

Part 573 Safety Recall Report

23V-382

Manufacturer Name : Chrysler (FCA US, LLC)**Submission Date :** MAY 30, 2023**NHTSA Recall No. :** 23V-382**Manufacturer Recall No. :** 68A**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 :** 719**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2017-2020 Alfa Romeo Giulia**Vehicle Type :****Body Style :** 4-DOOR**Power Train :** NR

Descriptive Information : Some 2017-2020 MY Alfa Romeo Giulia vehicles equipped with carbon ceramic matrix brakes may have an independent electronic parking brake with a roll away prevention feature that can put excessive pressure on the brake rotor in certain circumstances.

The suspect period began on September 6, 2016, when the first vehicle built for the U.S. market was produced, and ended on September 30, 2020, when the last 2020 MY vehicle was built for the U.S. market. Vehicle production records were used to determine the suspect period.

Similar vehicles not included in this recall are not equipped with carbon ceramic matrix brakes.

The total affected vehicles for this model is 603.

Production Dates : SEP 06, 2016 - SEP 30, 2020**VIN Range 1 : Begin :**

NR

End : NR Not sequential

Vehicle 2 : 2018-2020 Alfa Romeo Stelvio

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2018-2020 MY Alfa Romeo Stelvio vehicles equipped with carbon ceramic matrix brakes may have an independent electronic parking brake with a roll away prevention feature that can put excessive pressure on the carbon ceramic matrix brake rotor in certain circumstances.

The suspect period began on January 4, 2018, when the first vehicle built for the U.S. market was produced, and ended on February 6, 2020, when the last 2020 MY vehicle was built for the U.S. market. Vehicle production records were used to determine the suspect period.

Similar vehicles not included in this recall are not equipped with carbon ceramic matrix brakes.

The total affected vehicles for this model is 116.

Production Dates : JAN 04, 2018 - FEB 06, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : During certain driving maneuvers, the brake system may react with an excessive clamp force that fractures the rotor which decreases brake performance.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An unexpected decrease in brake performance can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Anti-Lock Brake Control Unit

Component Description : ABS Hydraulic Unit and Brake System Module

Component Part Number : 68472900AA, 68505302AA, 68364299AA, 68369533AA, 68300513AA

Component Name 2 : Anti-Lock Brake Control Unit

Component Description : ABS Hydraulic Unit and Brake System Module

Component Part Number : 68417986AA, 68472068AA, 68503885AA, 68369494AA, 68471665AA

Component Name 3 : Anti-Lock Brake Control Unit

Component Description : ABS Hydraulic Unit and Brake System Module

Component Part Number : 68300786AA, 68429576AA, 68364297AA, 68472901AA, 68505303AA

Component Name 4 : Anti-Lock Brake Control Unit

Component Description : ABS Hydraulic Unit and Brake System Module

Component Part Number : 68385598AA, 68417987AA, 68472066AA, 68385601AA, 68399596AA

Supplier Identification :

Component Manufacturer

Name : Continental Automotive Italy S.p.A.

Address : C.so Unione Sovietica 612/20
Torino Foreign States 10135

Country : Italy

Chronology :

- On October 19, 2022, the Stellantis Italy Customer Experience ("CX") organization opened an investigation into the 2017-2020 MY Alfa Romeo Giulia and 2018-2020 MY Alfa Romeo Stelvio for fractured brake rotors.
- From October 2022, through May 2023, Stellantis Italy CX conducted an analysis of warranty claims and returned parts and determined the affected vehicles have a roll away prevention feature that can put excessive pressure on the carbon ceramic matrix brake rotor in certain circumstances.
- As of May 16, 2023, Stellantis Italy is aware of zero customer assistance records, 19 warranty claims, and zero field reports potentially related to this issue for all markets with dates of receipt ranging from August 3, 2018, to September 22, 2022.
- As of May 16, 2023, Stellantis Italy is not aware of any accidents or injuries potentially related to this issue for all markets.

- On May 23, 2023, Stellantis Italy 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 update the brake system module ("BSM") software.

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 : This recall is not the result of a part defect but rather incomplete system design parameters. The remedy includes a software update that will request reduced engine torque during certain driving maneuvers.

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

Recall Schedule :

Description of Recall Schedule : **05/30/2023: FCA US will notify dealers and begin notifying owners on or about 07/19/2023.

Planned Dealer Notification Date : JUL 19, 2023 - JUL 19, 2023

Planned Owner Notification Date : JUL 19, 2023 - JUL 19, 2023

* NR - Not Reported