

Part 573 Safety Recall Report

18V-332

Manufacturer Name : Chrysler (FCA US LLC)**Submission Date :** MAY 23, 2018**NHTSA Recall No. :** 18V-332**Manufacturer Recall No. :** U49**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 : 4,846,885

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2018 Dodge Journey

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : For Complete Information: See attached supplemental file titled "FCA US 18V332 Affected Models – 2014-2019MY Vehicles CAN-C U0001 Fault Reaction.pdf".

Some 2014 to 2018 model year Dodge Journey vehicles built with cruise control may not allow the driver to cancel cruise control when the CAN-C bus is fully disabled.

The population was determined to be all Dodge Journey vehicles built with a modified fault handling strategy in the Powertrain Control Module ("PCM") software. Similar Dodge Journey vehicles built before 2014MY are not included in the recall, because the PCM software has a different fault handling strategy. Similar 2018 model year Dodge Journey vehicles built on and after May 17, 2018 are not included in the recall, because they have a different fault handling strategy in the PCM software.

Production Dates : FEB 07, 2013 - MAY 16, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The fault handling strategy of the Engine Control Module ("ECM") or PCM software in the affected vehicles does not remove positive torque requests from the engine controller if the CAN-C bus stops communicating while the cruise control is requesting positive torque.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the extremely rare instance of an electrical short in the vehicle causing the

Description of the Safety Risk : CAN-C bus to stop communicating while the cruise control is active and the vehicle speed is below the set speed such that the cruise control system is requesting positive torque at the exact moment of the electrical short, it is possible for a positive torque request to be locked on the ECM/PCM which may result in either the vehicle maintaining its current speed or possibly accelerating. If the driver does not shift to neutral or apply the brakes to stop the vehicle this condition can cause a vehicle crash without warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : No warning will precede the CAN-C bus short. However, multiple warning lights on the instrument cluster will illuminate. If the vehicle continues to maintain speed or accelerates after these notifications the driver should shift to neutral and/or use the brakes to slow the vehicle and bring it to a stop.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Please see attached chronology document "FCA US LLC Chronology - 2014-2019MY Vehicles CAN-C U0001 Fault Reaction.pdf".

Description of Remedy :

Description of Remedy Program : FCA US will conduct a Voluntary Safety Recall to inspect the software level of the ECM/PCM and, if necessary, perform a software flash on the ECM/PCM of affected vehicles to improve the fault handling so that if the CAN-C bus does stop communicating any active torque requests will be cleared.

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 Part Name: ECM/PCM Software
Part Number: ECM/PCM Software

from Recalled Component : Comment: ECM/PCM Software
Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : ** 05/17/2018: FCA US will notify dealers and begin notifying owners on or about 07/06/2018.
Planned Dealer Notification Date : JUL 06, 2018 - JUL 06, 2018
Planned Owner Notification Date : JUL 06, 2018 - JUL 06, 2018

* NR - Not Reported