

## Safety Defect and Noncompliance Report Guide for Vehicles Part 573 Defect and Noncompliance Report<sup>1</sup>

In March 2011 Altec Industries, Inc. decided that a condition which relates to motor vehicle safety exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Responsibility and Reports.

Date this report was prepared: **June 2, 2011**

Furnish the manufacturer's identification code for this recall (if applicable): **CSN 541A**

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

**Altec Industries, Inc.**

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

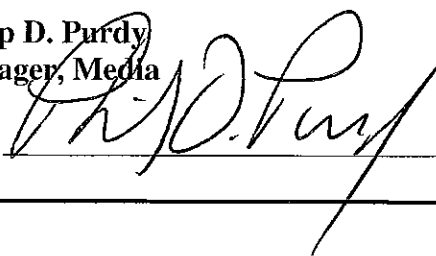
**Joshua T. Chard**  
**Director, Corporate and Product Safety**

Telephone Number: **205-408-8627** Fax No.: **205-981-3733**

Name and Title of Person who prepared this report.

**Philip D. Purdy**  
**Manager, Media**

Signed: \_\_\_\_\_



## I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:

Make(s): **Altec** Model Years Involved: **2009-2010** Model(s): **AA755, AA50/55/60, AA600, AM55, AM650/855, AM900-E, AN650, AP Series, LB650, LRV Series, DL/DM, D800 Series, D940 Series, D2000 Series, D3000 Series.**

Production Dates: Beginning: **April, 2009** Ending: **May, 2010**

VIN Range: Beginning: **N/A** Ending: **N/A**

Vehicle Type: **N/A** Bodystyle: **N/A**

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

**This recall only affects Altec aerial devices and digger derricks built between April 2009 and May 2010 using specific manufacturers' lots of high strength fasteners.**

## II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

<u>Model</u>	<u>Year Serviced</u>	<u>Number of Vehicles Potentially</u>
<b><u>AA755</u></b>	<b><u>2009-2010</u></b>	<b><u>6</u></b>
<b><u>AA50/55/60</u></b>	<b><u>2009-2010</u></b>	<b><u>1</u></b>
<b><u>AA600</u></b>	<b><u>2009-2010</u></b>	<b><u>2</u></b>
<b><u>AM55</u></b>	<b><u>2009-2010</u></b>	<b><u>1</u></b>
<b><u>AM650/855</u></b>	<b><u>2009-2010</u></b>	<b><u>7</u></b>
<b><u>AM900-E</u></b>	<b><u>2009-2010</u></b>	<b><u>1</u></b>
<b><u>AN650</u></b>	<b><u>2009-2010</u></b>	<b><u>1</u></b>
<b><u>AP Series</u></b>	<b><u>2009-2010</u></b>	<b><u>2</u></b>
<b><u>LB650</u></b>	<b><u>2009-2010</u></b>	<b><u>1</u></b>
<b><u>LRV Series</u></b>	<b><u>2009-2010</u></b>	<b><u>12</u></b>
<b><u>DL/DM</u></b>	<b><u>2009-2010</u></b>	<b><u>4</u></b>
<b><u>D800 Series</u></b>	<b><u>2009-2010</u></b>	<b><u>3</u></b>
<b><u>D940 Series</u></b>	<b><u>2009-2010</u></b>	<b><u>6</u></b>
<b><u>D2000 Series</u></b>	<b><u>2009-2010</u></b>	<b><u>1</u></b>
<b><u>D3000 Series</u></b>	<b><u>2009-2010</u></b>	<b><u>7</u></b>

Total Number Potentially Affected by the Recall: **56**

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: **100%**

Identify and describe how the recall population was determined – in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

**Altec did a search of its service records to find units that the specific fastener part number and manufacturer's lot number were replaced in service. These units have been identified.**

### **III. Describe the Defect or Noncompliance**

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

**Altec has become aware of high strength fasteners that may fail due to stress corrosion cracking. This recall is limited to isolated lots of high strength fasteners from a single manufacturer that were replaced on aerial devices and digger derricks serviced in 2009 and 2010. Failure of the fastener could cause the pedestal to separate from the turntable.**

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Describe the cause(s) of the defect or noncompliance condition.

**High strength fastener may fail due to stress corrosion cracking.**

Describe the consequence(s) of the defect or noncompliance condition.

**Multiple fasteners could break which could cause a separation of the turntable and pedestal.**

Identify any warning which can (a) precede or (b) occur.

**Fasteners are subject to periodic inspection requirement intended to detect cracked and broken condition.**

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

**Barnes Distribution  
1301 East 9<sup>th</sup> Street  
Suite 700  
Cleveland, OH 44144-1824**

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:

**David Smith**  
**Regional Vice President of Sales**  
**Central Region, Dallas, TX**

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#### **IV. Provide the Chronology in Determining the Defect/Noncompliance**

*If the recall is for a defect, complete item 6, otherwise item 7.*

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

**In January of 2010, Altec Industries, Inc. learned of a single rotation bearing fastener failure. Between March 12 and April 14, 2010, twenty-nine (29) additional fastener failures were reported. On April 15, Altec halted shipment of all new equipment and inspected these units for fastener failure.**

**On March 26, failure samples were sent to the supplier and manufacturer of the fasteners for evaluation. On March 30, failure samples were sent to an independent lab for evaluation. A summary of this evaluation is included in CSN 541A.**

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

N/A

#### **V. Identify the Remedy**

8. A description of the manufacturer's program for remedying the defect or noncompliance. This program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of the manufacturer's notification of owners, purchasers and dealers, in accordance with §573.13 of this part. A manufacturer's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by §573.13 that is not in a general reimbursement plan shall be submitted in the manufacturer's report to NHTSA under this section. If a manufacturer submits one or more general reimbursement plans, the manufacturer shall update each plan every two years, in accordance with §573.13. The manufacturer's remedy program and reimbursement plans will be available for inspection by the public at NHTSA headquarters.

**Altec will issue a recall (CSN 541A) for all the affected trucks. Altec will provide instruction on how to replace the fasteners. Altec will reimburse the customer for parts and up to \$600.00 labor for the fastener replacement.**

9. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

**The suspect fasteners will be replaced.**

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

**There is no physical difference in the appearance of the fasteners.**

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

**The production remedy is identical to the field remedy – bolts from the lots at issue were replaced.**

#### **VI. Identify the Recall Schedule**

10. Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

**Attached to this report is CSN 541A. Once CSN 541A has been approved and returned, Altec will immediately mail it to the customers affected. There are no dealers/retailers affected.**