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12V-456

5 Pages

**Safety Defect and Noncompliance Report Guide for Vehicles
Part 573 Defect and Noncompliance Report¹**

In September 2012 Altec Industries Inc decided that a defect 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: **September 12, 2012**

Furnish the manufacturer's identification code for this recall (if applicable): **CSN 570**

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, Technical Publications

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: 2002 - 2009 Model(s): **Aerial Device**
Production Dates: Beginning: N/A Ending: N/A

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

Vehicle Type: N/A Body style: N/A

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

This recall affects AH75/85/100 and HL125 units with 16-foot radial outriggers manufactured between May 2002 and December 2009.

II. Identify the Recall Population

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

<u>Model</u>	<u>Year</u>	<u>Number of Vehicles Potentially Involved</u>
AH75/85/100 and HL125	2002-2009	245

Total Number Potentially Affected by the Recall: 245

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: **Unknown at present time.**

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:

The recall population was determined by reviewing manufacturing records to identify units built with 16-foot radial outriggers between May 2002 and December 2009.

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.

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

Improper torque applied to the cylinder piston retention system during assembly.

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

The cylinder piston could loosen from the rod allowing the outrigger leg to protrude beyond the confines of the chassis when it is in a stowed position.

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

Outrigger legs not properly in place should be detected during operator's daily pre-operational inspection

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

**Jarp Industries
1051 Pine Street
Schofield, WI 54476**

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

**Kevin Kraft
Chief Executive Officer**

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 mid 2011, we received reports where the piston on an outrigger hydraulic cylinder had turned on the cylinder rod. These cylinders were subsequently replaced after additional reports were received of cylinders in the same condition. All other cylinders in the field with similar manufacture date codes were inspected. This inspection turned up two additional cylinders with loose pistons. This issue was discussed with the cylinder manufacturer. Testing and evaluation was done to determine the cause. The root cause was determined to be insufficient torque applied to the cylinder piston during assembly. A decision was made to inspect and repair all hydraulic cylinders used on 16-foot radial outriggers manufactured between May 2002 and December 2009. There have been no reports of accidents or injuries.

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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 letter (CSN 570) to owners of all affected units.

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 hydraulic cylinder manufacturer had increased the torque on the piston during assembly.

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

N/A

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 recall remedy.

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.

Not currently available.