

# Part 573 Safety Recall Report

# 19V-287

**Manufacturer Name :** Chrysler (FCA US LLC)**Submission Date :** APR 10, 2019**NHTSA Recall No. :** 19V-287**Manufacturer Recall No. :** V42**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 : 25,004

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2019-2019 Jeep Renegade

Vehicle Type :

Body Style : SUV

Power Train : NR

**Descriptive Information :** Some 2019 Jeep Renegade vehicles may have an occupant restraint controller (“ORC”) with suspect software that may inadvertently disable certain passive safety features.

The recall population was determined to be vehicles built from March 12, 2018, the start of 2019 model year production for the United States market, through April 3, 2019, when the ORC software update was released in vehicle production via change notice that eliminated the susceptibility of the ORC software to diagnostic service tools.

Similar vehicles not included in this recall were built after April 3, 2019, and are equipped with an ORC containing updated software.

Total number of Jeep Renegade vehicles affected is 24,333.

Production Dates : MAR 12, 2018 - APR 03, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2019 Fiat 500X

Vehicle Type :

Body Style : SUV

Power Train : NR

**Descriptive Information :** Some 2019 Fiat 500X vehicles may have an occupant restraint controller (“ORC”) with suspect software that may inadvertently disable certain passive safety features.

The recall population was determined to be vehicles built from July 30, 2018, the start of 2019 model year production for the United States market, through April 3, 2019,

when the ORC software update was released in vehicle production via change notice that eliminated the susceptibility of the ORC software to diagnostic service tools.

Similar vehicles not included in this recall were built after April 3, 2019, and are equipped with an ORC containing updated software.

Total number of Fiat 500X vehicles affected is 671.

Production Dates : JUL 30, 2018 - APR 03, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : The ORC's "special features/function configuration" memory may be incorrectly updated when certain diagnostic service tools are used to send a specific read request to the ORC. This incorrect update may inadvertently disable certain passive safety features controlled by the ORC.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An incorrectly updated ORC may not properly command deployment of certain passive safety features when warranted, increasing the potential risk and severity of occupant injury in a crash.

Description of the Cause : NR

Identification of Any Warning  
that can Occur : NR

## Supplier Identification :

### Component Manufacturer

Name : Bosch

Address : 38000 Hills Tech Dr.  
Farmington Hills MICHIGAN 48331

Country : United States

## Chronology :

- On March 18, 2019, FCA Italy became aware of a potential ORC software issue and initiated an investigation.
- From March 18, 2019, through April 3, 2019, FCA Italy continued the investigation with the support of the

supplier and found certain passive safety features may be disabled or improperly deployed when warranted.

- As of April 3, 2019, FCA US LLC ("FCA US") has identified zero CAIRS, zero field reports and zero VOQs relating to this issue.
- As of April 3, 2019 FCA US has identified 0.0c/1000 warranty related to this issue.
- As of April 3, 2019 FCA US is not aware of any accidents or injuries potentially related to this issue.
- On April 3, 2019, FCA Italy 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 update the ORC 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: ORC Flash  
Part Description: ORC Flash  
Part Number: Flash  
Comment: Flash

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

## Recall Schedule :

Description of Recall Schedule : \*\* 04/10/2019: FCA US will notify dealers and begin notifying owners on or about 5/30/2019.

Planned Dealer Notification Date : MAY 30, 2019 - MAY 30, 2019

Planned Owner Notification Date : MAY 30, 2019 - MAY 30, 2019

\* NR - Not Reported