



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V665

**Manufacturer Name:** Chrysler (FCA US, LLC)

**Submission Date:** Oct 06, 2025

**NHTSA Recall No.:** 25V665

**Manufacturer Recall No.:** 98C

### 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:** 790

**Estimated percentage with defect:** 100%

### Vehicle Information

**Vehicle 1:** 2024-2025 RAM PROMASTER

**Product Category:** Light Vehicles

**Product Type:**

**Fuel / Propulsion:** Electric Battery Power

**Production Dates:** Aug 31, 2023 - Jul 17, 2025

**Number of potentially involved:** 790

**Descriptive Information:**

Some 2024 - 2025MY Ram ProMaster Battery Electric Vehicles ("BEV") may have been built with Motor Control Processor ("MCP") software that does not effectively limit dynamic torque spikes.

The suspect period began on August 31, 2023, when vehicles began being produced with suspect software, and ended on July 17, 2025, when vehicles were no longer being produced with suspect software. Engineering release and vehicle production records were used to determine the suspect population.

Similar vehicles not included in this recall were built after the suspect period or had the correct MCP software flashed prior to being released from vehicle plant control.

### Defect / Noncompliance Description

**Description of the defect or noncompliance:**

Dynamic torque spikes that are not limited can damage the differential housing potentially resulting in a Loss of Propulsion ("LOP").

**FMVSS1:**

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## FMVSS2:

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

An unexpected LOP can cause a vehicle crash without prior warning.

### Description of the cause:

### Identification of any warning that can occur:

None

## Component Manufacturer

### Tier of Supplier:

### Supplier Type:

**Name:** Jing-Jin Electric North America LLC

**Address:** 34700 Grand River Ave  
Farmington Hills MI, 48335

**Country:** United States

## Involved Components

**Component Name 1:** EDM

**Component Description:** Electric Drive Module

**Component Part Number:** 68469910AC, 68469910AD

## Chronology

- On March 14, 2025, Stellantis Europe S.p.A opened an investigation based on a plant alert for broken differential housings on the Electric Drive Module ("EDM") on Fiat Ducato vehicles.
- Between March 2025 and August 2025, the Stellantis Europe S.p.A Control Tower organization, FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization, and Stellantis Engineering met to review the issue, understand all potential failure modes, and to determine the suspect population.
- On September 17, 2025, the FCA US TSRC organization opened an investigation into some 2024 - 2025MY Ram ProMaster vehicles that may have been built with software that allows dynamic torque spikes that were not limited potentially resulting in a LOP.

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- As of September 24, 2025, FCA US is aware of no customer assistance, warranty claims or service records and two field reports potentially relating to this issue for all markets with dates of receipt ranging from April 09, 2024, through October 31, 2024.
- As of September 24, 2025, FCA US is not aware of any accidents or injuries potentially related to this issue for all markets.
- On October 02, 2025, FCA US determined, through the Vehicle Regulations Committee, that a safety defect exists in certain vehicles.

**Related NHTSA Recall Number:**

## Description of Remedy

**Remedy Type:** Software, Replace, Inspect

**Consumer Advisories:**  Do Not Drive  Park Outside

**Description of remedy program:**

FCA US LLC will conduct a voluntary safety recall on all affected vehicles to reprogram the MCP, Battery Processor Control Module ("BPCM"), Integrated Dual Charge Module ("IDCM"), Electric Vehicle Control Unit ("eVCU") and inspect and if necessary, replace the EDM.

**How remedy component differs from recalled component:**

The remedy will be a reprogrammed MCP, BPCM, IDCM and eVCU and inspect and if necessary, replace the EDM.

**Identify how/when recall condition was corrected in production:**

## Reimbursement Plan

Manufacturer used general reimbursement plan on file.

## Recall Schedule

**Description of recall schedule:**

\*10/06/2025: FCA US will notify dealers on or about 10/16/2025 and begin notifying owners on or about 10/30/2025.

**Planned Dealer Notification Date:** Oct 16, 2025 - Oct 16, 2025

No Dealers

**Part 573 Safety Recall Report****25V665****Planned Interim Owner Notification Date:** No Owners**Planned Remedy Owner Notification Date:** Oct 30, 2025 - Oct 30, 2025 Phased Recall**Date when VIN will be searchable:** Oct 16, 2025