

ADJUSTABLE ROPE POSITIONING LANYARD

Parts # 36100; 36101; 36102; 36103

Instruction Manual



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- ✘ Do not throw instructions away.**
- ⚠ Read and understand instructions before using this equipment.**

Product Specific Applications



May be used in **Work Positioning** applications. Work Positioning systems allow a worker to be supported while in suspension and work freely with both hands. Structure must withstand loads applied in the directions permitted by the system of at least 3,000 lbs. This device is designed to support the user when working at height and when needing a hands free environment. A fall arrest backup must be used.

D-ring: Side (pairs only)

Competent Person Definition

The job site safety supervisor, referred to in this manual as the Competent Person (CP), must be a highly trained and experienced person who is assigned by the employer to be responsible for all elements of the fall safety program; this includes, but is not limited to, program regulation, management, and application. The CP must be proficient in identifying existing and predictable fall hazards, and must have the authority to stop work to eliminate hazards or otherwise promote safe and compliant work practices.

For All Product Applications

- **Worker weight capacity range (including all clothing, tools, and equipment) is OSHA 130-420 lbs. ANSI 130-310 lbs.**
- **Anchorage point must be able to hold a load of 5,000lbs, or meet OSHA requirements for twice the anticipated load (certified by a Qualified Person) and that it is fixed, preventing the device anchorage from moving while in use.**

Anchorage points which may come into contact with the rope lanyard must be free from sharp burrs, edges, abrasive surface and/or any other hazards which may cause damage to the rope constituent.

The job site Competent Person (CP) must ensure that there are sufficiently strong and accessible anchorage points in the working environment. The user should be aware at all times of which attachment points to use; if not immediately obvious they must seek confirmation from the CP. Always ensure that the means of attachment to the anchorage is secure before beginning work.

Applicable Safety Standards

Meets or exceeds:

- **OSHA 1926.502**
 - **OSHA 1910.140**
 - **ANSI Z359.3**
-

Compatibility

When making connections with the device, 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 this device by a CP. All connector gates must be self-closing, self-locking, and withstand minimum loads of 3,600 lbs.

See Diagram A on page 8

Maintenance, Cleaning, and Storage

Maintenance and cleaning after use is important for maintaining the safety and longevity of the device. Remove all dirt, corrosives, and contaminants from lanyard before and after each use. If device cannot be cleaned with plain water (not exceeding 30°C), use webbing/rope detergent and plain water, then rinse and ensure webbing is left to dry naturally out of direct sunlight and away from direct heat sources, never store equipment if it is wet. NEVER clean device 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.

Quality

All Guardian products are manufactured under **ISO 9001:2015** and to the highest standards.

Exclusions

Guardian holds global product liability cover for your safety. However, Guardian will NOT be responsible for:

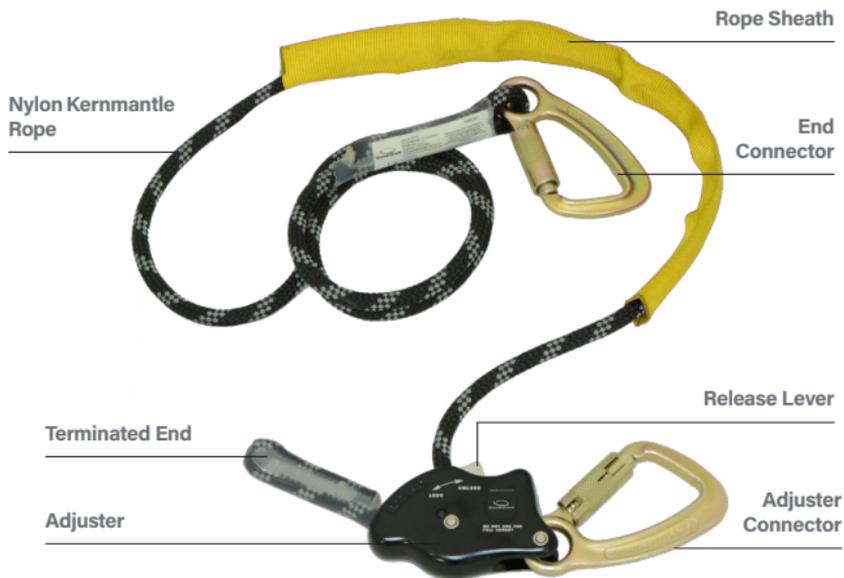
- Users who are out of the scope of any written manuals or training given.
 - Any PFAS or components that have NOT been inspected under the current applicable legislation, including regional specific legislation.
 - Operators who do not use fall arrest equipment where required as determined by risk assessment.
 - Devices that have been damaged.
 - The max weight being exceeded.
 - Devices that have NO serial number markings, and the manufacturer's name **Guardian** not present.
 - Potential mis-use, including but not limited to:
 - Non-industrial use
 - Connection and/or use of incompatible equipment
 - Adapting/modifying the device in any manner
 - Using the device in environments which may degrade or affect the performance of the device such as those listed in the user information (e.g. in close proximity of heat, chemical, electrical hazards)
 - Use on surfaces outside of the scope given by the manufacturer
 - Re-using the device after it has been subjected fall forces
 - Using a device that has not met the storage, transportation, maintenance and inspection requirements.
-

