

# Part 573 Safety Recall Report

# 17V-107

**Manufacturer Name :** Altec Industries Inc.

**Submission Date :** FEB 17, 2017

**NHTSA Recall No. :** 17V-107

**Manufacturer Recall No. :** MAB 650



## Manufacturer Information :

## Population :

Manufacturer Name : Altec Industries Inc.

Number of potentially involved : 35

Address : 210 Inverness Center Drive  
Birmingham AL 35242

Estimated percentage with defect : 1 %

Company phone : 205-991-7733

## Vehicle Information :

Vehicle 1 : 2016-2016 Altec DLB

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Digger Derrick

Production Dates : APR 01, 2016 - DEC 31, 2016

VIN Range 1 : Begin : NR End : NR

Not sequential

## Description of Defect :

Description of the Defect : Improperly heat treated fasteners

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The fasteners could fail due to stress corrosion cracking increasing the risk of death or serious injury to the worker or those nearby

Description of the Cause : NR

Identification of Any Warning that can Occur : These fasteners are required to be visually checked at part of the operator's pre-operational inspection and torque checked as part of the annual preventive maintenance inspection. Any defective fasteners are normally identified during this inspection.

**Supplier Identification :****Component Manufacturer**

Name : Nucor Fastener  
Address : PO Box 6100  
St. Joe INDIANA 46785  
Country : United States

**Chronology :**

This issue was first discovered in early 2017 on a DL Digger Derrick in the production process. The unit was in the process of a final assembly audit when it was noticed that the head was missing on one of the outer race rotation bearing fasteners. The torque was checked on the remaining fasteners and, in the process, an additional fastener broke. All units were quarantined and a fastener torque check was completed on all DL units still in production. During this process, two more fasteners broke during the torque check. All of the broken fasteners were from the same lot number.

There have been no reports of accident or injury

**Description of Remedy :**

Description of Remedy Program : Altec will issue a recall letter (MAB 650) to owners of all affected units that directs them to (1) inspect the rotation bearing fasteners for a specific number stamped on the head of the bolt, (2) if any of the suspect fasteners are found to perform an annual torque inspection and if any broken fasteners are found, take the unit out of service until they are replaced and (3) if no broken fasteners are found, return the unit to service and replace the fasteners within 30 days. The fasteners must be inspected daily until they are replaced.

How Remedy Component Differs from Recalled Component : The fasteners that are affected have a specific number stamped on the head of the bolt.

Identify How/When Recall Condition was Corrected in Production : Altec has switched to a different supplier for these fasteners pending Nucor quality control process improvements

**Recall Schedule :**

Description of Recall Schedule : NR  
Planned Dealer Notification Date : NR - NR  
Planned Owner Notification Date : FEB 24, 2017 - FEB 24, 2017

\* NR - Not Reported