

Part 573 Safety Recall Report

21V-163

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : MAY 13, 2021

NHTSA Recall No. : 21V-163

Manufacturer Recall No. : Y08



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 : 19,214

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 Ram 3500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2021 MY Ram 3500 trucks equipped with the Cummins 6.7L Turbo Diesel engine can experience an engine compartment fire originating from the Solid State Intake Heater Grid Relay ("Relay").

The suspect period began August 5, 2020, when production of Ram 3500 vehicles equipped with the Relay began, and ended on January 8, 2021 when FCA US LLC ("FCA US") introduced protective tape into production. The suspect period was determined using field data 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 5,216.

Production Dates : AUG 05, 2020 - JAN 08, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2021-2021 Ram 4500/5500 Cab Chassis

Vehicle Type :

Body Style : OTHER

Power Train : NR

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

The suspect period began November 13, 2020, when production of Ram 4500/5500 Cab Chassis vehicles equipped with the Relay began, and ended on January 8, 2021 when FCA US introduced protective tape into production. The suspect period was determined using field data 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 2,682.

Production Dates : NOV 13, 2020 - JAN 08, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2021-2021 Ram 3500 Cab Chassis

Vehicle Type :

Body Style : OTHER

Power Train : NR

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

The suspect period began August 12, 2020, when production of Ram 3500 Cab Chassis vehicles equipped with the Relay began, and ended on January 8, 2021 when FCA US introduced protective tape into production. The suspect period was determined using field data 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 887.

Production Dates : AUG 12, 2020 - JAN 08, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2021-2021 Ram 2500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2021 Ram 2500 trucks equipped with the Cummins 6.7L Turbo Diesel engine can experience an engine compartment fire originating from the Relay.

The suspect period began August 3, 2020, when production of Ram 2500 vehicles equipped with the Relay began, and ended on January 8, 2021 when FCA US introduced protective tape into production. The suspect period was determined using field data 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 10,429.

Production Dates : AUG 03, 2020 - JAN 08, 2021

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 : Solid state intake heater grid relay

Component Part Number : 68444169AA

Supplier Identification :**Component Manufacturer**

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

Chronology :

- On February 17, 2021, FCA US Vehicle Safety and Regulatory Compliance ("VSRC") opened an investigation into 2021 MY Ram 2500, 3500, and 4500/5500 trucks as a result of a detected trend of engine compartment fires.
- During February 2021, FCA US VSRC conducted analysis of fire patterns, witness statements, and vehicle history and determined all of the effected vehicles were equipped with the Solid State Intake Heater Grid Relay, and determined it was the origin of the fires.
- As of February 25, 2021, FCA US identified zero customer assistance records, zero warranty claims, and zero field reports potentially related to this issue.
- As of February 25, 2021, FCA US is not aware of any injuries or fatalities related to this issue.
- On March 04, 2021, 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 install a protective barrier on the relay.

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 include application of a protective barrier to the relay.

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

Recall Schedule :

Description of Recall Schedule : **03/11/2021: FCA US will notify dealers and begin notifying owners on or about 04/30/2021.

Planned Dealer Notification Date : APR 30, 2021 - APR 30, 2021

Planned Owner Notification Date : APR 30, 2021 - APR 30, 2021

* NR - Not Reported