

Part 573 Safety Recall Report

18V-147

Manufacturer Name : Chrysler (FCA US LLC)**Submission Date :** MAR 06, 2018**NHTSA Recall No. :** 18V-147**Manufacturer Recall No. :** U24**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 : 1,505

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2018 Alfa Romeo Stelvio

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Certain 2018 MY Alfa Romeo Stelvio vehicles were built with wiper motors which may contain wiper motor software that is not compliant to FMVSS 104 S4.1. Vehicles not affected by this recall were built with wiper motors whose software is compliant to FMVSS 104 S4.1. The vehicle population was determined to be April 12, 2017, when the suspect software version was introduced into vehicle production, through August 28, 2017, when updated software was introduced into vehicle production.

Production Dates : APR 12, 2017 - AUG 28, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : The wiper motor software may erroneously calculate that the wiper motor is overheating and limit the function of the motor to low speed only which does not meet FMVSS 104 S4.1.1, which specifies the frequency requirements for a windshield wiping system.

FMVSS 1 : 104 - Windshield wiping and washing systems

FMVSS 2 : NR

Description of the Safety Risk : Under certain conditions, the windshield wiping system may be limited to low speed operation only which may reduce the driver's visibility. This reduced driver visibility may, in certain cases, result in a crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : N/A

Supplier Identification :**Component Manufacturer**

Name : BOSCH
Address : VIA C.I. PETITTI 15
MILANO FOREIGN STATES 20149
Country : Italy

Chronology :

On August 2, 2017, Bosch informed Alfa Romeo that wiper motors produced from January 2017 to July 2017 contain software that may not be compliant to homologation testing.

From September 2017 to February 2018, Engineering and Quality departments, with Bosch support, continued the investigation in order to understand the tolerances and potential safety issue. The teams performed testing on an internal fleet (35 vehicles) in multiple countries to collect representative data for various conditions (rain, snow, ice and cold).

On February 26, 2018, Alfa Romeo confirmed visibility in all test conditions, however confirmed the software did not meet the strict interpretation of the requirements of the FMVSS 104 standard.

On February 27, 2018, Alfa Romeo determined, through its Vehicle Regulations Committee, to conduct a voluntary noncompliance safety recall of the affected vehicles.

Description of Remedy :

Description of Remedy Program : FCA US LLC ("FCA US") will conduct a voluntary noncompliance safety recall to replace the wiper motor.

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: Wiper & engine
Part Description: Wiper & engine
Part Number: 50547432 (68365403AA)
Comment: This recall is not related to a part defect but rather the software version in the module.

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

Recall Schedule :

Description of Recall Schedule : ** March 6, 2018: FCA US will notify dealers and begin notifying owners on or about 04/25/2018.

Planned Dealer Notification Date : APR 25, 2018 - APR 25, 2018

Planned Owner Notification Date : APR 25, 2018 - APR 25, 2018

* NR - Not Reported