

# Part 573 Safety Recall Report

# 18V-382

**Manufacturer Name :** Mobility Ventures LLC**Submission Date :** JUN 07, 2018**NHTSA Recall No. :** 18V-382**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Mobility Ventures LLC

Address : 105 N. Niles Ave.

South Bend IN 46617

Company phone : 877 681-3678

**Population :**

Number of potentially involved : 977

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2015-2016 Mobility Ventures MV-1

Vehicle Type :

Body Style :

Power Train : GAS

Descriptive Information : All MY 2015 and 2016 vehicles involved in Recall action.

Production Dates : DEC 22, 2014 - AUG 24, 2015

VIN Range 1 : Begin : 57WMS2C64FM100008 End : 57WMD2C60GM100308  Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Mobility Ventures has determined that model year 2015–2016 Mobility Ventures MV-1 vehicles do not conform to the requirements of Section S9.3.6 “Turn Signal Lamp Failure”, Federal Motor Vehicle Safety Standard (FMVSS) No. 108, “Lamps, Reflective Devices, and Associated Equipment”.

If a rear turn signal lamp's illumination output falls below photometric requirements, the Body Control Module (BCM) will not detect this condition and consequently the flasher unit does not perform as required by S9.3.6 (e.g., “significant change in the flashing rate”). The frequency of tell-tale illumination and audible “tick-tock” are unchanged and the driver is not alerted to failure of a rear turn signal lamp.

Mobility is not aware of any reports of accidents or injuries attributed to this condition.

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

FMVSS 2 : NR

Description of the Safety Risk : If a rear turn signal lamp's output falls below photometric requirements, the operator may not become aware of the turn signal's diminished illumination

**Description of the Cause :**

and may continue to operate the vehicle without correcting this condition. As a result, others may not become aware that the vehicle operator is intending to execute a turn resulting in an increased risk of a collision.

Mobility is currently investigating the root-cause of the subject non-compliance. Incorrect programming of the Body Control Module's (BCM) bulb-outage detection functionality is suspected. Mobility will supplement this information within 5 working days of confirming root-cause of the reported condition.

**Identification of Any Warning that can Occur :****Supplier Identification :****Component Manufacturer**

Name : To Be Determined

Address : NR

NR

Country : NR

**Chronology :**

- On March 29th, 2018 during the ordinary course of analyzing a warranty return rear tail lamp assembly, an anomaly was noted where the frequency of the turn signal flasher tell-tale illumination and audible "tick-tock" was unchanged when a rear tail lamp assembly had been removed from the vehicle. This anomaly was flagged for further review and investigation.
- During April and early May 2018, Mobility Ventures Engineering conducted an internal investigation to determine whether the observed condition could be duplicated, under what (if any) specific conditions, and the scope of the model years potentially subject to the anomaly.
- On May 16th, 2018, Mobility Ventures Engineering concluded that the subject condition was only found on model-year 2015 and 2016 vehicles and was limited to their rear tail lamps only. Bulb-outage detection for the front turn signal(s) performed as required by Section S9.3.6.
- On May 30, 2018 Mobility determined that this concern should be addressed by a Recall Determination Committee.
- On May 31, 2018 Mobility Ventures reviewed all information and concluded that the issue represented a non-compliance with Federal Motor Vehicle Safety Standard (FMVSS) 108 "Lamps, Reflective Devices, and Associated Equipment" and decided that a voluntary non-compliance recall should be conducted.

- Mobility is not aware of any reports of accidents or injuries attributed to this condition.

## Description of Remedy :

Description of Remedy Program : Mobility is actively researching/confirming root-cause and developing a remedy for this non-compliance. Remedy will likely involve field reprogramming of involved vehicles' BCM. There will be no charge to customers for the remedy.

Mobility is excluding reimbursement for costs because the original warranty program provides for a free repair for these concerns.

Mobility will forward a copy of the Service Repair Procedure, Dealer and Owner Notification Letters to the Agency when developed.

Mobility will supplement details of the remedy program after it has been finalized -- expected to be completed by approximately mid-July 2018.

How Remedy Component Differs from Recalled Component : NR

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

## Recall Schedule :

Description of Recall Schedule : Mailing of Dealer Notification Letters will occur on or before July 25, 2018.  
Mailing of Owner Notification Letters will occur on or before July 30, 2018.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported