

**Part 573 Safety Recall Report****15V-393****Manufacturer Name :** Chrysler (FCA US LLC)**Submission Date :** JUN 16,2015**NHTSA Recall No. :** 15V-393**Manufacturer Recall No. :** R27**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 : 99,436  
 Estimated percentage with defect : 0

**Vehicle Information :**

Vehicle : 2014-2015 Jeep Cherokee

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Some MY 2014-2015 Jeep Cherokee vehicles equipped with the Power Liftgate option.

Production Dates : JAN 04, 2013 - FEB 18, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Defect :**

Description of the Defect : Some 2014-2015 MY Jeep Cherokee vehicles equipped with the Power Liftgate option may experience corrosion induced high resistance short circuit due to liquid intrusion into the Power Liftgate Control Module.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This defect may, in some cases, result in a fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

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

Name : Flextronics

Address : 27755 Stansbury Road  
Farmington Hills MICHIGAN 48334

Country : United States

**Chronology :**

- On November 13th, 2014, FCA US LLC ("FCA US") opened an internal investigation into a single input of fire in the liftgate area.
- The cause of this input was undetermined.
- On December 4th, 2014 a second input was received.
- The Vehicle Safety and Regulatory Compliance ("VSRC") and engineering teams began analysis of warranty data, parts returned, and a teardown of a returned Power Liftgate Control Module.
- Root cause was determined to be liquid intrusion into the connectors of the Power Liftgate Control Module. Liquid intruding into the power connector may cause corrosion, which can result in a high resistance short circuit, which could result in a fire.
- Beginning January 19th, 2015 FCA US conducted a field survey of 62 vehicles to check for liquid intrusion into the liftgate area, with only one vehicle showing slight signs of water intrusion.
- Beginning February 14th, 2015 extensive testing was conducted by the VSRC and engineering teams to determine all potential liquid leak paths into the Power Liftgate Control Module.
- Engineering analysis identified potential paths for liquid intrusion into the liftgate area.
- One of the primary paths of liquid intrusion in to the liftgate area is a threaded grommet, intended to seal an attachment point used in non-power liftgate vehicles only.
- As a precautionary action to protect the module, on February 18th, 2015 the Toledo North Assembly Plant implemented a mastic shield for the module and a bolt to seal the threaded grommet in the D-pillar.
- As of June 5th, 2015 there have been zero reported incidents beyond the precautionary measures introduced on February 18th, 2015
- On June 9th, 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 : FCA US will conduct a Voluntary safety recall on all affected vehicles to inspect the Power Liftgate Control Module and connectors for corrosion, add a bolt to replace the threaded grommet, and cover the module with a foam water shield. In vehicles that show corrosion, the Power Liftgate Control Module and connectors will be replaced. The source of intrusion will be identified and corrected as well as the addition of the foam water shield and bolt.

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 : Planned Dealer Notification: \_\_/\_\_/\_\_  
Planned Owner Notification Start / End Date : \_\_/\_\_/\_\_ - \_\_/\_\_/\_\_  
FCA will provide as soon as available. Interim letter will be sent to all customers.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported