



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V576

Manufacturer Name: Chrysler (FCA US, LLC)

Submission Date: Sep 04, 2025

NHTSA Recall No.: 25V576

Manufacturer Recall No.: 73C

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: 91,787

Estimated percentage with defect: 1%

Vehicle Information

Vehicle 1: 2022-2026 JEEP GRAND CHEROKEE

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Plug-In Hybrid

Production Dates: Jul 23, 2021 - Aug 29, 2025

Number of potentially involved: 91,787

Descriptive Information:

Some 2022-2026 MY Jeep Grand Cherokee Plug-In Hybrid Electric Vehicles ("PHEV") may experience an overloading of the Battery Pack Control Module ("BPCM") microprocessor resulting in a BPCM reset. During some BPCM resets, the Hybrid Control Processor ("HCP") incorrectly interprets a signal from the BPCM.

The suspect period began on July 23, 2021, when suspect HCP software was introduced in vehicle production, and ended August 29, 2025, when suspect vehicles were maintained in plant control. Engineering and vehicle assembly plant records were used to determine the suspect period.

Similar vehicles not included in this recall do not have an HCP or were built after the suspect period.

Defect / Noncompliance Description

Description of the defect or noncompliance:

A BPCM reset which is incorrectly interpreted by the HCP may cause a loss of propulsion.

FMVSS1:

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FMVSS2:

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

An unexpected loss of propulsion 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: Component manufactured by FCA US

Address:

Country:

Involved Components

Component Name 1: HCP Software

Component Description: HCP Software

Component Part Number: See attached supplemental information titled "FCA US LLC Recall Part Numbers-73C-09042025.pdf"

Chronology

- On May 1, 2025, FCA US LLC ("FCA US") received a Preliminary Information Request from NHTSA's Office of Defect Investigations which FCA US responded to on May 23, 2025.
- On June 23, 2025, FCA US received a supplemental request from NHTSA which FCA US responded to on July 14, 2025.
- On June 24, 2025, the FCA US Technical Safety and Regulatory Compliance ("TSRC") organization opened an investigation into loss of propulsion complaints in some Jeep Grand Cherokee PHEVs.
- Between June 2025 and August 2025, FCA US TSRC met with FCA US Engineering to review the issue, understand all potential failure modes, and to determine the suspect population.

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- As of August 18, 2025, FCA US is aware of 96 customer assistance records, 110 field reports, and 320 other service records potentially relating to this issue for all markets with dates of receipt ranging from December 23, 2024, to August 8, 2025.
- As of August 18, 2025, FCA US is not aware of any accidents or injuries potentially related to this issue for all markets.
- On August 28, 2025, FCA US determined, through the Vehicle Regulations Committee, a defect affecting motor vehicle safety potentially exists on all affected vehicles.

Related NHTSA Recall Number:

Description of Remedy

Remedy Type:

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Remedy under development.

How remedy component differs from recalled component:

Remedy under development.

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

****09/04/2025:** FCA US will notify dealers on or about 09/11/2025 and begin notifying owners on or about 10/23/2025.

Planned Dealer Notification Date: Sep 11, 2025 - Sep 11, 2025

☐ No Dealers

Planned Interim Owner Notification Date:

☐ No Owners

Part 573 Safety Recall Report**25V576****Planned Remedy Owner Notification Date:** Oct 23, 2025 - Oct 24, 2025 ☐ Phased Recall**Date when VIN will be searchable:** Sep 11, 2025