

Part 573 Safety Recall Report

23E-032

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : AUG 15, 2023

NHTSA Recall No. : 23E-032

Manufacturer Recall No. : 02A



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 : 8,459

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Mopar

Model : High Pressure Fuel Pump

Part No. : 68501449AA

Size : NR

Function : NR

Descriptive Information : Some high pressure fuel pumps ("HPFPs") may wear prematurely and could fail internally.

The suspect part population includes HPFPs built July 1, 2021, through April 6, 2023, and was determined using supplier shipment information and sales records of the suspect parts.

Similar HPFPs not included in the recall population were manufactured before or after the suspect period.

The total affected parts for this part number is 5,307.

Production Dates : JUL 01, 2021 - APR 06, 2023

Brand / Trade 2 : Mopar
Model : 3.0L Diesel Engine
Part No. : 05162119BB
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 12, 2021, through April 6, 2023, 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 144.

Production Dates : JUL 12, 2021 - APR 06, 2023

Brand / Trade 3 : Mopar
Model : 3.0L Diesel Engine
Part No. : 05162111CB
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 14, 2021, through April 6, 2023, 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 79.

Production Dates : JUL 14, 2021 - APR 06, 2023

Brand / Trade 4 : Mopar
Model : 3.0L Diesel Engine
Part No. : 05158048AH
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 November 23, 2021, through March 31, 2023, 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 2,615.

Production Dates : NOV 23, 2021 - MAR 31, 2023

Brand / Trade 5 : Mopar
Model : 3.0L Diesel Engine
Part No. : 05158052AG
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 November 23, 2021, through March 31, 2023, 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 314.

Production Dates : NOV 23, 2021 - MAR 31, 2023

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 : Injection Pump

Component Description : High Pressure Fuel Pump

Component Part Number : 68501449AA

Component Name : Engine Assembly

Component Description : 3.0L Diesel Engine

Component Part Number : 05162119BB / 05162111CB / 05158048AH / 05158052AG

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 2021-2023 MY Jeep Wrangler, 2021-2023 MY Jeep Gladiator, and 2022-2023 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 March 2023, 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 March 30, 2023, FCA US is aware of seven customer assistance records, 126 warranty claims, eight field reports, and three other service records potentially related to this issue for all markets with dates of receipt ranging from April 14, 2022 to March 9, 2023.
- As of March 30, 2023, FCA US is not aware of any accidents or injuries potentially related to this issue for all markets.
- On April 6, 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 parts to repurchase suspect HPFPs and 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 : **08/15/2023: FCA US will notify dealers and begin notifying owners with the Final Owner letter on or about 11/21/2023.

**04/13/2023: FCA US will notify dealers and begin notifying owners on or about 06/02/2023.

Planned Dealer Notification Date : JUN 02, 2023 - JUN 02, 2023

Planned Owner Notification Date : JUN 02, 2023 - JUN 02, 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