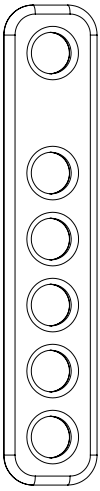
ROPE ANCHOR

Part # 01300

Instruction Manual



Do not throw instructions away.

Read and understand instructions before using this equipment.

Contents

Product Specific Applications

Fall Arrest: May be used to support a MAXIMUM 1 Personal Fall Arrest System (**PFAS**) for use in Fall Arrest applications. Structure must withstand loads applied in the directions permitted by the system of at least 5,000 lb (22,2 kN) or maintain a 2:1 safety factor. Maximum permitted free fall is 6 ft (1,8 m).

D-rings: Dorsal.

Travel Restraint: May be used in Restraint applications. Restraint systems prevent workers from reaching the leading edge of a fall hazard. Always account for fully extended length of connecting equipment. Structure must withstand loads applied in the directions permitted by the system of at least 1,000 lb (4,4 kN). No free fall is permitted. Restraint systems may only be used on surfaces with slopes up to 4/12 (vertical/horizontal).

D-rings: Dorsal, Chest, Hips (pairs only), Shoulders (pairs only).

Applicable Safety Standards

When used in accordance with these instructions and all local, state, and federal requirements, this product meets or exceeds all applicable requirements of:

- **OSHA 1910.140**
- **OSHA 1926.502**

Product Capacity

- **Maximum user weight (including all clothing, tools, and equipment) is:**

  130 - 420 lb (59-190 kg)

Worker Classifications

- **Qualified Person:** A person with an accredited degree or certification, and with extensive experience or sufficient professional standing, who is considered proficient in planning/reviewing the conformity of fall protection and rescue systems.
- **Competent Person:** A highly trained and experienced person who is ASSIGNED BY THE EMPLOYER to be responsible for all elements of a fall safety program, including, but not limited to, its regulation, management, and application. A person who is proficient in identifying existing and predictable fall hazards, and who has the authority to stop work in order to eliminate hazards.
- **Authorized Person:** A person who is assigned by their employer to work around or be subject to potential existing fall hazards.

Compatibility

When making connections, eliminate all possibility of roll-out. Roll-out occurs when interference between a connector and the attachment point causes the connector gate to unintentionally open and release.

All connections must be selected and deemed compatible with the harness by a Competent Person.

All connector gates must be self-closing, self-locking, and withstand a minimum load of 3,600 lb (16 kN).

See Diagram A on page 9.

Limitations

Fall Clearance: There must be sufficient clearance below the work surface to arrest a fall before the user strikes the ground or an obstruction. When calculating fall clearance, account for free fall, maximum arrest distance, harness stretch, a minimum 2 ft (0,6 m) safety factor, swing fall, and all other applicable factors.

See Guardian Fall Clearance Calculator: https://guardianfall.com/digital-resources/fall-clearance-calculator

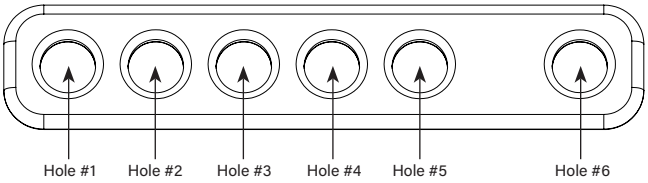
Swing Falls: Prior to installation or use, make considerations for eliminating or minimising all swing fall hazards. Swing falls occur when the anchor is not directly above the location where a fall occurs. Always work as close to in-line with the anchor point as possible. Swing falls significantly increase the likelihood of serious injury or death in the event of a fall.

Maintenance, Cleaning, and Storage

Cleaning after use is important for maintaining the safety and longevity of the Rope Anchor. Remove all dirt, corrosives, and contaminants from the equipment before and after each use. If Rope Anchor cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean Rope Anchor with corrosive substances.

When not in use or during transport, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

Components



Part # 01300

Materials

Aluminum

⚠ WARNING Use of equipment in unintended applications may result in serious injury or death. Maximum 1 attachment per connection point.

