

**Part 573 Safety Recall Report****15V-508****Manufacturer Name :** Chrysler (FCA US LLC)**Submission Date :** SEP 26,2015**NHTSA Recall No. :** 15V-508**Manufacturer Recall No. :** R45**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 : 7,810

Estimated percentage with defect : 0

**Vehicle Information :**

Vehicle : 2015-2015 Jeep Renegade

Vehicle Type :

Body Style : SUV

Power Train : NR

Descriptive Information : Certain 2015 MY Jeep Renegade ("BU") vehicles.

Production Dates : SEP 18, 2014 - JUN 25, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Some 2015 MY Renegade vehicles equipped with the RA4 model radio have certain software security vulnerabilities which could allow unauthorized third-party access to some networked vehicle control systems. Exploitation of the software security vulnerabilities required extensive technical knowledge, physical access to a subject vehicle and a long period of time to write applicable code.

A successful exploit of this security vulnerability could result in unauthorized remote modification and control of vehicle systems. FCA US has not made a determination that this security vulnerability constitutes a Defect as defined by The Motor Vehicle Safety Act 49 USC Sec. 30102 or 49 CFR 573. Although FCA US has not determined that a Defect exists, it has decided to conduct a remedial campaign as a safety recall in the interest of protecting its customers.

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk : Exploitation of the software security vulnerabilities required unauthorized access to the vehicle's internal network and the subsequent manipulation of

vehicle control systems. This manipulation could lead to exposing the driver, the vehicle occupants or any other individual or vehicle with proximity to the affected vehicle to a potential risk of injury.

The vulnerabilities and potential risk were mitigated by FCA US beginning on July 16, 2015 with an immediate software security update and were further prevented on July 22, 2015 when the cellular provider remotely closed long range wireless access. Due to the cellular provider's remote closure of long range wireless access, the potential risk of illegal and unauthorized access to any vehicle systems is limited to short range wireless communications with an effective range of approximately 30 meters. This lower level of risk, based on the increased difficulty to gain access, only exists in approximately the 3% of owners who subscribe to mobile hot spot.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

Please see the attached supplemental information titled "FCA US LLC Chronology - 2015 Vehicles RA3 RA4 - 081115.pdf".

On August 04, 2015, 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 : On July 16, 2015, FCA Us made available a software update for immediate installation that eliminates all identified wireless vulnerabilities (both long and short range) for the affected vehicles. Customers can either directly download the update to their own USB drive from <http://www.driveuconnect.com/software-update/> or take their vehicle to a FCA US dealer for immediate installation. The software will be provided to all affected owners at no charge. On July 22, 2015, access to the previously open port on the radio was remotely closed by the cellular provider, immediately eliminating any risk of long-range, illegal and unauthorized remote "hacking."

To further ensure customer piece of mind, FCA US will conduct a Voluntary Safety Recall on all affected vehicles by mailing owners a USB drive with the

updated software for customer installation. Owners requiring assistance can have the software installed by their dealer at no charge to the customer.

FCA US LLC ("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 : NR

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

**Recall Schedule :**

Description of Recall Schedule : FCA US notified dealers on 9/4/2015 and owner notification is scheduled for 10/2/2015.

Planned Dealer Notification Date : SEP 04, 2015 - SEP 04, 2015

Planned Owner Notification Date : OCT 02, 2015 - OCT 02, 2015

\* NR - Not Reported