

# Confined Space Entry & Tunnel Safety – Appendix E: Tripod Inspection

## User Instruction for the SALA Tripod Anchorage Connectors

Manufacturer's Instructions as required by ANSI Z359.1 and ANSI A10.14, and should be used as part of an employee training program as required by OSHA.

The 8000000 Tripod is Classified by Underwriters Laboratories Inc.

**Maximum load capacity 350 LBS (159 Kg) ONLY!**

### **WARNING:**

- This product is part of a personal fall arrest, work positioning, personnel riding, material handling, or rescue and evacuation system.
- The user must read and follow the manufacturer's instructions for each component or part of the complete system.
- These instructions must be provided to the user of this equipment.
- The user must read and understand these instructions or have them explained to them before using this equipment.
- Manufacturer's instructions must be followed for proper use and maintenance of this product.
- Alterations or misuse of this product or failure to follow instructions may result in serious injury, or death.

### **IMPORTANT**

If you have any questions on the use, care, application, or suitability for use of this safety equipment, contact DBI/SALA immediately @ 800-328-6146

Before using this equipment, record the product identification information found on the ID label of the tripod on the inspection and maintenance log.

**ALL manuals and literature are retained in the PCC Environmental Health and Safety office**

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## TRAINING

It is the responsibility of the user to assure they are familiar with these instructions, and are trained in the correct care and use of this equipment. User must also be aware of the operating characteristics, application limits, and the consequences of improper use of this equipment.

### IMPORTANT:

**Training must be conducted without exposing the trainee to a fall hazard.  
Training should be repeated on a periodic basis.**

## Inspection Frequency

- **Before Each Use:** Visually inspect per steps below,
- **Monthly:** A formal inspection of the tripod should be done by a competent person other than the user. See steps below for guidelines,

Record results on the *Inspection and Maintenance Log*.

- **After Fall Arrest:** Inspect entire tripod and base.

### WARNING

**If the tripod has been subjected to fall arrest or impact forces, it MUST be immediately removed from service and inspected.**

