

Part 573 Safety Recall Report

17V-485

Manufacturer Name : Chrysler (FCA US LLC)**Submission Date :** AUG 02, 2017**NHTSA Recall No. :** 17V-485**Manufacturer Recall No. :** T50**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 : 3,002

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2017 Jeep Renegade

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

Descriptive Information : Some 2017 MY Jeep Renegade ("BU") vehicles have Instrument Panel Control ("IPC") software which causes the illumination of multiple malfunction indicator lights (telltales) when no malfunction is actually detected, and when not conducting a bulb check. The vehicles included in the scope of the recall were determined based on the introduction of a new integrated circuit chip sub-component and the associated software which were first used for production in June 2017. The end point of the recall population was established in production with the introduction of software which corrects the issue. Recalled vehicles differ from non-recalled vehicles by the integrated circuit chip sub-component and software which accompanied the introduction of the new integrated circuit chip.

Production Dates : JUN 01, 2017 - JUL 20, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : FMVSS 101 S5.3e requires that "[a] telltale must not emit light except when identifying the malfunction or vehicle condition it is designed to indicate, or during a "bulb check."

Some 2017 MY Jeep Renegade ("BU") vehicles were built with an integrated circuit chip sub-component and software combination that can result in illumination of one or more telltales when no malfunction or indicated vehicle condition is present, and when not conducting a regular bulb check. This issue may occur when the fuel indicator is reading "Low Range" fuel.

FMVSS 1 : 101 - Control and displays

FMVSS 2 : NR

Description of the Safety Risk : Driving with illuminated telltale lights under these conditions may result in the driver not being aware of whether there are actual malfunctions in various monitored systems. Driving with a false telltale may mask a truly active telltale and result in compromised vehicle system performance potentially causing a vehicle crash without prior warning.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Magneti Marelli S.p.A.

Address : Viale Aldo Borletti 61/63
Corbetta (Milan) FOREIGN STATES 20011

Country : Italy

Chronology :

On July 19, 2017, FCA Italy identified a software issue with the IPC in production and opened an investigation into a potential non-compliance with FMVSS 101.

On July 21, 2017, representatives of FCA US LLC ("FCA US") Vehicle Safety and Regulatory Compliance group analyzed a video of the IPC malfunction of illuminated telltale and compared the function to the regulatory requirements and provided input to FCA Italy that these vehicles are potentially non-compliant.

On July 26, 2017, FCA Italy determined, through the Vehicle Regulations Committee, to conduct a voluntary safety recall of the affected vehicles, due to a non-compliance with FMVSS 101.

Description of Remedy :

Description of Remedy Program : FCA US will conduct a Voluntary Safety Recall on all affected vehicles to reflash the IPC 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 : NR

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

Recall Schedule :

Description of Recall Schedule : ** 08/02/2017: FCA US will notify dealers and begin notifying owners on or about 9/16/2017.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported