Part 573 Safety Recall Report 18V-138

Manufacturer Name : Altec Industries Inc.
Submission Date : FEB 27, 2018
NHTSA Recall No. : 18V-138
Manufacturer Recall No. : CSN 676

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 : 59
Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2004-2005 Altec AM547/650/855/862 Aerial Devices and AM650/855 Elevators
Vehicle Type :
Body Style :
Power Train : NR
Descriptive Information : The recall population was based upon unit production records and from actions related to a previous field campaign.
Production Dates : OCT 01, 2004 - FEB 28, 2005
VIN Range 1 : Begin : NR End : NR ☐ Not sequential

Description of Defect :

Description of the Defect : Fiberglass upper boom failure
FMVSS 1 : NR
FMVSS 2 : NR
Description of the Safety Risk : Failure of the upper boom can increase the risk of death or serious injury.
Description of the Cause : NR
Identification of Any Warning that can Occur : Inspection of the upper boom is a part of the preoperational inspection and periodic maintenance inspections

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR

Country : NR

Chronology :

In April of 2017, Altec issued a field notice (CSN 654, NHTSA report 17V256) in reference to several upper boom fiberglass failures on model AM650/855 units at the steel to fiberglass interface.

Altec has under taken considerable effort to identify a potential manufacturing or design defect which could be attributed to the fiberglass boom failures. However, to date, no defect has been detected. It is believed that field failures have occurred as the result of repeated significant overload which caused the fiberglass to degrade and ultimately fail over a period months and possibly years depending on use. Based on calculations and test data, the design and manufacturing of the upper boom meets all applicable industry standards for safety factors and design requirements.

In February 2018, Altec determined that due to the high number of units with fiberglass degradation from the initial field notice a new notice should be released.

Description of Remedy :

Description of Remedy Program :	Altec will issue CSN 676 to registered owners of affected units requiring a visual inspection of the fiberglass. If fiberglass degradation is found, the unit must be taken out of service. If no fiberglass degradation is found the unit can continue to be used. In both cases, Altec will contact the customer to 1) replace the upper fiberglass boom or 2) buy back the chassis and unit.
How Remedy Component Differs from Recalled Component :	N/A
Identify How/When Recall Condition was Corrected in Production :	N/A

Recall Schedule :

Description of Recall Schedule :	NR
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	APR 17, 2018 - APR 19, 2018

* NR - Not Reported