

Part 573 Safety Recall Report

18V-524

Manufacturer Name : Chrysler (FCA US LLC)**Submission Date :** SEP 11, 2018**NHTSA Recall No. :** 18V-524**Manufacturer Recall No. :** U87**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 : 12,779

Estimated percentage with defect : 12 %

Vehicle Information :

Vehicle 1 : 2018-2018 Jeep Renegade

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Some 2017-2019MY vehicles among 16 FCA US LLC ("FCA US") vehicle families may have been built with a powertrain controller that may fail during use. For a complete listing of vehicles, see updated attached supplemental file titled "U87_573_Vehicle_Configuration_Table_r1.pdf" (previous version titled "U87_573_Vehicle_Configuration_Table.pdf").

The vehicle scope was determined through an understanding of the process failure mode at the supplier, and traceability methods through the supply chain to the vehicle population. Based on that analysis it was determined that 16 vehicle families over 3 model years (2017-2019) may have received a suspect powertrain controller.

Similar vehicles not included in the recall were not identified by the traceability study as having received a suspect powertrain controller.

Production Dates : NOV 28, 2017 - MAY 28, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The recalled vehicles may have a powertrain controller with a suspect voltage regulator chip on the circuit board. If the voltage regulator fails the powertrain controller will not function.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the powertrain controller fails the customer may experience a no-start

Description of the Safety Risk : condition, a start-and-immediate engine stall condition, or an engine stall while driving, resulting in a loss of motive power. An engine stall while driving resulting in a loss of motive power can cause vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Continental Automotive Sys, Inc.

Address : 3740 N Austin St
Seguin TEXAS 78155-7359

Country : United States

Chronology :

- On June 8, 2018, the FCA US Vehicle Safety and Regulatory Compliance (“VSRC”) organization received an email communication from the FCA US powertrain quality team regarding reports of powertrain controller failures in the Latin American region.
- On June 21, 2018, additional details were forwarded to the FCA US VSRC investigation team regarding the issue, reports in the field from the Latin American region and the potentially affected population.
- On June 22, 2018, two vehicles were identified in the North American region that experienced a stall while driving potentially related to a failure of the powertrain controller.
- On June 28, 2018, the FCA US VSRC organization opened an investigation on the issue.
- Between June 28, 2018, and July 30, 2018, additional meetings between VSRC, Powertrain Supplier Quality and Engineering were conducted in order to better understand the risk and safety consequence, and root cause, of the powertrain controller failures.
- As of August 2, 2018, FCA US identified no CAIRs, no VOQs and no field reports related to this issue.
- As of August 2, 2018, 151 vehicles have had powertrain controllers replaced. 29 of the 151 vehicles had the powertrain controller replaced as a result of a reported stall while driving.
- As of August 2, 2018, FCA US is aware of no accidents and no 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 to replace powertrain controllers on vehicles potentially affected by this condition.

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: Powertrain control module
Part Description: Powertrain control module

Part Number: 68259136AB, 68243303AB, 68259127AB, 68342095AA, 68259137AB, 05150926AB, 68330904AA, 68342094AA, 68243304AB, 68330910AA, 68243295AB, 68330924AA, 68259135AB, 68342093AA, 68330909AA, 68330922AB, 68292196AD, 05150861AH, 68397063AA

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 September 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