

# Part 573 Safety Recall Report

# 19V-635

**Manufacturer Name :** Chrysler (FCA US LLC)**Submission Date :** AUG 29, 2019**NHTSA Recall No. :** 19V-635**Manufacturer Recall No. :** V98**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 : 5,495

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2019-2019 Ram 2500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

**Descriptive Information :** Some 2019 MY Ram 2500 vehicles may have been built with contaminated front brake caliper piston seals.

The suspect period began on July 9, 2019, when the parts with contaminated piston seals were introduced into production, through August 1, 2019, when the suspect parts were no longer used in production. Supplier and plant production records were used to identify the start and end dates of vehicles built with contaminated piston seals.

Similar vehicles not included in the recall were manufactured before or after the suspect period with caliper piston seals that were not contaminated.

The total affected vehicles for this model is 3,805.

Production Dates : JUL 09, 2019 - AUG 01, 2019

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2019-2019 Ram 3500 Cab Chassis

Vehicle Type :

Body Style : OTHER

Power Train : NR

**Descriptive Information :** Some 2019 MY Ram 3500 Cab Chassis vehicles may have been built with contaminated front brake caliper piston seals.

The suspect period began on July 23, 2019, when the parts with contaminated piston seals were introduced into production, to August 1, 2019, when the suspect parts were no longer used in production. Supplier and plant production records were used

to identify the start and end dates of vehicles built with contaminated piston seals.

Similar vehicles not included in the recall were manufactured before or after the suspect period with caliper piston seals that were not contaminated.

The total affected vehicles for this model is 194.

Production Dates : JUL 23, 2019 - AUG 01, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2019-2019 Ram 3500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2019 MY Ram 3500 vehicles may have been built with contaminated front brake caliper piston seals.

The suspect period began on July 17, 2019, when the parts with contaminated piston seals were introduced into production, to August 1, 2019, when the suspect parts were no longer used in production. Supplier and plant production records were used to identify the start and end dates of vehicles built with contaminated piston seals.

Similar vehicles not included in the recall were manufactured before or after the suspect period with caliper piston seals that were not contaminated.

The total affected vehicles for this model is 1,495.

Production Dates : JUL 17, 2019 - AUG 01, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2019-2019 Ram 3500 Cab Chassis with a gross vehicle weight rating ("GVWR") less than 10,000 lbs.

Vehicle Type :

Body Style : OTHER

Power Train : NR

Descriptive Information : Some 2019 MY Ram 3500 Cab Chassis vehicles, with a gross vehicle weight rating ("GVWR") less than 10,000 lbs., may have been built with contaminated front brake caliper piston seals.

The suspect period began on July 29, 2019, when the parts with contaminated piston seals were introduced into production, to July 29, 2019, when the suspect parts were no longer used in production. Supplier and plant production records were used to identify the start and end dates of vehicles built with contaminated piston seals.

Similar vehicles not included in the recall were manufactured before or after the suspect period with caliper piston seals that were not contaminated.

The total affected vehicles for this model is 1.

Production Dates : JUL 29, 2019 - JUL 29, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : Contamination of a front brake caliper piston seal with incorrect assembly lube may cause the caliper piston seal to swell, and may result in brake drag (failure or incomplete caliper disengagement) when the brake pedal is released. Brake drag can cause overheating of the brake pads, brake rotor, and brake fluid which may result in a reduction in front brake system performance.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A reduction in front brake system performance can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : Drivers may notice heavy brake drag or detect an odor of hot brakes.

## Supplier Identification :

### Component Manufacturer

Name : ZF North America, Inc.

Address : 15811 Centennial Drive  
Northville MICHIGAN 48168

Country : United States

## Chronology :

- On July 31, 2019, the supplier notified affected FCA US LLC ("FCA US") vehicle assembly plants of a potential issue related to front brake caliper contamination.
- On August 7, 2019, the FCA US Vehicle Safety and Regulatory Compliance ("VSRC") organization opened an investigation as a result of an engineering evaluation of a brake caliper built with suspect seals which appeared to be contaminated with incorrect assembly lube.
- Between July 31, 2019 and August 16, 2019, FCA US VSRC, FCA US Engineering, FCA Mexico SA de CV Supplier Quality conducted meetings to review the issue, the potential safety consequence, and understand suspect scope of vehicles affected.

- As of August 19, 2019, FCA US has identified zero CAIRs, zero VOQs, and zero field reports related to this issue.
- As of August 19, 2019, FCA US has identified no warranty related to this issue.
- As of August 19, 2019, FCA US is not aware of any accidents or injuries potentially related to this issue.
- On August 22, 2019, 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 replace the front brake calipers, front rubber brake lines, and bleed the brakes.

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 : Part Name: Caliper Assy - Frt Wheel Disc Brake RT / Caliper Assy - Frt Wheel Disc Brake LT

Part Description: Front Right Brake Caliper / Front Left Brake Caliper

Part Number: 68317680AE / 68317681AE

Part Comment: N/A

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

### Recall Schedule :

Description of Recall Schedule : \*\*08/29/2019: FCA US will notify dealers and begin notifying owners on or about 10/18/2019.

Planned Dealer Notification Date : OCT 18, 2019 - OCT 18, 2019

Planned Owner Notification Date : OCT 18, 2019 - OCT 18, 2019

\* NR - Not Reported