

Part 573 Safety Recall Report

19V-407

Manufacturer Name : Chrysler (FCA US LLC)**Submission Date :** MAY 31, 2019**NHTSA Recall No. :** 19V-407**Manufacturer Recall No. :** V61, V71**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 : 295,981

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2020 Ram 1500

Vehicle Type :

Body Style : PICKUP TRUCK

Power Train : NR

Descriptive Information : Some 2019 MY and 2020 MY Ram 1500 trucks' Occupant Restraint Controller ("ORC") may contain software that has a potential vulnerability during power-down memory clean-up events which can corrupt flash memory. The vehicle population was determined through production records to be all 2019 MY Ram 1500 trucks built from October 31, 2017 to April 29, 2019, when ORCs with updated software were introduced into 2019 MY vehicle production, and all 2020 MY Ram 1500 trucks built from April 8, 2019 to May 21, 2019, when ORCs with updated software were introduced into 2020 MY vehicle production. Similar 2019 MY and 2020 MY Ram 1500 trucks not included in the recall were built with updated ORC software.

Production Dates : OCT 31, 2017 - MAY 21, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Once the vehicle is keyed-off, the ORC begins normal routines under its own power reserve. If the ORC powers down and interrupts a memory erase process, data corruption could occur. Memory cleanup does not occur every key-off, not all interruptions will cause corruption, reserve time will vary, and other factors make the occurrence highly variable. Corrupted ORC flash memory may result in internal faults codes, illuminated Airbag Warning Lamp, and disabled deployment of airbags and seatbelt pretensioners.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Disabled airbag and seatbelt pretensioner deployment may increase the risk of injury to vehicle occupants in the event of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : Airbag Warning Lamp will be illuminated.

Supplier Identification :

Component Manufacturer

Name : Bosch

Address : 38000 Hills Tech Drive
Farmington Hills MICHIGAN 48331

Country : United States

Chronology :

- On April 8, 2019, FCA US LLC ("FCA US") Engineering notified FCA US Vehicle Safety and Regulatory Compliance ("VSRC") of a potential power down corruption software issue in some ORCs on 2019-2020 MY Ram 1500 vehicles.
- From April 8, 2019 through May 3, 2019, FCA US Engineering and VSRC analyzed the issue, and confirmed that disabled airbag and seatbelt pretensioner deployment was a potential consequence.
- During the week of May 6, 2019, FCA US Engineering and VSRC conducted read-across activities and confirmed the scope of the issue.
- As of May 20, 2019, FCA US identified approximately 0 CAIRs, 0 VOQs and 0 field reports related to this issue.
- As of May 20, 2019, total warranty is 13 at .038c/1000.
- As of May 20, 2019, FCA US is unaware of any accidents or injuries potentially related to this issue.
- On May 23, 2019, 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 inspect the ORC for the specific internal fault codes. If the specific fault codes are present, FCA US will replace the ORC. If not, FCA US will reprogram the ORC with updated software.

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: Occupant Restraint Controller

Part Number: 68441329AA, 68259260AA, 68259260AB, 68259260AC, 68259260AD, 68259260AE, 68259260AF, 68415361AA, 68415361AB, 68415363AA, 68428609AA

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

Recall Schedule :

Description of Recall Schedule : ** 05/31/2019: FCA US will notify dealers and begin notifying owners on or about July 20, 2019.

Planned Dealer Notification Date : JUL 20, 2019 - JUL 20, 2019

Planned Owner Notification Date : JUL 20, 2019 - JUL 20, 2019

* NR - Not Reported