

# MANDATORY ACTION BULLETIN

Date: February 23, 2017

Units Affected: AH125, AH150 and HL125 built from March 2015 through June 2015  
(See attached list)

## Rotation Bearing Fastener Inspection

**This Mandatory Action Bulletin requires immediate action.**

This Mandatory Action Bulletin requires inspection of the rotation bearing fasteners on both the inner and outer races on the affected units.

**Issue:**

Recently, an Altec unit was under going its Annual Torque Inspection and during that procedure 3 rotation bearing fasteners broke. The rotation bearing fasteners on that unit were manufactured at a similar time period to another fastener lot that has been susceptible to failure due to environmental hydrogen embrittlement (EHE). With an abundance of caution, the units covered in this action include all fastener lots that were manufactured during this time period. There have been no other reports or experience of failures from the fastener lots associated with these 10 units. Failure of multiple fasteners on a single bearing race can cause uncontrolled movement of the turntable and boom. **Death or serious injury can result from uncontrolled movement.**

**Customer Action:**

- Inspect the rotation bearing fasteners as soon as this MAB is received and before the unit is operated again. Use the Annual Torque Inspection Procedure in the Maintenance Manual.
- If any of the fasteners break during the torque inspection:
  - Remove the unit from service.
  - Replace all of the fasteners on both the top and bottom races before the unit is returned to service. Rotation fasteners replacement kits are listed below and can be ordered by calling 1-877-GO ALTEC (1-877-462-5832).

HL125 and AH150 Inner Race Cap Screw Kit	990067992
AH125 Inner Race Cap Screw Kit	990068161
AH125, AH150 and HL125 Outer Race Cap Screw Kit	990068015

## MAB 651

- If no broken fasteners are found in the inspection
  - Replace all the fasteners in both the inner and outer races within the next 30 days.
  - Perform a daily visual inspection of the rotation bearing fasteners until the fasteners are replaced if none were broken.
- Complete the inspection form at the end of this MAB and return it to Altec.

This repair is covered under the Altec Warranty Policy and can be performed by Altec, the customer, or the customer's warranty provider. Altec will allow up to \$1440 for an inspection and the labor to perform this repair on AH125, AH150 and HL125 units. If the unit is an AH125 mounted on a track carrier, Altec will allow up to \$2070 for an inspection and the labor to perform this repair. A warranty claim must be submitted to be reimbursed for the cost of the parts and/or labor.

Call 1-877-GO ALTEC (1-877-462-5832) to schedule the work to be done by an Altec service technician. Customers are responsible for the travel costs of an Altec Mobile Service technician if the technician performs the inspection or repair at the owner's location.

# MAB 651 Inspection Sheet

Complete this form and FAX to: 1-877-659-9929

or scan and email to product.safety@altec.com

Model	Serial Number	Date Inspected	Broken Cap Screws	
			Yes	No

Make additional copies of this form, as needed, for additional units. Contact Technical Support at 1-877-GO ALTEC (1-877-462-5832), prompt 4, for further repair information.

Company Name: \_\_\_\_\_ Phone \_\_\_\_\_

Service Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Company Contact: \_\_\_\_\_

Company Street Address: \_\_\_\_\_

State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_

Signature: \_\_\_\_\_