

Part 573 Safety Recall Report

22V-768

Manufacturer Name : Chrysler (FCA US, LLC)**Submission Date :** OCT 13, 2022**NHTSA Recall No. :** 22V-768**Manufacturer Recall No. :** Z71**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 : 13,722

Estimated percentage with defect : 35 %

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 pack assembly.

The suspect period began on January 13, 2022, when incorrect fasteners securing the 200 amp fuse were introduced into vehicle production, and ended on May 18, 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 built with correct fasteners securing the 200 amp fuse, or were not PHEVs.

Production Dates : JAN 13, 2022 - MAY 18, 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 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 April 25, 2022, FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization opened an investigation after receiving a report of a damaged fuse in the HV battery pack assembly on a 2022 MY Jeep Wrangler PHEV.
- On April 26, 2022, FCA US received a second report of a damaged fuse in the HV battery.
- On April 29, 2022, FCA US received a third report of a damaged fuse in the HV battery.
- On May 2, 2022, FCA US determined an incorrect fastener was used to secure the 200 amp fuse in the HV battery.
- On June 24, 2022, FCA US received a report of a damaged fuse in the HV battery and arranged to have the battery returned to the supplier.
- On September 9, 2022, FCA US received confirmation of the wrong fastener used to secure the 200 amp fuse in the HV battery.
- As of September 29, 2022, FCA US is aware of three customer records, three warranty claims, and six field reports potentially related to this issue for all markets with dates of receipt ranging from March 26, 2022 to

June 24, 2022.

- As of September 29, 2022, FCA US is not aware of any accidents or injuries potentially related to this issue for all markets.
- On October 6, 2022, 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 : **10/13/2022: FCA US will notify dealers and begin notifying owners on or about 12/02/2022.

Planned Dealer Notification Date : DEC 02, 2022 - DEC 02, 2022

Planned Owner Notification Date : DEC 02, 2022 - DEC 02, 2022

* NR - Not Reported