Specifications

Adjustable Rope Positioning Lanyard

Part #	Adjuster Connector				End Connector				Length 8ft
	Carabiner	Snap Hook			Carabiner	Snap Hook			
36100	AL				AL				■
36101			AL				AL		■
36102		ST				ST			■
36103				ST				ST	■

ANSI Z359.12 approved Captive Eye Connectors AL = Aluminum ST = Steel



#36102

Adjustable Rope Positioning Lanyard with Steel Carabiners

Materials

Aluminum, Stainless steel, steel and polyamide (nylon).

Installation and Use

- ▲ WARNING!** This device is for a single user only.
- Do not use this device for 'Work Positioning,' unless it is of such a length or can be adjusted to such a length that a fall cannot occur.
 - A back-up fall protection system, suitable for Fall Arrest applications, must be used in conjunction with Adjustable Positioning Lanyard.
 - Do not anchor to a structure that itself can fall i.e. free-standing ladder or any loose structure.
 - Do not loop rope around objects with sharp edges.
 - Do not tie a knot in rope to make it shorter.
 - Do not use this device to make up a fall arrest lanyard using an Energy Absorber Pack. Do not use this device for material handling.
 - Ensure the device is connected to an anchorage of sufficient strength.
 - Ensure the device is connected to the correct attachment point of the full body harness.
 - Ensure the closing mechanism of the connector(s) automatically closes and is secure before use.
-

■ Step 1

Ensure all PFAS equipment is selected and deemed compatible by a Competent Person.

■ Step 2

Eliminate or minimize all risk of swing fall.

■ Step 3

Determine desired anchorage for device; ensure location is free of debris, rot, cracking, and hazardous materials.

■ Step 4

Installation, set-up, and use of the system must be done under the supervision of a Qualified Person.

Operation

To adjust 'up' the working length of the lanyard, when the lanyard is in the position of work and connected to your harness, take your weight off the lanyard by using one hand to pull yourself in, then use your other hand to pull the free end of the rope. This will adjust 'up' the working length of the lanyard.

To lengthen the lanyard, grasp the device with your hand closest to it, partially support your weight with your other hand on the structure and depress the release lever with your finger.

See Diagram B on page 8

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 or misuse 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, self-closing, and must never be connected to each other.

See Diagram A on page 8

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 minimize 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 recognize fall hazards, minimize 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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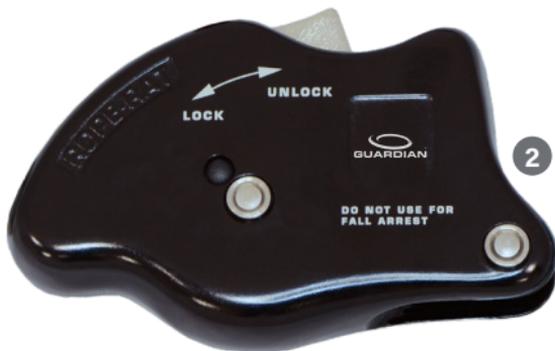

guardianfall.com
800-466-6385

Part #:
Serial Number:
D.O.M:
Capacity: ANSI 130-310 lbs.
OSHA 130-420 lbs.
Materials: Aluminum, steel,
stainless steel, polyamide (nylon).
Length: 8'
Standards: ANSI Z359.3
OSHA 1910.140 & 1926.502

**ADJUSTABLE ROPE
POSITIONING LANYARD**

- Read and understand manufacturer's instruction manual supplied at time of shipment.
- Only make compatible connections.
- This device is for work positioning only.
- Must be connected to both side D-Rings in pairs only.
- **DO NOT USE FOR FALL ARREST.**

91504-A



1

Part #:
Serial Number:
Capacity: ANSI 130-310 lbs.
OSHA 130-420 lbs.

