

Part 573 Safety Recall Report

18V-731

Manufacturer Name : Chrysler (FCA US LLC)**Submission Date :** APR 04, 2019**NHTSA Recall No. :** 18V-731**Manufacturer Recall No. :** UB2**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 : 21,104

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2017-2018 Jeep Renegade

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Certain 2017-2018 MY Jeep Renegade 4x2 flex fuel 85% ethanol ("E85") compatible vehicles (sales code XKN) equipped with 2.4L engines may have fuel pumps with an out of specification condition on the fuel pump inlet cover profile.

The recall population was determined to be US specification vehicles built from November 2, 2016 to March 31, 2017, when the supplier implemented an inspection process to prevent out of specification pump inlet covers from entering production. A second recall population was determined to be US specification vehicles built from September 1, 2017 to November 30, 2017 when the production supplier identified a breakdown in the inspection process relating to fuel pumps installed in vehicles built during that time period.

Similar 2017-2018 MY Jeep Renegade 4x2 flex fuel E85 vehicles (sales code XKN) not affected by this recall equipped with 2.4L engines built between March 31, 2017 and September 1, 2017 and after November 30, 2017; contain inspected fuel pumps, which do not contain out of specification fuel pump inlet covers.

Production Dates : NOV 02, 2016 - NOV 30, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : The recalled vehicles are equipped with flex fuel E85 compatible fuel systems (sales code XKN) with 2.4L engines, which may experience cavitation in the fuel pump causing a loss of fuel pressure under certain environmental operating conditions while using standard 10% ethanol ("E10") fuel. These conditions include high power demand in conjunction with high altitude areas and/or high ambient temperatures.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel pump contains an out of specification inlet cover profile, the fuel pump under high power demand conditions using standard E10 fuel in conjunction with high altitude and/or high ambient temperature conditions, the pump may experience cavitation causing a loss of fuel pressure. A loss of fuel pressure may lead to an engine stall resulting in a sudden loss of motive power, which can cause a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : In some cases, an engine Malfunction Indicator Lamp ("MIL") may illuminate, the engine may operate roughly, hesitate and/or experience reduced engine power.

Supplier Identification :**Component Manufacturer**

Name : TI POLAND sp. z o.o.

Address : ul. Bestwińska 143a

Bielsko-Biała FOREIGN STATES 43-346

Country : Poland

Chronology :

Please see attached chronology document titled, "UB2 FCA US LLC Chronology - 10172018.pdf".

Please see attached revised chronology document titled, "UB2 FCA US LLC Chronology - 10232018.pdf".

Description of Remedy :

Description of Remedy Program : FCA US will conduct a Voluntary Safety Recall, on all affected vehicles to replace the flex fuel pump with a new pump not susceptible to cavitation while using E10 fuel.

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: Fuel delivery module (FDM)
Part Description: Flex fuel delivery module
Part Number: 68312374AA
Comment: Remedy component still under development

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

Recall Schedule :

Description of Recall Schedule : **4/4/2019: FCA US will notify dealers and begin notifying owners on or about May 1, 2019.

**October 17, 2018: FCA US will notify dealers and begin notifying owners on or about December 6, 2018.

Planned Dealer Notification Date : DEC 06, 2018 - DEC 06, 2018

Planned Owner Notification Date : DEC 06, 2018 - DEC 06, 2018

* NR - Not Reported