

Part 573 Safety Recall Report

23V-060

Manufacturer Name : Chrysler (FCA US, LLC)**Submission Date :** FEB 23, 2023**NHTSA Recall No. :** 23V-060**Manufacturer Recall No. :** 13A**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 : 302,067

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2023 Ram 2500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2021-2023 MY Ram 2500 trucks equipped with the Cummins 6.7L Turbo Diesel engine can experience an engine compartment fire originating from the Generation 1 Solid State Intake Heater Grid Relay ("Relay").

The suspect period began on August 3, 2020, when production of Ram 2500 vehicles equipped with the Relay began, and ended on February 1, 2023, when FCA US LLC ("FCA US") no longer built vehicles with the Relay. The suspect period was determined using production and engineering change records.

Similar vehicles not included in the recall population are not equipped with the Relay, or were produced before or after the suspect period.

The total affected vehicles for this model is 154,852.

Production Dates : AUG 03, 2020 - FEB 01, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2023 Ram 3500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2021-2023 MY Ram 3500 trucks equipped with the Cummins 6.7L Turbo Diesel engine can experience an engine compartment fire originating from the Relay.

The suspect period began on August 5, 2020, when production of Ram 3500 vehicles equipped with the Relay began, and ended on February 1, 2023, when FCA US no longer built vehicles with the Relay. The suspect period was determined using production and engineering change records.

Similar vehicles not included in the recall population are not equipped with the Relay, or were produced before or after the suspect period.

The total affected vehicles for this model is 88,423.

Production Dates : AUG 05, 2020 - FEB 01, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2021-2023 Ram 4500/5500 Cab Chassis

Vehicle Type :

Body Style : OTHER

Power Train : NR

Descriptive Information : Some 2021-2023 MY Ram 4500/5500 Cab Chassis vehicles equipped with the Cummins 6.7L Turbo Diesel engine can experience an engine compartment fire originating from the Relay.

The suspect period began on November 13, 2020, when production of Ram 4500/5500 vehicles equipped with the Relay began, and ended on February 1, 2023, when FCA US no longer built vehicles with the Relay. The suspect period was determined using production and engineering change records.

Similar vehicles not included in the recall population are not equipped with the Relay, or were produced before or after the suspect period.

The total affected vehicles for this model is 41,412.

Production Dates : NOV 13, 2020 - FEB 01, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2021-2023 Ram 3500 Cab Chassis

Vehicle Type :

Body Style : OTHER

Power Train : NR

Descriptive Information : Some 2021-2023 MY Ram 3500 Cab Chassis vehicles equipped with the Cummins 6.7L Turbo Diesel engine can experience an engine compartment fire originating from the Relay.

The suspect period began on August 12, 2020, when production of Ram 3500 Cab Chassis vehicles equipped with the Relay began, and ended on February 1, 2023, when FCA US no longer built vehicles with the Relay. The suspect period was determined using production and engineering change records.

Similar vehicles not included in the recall population are not equipped with the Relay, or were produced before or after the suspect period.

The total affected vehicles for this model is 17,380.

Production Dates : AUG 12, 2020 - FEB 01, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : An electrical short in the Relay can potentially 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 : Relay

Component Description : Generation 1 solid state intake heater grid relay

Component Part Number : 68444169AA, 68444169AB

Supplier Identification :

Component Manufacturer

Name : Eberspaecher Controls
Address : MAX-PLANCK-STR. 3
Landau Foreign States 76829
Country : Germany

Chronology :

- On October 10, 2022, the FCA US Technical Safety and Regulatory Compliance ("TSRC") organization reopened an investigation into 2021-2023 MY Ram 2500, 3500, and 3500/4500/5500 Cab Chassis trucks as a result of a detection of a potential trend of engine compartment fires in vehicles built after the Recall 21V-798 (FCA US No. Y76) clean point.
- From October 2022, through January 2023, TSRC analyzed fire patterns, witness statements, and vehicle histories to confirm the events were trend-related.
- During December 2022 and January 2023, FCA US Engineering conducted root cause analysis, including an assessment of the potential involvement of the heater grid relay.
- As of February 2, 2023, FCA US identified six customer assistance records, three warranty claims, and six field reports potentially related to this issue for all markets with dates of receipt ranging from July 11, 2022 to January 13, 2023.
- As of February 2, 2023, FCA US is aware of zero accidents and zero injuries potentially related to this issue for all markets.
- On February 2, 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 replace the suspect Relay. 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 : The remedy will be a new internally fused relay (Generation 2).

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

Recall Schedule :

Description of Recall Schedule : **02/09/2023: FCA US will notify dealers and begin notifying owners on or about 03/31/2023.

Planned Dealer Notification Date : MAR 31, 2023 - MAR 31, 2023

Planned Owner Notification Date : MAR 31, 2023 - MAR 31, 2023

* NR - Not Reported