

Part 573 Safety Recall Report

17V-175

Manufacturer Name : Altec Industries Inc.

Submission Date : MAY 03, 2018

NHTSA Recall No. : 17V-175

Manufacturer Recall No. : CSN 646



Manufacturer Information :

Manufacturer Name : Altec Industries Inc.

Address : 210 Inverness Center Drive
Birmingham AL 35242

Company phone : 205-991-7733

Population :

Number of potentially involved : 335

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2016 Altec JEMS 4A and JEMS 4E4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Aerial devices and service bodies with JEMS 4A and JEMS 4E4 Idle Mitigation Systems (IMS).

Production Dates : SEP 01, 2015 -OCT 01, 2016

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Improper cable installation

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The cable could suffer from abrasion and could result in the risk of a thermal event.

Description of the Cause : NR

Identification of Any Warning that can Occur : The system stops responding and working in the ePTO mode.

Supplier Identification :

Component Manufacturer

Name : ZeroRPM

Address : 5380 Alabama Highway 69S

Cullman ALABAMA 35057

Country : United States

Chronology :

In July 2016, one JEMS battery enclosure was returned to ZeroRPM as a non-functional unit. Upon returning the battery enclosure an investigation of the battery assembly started. It was identified through the inspection that the cable that routes to one of the contactors had rubbed on the contactor bolt and shorted.

In September 2016, two JEMS battery enclosures were returned to ZeroRPM in the same condition. Upon evaluation, it was identified they had the same cable routing issue as the first return.

Further investigation was done to understand how many other units may be similarly manufactured and would need the cable re-routed. In March it was then determined that a longer cable routed along a different path would prevent the rub point..

There have been no reports of injury or accident

Description of Remedy :

Description of Remedy Program : Altec will issue CSN 646 to all affected customers requiring replacement and rerouting of the contactor cable

How Remedy Component Differs from Recalled Component : A longer cable and different routing is now being used

Identify How/When Recall Condition was Corrected in Production : Current production units have the longer cable with the new routing.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : MAY 10, 2017 - MAY 12, 2017

* NR - Not Reported