

Part 573 Safety Recall Report

22E-087

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : FEB 23, 2023

NHTSA Recall No. : 22E-087

Manufacturer Recall No. : Z97



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 : 184

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Mopar

Model : 3.0L Diesel Engine

Part No. : 05162111AF

Size : NR

Function : NR

Descriptive Information : Some 3.0L Diesel engines may have been produced with high pressure fuel pumps ("HPFPs") that may wear prematurely and could fail internally.

The suspect part population includes 3.0L diesel engines built June 10, 2019, through July 22, 2020, and was determined using supplier shipment information and sales records of the suspect parts.

Similar 3.0L Diesel engines not included in the recall population were manufactured before or after the suspect period.

The total affected parts for this part number is 37.

Production Dates : JUN 10, 2019 - JUL 22, 2020

Brand / Trade 2 : Mopar
Model : 3.0L Diesel Engine
Part No. : 05162111BA
Size : NR
Function : NR

Descriptive Information : Some 3.0L Diesel engines may have been produced with HPFPs that may wear prematurely and could fail internally.

The suspect part population includes 3.0L diesel engines built July 23, 2020, through May 18, 2021, and was determined using supplier shipment information and sales records of the suspect parts.

Similar 3.0L Diesel engines not included in the recall population were manufactured before or after the suspect period.

The total affected parts for this part number is 113.

Production Dates : JUL 23, 2020 - MAY 18, 2021

Brand / Trade 3 : Mopar
Model : 3.0L Diesel Engine
Part No. : 05162119AH
Size : NR
Function : NR

Descriptive Information : Some 3.0L Diesel engines may have been produced with HPFPs that may wear prematurely and could fail internally.

The suspect part population includes 3.0L diesel engines built July 17, 2019, through May 20, 2021, and was determined using supplier shipment information and sales records of the suspect parts.

Similar 3.0L Diesel engines not included in the recall population were manufactured before or after the suspect period.

The total affected parts for this part number is 34.

Production Dates : JUL 17, 2019 - MAY 20, 2021

Description of Defect :

Description of the Defect : A high pressure fuel pump failure may introduce internally failed component debris into the fuel system potentially causing fuel starvation if installed into a vehicle.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Fuel starvation may result in an unexpected loss of motive power, which can cause vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : Vehicle occupants may notice a Malfunction Indicator Lamp illuminating, a service Electronic Throttle Control indicator, a fuel leak at the HPFP, or excessive noise from the HPFP.

Involved Components :

Component Name : Engine Assembly

Component Description : 3.0L Diesel Engine

Component Part Number : 05162111AF / 05162111BA / 05162119AH

Supplier Identification :**Component Manufacturer**

Name : Robert Bosch GmbH

Address : Robert-Bosch-Platz 1

Gerlingen-Schillerhhe Foreign States 70839

Country : Germany

Chronology :

- On February 9, 2022, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization opened an investigation into 2020-2022 MY Jeep Wrangler, 2021-2022 MY Jeep Gladiator, and 2020-2022 MY Ram 1500 vehicles for potential premature high pressure fuel pump failures in vehicles equipped with the 3.0L diesel engine which may result in a stall.
- From February 2022, through August 2022, FCA US TSRC conducted an analysis of stall patterns and vehicle history, determined that the affected vehicles were equipped with the Bosch CP4.2 high pressure fuel pump,

and determined that the high pressure fuel pump was the origin of the stalls.

- As of September 29, 2022, FCA US is aware of 22 customer assistance records, 205 warranty claims, and 33 field reports potentially related to this issue for all markets with dates of receipt ranging from June 18, 2020 to September 26, 2022.
- As of September 29, 2022, FCA US is aware of zero accidents and zero 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 units.

Description of Remedy :

Description of Remedy Program : FCA US will conduct a voluntary safety recall on all affected parts to repurchase suspect uninstalled engines. For installed engines, FCA US will replace the HPFP, and inspect and, if necessary, replace additional fuel system components.

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 is to replace affected pumps with a new HPFP with improved durability.

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

Recall Schedule :

Description of Recall Schedule : **02/23/2023: FCA US will notify dealers and begin notifying owners on or about 08/24/2023.

**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

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