2 (image size) at the beginning of each backing event, regardless of any modifications to the field of view that the driver had previously selected." Suspect vehicles may not display the rearview image during a backing event under certain conditions.

FMVSS 1 : 111 - Rear visibility

FMVSS 2 : NR

Description of the Safety Risk : The vehicle operator will notice that the rearview image is not displayed if attempting to reference the image while backing. If this warning is not heeded, backing without verifying it is safe to do so could lead to an increased risk of injury to people outside the vehicle.

Description of the Cause : NR

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Camera

Component Description : Camera - Rear View

Component Part Number : 04672850AB, 04672735AD

Supplier Identification :**Component Manufacturer**

Name : Valeo Niles Company Ltd

Address : 150 Stephenson Highway
Troy Michigan 48083

Country : United States

Chronology :

- On November 5, 2021, it was discovered at an FCA US LLC ("FCA US") assembly plant while shifting a truck into reverse the rearview image on the radio screen appeared blue with the text stating the camera system is

unavailable.

- From November 2021, through January 2022, supplier testing was performed on vehicles in an attempt to duplicate the issue. The issue was not able to be duplicated until bench testing confirmed the issue on January 19, 2022.
- On January 26, 2022, the FCA US Technical Safety and Regulatory Compliance ("TSRC") organization opened a safety investigation based on engineering testing for a potential noncompliance with FMVSS No. 111 Rear Visibility.
- In February 2022, FCA US Engineering performed comparison testing on Ram 2500 vehicles that have the same camera and radio and was unable to duplicate the issue.
- From February 2022, through April 2022, FCA US TSRC reviewed vehicle records and met with FCA US engineering to review the issue and understand the part design and change history.
- On May 11, 2022, FCA US TSRC recognized that the backup camera may fail internally resulting in the rearview camera image not displaying during a backing event, potentially not in compliance with FMVSS No. 111.
- On June 2, 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 update the radio 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 a radio software update to negate the effect of an unstable image coming from the camera that meets FMVSS 111 Rear Visibility requirements.

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

Recall Schedule :

Description of Recall Schedule : **06/09/2022: FCA US will notify dealers and begin notifying owners on or about 07/29/2022.

Planned Dealer Notification Date : JUL 29, 2022 - JUL 29, 2022

Planned Owner Notification Date : JUL 29, 2022 - JUL 29, 2022

* NR - Not Reported