Installation and Use

⚠ **NOTE** **Ensure all PFAS equipment is selected and deemed compatible with Rope Anchor by Competent Person.**

⚠ **NOTE** **Make considerations for eliminating or minimizing swing fall hazards.**

⚠ **NOTE** **Ensure selected installation location is compatible with Rope Anchor, and is free of all damage, including, but not limited to, rot, rust, cracking, sharp or abrasive edges and surfaces, and hazardous materials.**

⚠ **NOTE** **Rope Anchor MUST be used with rope 5/8 in - 3/4 in in diameter only.**

Installation

⚠ **NOTE** **Rope Anchor may be connected to a compatible vertical lifeline (VLL) or rope lanyard in two different fashions:**

- **Method 1: Compatible rope may be threaded through holes #1-5 and tied off at hole #5. Hole #6 may then function as an anchorage connector.**
- **Method 2: Compatible rope may be threaded through holes #1-6 and system may wrap around a compatible anchor point.**

Rope Threading Method #1:

- **Step 1**

  With engravings facing away from user, thread rope end through hole #1, and pull rope through a total of 24 in.

- **Step 2**

  Insert 24 in rope end through hole #2 and pull through so there is no slack.

- **Step 3**

  Continue by threading rope end through hole #3 and pull through so there is no slack.

- **Step 4**

  Thread rope end through hole #4 and pull through so there is no slack.

- **Step 5**

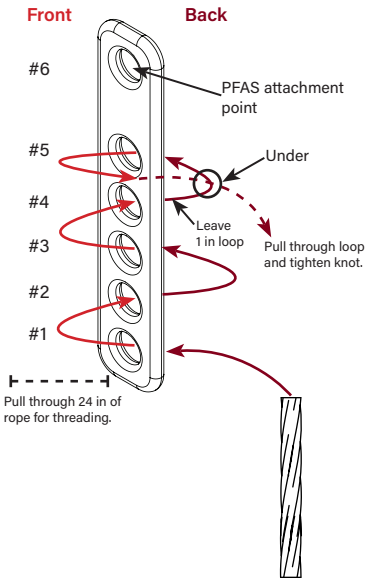
  Thread rope end through hole #5 and pull through. Leave a 1 in diameter loop of slack.

- **Step 6**

  Position rope end around to back of Rope Anchor and insert through 1 in diameter loop.

- **Step 7**

  Firmly pull rope end until loop tightens to form a knot. Ensure there is no rope slack over entire length of Rope Anchor.



Rope Threading Method #2:

- **Step 1**

  Repeat process for Rope Threading #1. DO NOT make any connections to hole #6.

- **Step 2**

  Secure long end of selected rope over a compatible anchor point. Anchor point MUST NOT consist of any sharp or abrasive surfaces or edges.

- **Step 3**

  Thread long end of selected rope through hole #6 and pull through so the Rope Anchor and rope are firmly wrapped around the anchor point.

- **Step 4**

  Ensure no slack exists in rope, and that no possibility exists for rope to slide off or detach from anchor point.

- **Step 5**

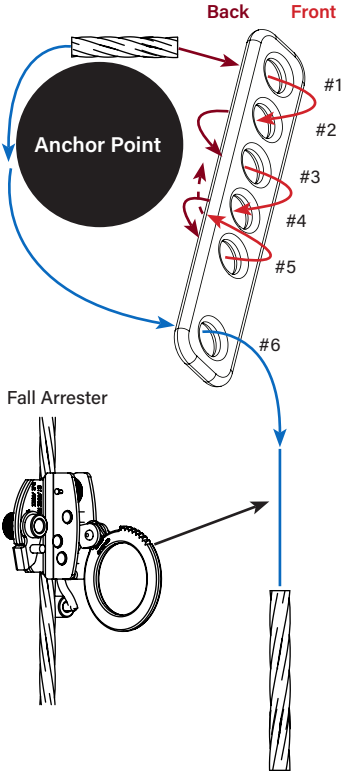
  Attach a compatible fall arrester, such as a rope grab, to the rope according to fall arrester manufacturer's instructions.

- **Step 6**

  Tie secondary knot in remaining 24 in rope end. NEVER tie secondary knot to vertical lifeline, to Rope Anchor, or around Rope Anchor.

- **Step 7**

  Hole #6 may now function as an anchorage connector for a compatible PFAS. All components of PFAS must be selected and deemed compatible with Rope Anchor by a Competent Person.



Safety Information

⚠ WARNING! Failure to understand and comply with safety regulations may result in serious injury or death. Regulations included herein are not all-inclusive, are for reference only, and are not intended to replace a Competent Person's judgment or knowledge of federal or state standards.

⚠ CAUTION! Understand the definitions of those who work near, or who may be exposed to, fall hazards.

⚠ WARNING! Use of equipment in unintended applications may result in serious injury or death. Maximum 1 attachment per connection point.

Do not alter equipment.

