

Part 573 Safety Recall Report

23V-623

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : SEP 19, 2023

NHTSA Recall No. : 23V-623

Manufacturer Recall No. : 98A



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 : 4,129

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2023-2024 Alfa Romeo Tonale

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2023-2024 MY Alfa Romeo Tonale Plug-In Hybrid Electric Vehicles ("PHEVs") may have been built with missing or an incorrectly torqued nut on the 12 Volt ("12V") battery positive cable on the integrated dual charging module ("IDCM"), as well as the two high voltage ("HV") connections with grounds.

The suspect period began on February 9, 2023, when loose 12V battery positive cable nuts and/or high voltage connectors were introduced into vehicle production, and ended on August 23, 2023, when Stellantis Europe S.p.A. began containing vehicles under its control. Vehicle production records were used to determine the suspect period.

Similar vehicles not included in this recall were built before or after the suspect period, or were built with a properly torqued 12V battery and high voltage connections on the IDCM.

The total affected vehicles for this model is 1,875.

Production Dates : FEB 09, 2023 - AUG 23, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2023-2024 Dodge Hornet

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2023-2024 MY Dodge Hornet PHEVs may have been built with missing or an incorrectly torqued nut on the 12V battery positive cable on the IDCM, as well as the two HV connections with grounds.

The suspect period began on December 13, 2022, when loose 12V battery positive cable nuts and/or high voltage connectors were introduced into vehicle production, and ended on August 23, 2023, when Stellantis Europe S.p.A. began containing vehicles under its control. Vehicle production records were used to determine the suspect period.

Similar vehicles not included in this recall were built before or after the suspect period, or were built with a properly torqued 12V battery and high voltage connections on the IDCM.

The total affected vehicles for this model is 2,254.

Production Dates : DEC 13, 2022 - AUG 23, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : A loose 12V battery positive cable and/or high voltage connectors may result in a high resistance in the connection to the IDCM which may lead to a vehicle fire with the ignition on or off.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A vehicle fire can result in increased risk of occupant injury and/or injury to persons outside the vehicle, as well as property damage.

Description of the Cause : NR

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Nut

Component Description : Positive Cable Nut

Component Part Number : 14076515

Component Name 2 : Screw

Component Description : Ground Cable Screws

Component Part Number : 18752121

Component Name 3 : Connector

Component Description : High Voltage Connector Cable with screw

Component Part Number : 50574018

Supplier Identification :

Component Manufacturer

Name : DA-TOR S.P.A. A SOCIO UNICO

Address : VIA PROVINCIALE N.2 - VERDERIO (LC)
N/A Foreign States 23879

Country : Italy

Chronology :

- On August 23, 2023, the Stellantis Europe S.p.A. Customer Experience ("CX") organization opened an investigation as a result of an assembly plant report checking presence and torque of the IDCM positive battery cable nut.
- From August 23, 2023, through August 29, 2023, Stellantis Europe S.p.A. CX reviewed production data, met with engineering to understand the design and history, and reviewed torque traceability data.
- On August 24, 2023, the Pomigliano plant issued a corrective action by updating the wireless screwdriver and adding results tracking to their manufacturing execution system.
- As of August 30, 2023, Stellantis Europe S.p.A. is aware of zero customer assistance records, zero warranty claims, and two field reports potentially relating to this issue for all markets with dates of receipt ranging from July 18, 2023, through August 14, 2023.

- As of August 30, 2023, Stellantis Europe S.p.A. is not aware of any accidents or injuries potentially relating to this issue for all markets.
- On August 30, 2023, Stellantis Europe S.p.A. 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 LLC ("FCA US") will conduct a voluntary safety recall to check presence and torque of the 12V IDCM battery positive cable nut and the HV connections and if necessary, install and/or properly torque the nuts and connections. Customers are advised to not park these vehicles inside of buildings or structures, or near other vehicles until the vehicle has the final repair completed.

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 : This recall is not related to a part defect but rather an assembly issue where the vehicle may have been built with loose 12V battery positive cable and/or high voltage connectors. The remedy will be to inspect and replace or torque the nuts and connections.

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

Recall Schedule :

Description of Recall Schedule : **09/07/2023: FCA US will notify dealers and begin notifying owners on or about 10/27/2023.

Planned Dealer Notification Date : OCT 27, 2023 - OCT 27, 2023

Planned Owner Notification Date : OCT 27, 2023 - OCT 27, 2023

* NR - Not Reported