**If the tripod fails to pass the inspection, . . . DO NOT USE!**

**The equipment must be destroyed or sent to DBI/SALA for repairs**

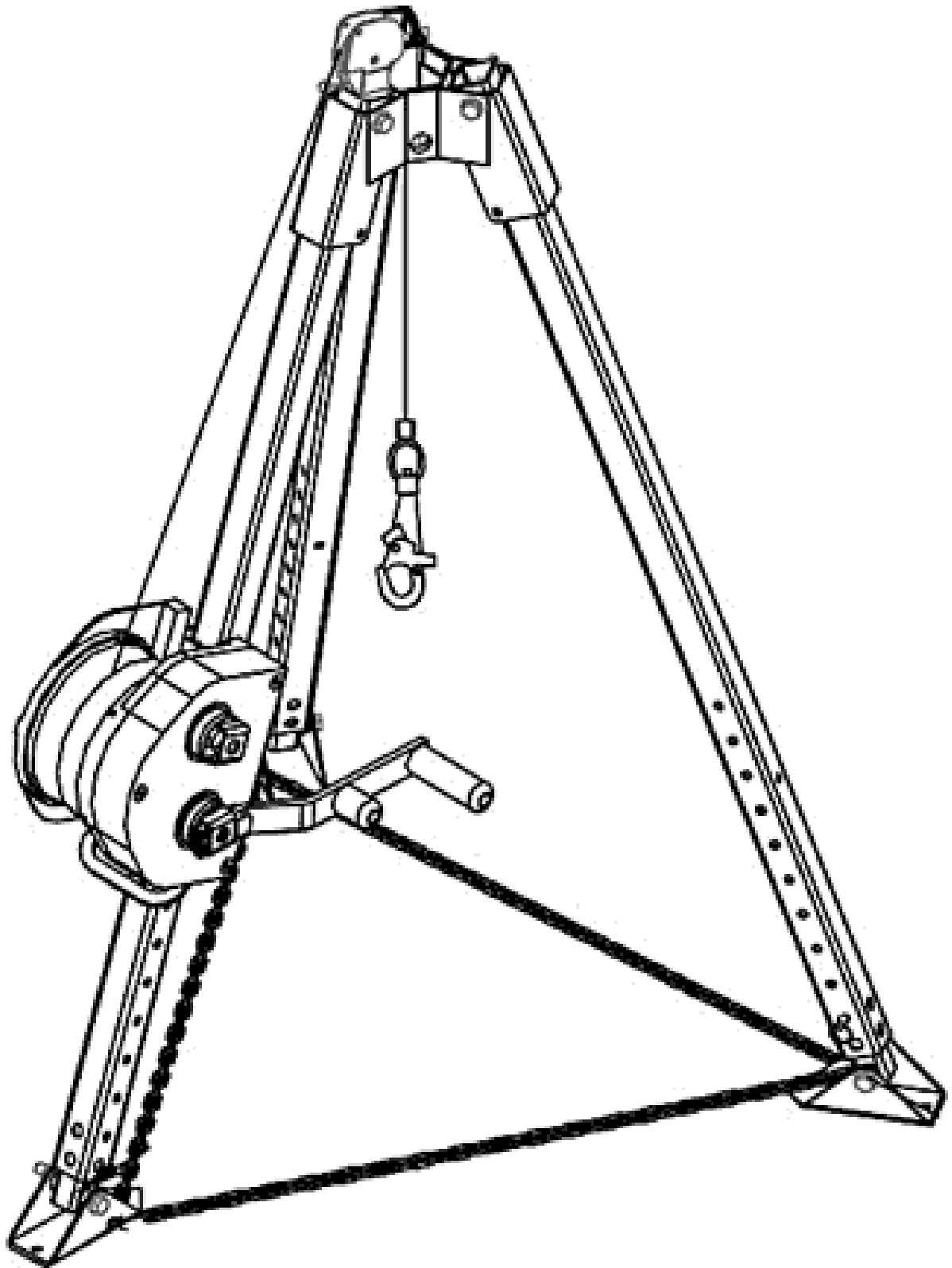
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## Inspection Steps for Tripod

- Step 1 ALL bolts must be securely attached. Check for missing, altered, or substituted bolts, nuts, locking detent pins or other parts. Inspect the tripod for signs of corrosion which may weaken or affect parts in their function.
- Step 2 Check each leg to see that it can be telescoped in and out freely. Inspect legs for straightness. Ensure legs lock into place when tripod is erect.
- Step 3 Check the feet on each leg; Ensure they pivot and the rubber pad is in place.
- Step 4 Check leg chain and connections; Ensure they are tight and undamaged, chain must be free of defects and hook must be in place and work properly.
- Step 5 Check the head. Ensure the eye-bolt anchorage points are in place and free from damage. Ensure the cable pulleys are clean and rotate freely.
- Step 6 Inspect the labels. Ensure ALL labels are present and full legible.
- Step 7 Record the results of the inspection in the inspection and maintenance log.
- Step 8 Inspect each system component according to manufacturer's instructions.

