

**Part 573 Safety Recall Report****15V-398****Manufacturer Name :** Altec Industries Inc.**Submission Date :** JUN 17,2015**NHTSA Recall No. :** 15V-398**Manufacturer Recall No. :** CSN 620**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 : 23

Estimated percentage with defect : 1

**Vehicle Information :**

Vehicle : 2013-2015 Altec AH125, HL125, AH150

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Aerial devices built with identified fastener lot numbers.

Production Dates : JAN 07, 2013 - JAN 02, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**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 hydrogen embrittlement 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 torque checked as part of the annual preventive maintenance inspection. Any defective fasteners are normally identified during this inspection

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

Name : Fastenal

Address : 3824 West Superior St  
Duluth MINNESOTA 55807

Country : United States

**Chronology :**

In early 2015, a broken rotation bearing fastener was found during a post unit assembly inspection. All units built with fasteners from the suspect lot were quarantined at the assembly plant.

Investigation by Fastenal, the fastener supplier, concluded that the fasteners did not go through a specified post plating heat treatment process thus increasing the likelihood of internal hydrogen embrittlement. Altec had fasteners from the suspect lot tested by an independent lab. The lab confirmed that those fasteners did not comply with specifications provided to Fastenal. Fastenal subsequently provided fasteners with the proper heat treatment. These fasteners were also tested by an independent laboratory which confirmed they met specifications.

Altec replaced all suspect fasteners on the quarantined units prior to shipment

**Description of Remedy :**

Description of Remedy Program : Altec replaced all suspect fasteners on the quarantined units prior to shipment. However, with an abundance of caution, Altec and its supplier have decided to require an inspection of units with fasteners from other lots of parts with no known failures. Altec will issue a recall letter (CSN 620) to owners of all affected units that directs them to (1) verify that they have performed an annual torque inspection or (2) perform the annual torque inspection if the unit has been in service for less than 1 year.

How Remedy Component Differs from Recalled Component : There is no visible difference in the fasteners.

Identify How/When Recall Condition was Corrected in Production : Fastenal has additional quality control measures in place to ensure heat treatment procedures are being followed

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : JUL 29, 2015 - JUL 30, 2015

\* NR - Not Reported