Workplace conditions, including, but not limited to, corrosive chemicals, electrical shock, sharp objects or edges, machinery, flame/high heat, abrasive or uneven surfaces, UV exposure, and severe or prolonged weather conditions, must be assessed by a Competent Person (CP) before fall protection equipment is selected. The presence of any/all of these conditions may have negative effects on product performance or service lifetime.

The analysis of the workplace must anticipate where workers will be performing their duties, the routes they will take to reach their work, and the potential and existing fall hazards they may be exposed to. Fall protection equipment must be chosen by a CP. Selections must account for all potential hazardous workplace conditions. All fall protection equipment should be purchased new and in an unused condition.

Fall protection systems must be selected and installed under the supervision of a CP, and used in a compliant manner. The system must be designed in a manner compliant with all federal, state, and safety regulations. Forces applied to anchors must be calculated by a CP.

Harnesses and connectors selected must be compliant with manufacturer's instructions, and must be of compatible size and configuration. Snap hooks, carabiners, and other connectors must be selected and applied in a compatible fashion. All risk of disengagement must be eliminated. All snap hooks and carabiners must be self-locking and self-closing, and must never be connected to each other.

See Diagram A on page 9.

A pre-planned rescue procedure in the case of a fall is required. The rescue plan must be project-specific. The rescue plan must allow for employees to rescue themselves, or provide an alternative means for their prompt rescue to minimise post fall suspension time. Store rescue equipment in an easily accessible and clearly marked area.

Training of Authorized Persons (APs) to correctly erect, disassemble, inspect, maintain, store, and use equipment must be provided by a CP. Training must include the ability to recognise fall hazards, minimise the likelihood of fall hazards, and the correct use of personal fall arrest systems.

NEVER use fall protection equipment of any kind to hang, lift, support, or hoist tools or equipment, unless explicitly certified for such use.

Equipment subjected to forces of fall arrest must immediately be removed from use.

Age, fitness, and health conditions can seriously affect the worker should a fall occur. Consult a doctor if there is any reason to doubt a user's ability to safely withstand fall arrest forces or perform set-up of equipment. Pregnant women and minors MUST NOT use this equipment.

Physical harm may still occur even if fall safety equipment functions correctly. Sustained post-fall suspension may result in serious injury or death. Use trauma relief straps to reduce the effects of suspension trauma.

Labels

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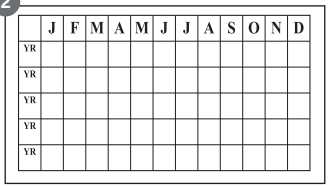
Rope Anchor
Part # 01300

USE 5/8" - 3/4" (16 - 19 mm) OR APPROVED ROPE ONLY

Warning Read and follow mfg's instructions

Made in China

2



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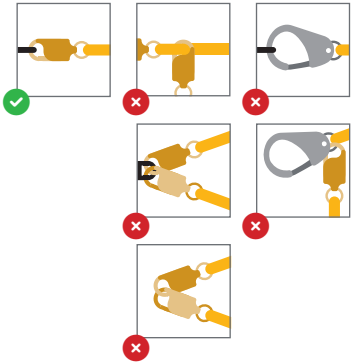
INSPECTION GRID

90508 Rev A

Diagram A - Connections



Inspection

Prior to EACH use, inspect Rope Anchor for deficiencies, including, but not limited to, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint build-up, excessive heating, alteration, broken stitching, fraying, and missing or illegible labels. **IMMEDIATELY remove Rope Anchor from service if defects or damage are found, or if exposed to forces of fall arrest.**

Ensure that applicable work area is free of all damage, including, but not limited to, debris, rot, rust, decay, cracking, and hazardous materials. Ensure that work area will support the application-specific minimum loads set forth in this manual. Work area MUST be stable.

At least every 12 months, a Competent Person (CP) other than the user must inspect anchor.

See Inspection Log on page 10.

Inspections MUST be recorded in inspection log in instruction manual and on equipment inspection grid label. The CP must sign their initials in the box corresponding to the month and year the inspection took place.

During inspection, consider all applications and hazards the harness has been subjected to.

Product lifetime is indefinite as long as it passes pre-use and CP inspections.

This inspection log must be specific to one Anchor. Separate inspection logs must be used for each Anchor. All inspection records must be made visible and available to all users at all times. If equipment fails inspection it must be discarded immediately.

GUARDIAN

Inspection Log

Serial #:	Date of First Use:
Model #:	User:

Date:	Inspected By:	Results/Condition:	Next Inspection Date:

Notes

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