



Altec Industries, Inc.
Creedmoor Division
Creedmoor, NC

SIL 589

Service Information Letter

Date: January 10, 2014

Units Affected: L37M and L39M units built between serial numbers 0702CW0522
(July, 2002) through 0113CW1441 (January, 2013)

Lower Boom Cylinder Anchor Inspection

Altec is committed to providing our customers with safe and reliable products from initial delivery throughout the useful life of the machine.

Reports have been received of cracks developing around the upper boom cylinder anchor where it attaches to the lower boom. Because of these reports, Altec is asking customers to inspect this area on each unit within 90 days of receiving this SIL. Each unit should be inspected using the procedure on Page 2. If there is evidence of cracks, the unit should be scheduled for repair according to the inspection criteria. **If no cracks are found, continue to inspect this area at each periodic inspection as described in the Maintenance Manual.**

Operators should inspect this area each day as outlined in the Daily Preoperational Inspection. The 500 hour/6 month Preventative Maintenance and Inspection and Section 4 of the Maintenance Manual also explains the inspection of welds in this area. Make sure operators and maintenance personnel follow the inspection instructions in these manuals. Inspections on the lower boom performed as outlined in the manual will help minimize the chance of damage.

This repair is covered under the Altec Warranty Policy and can be performed by Altec or the customer's warranty provider. Altec will allow up to \$700 for the labor to perform this repair. The repair must be completed by a welder having an AWS D1.1 3G Certification. A warranty claim must be submitted for the cost of the labor. Call 1-877-GO-ALTEC 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 at the owner's location.

Use following procedure to inspect the area for cracks.

1. Position the unit on a level surface, apply the parking brake and chock the wheels. Engage the unit's hydraulic system. Properly set the outriggers.
2. Look at the upper boom cylinder anchor weldment on the lower boom (refer to Figure 1).

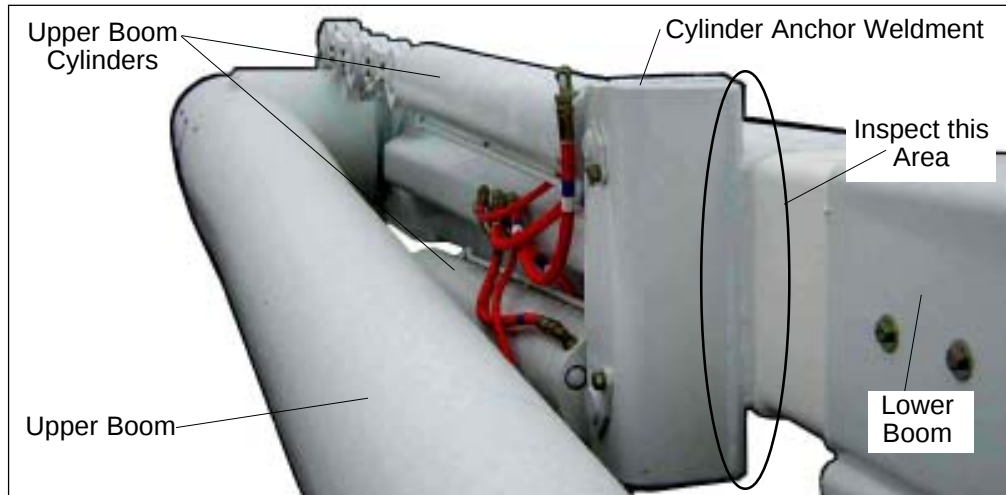


Figure 1 — Inspection Area

3. If there is no visible evidence of cracks in the tube or weld at the cylinder anchor, no further action is required.
4. If there is evidence of cracks in the tube, weld or the sub weldment, the cracks must be repaired. If the cracks do not extend to the end of the steel tube at the insert, the unit should be repaired in the next 30 days. Order the Cylinder Anchor Repair Kit (part number 970028778) for the repair.

If the cracks extend to the end of the steel tube, the unit must be removed from service and repaired immediately. Call 1-877-GO ALTEC (1-877-462-5832) for repair instructions.

5. After completing the inspection and determining the condition of the cylinder anchor, engage the unit's hydraulic system. Retract the outriggers. Disengage the unit's hydraulic system.
6. If the unit does not need to be repaired immediately, return the unit to service. Operators should continue to inspect this area each day.