

Part 573 Safety Recall Report

23E-036

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : APR 27, 2023

NHTSA Recall No. : 23E-036

Manufacturer Recall No. : 54A



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 : 220

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : MOPAR

Model : SVCE KIT - HYBRID BATTERY PACK

Part No. : 68488244AA

Size : NR

Function : NR

Descriptive Information : Some high voltage ("HV") batteries may have been manufactured with a 200 amp fuse with an incorrect fastener.

The suspect part population began on December 15, 2021, through May 18, 2022, and was determined using supplier manufacturing records.

Similar HV batteries not included in this recall were manufactured before or after the suspect period.

Production Dates : DEC 15, 2021 - MAY 18, 2022

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 : Customer may notice a Malfunction Indicator Lamp (MIL), a change in

that can Occur : drivability, and/or noise at the HV battery pack assembly.

Involved Components :

Component Name : Hybrid Battery Pack Assembly

Component Description : Battery Pack Assembly - Hybrid

Component Part Number : 68488244AA

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 three customer records, three warranty claims, and eight field reports potentially related to this issue for all markets with dates of receipt ranging from March 26, 2022, 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 units.

Description of Remedy :

Description of Remedy Program : FCA US will conduct a voluntary safety recall on all affected equipment to inspect the HV battery fuse for the correct fasteners. If the incorrect fasteners are found, replace the fuse assembly. If charring or discoloration is present on the bus bars, replace the HV battery.

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

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

* NR - Not Reported