USER INSTRUCTION MANUAL

MODEL: 96424, 96426, 97027

DESCRIPTION: POSITIONING LANYARDS

ULTRA-SAFE INC.
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PHOENIX, AZ USA
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MODEL:_____

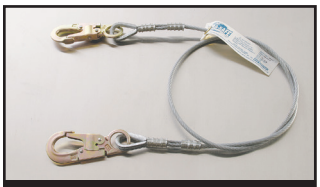
SIZE:_____

DATE:_____

STANDARDS

ANSI Z359.3-2019

OSHA 1926.502, 1910.66



Positioning/PVC fall restraint, Hook and Hook. 5,000 lbs MBL

Positioning nylon web lanyard w/ double locking snaps on ends 5,000lbs MBL

Tribar Yoke Assembly 1 3/4" x 30"

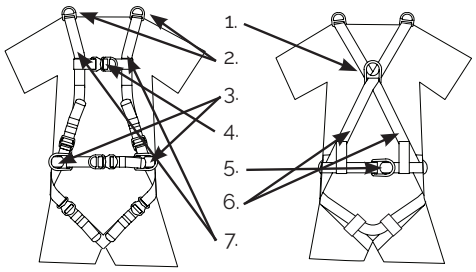
Anchorage: The anchorage to which this product is attached must be capable of sustaining a static load in the direction applied by the personal fall arrest system of at least 3600 lbs. with certification of a qualified person or 5000 lbs. without certification. When more than one personal fall arrest system is attached to the same structure, the strength requirements stated above must be multiplied by the number of personal arrest systems attached to the structure.

Plan your personal fall protection system. Before installing and using this equipment, consider all factors affecting your safety during use of this equipment.

Warning: manufacturer's instructions supplied with this product at time of shipment must be followed. Failure to do so could result in serious injury or death. Contact manufacturer if instructions are needed.

- Warnings and instructions must be read and understood before using equipment.
- Equipment must be used by trained personnel only.
- Users must understand all OSHA regulations, ANSI standards, and other relevant regulations and standards pertaining to fall protection equipment.

THE FOLLOWING IS RECOMMENDED AS PART OF A FALL ARREST SYSTEM



1. Back 'D' ring is for fall arrest
2. Shoulder 'D' rings. (if present) are for retrieval use only use locking snaps.
3. Side 'D' rings (if present) are for positioning only.
4. Front 'D' ring (if present) is for fall arrest (foot first falls only, 2 ft. max free fall), work positioning, travel restraint/rescue
5. Hip attachment elements are for work positioning or travel restraint
6. Visual load indicator
7. Park lanyard here

Full Body Harness Material: Nylon

Restraint: The lanyard is used to prevent the user from reaching a hazard, such as leading edge work. No vertical free fall is possible.

- Use energy absorbers or retractable lanyards when hazard of free fall can occur.
- The structure to which the anchorage connector is attached must sustain static loads applied in the directions permitted by the fall arrest system of at least: 3,600 lbs. with a qualified individual with certificate, or 5,000 lbs. with a competent individual without certification. Always work directly under anchorage to avoid a swing fall injury.
- Anchorage and tie off points must be at a height that will not allow a lower level to be struck should a fall occur. Do not allow product to contact sharp or abrasive surfaces, sparks or temperatures above 180° for synthetic or 400° for wire rope.
- Snap hooks with gate openings larger than one inch (1") must not be connected.
- Remove from service if any damage is detected.

AFTER A FALL: Components which have been subjected to the forces of arresting a fall must be removed from service and destroyed.

NOTE: Retractable horizontal lifelines can be repaired and recertified by Ultra-Safe, Inc or an authorized repair station only.

RESCUE PLAN: When using this equipment, the employer must have a rescue plan and the means at hand to implement the rescue, as well as communicate that plan to users, authorized persons, and rescuers.

COMPATIBILITY OF CONNECTORS: ***Important!***
Use only connectors that are suitable to each application and are compatible with connecting elements.

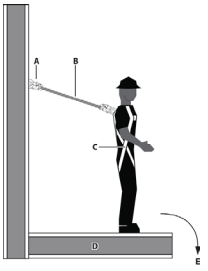
- Connectors must be compatible with the anchorage or other system components.
- Connectors must be compatible in size, shape, and strength.
- Non-compatible connectors may unintentionally disengage.

NOTE: 96424, 96426 and 96504 are for positioning or fall restraint only.

NOTE: No more than one personnel can use a single anchor tie-off.

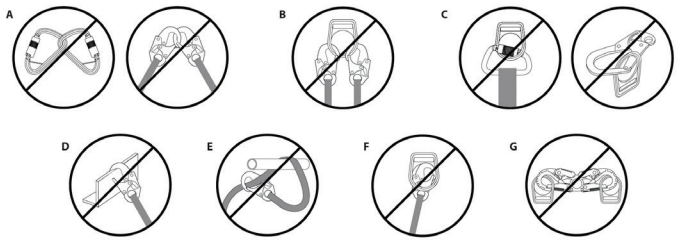
Purpose: The Restraint Lanyard is intended for use on platforms, in aerial lifts and other areas to prevent personnel from reaching a fall hazard. Restraint systems are typically composed of a lanyard and a Full Body Harness (FBH), or a restraint belt.