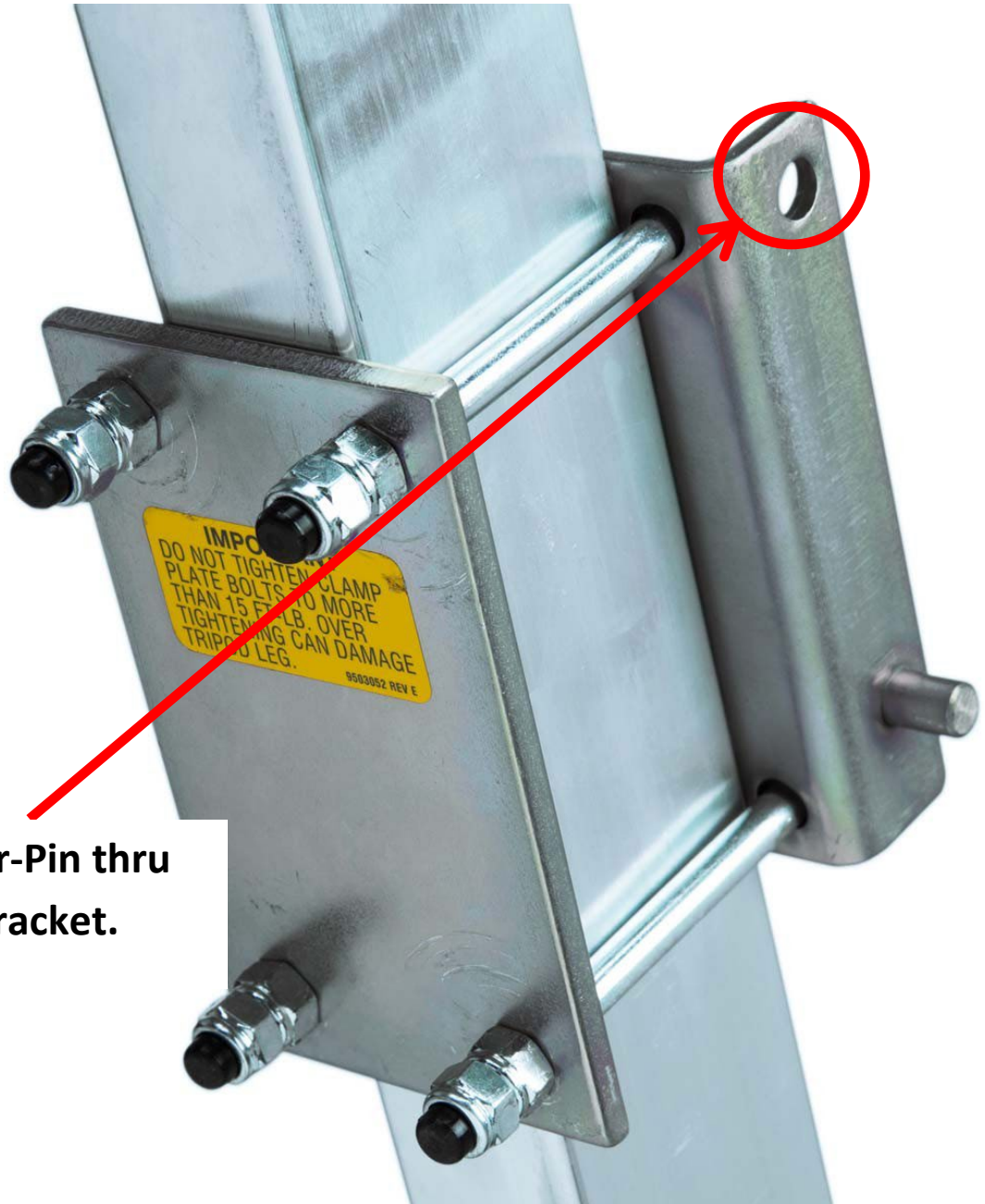
**IF the inspection, or operation, reveals a defective condition, REMOVE the tripod from service immediately and contact an authorized service center for repairs.**

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**Typical Rescue Tripod set up with winch and safety chains**

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**Safety Cotter-Pin thru winch and bracket.**

