

# Part 573 Safety Recall Report

# 18V-828

**Manufacturer Name :** Chrysler (FCA US LLC)**Submission Date :** NOV 26, 2018**NHTSA Recall No. :** 18V-828**Manufacturer Recall No. :** UB9**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 : 6,136

Estimated percentage with defect : 67 %

**Vehicle Information :**

Vehicle 1 : 2017-2018 Alfa Romeo Giulia

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

**Descriptive Information :** Certain 2017-2018 MY Alfa Romeo Giulia vehicles equipped with GME 280HP engines and All Wheel Drive ("AWD") may have an out of specification condition between the brake fluid line and a cooling hose clamp.

The recall population was determined to be vehicles built from September 7, 2016, the start of 2017 MY production, through September 18, 2017, when a new layout for the engine compartment fluid lines began production.

Similar 2018-2019 MY Alfa Romeo Giulia vehicles equipped with GME 280HP engines and AWD built after September 18, 2017 and with the new layout for the engine compartment fluid lines with additional design clearance and 2018-2019 MY Alfa Romeo Giulia vehicles equipped with different drivetrains are not affected.

Production Dates : SEP 07, 2016 - SEP 18, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** The recalled vehicles may experience contact between a coolant hose clamp and a brake fluid line in the engine compartment. Over time, this contact may lead to a brake fluid leak onto the engine catalyst.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** If the brake fluid line is damaged and brake fluid leaks onto the engine

**Description of the Safety Risk :** catalyst, the customer may smell a burning odor or see smoke, and there is a potential for an engine compartment fire which may result in an increased risk of injury to motor vehicle occupants or persons outside the vehicle.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** In certain circumstances, the customer may smell a burning odor or see smoke prior to an engine compartment fire. A loss of brake fluid may also result in the illumination of the brake fluid telltale lamp.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR  
NR

Country : NR

## Chronology :

- On June 8, 2018, Alfa Romeo received a field report from the Belgian market of a thermal event in a Giulia Super 2.0L GME 280HP AWD.
- On June 11, 2018, Alfa Romeo opened an official investigation. The dealer field report identified possible contact between the coolant hose clamp and the brake fluid line. Additionally, evidence of a small thermal event was reported, localized within the engine compartment.
- From June 12, 2018 through July 31, 2018, the Alfa Romeo Product Development team performed an audit of all Alfa Romeo Giulia and Stelvio engineering vehicles in EMEA, for evidence of contact between the coolant hose clamp and the brake fluid line within the engine compartment.
- From August 1, 2018 through November 07, 2018, FCA US field service engineers surveyed 21 vehicles to measure the clearance between the coolant hose and brake fluid line.
- On November 7, 2018, Alfa Romeo engineering quality concluded that the clearance issue was evident on the 2.0L GME 280HP AWD and determined the scope as vehicles built from September 7, 2016 through September 18, 2017, when a new engine layout for the cooling and brake fluid lines was introduced into production.
- As of November 16, 2018, Alfa Romeo has identified approximately 0 CAIRs, 0 VOQs and 4 field reports related to this issue.
- As of November 16, 2018, total warranty is 4 claims, at 0.43 C/1000.
- As of November 16, 2018, Alfa Romeo is aware of no accidents and no injuries potentially related to this issue.
- On November 16, 2018, Alfa Romeo 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 to install a locating bracket on the brake fluid line to control the clearance of the brake fluid line to the coolant hose to prevent contact. If the brake line is damaged, a new brake line will be installed.

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: Not applicable  
Part Description: Not applicable  
Part Number: Not applicable  
Comment: This recall is not related to a part defect but rather involves a system design flaw.

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

## Recall Schedule :

Description of Recall Schedule : \*\*11/26/2018: FCA US will notify dealers and begin notifying owners on or about January 15, 2019.

Planned Dealer Notification Date : JAN 15, 2019 - JAN 15, 2019

Planned Owner Notification Date : JAN 15, 2019 - JAN 15, 2019

\* NR - Not Reported