

Part 573 Safety Recall Report

21E-094

Manufacturer Name : Chrysler (FCA US, LLC)

Submission Date : DEC 16, 2021

NHTSA Recall No. : 21E-094

Manufacturer Recall No. : Y87



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 : 4,132

Estimated percentage with defect : 4 %

Equipment Information :

Brand / Trade 1 : Mopar

Model : High Pressure Fuel Pump Service Kit

Part No. : R8545068AA

Size : NR

Function : NR

Descriptive Information : Some high pressure fuel pump service kits may contain improperly designed HPFPs that could fail prematurely.

The suspect part population includes HPFPs built September 17, 2017, through November 10, 2020, and was determined using supplier shipment information and sales records of the suspect parts.

Similar high pressure fuel pump service kits not included in the recall population were manufactured before or after the suspect period.

The total affected parts for this part number is 4183.

Production Dates : SEP 17, 2017 - NOV 10, 2020

Brand / Trade 2 : Mopar
Model : High Pressure Fuel Pump
Part No. : 68444767AA
Size : NR
Function : NR

Descriptive Information : Some high pressure fuel pumps ("HPFPs") were improperly designed and could fail prematurely.

The suspect part population includes HPFPs built September 17, 2017, through July 26, 2019, 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 27.

Production Dates : SEP 17, 2017 - JUL 26, 2019

Brand / Trade 3 : Mopar
Model : High Pressure Fuel Pump
Part No. : 68503520AA
Size : NR
Function : NR

Descriptive Information : Some HPFPs were improperly designed and could fail prematurely.

The suspect part population includes HPFPs built September 19, 2019, through March 19, 2020, 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 276.

Production Dates : SEP 19, 2019 - MAR 19, 2020

Brand / Trade 4 : Mopar
Model : High Pressure Fuel Pump
Part No. : 68503523AA
Size : NR
Function : NR

Descriptive Information : Some HPFPs were improperly designed and could fail prematurely.

The suspect part population includes HPFPs built September 19, 2019, through March 19, 2020, 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 293.

Production Dates : SEP 19, 2019 - MAR 19, 2020

Brand / Trade 5 : Mopar
Model : High Pressure Fuel Pump
Part No. : 68526413AA
Size : NR
Function : NR

Descriptive Information : Some HPFPs were improperly designed and could fail prematurely.

The suspect part population includes HPFPs built March 6, 2020, through November 10, 2020, 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 2159.

Production Dates : MAR 06, 2020 - NOV 10, 2020

Brand / Trade 6 : Mopar
Model : High Pressure Fuel Pump
Part No. : 68526414AA
Size : NR
Function : NR

Descriptive Information : Some HPFPs were improperly designed and could fail prematurely.

The suspect part population includes HPFPs built March 6, 2020, through November 10, 2020, 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 1173.

Production Dates : MAR 06, 2020 - NOV 10, 2020

Brand / Trade 7 : Mopar
Model : 6.7L Cummins Turbo Diesel Engine
Part No. : R3041229AA
Size : NR
Function : NR

Descriptive Information : Some Cummins 6.7L Turbo Diesel engines may have been built with improperly designed HPFPs that could fail prematurely.

The suspect part population includes 6.7L Cummins turbo engines built December 20, 2019, through November 09, 2021, and was determined using supplier shipment information and sales records of the suspect parts.

Similar Cummins 6.7L Turbo 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 81.

Production Dates : DEC 20, 2019 - NOV 09, 2021

Brand / Trade 8 : Mopar
Model : 6.7L Cummins Turbo Diesel Engine
Part No. : R3041230AA
Size : NR
Function : NR

Descriptive Information : Some Cummins 6.7L Turbo Diesel engines may have been built with improperly designed HPFPs that could fail prematurely.

The suspect part population includes 6.7L Cummins turbo engines built December 19, 2019, through November 09, 2021, and was determined using supplier shipment information and sales records of the suspect parts.

Similar Cummins 6.7L Turbo 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 39.

Production Dates : DEC 19, 2019 - NOV 09, 2021

Brand / Trade 9 : Mopar
Model : 6.7L Cummins Turbo Diesel Engine
Part No. : R3041231AA
Size : NR
Function : NR

Descriptive Information : Some Cummins 6.7L Turbo Diesel engines may have been built with improperly designed HPFPs that could fail prematurely.

The suspect part population includes 6.7L Cummins turbo engines built December 18, 2019, through September 15, 2021, and was determined using supplier shipment information and sales records of the suspect parts.

Similar Cummins 6.7L Turbo 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 17.

