



## Followup Notice for Safety Recall 16V-233 (Terex SN618)

September 25, 2018

Customer Name

Customer Address

Customer City, State & Zip Code

Dear Terex Owner,

We previously notified you about a safety recall to inspect certain XT aerial devices to check the boom tube material in the lower boom to determine if it complied with Terex specifications. Your XT aerial device was inspected in this recall, and this letter is sent to you as a follow up to the inspection.

Please find attached hereto a copy of the Safety Notification SN618 Completion Form for the material sampling performed on your Terex XT Aerial Device. The material in your boom was found to be compliant with the original design specifications. However, please note the following:

1. If cracks are noted in the attached SN618 Completion form, you should take the unit out of service and have it repaired immediately by qualified technicians. Any cracks, suspected cracks, or noted deficiencies need to be addressed for the safety of the operator and compliance with ANSI standards and OSHA regulations.

Note, Terex South Dakota offers repair kits which provide instructions to properly repair cracks.

2. Even if no cracks were noted in the attached Completion Form, you must continue to perform the daily, periodic, and annual inspections as required by the Manual, ANSI standards and OSHA regulations. In doing so, if cracks are noted at a later date, take the unit out of service and have it repaired. Cracks may appear at locations indicated in the Service Manual (excerpts below). Areas include, but are not limited to, where cylinders attach to the lower boom and upper boom and at pivot points or pins as shown in Figure 1. Illustrative photographs are also included below.

3. If there are any questions, please contact Terex South Dakota at 844-837-3948

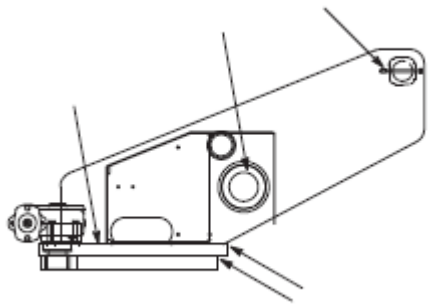
Aerial devices need to be inspected by a qualified person and repairs performed if required. For further information you can refer to the Owner Manual and the Maintenance Manual for your machine. If you do not have an Operators or Maintenance Manual they may be ordered from your nearest Terex Utilities dealer shown in the web site: <https://www.terex.com/utilities/en/service/service-center-locations>.

### STRUCTURAL INSPECTION

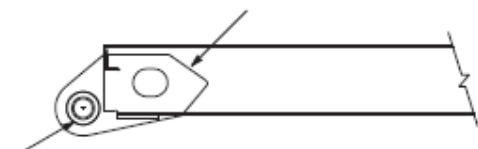
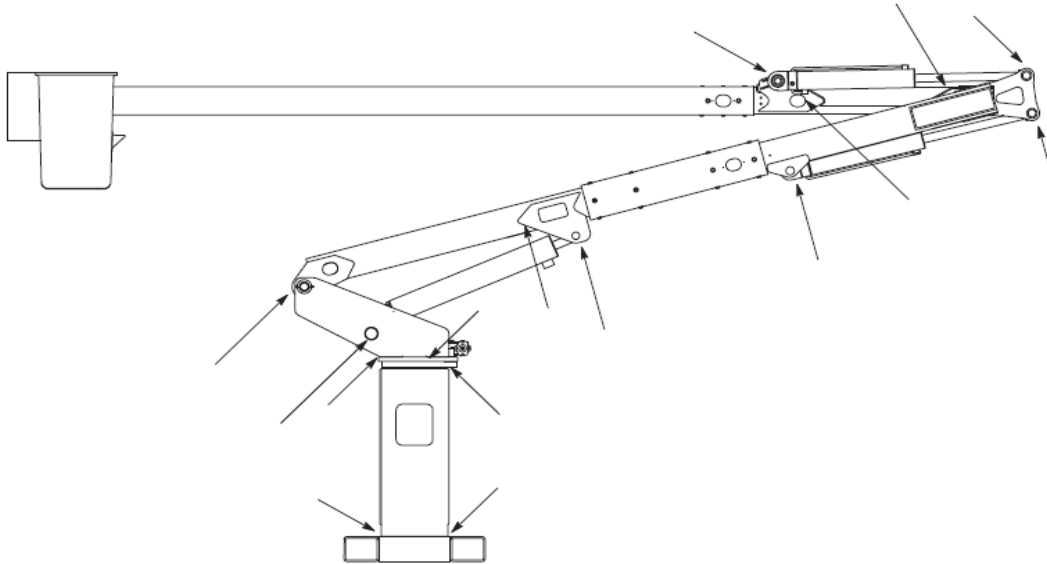
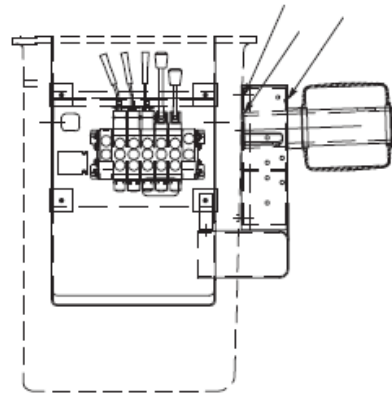
Daily inspection of the structure of an aerial or digger derrick is required for continued safe use. The daily inspection should look for any deformation, bent or broken components; lose fasteners, missing fasteners, pins that are out of position, retainers missing or loose. Check for excessive movement in pins and bushings. Look for visible cracks, watch for rust on the paint surface, or any paint that has lifted or has cracked, it may indicate the weld or material underneath has stretched, cracked or broke. These areas need to be inspected further to determine if there is a structural issue. Remove any loose paint with a wire brush and look at the area below. If the area is covered with dirt or grease it must be cleaned to inspect properly. A thorough structural inspection is required after any shock load or overload event.

