

Part 573 Safety Recall Report

23V-303

Manufacturer Name : Chrysler (FCA US, LLC)**Submission Date :** APR 27, 2023**NHTSA Recall No. :** 23V-303**Manufacturer Recall No. :** 53A**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 : 2,564

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2023 Jeep Wrangler

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2022 - 2023 MY Jeep Wrangler Plug-In Hybrid Electric Vehicles ("PHEV") may have been built with incorrect fasteners securing the 200 amp fuse in the high voltage ("HV") battery.

The suspect period began on January 10, 2022, when incorrect fasteners securing the 200-amp fuse were introduced into vehicle production, and ended on September 20, 2022, when the incorrect fasteners were no longer used. The suspect population was determined using vehicle and supplier manufacturing records.

Similar vehicles not included in this recall were built before or after the suspect period, were included in 22V-768 (Z71), were built with correct fasteners securing the 200 amp fuse, or were not PHEVs.

Production Dates : JAN 10, 2022 - SEP 20, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : An incorrect fastener can cause high resistance in the 200 amp fuse interface, which will generate heat.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Excessive heat in the fuse interface may cause the fuse to fail resulting in a

Description of the Safety Risk : loss of motive power, which can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : Customer may notice a Malfunction Indicator Lamp (MIL), a change in drivability, and/or noise at the HV battery pack assembly.

Involved Components :

Component Name 1 : Hybrid Battery Pack Assembly

Component Description : Battery Pack Assembly - Hybrid

Component Part Number : 05193168AH

Supplier Identification :

Component Manufacturer

Name : SAMSUNG SDI AMERICA INC

Address : 4121 N Atlantic Blvd
Auburn Hills Michigan 48326

Country : United States

Chronology :

- On February 2, 2023, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization received a report of a fuse melting in the HV battery of a 2022 MY Jeep Wrangler PHEV.
- On February 20, 2023, the FCA US TSRC organization opened an investigation after receiving a second report of a fuse melting in the HV battery of a 2022 MY Jeep Wrangler PHEV.
- On March 2, 2023, FCA US TSRC received fuse tray and battery pack trace data from the supplier.
- On March 28, 2023, FCA US TSRC identified additional vehicles affected by this issue.
- As of April 11, 2023, FCA US is aware of zero customer records, zero warranty claims, and two field reports potentially related to this issue for all markets with dates of receipt ranging from February 2, 2023 through February 20, 2023.
- As of April 11, 2023, FCA US is not aware of any accidents or injuries potentially related to this issue for all markets.

- On April 20, 2023, 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 inspect the HV battery fuse for the correct fasteners. If an incorrect fastener is found, FCA US will replace the fuse assembly. If charring or discoloration is present on the bus bars, FCA US will replace the HV battery pack assembly.

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 an HV battery fuse assembly with correct fasteners.

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

Recall Schedule :

Description of Recall Schedule : **04/27/2023: FCA US will notify dealers and begin notifying owners on or about 06/16/2023.

Planned Dealer Notification Date : JUN 16, 2023 - JUN 16, 2023

Planned Owner Notification Date : JUN 16, 2023 - JUN 16, 2023

* NR - Not Reported