

# Part 573 Safety Recall Report

# 16E-039

**Manufacturer Name :** Chrysler (FCA US LLC)

**Submission Date :** JAN 26, 2017

**NHTSA Recall No. :** 16E-039

**Manufacturer Recall No. :** S29



## 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 :** 2,291

**Estimated percentage with defect :** 100 %

## Equipment Information :

**Brand / Trade 1 :** RAM

**Model :** ProMaster

**Part No. :** 68229650AB

**Size :** N/A

**Function :** Trlr Light Mod

**Descriptive Information :** This is an equipment recall. Some 2014-2016 MY RAM ProMaster ("VF") vehicles may have received the Trailer Tow Lighting Control Module (Part Number 68229650AB).

**Production Dates :** JUL 24, 2015 - FEB 15, 2016

**Brand / Trade 2 :** RAM

**Model :** ProMaster City

**Part No. :** 68229650AB

**Size :** N/A

**Function :** Trlr Light Mod

**Descriptive Information :** This is an equipment recall. Some 2015-2016 MY RAM ProMaster City ("VM") vehicles may have received the Trailer Tow Lighting Control Module (Part Number 68229650AB).

**Production Dates :** AUG 15, 2014 - FEB 01, 2016

## Description of Defect :

**Description of the Defect :** Per FMVSS 571.108, stop lamps are required on the rear of all trailers with steady burning activated upon application of the service brakes. The Trailer Tow Lighting Control Module may contain a software error that could cause a

noncompliance with FMVSS 571.108. The software error may result in a processing issue preventing the illumination of the trailer brake lights after first actuation of the brake.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : This condition may result in inoperative trailer brake lights.

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 :

FCA US' investigation found the VM brake signal was modified from Direct Current ("DC") to Pulse Width Modulation ("PWM") at the start of production for the 2015 MY. A read across to the VF was initiated based on the common use of the Trailer Tow Lighting Control Module. The Mopar Upfit Center at Saltillo Van Assembly Plant ("SVAP") found brake lights for the Mopar Trailer Tow Group kit were not functioning after the first brake actuation. Software level change history of the trailer tow lamp module indicated that changes made to implement best practices to minimize battery drain resulted in altering the PWM detection rate. This change resulted in a processing issue that may not illuminate the trailer tow brake lights on VF vehicles after the first actuation of the brake. The 2015 start of production change from DC to PWM signals on the VM vehicle resulted in a processing issue that may not illuminate the trailer tow brake lights.

## Description of Remedy :

Description of Remedy Program : FCA US will conduct a Voluntary Safety Recall to replace the Trailer Tow Light Control Module. An equipment recall notice will be mailed to all other VF and VM vehicle owners who may have purchased a suspect Mopar Trailer Tow Group kit. 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 : \*\*2016 06 09 - 2016 06 16 Dealer Instruction and 2016 06 20 Owner Letter.

FCA US will provide a dealer notification and owner notification schedule once established.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

### Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR

Address : NR

NR

Country : NR

Company Phone : NR

\* NR - Not Reported