

# Part 573 Safety Recall Report

# 18V-636

**Manufacturer Name :** Chrysler (FCA US LLC)**Submission Date :** SEP 14, 2018**NHTSA Recall No. :** 18V-636**Manufacturer Recall No. :** UA4**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 : 37,228

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2017-2018 Alfa Romeo Giulia

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

**Descriptive Information :** Approximately 21,352 2017-2018 MY Alfa Romeo Giulia vehicles equipped with 2.0L engines (sales code EC2) may have engine control software with inadequate catalyst overheat protection.

The recall population was determined to be US specification vehicles built from September 2, 2016, start of 2017 MY production, through September 4, 2018, when revised engine control software was implemented.

Similar 2017-2018 MY Alfa Romeo Giulia vehicles not affected by this recall were not equipped with 2.0L engines (sales code EC2) or were built after September 4, 2018, with updated software that provides additional control to the fuel strategy that prevents this catalytic converter overheating condition.

Production Dates : SEP 02, 2016 - SEP 04, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 Alfa Romeo Stelvio

Vehicle Type :

Body Style : SUV

Power Train : NR

**Descriptive Information :** Approximately 15,876 2018 MY Alfa Romeo Stelvio vehicles equipped with 2.0L engines (sales code EC2) may have engine control software with inadequate catalyst overheat protection.

The recall population was determined to be US specification vehicles built from April 12, 2017, start of 2018 MY production, through August 30, 2018, when revised engine control software was implemented.

Similar 2018 MY Alfa Romeo Stelvio vehicles not affected by this recall were not equipped with 2.0L engines (sales code EC2) or were built after August 30, 2018, with updated software that provides additional control to the fuel strategy that prevents this catalytic converter overheating condition.

Production Dates : APR 12, 2017 - AUG 30, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : The recalled vehicles are equipped with 2.0L engines, sales code EC2, which may experience engine misfire conditions that can lead to elevated catalytic converter temperatures. This may result in localized damage to wiring and components in the engine compartment near the catalyst and may lead to a fire.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If certain engine compartment wiring or components are damaged, the customer may experience an engine stall resulting in a sudden loss of motive power, which can cause a vehicle crash without prior warning. In rare incidents, an engine compartment fire may occur 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 some cases, an engine Malfunction Indicator Lamp ("MIL") may illuminate, the engine may operate roughly, there may be temporary loss of engine power, or a burning odor may be noticeable prior to an engine stall or engine compartment fire.

## Supplier Identification :

### Component Manufacturer

Name : Magneti Marelli S.p.A.

Address : Via del Timavo 33

Bologna FOREIGN STATES 40134

Country : Italy

## Chronology :

Please see attached chronology document, "FCA US LLC Chronology - UA4 Alfa Romeo Catalyst 09142018.pdf".

**Description of Remedy :**

Description of Remedy Program : FCA US will conduct a Voluntary Safety Recall, to inspect the vehicle for diagnostic codes related to potential catalyst function and update the engine control module software to control fuel delivery during certain engine misfire conditions to prevent catalytic converter overheat.

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: Engine Control Module Software  
Part Description: Engine Control Module Software  
Part Number: 50544870  
Comment: Used for models 952 and 949

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

**Recall Schedule :**

Description of Recall Schedule : \*\* 09/14/2018: FCA US will notify dealers and begin notifying owners on or about 11/03/2018.

Planned Dealer Notification Date : NOV 03, 2018 - NOV 03, 2018

Planned Owner Notification Date : NOV 03, 2018 - NOV 03, 2018

\* NR - Not Reported