

# Part 573 Safety Recall Report

## 22E-048

**Manufacturer Name :** Chrysler (FCA US, LLC)

**Submission Date :** FEB 23, 2023

**NHTSA Recall No. :** 22E-048

**Manufacturer Recall No. :** Z58



### 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 :** 27,316

**Estimated percentage with defect :** 1 %

### Equipment Information :

**Brand / Trade 1 :** Mopar

**Model :** High Pressure Fuel Pump

**Part No. :** 68211268AA

**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 March 1, 2012, through January 31, 2016, 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 4.

**Production Dates :** MAR 01, 2012 - JAN 31, 2016

Brand / Trade 2 : Mopar  
Model : High Pressure Fuel Pump  
Part No. : 68211269AA  
Size : NR  
Function : NR

**Descriptive Information :** Some HPFPs may wear prematurely and could fail internally.

The suspect part population includes HPFPs built March 1, 2012, through July 31, 2021, 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 11,845.

**Production Dates :** MAR 01, 2012 - JUL 31, 2021

Brand / Trade 3 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05158019AK  
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 7, 2016, through January 23, 2018, 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 1,994.

**Production Dates :** NOV 07, 2016 - JAN 23, 2018

Brand / Trade 4 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05158036AF  
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 15, 2016, through June 24, 2018, 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 329.

**Production Dates :** JUL 15, 2016 - JUN 24, 2018

Brand / Trade 5 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05158048AC  
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 January 24, 2018, through April 18, 2018, 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 391.

**Production Dates :** JAN 24, 2018 - APR 18, 2018

Brand / Trade 6 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05158048AD  
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 April 19, 2018, through August 11, 2018, 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 3,370.

**Production Dates :** APR 19, 2018 - AUG 11, 2018

Brand / Trade 7 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05158048AE  
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 September 12, 2018, through October 17, 2018, 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 3,354.

**Production Dates :** SEP 12, 2018 - OCT 17, 2018

Brand / Trade 8 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05158048AF  
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 October 10, 2018, through October 17, 2018, 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 4,900.

**Production Dates :** OCT 10, 2018 - OCT 17, 2018

Brand / Trade 9 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05158052AD  
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 June 25, 2018, through March 30, 2019, 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 342.

**Production Dates :** JUN 25, 2018 - MAR 30, 2019

Brand / Trade 10 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05158052AF  
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 March 5, 2019, through December 31, 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 600.

**Production Dates :** MAR 05, 2019 - DEC 31, 2020

Brand / Trade 11 : 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 January 1, 2021, through July 31, 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 169.

**Production Dates :** JAN 01, 2021 - JUL 31, 2021

Brand / Trade 12 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05162072AD  
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 December 12, 2013, through February 28, 2014, 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 5.

Production Dates : DEC 12, 2013 - FEB 28, 2014

Brand / Trade 13 : Mopar  
Model : 3.0L Diesel Engine  
Part No. : 05162072AE  
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 March 3, 2014, through May 29, 2014, 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 13.

Production Dates : MAR 03, 2014 - MAY 29, 2014

## 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 if installed into a vehicle.

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 : 68211268AA / 68211269AA

Component Name : Engine Assembly

Component Description : 3.0L Diesel Engine

Component Part Number : 05158019AK / 05158036AF / 05158048AC / 05158048AD / 05158048AE / 05158048AF

Component Name : Engine Assembly

Component Description : 3.0L Diesel Engine

Component Part Number : 05158052AD / 05158052AF / 05158052AG / 05162072AD / 05162072AE

## 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 2014-2020 MY Jeep Grand Cherokee, and 2014-2019 MY Ram 1500 Classic 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 May 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 May 18, 2022, FCA US is aware of 215 customer assistance records, 1,061 warranty claims, and three field reports potentially related to this issue for all markets with dates of receipt ranging from March 14, 2014 to January 14, 2022.
- As of May 18, 2022, FCA US is aware of zero accidents and zero injuries potentially related to this issue for all markets.
- On June 2, 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 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 : \*\*02/23/2023: FCA US will notify dealers and begin notifying owners on or about 01/11/2024.

**\*\*06/09/2022: FCA US will notify dealers and begin notifying owners on or about 07/29/2022.**

Planned Dealer Notification Date : JUL 29, 2022 - JUL 29, 2022

Planned Owner Notification Date : JUL 29, 2022 - JUL 29, 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