### CRITICAL WELDS

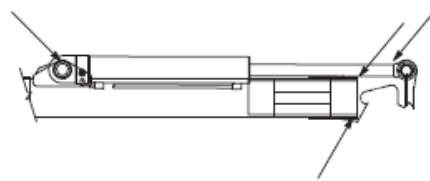
The structural integrity of the aerial device or digger derrick must be verified including all welds. Pay particular attention to welds in areas where there are changes in the sections and attachment of cylinders and pivots. Structural components of the boom tip, booms, turntable, pedestal, subframe, outriggers and vehicle attachment and support structure are critical. Any welds in these areas are termed critical welds. These items should be visually inspected for signs of deformation, cracks, electrical contact marks, fatigue or impending failure. Any suspect areas should be further inspected using an acceptable non-destructive test procedure such as magnetic particle or dye penetrant testing. Repair or replace any defective items found. Contact Terex Utilities for repair procedures on damage component. The following diagrams show specific areas that must be inspected. Inspection areas include: any welds, at all changes in section, all boss locations, weldment assemblies which pivot, side plates attached to boom tubes, turntable weldments, cylinder attachments, elbow weldments, cylinder case and rod weldments must be inspected. Also inspect the pedestal to subframe weldments, subframe to outrigger weldments, outrigger components, outrigger feet and attachment to the vehicle. Remove covers as necessary to examine the supporting structures thoroughly. Keep unit clean to properly inspect structural components. Components cannot be inspected properly when covered in grease and dirt. If excessive motion is detected during operation or inspection, stop in position. Do not operate until the problem has been diagnosed and resolved with operator safety in mind. See areas to inspect below.



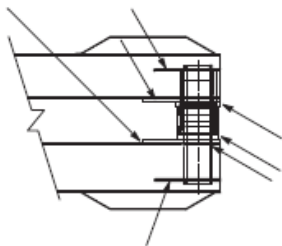
Turntable



Lower Boom



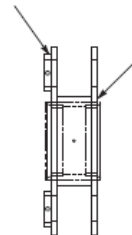
Upper Boom

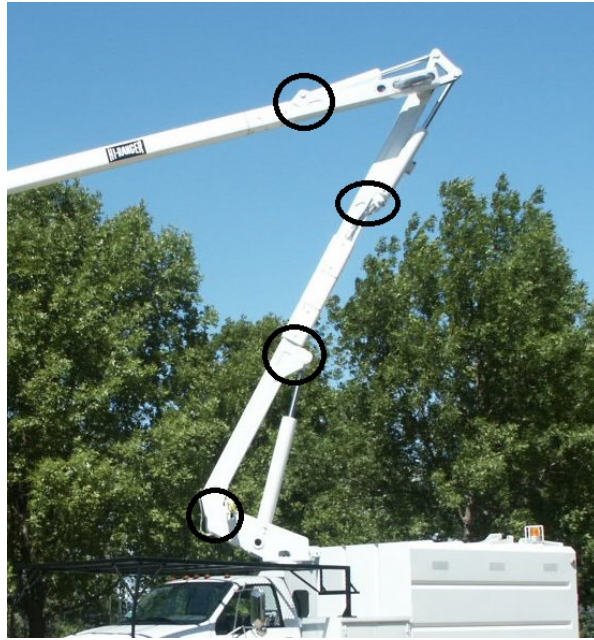


Top View of Lower and Upper Boom



Tri-Link Assembly





**Figure 1. Specific locations for inspection**

**Illustrations:**



**Crack example**



**Paint crack that needs further examination**



**Rusty area needs cleaning to inspect**



**Crack at pivot inside boom**

# Safety Notification SN618

## Completion Form (XT Lower Boom Tube Inspection)

UNIT INFORMATION	
Customer Truck #	_____
*Owner Name:	_____
Owner Phone Number:	_____
* Truck VIN #	_____
*Unit Serial Number:	_____

SERVICE PERFORMED BY	
* Date of Inspection	_____
* Service Technician (ST) completing work:	_____
* ST Company Name:	_____ ST Location: _____
ST Contact Number:	_____
<b>* CHECK TO VERIFY COMPLETION</b>	
<input type="checkbox"/>	Perform drill sampling per work instructions.
<input type="checkbox"/>	Visually inspect the booms for cracks and photograph.
* Work Order:	_____
Comments:	_____
* Required information	(Form Must Be Completed For Warranty Reimbursement)

**FAX THIS COMPLETED FORM TO TEREX UTILITIES WARRANTY DEPT.  
AT 605-882-5579. OR SEND IMAGE TO [utilities.warranty@terex.com](mailto:utilities.warranty@terex.com)**