Production Dates : DEC 18, 2019 - SEP 15, 2021

Brand / Trade 10 : Mopar
Model : 6.7L Cummins Turbo Diesel Engine
Part No. : R3041233AA
Size : NR
Function : NR

Descriptive Information : Some Cummins 6.7L Turbo Diesel engines may have been built with improperly designed HPFPs that could fail prematurely.

The suspect part population includes 6.7L Cummins turbo engines built December 11, 2019, through September 15, 2021, and was determined using supplier shipment information and sales records of the suspect parts.

Similar Cummins 6.7L Turbo 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 56.

Production Dates : DEC 11, 2019 - SEP 15, 2021

Brand / Trade 11 : Mopar
Model : 6.7L Cummins Turbo Diesel Engine
Part No. : R3041233AB
Size : NR
Function : NR

Descriptive Information : Some Cummins 6.7L Turbo Diesel engines may have been built with improperly designed HPFPs that could fail prematurely.

The suspect part population includes 6.7L Cummins turbo engines built September 15, 2021, through November 09, 2021, and was determined using supplier shipment information and sales records of the suspect parts.

Similar Cummins 6.7L Turbo 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 29.

Production Dates : SEP 15, 2021 - NOV 09, 2021

Brand / Trade 12 : Mopar

Model : High Pressure Fuel Pump Service Kit

Part No. : 68563967AA

Size : NR

Function : NR

Descriptive Information : Some high pressure fuel pump service kits may contain improperly designed HPFPs that could fail prematurely.

The suspect part population includes HPFPs built September 17, 2017, through November 10, 2020, and was determined using supplier shipment information and sales records of the suspect parts.

Similar high pressure fuel pump service kits not included in the recall population were manufactured before or after the suspect period.

The total affected parts for this part number is 279.

Production Dates : SEP 17, 2017 - NOV 10, 2020

Brand / Trade 13 : Mopar

Model : High Pressure Fuel Pump Service Kit

Part No. : R8545067AA

Size : NR

Function : NR

Descriptive Information : Some high pressure fuel pump service kits may contain improperly designed HPFPs that could fail prematurely.

The suspect part population includes HPFPs built September 17, 2017, through November 10, 2020, and was determined using supplier shipment information and sales records of the suspect parts.

Similar high pressure fuel pump service kits not included in the recall population were manufactured before or after the suspect period.

The total affected parts for this part number is 1045.

Production Dates : SEP 17, 2017 - NOV 10, 2020

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 fuel leak, abnormal engine noise, or a change in drive quality if installed into a vehicle.

Involved Components :

Component Name : Injection Pump

Component Description : High Pressure Fuel Pump

Component Part Number : 68444767AA / 68503520AA / 68503523AA / 68526413AA / 68526414AA

Component Name : Engine Assembly

Component Description : 6.7L Cummins Turbo Diesel Engine

Component Part Number : R3041229AA / R3041230AA / R3041231AB / R3041233AA / R3041233AB

Component Name : High Pressure Fuel Pump Service Kit

Component Description : High Pressure Fuel Pump Service Kit

Component Part Number : 68563967AA / R8545068AA / R8545067AA

Supplier Identification :**Component Manufacturer**

Name : Cummins

Address : 500 Jackson Street

Colombus Indiana 47201

Country : United States

Chronology :

- On October 13, 2021, the FCA US LLC ("FCA US") Technical Safety and Regulatory Compliance ("TSRC") organization opened an investigation as a result of warranty claims associated with the HPFP alleging a loss of motive power on 2019-2020 MY Ram 2500, 3500, and 4500/5500 vehicles.
- During October 2021, FCA US TSRC reviewed vehicle records and met with FCA US engineering and the supplier to review the issue, and understand the part design and change history.
- As of October 27, 2021, FCA US is aware of 495 customer assistance records, 6,399 warranty claims and zero field reports potentially related to this issue for all markets with dates of receipt ranging from August 28, 2018 to September 20, 2021.
- As of October 27, 2021, FCA US is not aware of any accidents or injuries potentially related to this issue for all markets.
- On November 04, 2021, 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 engines.

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 component is a new HPFP design.

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

Recall Schedule :

Description of Recall Schedule : **12/16/2021: All owners will receive an interim letter on or about 01/04/2022. This will be a phased campaign launch: Phase 1 - all 2020 Ram 2500, 3500, 4500, 5500 equipped with a Cummins 6.7L diesel engine owners will receive a final letter on or about 04/05/2022. Phase 2

- all 2019 Ram 2500, 3500, 4500, 5500 equipped with a Cummins 6.7L diesel engine owners will receive a final letter on or about 06/17/2022.

**11/12/2021: FCA US will notify dealers and begin notifying owners on or about 01/01/2022.

Planned Dealer Notification Date : JAN 01, 2022 - JAN 01, 2022

Planned Owner Notification Date : JAN 01, 2022 - JAN 01, 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