Principal Materials: Aluminum, carbon steel, stainless steel and polyamide

Length: 8ft

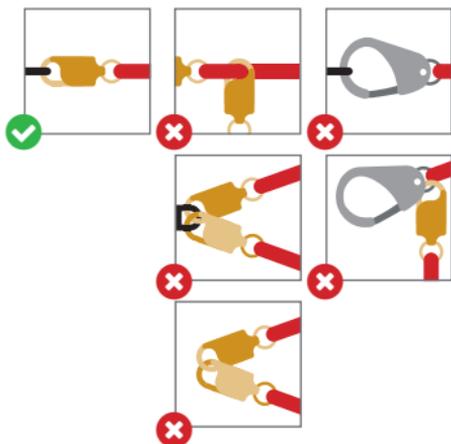
Standards: ANSI Z359.3,
OSHA 1910.140 & 1926.502

Read and understand manufacturer's instruction manual supplied at time of shipment. Only make compatible connections. This device is for work positioning. **DO NOT USE FOR FALL ARREST!**

2

Lock ↔ Unlock
DO NOT USE FOR FALL ARREST

Diagram A - Connections



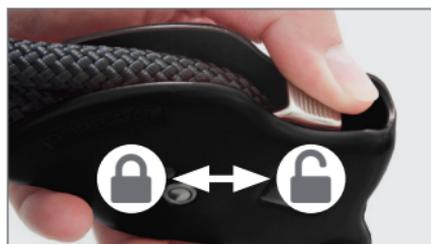
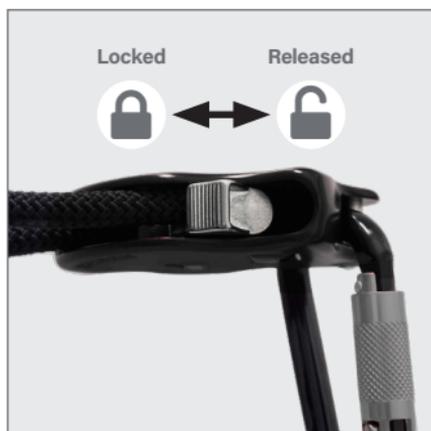
Lifespan

Products consisting of metallic components do not have a fixed lifespan, suitability for use can only be determined by a Competent Person through inspections, scheduled maintenance, pre-use inspections, and will depend on conditions of use and maintenance.

Guardian recommends any textile components or products are replaced after a maximum of five years of use.

Devices used in arduous environments e.g. demolition, steel construction, salt laden atmospheres etc. may have a reduced service life.

Diagram B - Operation



Inspection

A pre-use inspection must be conducted before each use, but need not be recorded. If the equipment is stored, used and maintained in the correct conditions as described in this manual, a thorough inspection by competent person every 12 months or 3 months if kept in offshore or corrosive environments must be conducted and recorded in the inspection log.

See Inspection Log on page 10

More frequent thorough inspections are recommended depending on conditions of use, storage and maintenance. If the equipment fails inspection it must be removed from service immediately and must be safely discarded. In addition local regulations in regard to inspection must be followed.

Thorough inspections MUST be recorded in inspection log in instruction manual and on equipment inspection grid label if applicable. 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 equipment has been subjected to. Ensure that equipment certification is current before use, this equipment must only be repaired by a competent person authorized by the manufacturer. Separate inspection logs must be used for each lanyard. All inspection records must be made visible and available to all users at all times.

During inspection, consider all applications and hazards the equipment has been subjected to. Ensure that equipment certification is current before use, this equipment must only be repaired by a competent person authorized by the manufacturer.

User must inspect prior to EACH use, if equipment fails inspection it must be immediately removed from service and safely discarded or repaired.

Pre-use/Thorough Inspection:

- **Device**
Check the user instruction markings/ labeling are clear and legible. Main body must be intact and shows no signs of deficiencies such as those listed previously.
 - **Lifeline**
Inspect the entire length of lifeline for cuts abrasions and wear marks. Ensure that the webbing/rope (if applicable) is free from cuts, abrasion, excessive heating/soiling, wear marks, broken stitching, fraying and reinforcement (if applicable) is present.
 - **Function Test**
Ensure the release lever operates smoothly and automatically returns to the locked position. Check the release lever allows rope to pass through when in the unlocked position and holds the rope securely when in the locked position.
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Guardian Fall Protection
607 East Sam Houston Parkway South, Suite 800
Pasadena, TX 77503 USA

1-800-466-6385
customer.service@puresafetygroup.com

guardianfall.com