



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V246

Manufacturer Name: Chrysler (FCA US, LLC)

Submission Date: May 13, 2025

NHTSA Recall No.: 25V246

Manufacturer Recall No.: 13C, 38C

Manufacturer Information

Population

Manufacturer Name: Chrysler (FCA US, LLC)

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

Total number of potentially involved: 48,494

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2023-2025 Alfa Romeo Tonale

Product Category:

Product Type:

Fuel / Propulsion:

Production Dates: Feb 09, 2023 - Apr 07, 2025

Number of potentially involved:

Descriptive Information:

Some 2023-2025 MY Alfa Romeo Tonale vehicles may have been built with a defect, which may result in the rearview image not displaying in a backing event.

The suspect period began on February 9, 2023, when the first suspect 2023 MY vehicle was produced, and ended on April 7, 2025, when the last suspect vehicle was produced. Vehicle production and supplier records were used to determine the suspect population.

Similar vehicles not included in this recall were built after the suspect period.

The total affected vehicles for this model is 8,122.

Vehicle 2: 2023-2025 Dodge Hornet

Product Category:

Product Type:

Fuel / Propulsion:

Production Dates: Aug 31, 2022 - Apr 01, 2025

Number of potentially involved:

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Descriptive Information:

Some 2023-2025 MY Dodge Hornet vehicles may have been built with a defect, which may result in the rearview image not displaying in a backing event.

The suspect period began on August 31, 2022, when the first suspect 2023 MY vehicle was produced, and ended on April 1, 2025, when the last suspect vehicle was produced. Vehicle production records and supplier records were used to determine the suspect population.

Similar vehicles not included in this recall were built after the suspect period.

The total affected vehicles for this model is 40,372.

Defect / Noncompliance Description

Description of the defect or noncompliance:

Federal Motor Vehicle Safety Standard ("FMVSS") No. 571.111 S6.2.6 requires that "The rear visibility system default to the rearview image being visible and meet the requirements of FMVSS No. 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 have cold soldering on a voltage regulator and/or a software defect within the microprocessor which may result in the vehicle not displaying the rearview image during a backing event.

FMVSS1: 111 - Rear visibility

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

A rearview image that does not display reduces the driver's view of what is behind the vehicle. A blank screen will appear in place of the rearview image. If the driver does not heed the blank screen warning and fails to otherwise make sure it is safe to operate the vehicle in reverse, a vehicle crash can occur.

Description of the cause:

Identification of any warning that can occur:

The driver will notice that the rearview image is not displayed when the vehicle is placed into reverse.

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Robert Bosch GmbH

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Address: Strada del Drosso 37/15
Torino Foreign States, 10135

Country: Italy

Involved Components

Component Name 1: Center Display Screen

Component Description: Display Module / SW

Component Part Number: 68631354AA

Chronology

On March 14, 2024, Stellantis Europe Customer Experience ("CX") opened an investigation for a potential issue related to rearview cameras not displaying in some 2023-2025 MY Alfa Romeo Tonale and Dodge Hornet vehicles. From March 2024, through April 2024, Stellantis Europe C.X. reviewed warranty data, field reports, and customer assistance records to understand potential customer consequence. From May 2024, through June 2024, Stellantis Europe C.X. held regular meetings with Stellantis Europe Engineering and Stellantis Europe Supplier Quality to review manufacturing and quality control processes, part design, and production records to understand the scope of the issue. From July 2024, through August 2024, Stellantis Europe Engineering conducted component level tests to reproduce the issue. From September 2024, through October 2024, Stellantis Europe Engineering conducted vehicle level tests to reproduce the issue, as well as debugging and Controller Area Network ("CAN") communication recordings on a field vehicle. From November 2024, through December 2024, Stellantis Europe C.X. received new information and held regular meetings with the Stellantis Europe Engineering and Supplier Quality team to revisit aspects of the failure mode, analyze new warranty claims, and determine its effect on the suspect population. From January 2025, through March 2025, Stellantis Europe Engineering, and Stellantis Europe Supplier Quality, analyzed new information with the supplier to identify a software defect that inhibits proper power-up sequence. On April 3, 2025, the Stellantis Europe C.X. organization recognized a vehicle build issue existed on certain vehicles related to the rearview back up camera not displaying the rearview image, potentially causing a noncompliance with FMVSS No. 111. On April 08, 2025, Stellantis Europe S.p.A determined, through the Vehicle Regulations Committee, to conduct a voluntary safety recall of the affected vehicles.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Replace

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

FCA US will conduct a voluntary safety recall to replace the Center Display Screen assembly and/or

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update the software, dependent on vehicle build date.

FCA US submitted its General Reimbursement Plan relating to reimbursement to owners and purchasers for costs incurred for remedies in advance of the manufacturer's notification of safety-related defects and noncompliance with Federal motor vehicle safety standards in October 2024. Owners and purchasers may be eligible for reimbursement in accordance with that plan.

How remedy component differs from recalled component:

For vehicles produced on or before December 6, 2023, the remedy will be a Center Display Screen assembly with a new printed circuit board layout and software update. For vehicles produced after December 6, 2023, the remedy will be a software update only (vehicles already contain the new printed circuit board).

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Description of reimbursement program:

Period of reimbursement:

Costs to be reimbursed:

Address for reimbursement claims:

Recall Schedule

Description of recall schedule:

**04/15/2025: FCA US will notify dealers on or about 04/22/2025 and begin notifying owners on or about 06/04/2025.

Planned Dealer Notification Date: Apr 22, 2025 - Apr 22, 2025 No Dealers

Planned Interim Owner Notification Date: No Owners

Planned Remedy Owner Notification Date: Jun 04, 2025 - Jun 04, 2025 Phased Recall

Date when VIN will be searchable: