

Part 573 Safety Recall Report

18V-728

Manufacturer Name : Altec Industries Inc.**Submission Date :** OCT 04, 2019**NHTSA Recall No. :** 18V-728**Manufacturer Recall No. :** CSN 699**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 : 24

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2017 Altec TA45M and AM50/55 Aerial Devices with 500W DC-DC Converters

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by identifying units that had the 500W DC-DC converter option.

Production Dates : APR 30, 2015 - JUN 30, 2017

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : The 500W DC-DC converter can fail due to voltage and current spikes.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Failure of the 500W DC-DC converter can result in a thermal event which can increase the risk of personal injury and/or property damage

Description of the Cause : NR

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

Name : Sevcon USA Inc.

Address : 155 Northboro Road, Suite 1

Southborough MASSACHUSETTS 01772
Country : United States

Chronology :

In December 2017 Altec received 2 reports of 500W DC-DC converter failures. In both cases, the customers were advised to unplug the converters while a cause and solution were determined. Altec notified the supplier and the failed converters were returned to the supplier for evaluation. A Supplier Corrective Action Report (SCAR) was opened in March of 2018 after no root cause had been identified by the supplier. In late March another issue was discovered during testing. In May 2018, a second SCAR was issued to the supplier. The SCAR was not finalized and the resolution approved by Altec until October 2018.

Description of Remedy :

Description of Remedy Program :	Altec will issue CSN 699 to owners of the affected units requiring replacement of the 500W DC-DC converter
How Remedy Component Differs from Recalled Component :	The DC-DC converter will be replaced with the revised design
Identify How/When Recall Condition was Corrected in Production :	The DC-DC converter will be replaced with the revised design

Recall Schedule :

Description of Recall Schedule :	Altec will issue CSN 699 to owners of the affected units requiring replacement of the 500W DC-DC converter
Planned Dealer Notification Date :	DEC 05, 2018 - DEC 06, 2018
Planned Owner Notification Date :	DEC 05, 2018 - DEC 06, 2018

* NR - Not Reported