**Attachment of the quick-mount bracket to the tripod leg.**

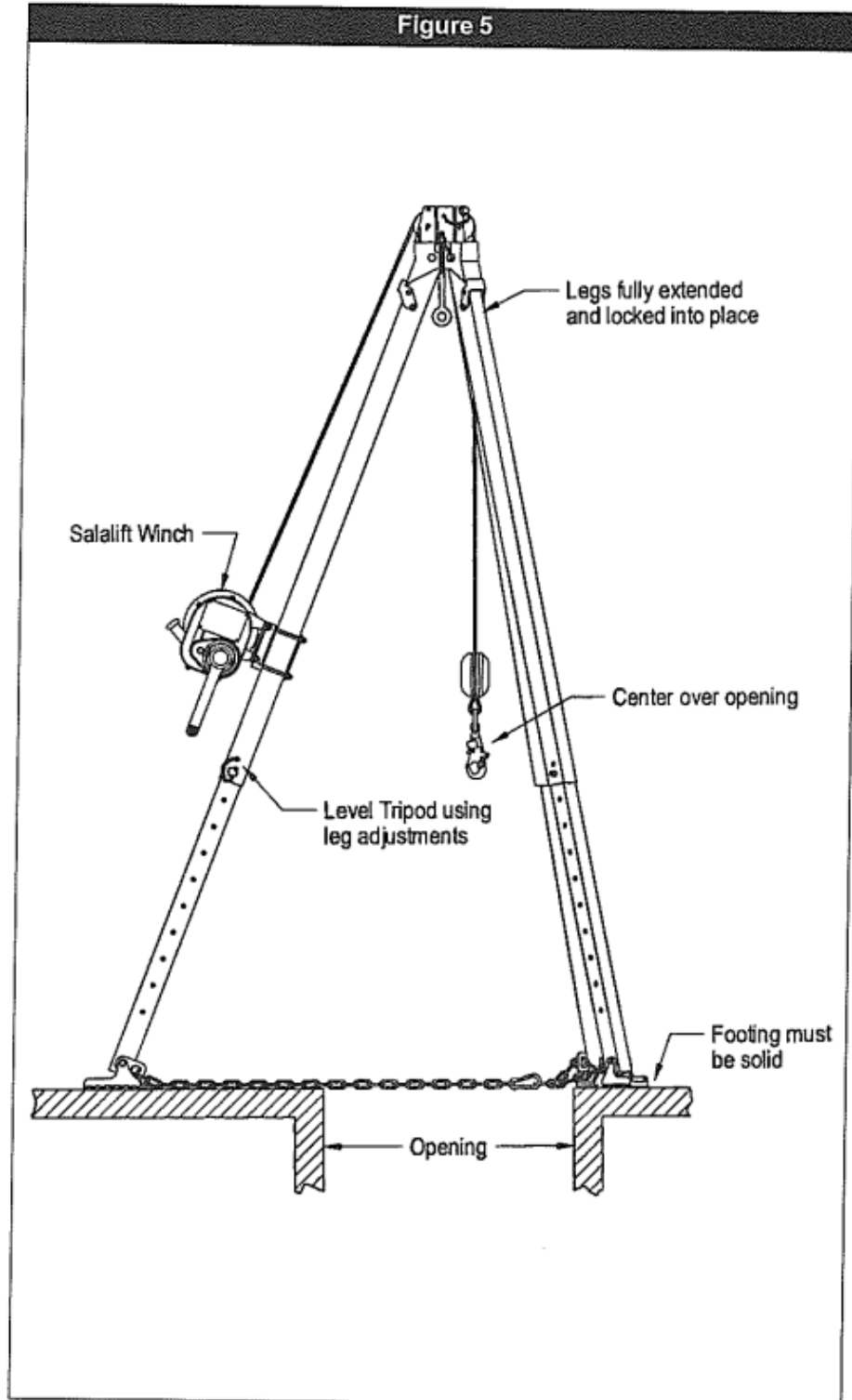
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**Safety Cotter-Pin thru winch and bracket.**



**Attachment of the manual winch locked onto the bracket.**

# Confined Space Entry & Tunnel Safety – Appendix E: Tripod Inspection



12

**Typical Rescue Tripod over opening (note foot placement)**

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## Inspection and Maintenance Log

Winch Serial Number: \_\_\_\_\_

Winch Model Number: \_\_\_\_\_

Tripod Serial Number: N/A

Tripod Model Number: 8000000

Date Purchased: \_\_\_/\_\_\_/\_\_\_

Date First Used: \_\_\_/\_\_\_/\_\_\_

Inspection date	Inspection Items Noted	Corrective Action	Maintenance Performed
<b>Approved By:</b>			
<b>Approved By:</b>			
<b>Approved By:</b>			
<b>Approved By:</b>			
<b>Approved By:</b>			
<b>Approved By:</b>			

This form is to be retained in the Equipment Inspection Log Book.