



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V741

Manufacturer Name: Chrysler (FCA US, LLC)

Submission Date: Nov 06, 2025

NHTSA Recall No.: 25V741

Manufacturer Recall No.: 68C

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: 320,065

Estimated percentage with defect: 5%

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 - Oct 15, 2025

Number of potentially involved: 91,844

Descriptive Information:

Some 2022-2026MY Jeep Grand Cherokee PHEVs may have been built with a HV battery pack manufactured with cells which may be susceptible to separator damage.

The suspect vehicle population began on July 23, 2021, when PHEV production began, and ended on October 15, 2025, when the last vehicle with a suspect HV battery was built. Vehicle manufacturing records were used to determine the suspect period.

Similar vehicles not included in this recall are not PHEVs.

Vehicle 2: 2020-2025 JEEP WRANGLER

Product Category: Light Vehicles

Product Type:

Fuel / Propulsion: Plug-In Hybrid

Production Dates: Jul 01, 2020 - Aug 25, 2025

Number of potentially involved: 228,221

Descriptive Information:

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Some 2020-2025MY Jeep Wrangler plug-in hybrid electric vehicles ("PHEVs") may have been built with a high voltage ("HV") battery pack manufactured with cells which may be susceptible to separator damage.

The suspect vehicle population began on July 1, 2020, when PHEV production began, and ended on August 25, 2025, when the last vehicle with a suspect HV battery was built. Vehicle manufacturing records were used to determine the suspect period.

Similar vehicles not included in this recall are not PHEVs.

Defect / Noncompliance Description

Description of the defect or noncompliance:

In rare circumstances, a battery pack may contain cells with separator damage. Separator damage, combined with other complex interactions within the cells, may lead to a vehicle fire.

FMVSS1:

FMVSS2:

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

A vehicle fire can result in increased risk of occupant injury and injury to persons outside the vehicle. Vehicle risk is reduced when the battery charge level is depleted. Accordingly, owners are advised to refrain from recharging. Out of an abundance of caution, FCA US is also advising owners of these vehicles to park away from structures or other vehicles until the remedy is obtained.

Description of the cause:

Identification of any warning that can occur:

None

Component Manufacturer

Tier of Supplier:

Supplier Type:

Name: Samsung SDI America INC

Address: 4121 N Atlantic Blvd
Auburn Hills MI, 48326

Country: United States

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Involved Components

Component Name 1: Hybrid Service Kit

Component Description: Battery Pack, 400V

Component Part Number: 68488244AA / 68540591AA

Chronology

- On July 3, 2025, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization opened an investigation after receiving reports of fires originating from the HV battery in certain Jeep Wrangler PHEVs and Jeep Grand Cherokee PHEVs outside the scope of FCA US Recall ID 95B (NHTSA ID 24V-720) ("95B"), as well as reports of fires originating from the HV battery pack in vehicles which have received the 95B remedy. Samsung SDI obtained a battery pack from a vehicle which experienced a HV battery fire with cells manufactured outside the scope of 95B. After fully analyzing the battery pack, Samsung SDI determined the fire was caused by the same defect reported in the previous 95B campaign and has been working to identify additional factors potentially relating to root cause.
- As of October 13, 2025, FCA US has received 9 reports of fires originating from the HV battery in Jeep Wrangler and Jeep Grand Cherokee vehicles which have received the 95B remedy software. FCA US has determined the 95B remedy is ineffective at detecting certain abnormalities within the HV battery which may lead to a fire.
- As of October 13, 2025, FCA US is aware of 10 fires originating from HV batteries which have cells manufactured outside the scope of 95B. Samsung SDI has stated the most likely root cause is separator damage combined with other complex interactions within the cell. FCA US and Samsung SDI continue to investigate potential factors relating to root cause.
- As of October 13, 2025, FCA US is aware of 19 customer assistance records, 0 warranty claims, and 19 field reports potentially relating to this issue for all markets with dates of receipt ranging from January 27, 2025, to September 2, 2025.
- As of October 13, 2025, FCA US is aware of 1 injury and 0 accidents potentially related to this issue for all markets.
- On October 24, 2025, FCA US determined, through the Vehicle Regulations Committee, a defect affecting motor vehicle safety potentially exists in all affected vehicles.

Related NHTSA Recall Number: 24V720

Description of Remedy

Remedy Type: Inspect, Software, Replace

Consumer Advisories: Do Not Drive Park Outside

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Description of remedy program:

FCA US will conduct a voluntary safety recall. Remedy is a software flash followed by a HV battery replacement, if needed. FCA US will provide a Warranty Extension for all impacted customers experiencing messaging related to the defect to replace the battery. Warranty Extension terms are unlimited years/unlimited mileage.

How remedy component differs from recalled component:

Remedy is a software flash followed by a HV battery replacement if needed.

Identify how/when recall condition was corrected in production:

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

**10/30/2025: FCA US will notify dealers on or about 11/06/2025 and begin notifying owners on or about 12/02/2025

- Planned Dealer Notification Date:** Nov 06, 2025 - Nov 06, 2025 No Dealers
- Planned Interim Owner Notification Date:** Dec 02, 2025 - Dec 09, 2025 No Owners
- Planned Remedy Owner Notification Date:** Phased Recall
- Date when VIN will be searchable:** Nov 06, 2025