

Part 573 Safety Recall Report

18V-523

Manufacturer Name : Chrysler (FCA US LLC)**Submission Date :** AUG 09, 2018**NHTSA Recall No. :** 18V-523**Manufacturer Recall No. :** U86**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 : 154,335

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2019 Jeep Cherokee

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2019 MY Jeep Cherokee vehicles may have been built with rear brake calipers with out-of-specification chrome coating on the pistons, causing gas pockets to form in the brake system, potentially reducing rear brake performance.

The suspect period began at Belvidere Assembly Plant on April 4, 2018, when the parts with out-of-specification coating were introduced into production, to June 21, 2018, when the suspect parts were no longer used in production. Supplier production records were used to identify the start and end dates of parts with out-of-specification coating.

Similar vehicles not included in the recall were manufactured before or after the period when the parts with out-of-specification coating were used in production, and have rear brake caliper pistons with complete and correctly applied coating.

Production Dates : APR 04, 2018 - JUN 21, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2019 Jeep Compass

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2018-2019 MY Jeep Compass vehicles may have been built with rear brake calipers with out-of-specification chrome coating on the pistons, causing gas pockets to form in the brake system, potentially reducing rear brake performance.

The suspect period began at Toluca Assembly Plant ("TAP") on March 17, 2018, when the parts with out-of-specification coating were introduced into production, to June

13, 2018, when the suspect parts were no longer used in production. Supplier production records were used to identify the start and end dates of parts with out-of-specification coating.

Similar vehicles not included in the recall were manufactured before or after the period when the parts with out-of-specification coating were used in production, and have rear brake caliper pistons with complete and correctly applied coating.

Production Dates : MAR 17, 2018 - JUN 13, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2018-2018 Dodge Journey

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2018 MY Dodge Journey vehicles may have been built with rear brake calipers with out-of-specification chrome coating on the pistons, causing gas pockets to form in the brake system, potentially reducing rear brake performance.

The suspect period began at TAP on April 12, 2018, when the parts with out-of-specification coating were introduced into production, to June 14, 2018, when the suspect parts were no longer used in production. Supplier production records were used to identify the start and end dates of parts with out-of-specification coating.

Similar vehicles not included in the recall were manufactured before or after the period when the parts with out-of-specification coating were used in production, and have rear brake caliper pistons with complete and correctly applied coating.

Production Dates : APR 12, 2018 - JUN 14, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2018-2019 Dodge Grand Caravan

Vehicle Type :

Body Style : VAN

Power Train : NR

Descriptive Information : Some 2018-2019 MY Dodge Grand Caravan vehicles may have been built with rear brake calipers with out-of-specification chrome coating on the pistons, causing gas pockets to form in the brake system, potentially reducing rear brake performance.

The suspect period began at Windsor Assembly Plant on April 11, 2018, when the parts with out-of-specification coating were introduced into production, to June 14, 2018, when the suspect parts were no longer used in production. Supplier production records were used to identify the start and end dates of parts with out-of-specification coating.

Similar vehicles not included in the recall were manufactured before or after the period when the parts with out-of-specification coating were used in production, and have rear brake caliper pistons with complete and correctly applied coating.

Production Dates : APR 11, 2018 - JUN 14, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Some rear brake calipers may have out-of-specification chrome coating on the pistons, which may cause gas pockets to form in the brake system.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Gas pockets in the brake system may result in a reduction in rear brake performance, which can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : In some instances, the brake pedal may exhibit increased travel and/or feel soft after vehicle start.

Supplier Identification :

Component Manufacturer

Name : TRW Delplas S.A. de C.V

Address : La Griega 101

Santa Rosa Jauregui, Que FOREIGN STATES 76229

Country : Mexico

Chronology :

- On July 19, 2018, the FCA US LLC ("FCA US") Vehicle Safety and Regulatory Compliance ("VSRC") organization opened an investigation as a result of an engineering evaluation of a vehicle built with suspect parts which exhibited increased brake pedal travel.
- Between July 19, 2018, and July 30, 2018, meetings were conducted between FCA US VSRC, FCA US Engineering, and FCA Mexico SA de CV Supplier Quality and the suppliers to review the issue, confirm the potential safety consequence and root cause, understand suspect part delivery dates to identify the suspect period and scope of vehicles affected, and understand the supplier corrective actions implemented and planned.
- As of July 30, 2018, FCA US identified approximately zero CAIRs, zero VOQs, and five field reports potentially related to this issue.
- As of July 30, 2018, FCA US identified 163 warranty claims, or 1.06 c/1000, potentially related to this issue.
- As of July 30, 2018, FCA US is unaware of any accidents or injuries potentially related to this issue.
- On August 2, 2018, 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 bleed the rear 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 - RR WHEEL DISC BRAKE RT / CALIPER ASSY - RR WHEEL DISC BRAKE LT

Part Description: Right Rear Brake Caliper Assembly / Left Rear Brake Caliper Assembly

Part Number: 68267352AB, 04779804AH, 04779710AJ, 04779878AD, 68155884AD, 04779876AE / 68267353AB, 04779805AH, 04779711AJ, 04779879AD, 68155885AD, 04779877AE

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

Recall Schedule :

Description of Recall Schedule : ** 08/09/2018: FCA US will notify dealers and begin notifying owners on or about 09/28/2018.

Planned Dealer Notification Date : SEP 28, 2018 - SEP 28, 2018

Planned Owner Notification Date : SEP 28, 2018 - SEP 28, 2018

* NR - Not Reported