Restraint



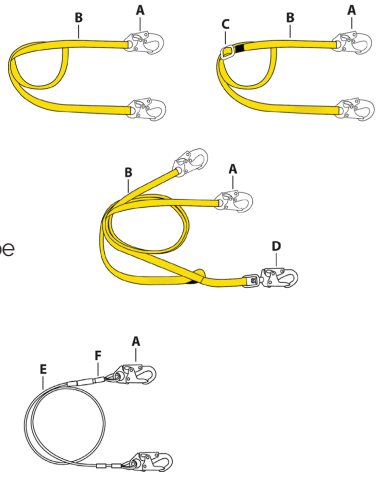
A. Restraint Anchor
B. Restraint Lanyard
C. Full Body Harness (FBH)
D. Walking/Working Surface
E. Fall Hazard Area

Incorrect Connections



A. Never connect two active components (snap hooks or carabiners) to each other.
B. Never connect two active components (snap hooks or carabiners) to a single D-ring at the same time.
C. Never connect in a way that would produce a condition of loading on the gate.
D. Never attach to a object in a manner whereby the gate (of the snap hook or carabiner) would be prevented from fully closing and locking. Always guard against false connections by visually inspecting for closure and lock.
E. Never attach explicitly to a constituent subcomponent (webbing, cable or rope) unless specifically provided for by the manufacturer's instructions for both subcomponents (snap hook or carabiner and webbing, cable or rope).
F. Never attach in a manner where an element of the connector (gate or release lever) may become caught on the anchor thereby producing additional risk of false engagement.
G. Never attach a spreader snap hook to two side/positioning D-rings in a manner whereby the D-rings will engage the gates; the gates on a spreader must always be facing away from the D-rings during work positioning.

About Restraint Lanyards

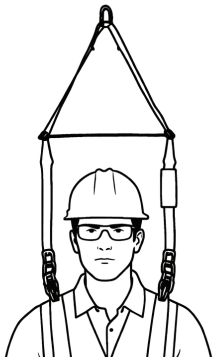


A. Alloy Steel Snap Hook
B. 1" Polyester Webbing
C. Adjuster Buckle
D. Swivel Snap Hook
E. 1/4" Galvanized Wire Rope
F. Dual Aluminum Ferrules
G. 5/8" 3-strand Polyester Rope
H. Carbon Steel Thimble

Purpose: Work positioning lanyards and devices are to be used as components of a work positioning system. These lanyards and devices hold and offer support to the user, positioning them for work at height.

Positioning Device

Connect one end of the work positioning lanyard to the lateral D-ring on the support belt of the wearer's harness on one side. Wrap the lanyard around the anchor structure in front of the wearer (could be a pole or a pillar), taking care that the lanyard does not come in contact with any sharp edges. Connect the other end of the lanyard with its connector to the lateral D-ring on the support belt of the harness on the opposite side.



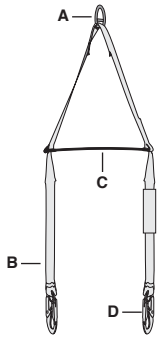
How to Use Work Positioning Device

Connect the connectors on the two legs of the device, one to each of the lateral D-rings on the support belt of the harness. Now anchor the rebar hook in the center to the rebar structure in the front.

How to Use Retrieval Lanyard with Spreader Bar for Rescue in Confined Space

Attach the hooks of the Retrieval Lanyard w/ Spreader Bar with the shoulder loops present on the full body harness of the victim. Once the hooks are attached perfectly with the shoulder loops, D-Ring present on straps above the spreader bar can be used to rescue the victim by connecting it with Confined Space Rescue System.

About Spreader Bars



A. D-Ring
B. Polyester Webbing
C. Spreader Bar
D. Steel Snap Hook

DO NOT:

- Attach multiple snap hooks or carabiners to an anchorage.
- Attach snap hooks or carabiners in a manner that may result in the gate being loaded.
- Allow a false engagement, where features that protrude from the snap hook or carabiner catch on the anchor.
- Attach snap hooks or carabiners to each other.
- Attach snap hooks or carabiners to webbing or rope lanyard or tie-back (unless the manufacturer's instructions for both the lanyard and connector specifically allows a connection).
- Attach snap hooks or carabiners to any object which is shaped or dimensioned such that the snap hook or carabiner will not close and lock, or that roll-out could occur.

Contact Ultra-Safe, Inc if you have any questions about the application of this equipment in areas where physical or environmental hazards are present. This equipment is intended to be installed and used by persons who have been properly trained in its correct application and use.

INSTALLATION AND OPERATION

NOTE: Take caution on steep slopes or any surface where a fall hazard may exist.

Inspect This Equipment: Inspect this equipment thoroughly before each use according to the instructions in Section 7 of this manual.

Review the Task: Take note of fall hazards and potential fall hazards, obstructions, and anchorages.

Attach to Body Wear: Use the harness or restraint belt in accordance with the harness manufacturer's instructions. Attach the hook at the label end of the lanyard to an approved D-ring on the FBH or restraint belt. Visually ensure the snap hook closes and locks properly. Attach the other end of the lanyard to an approved restraint anchorage.

Y-leg lanyard: With the attachment hook properly attached to the body wear, attach one leg of the Y-leg lanyard to the approved anchorage. Connect the other leg to the parking element on the FBH to safely store it. Consult harness instructions if necessary.

Y-leg 100% Tie-Off: To accomplish 100% tie-off, attach one leg of the Y-leg lanyard to an approved anchorage point (A). Move to another location. Attach the other leg to another anchorage (B). Disconnect from anchorage (A), and store the leg on the park element on the FBH. Move to the next anchorage point, and connect the idle leg to the next anchorage. (C) Repeat as necessary.

Be aware of the following:

- **DO NOT** connect more than one person at a time to the Y-Leg system
- **DO NOT** allow the Lanyard legs to become tangled or twisted together.
- **DO NOT** allow any lanyard to pass under arms or between legs during use.
- **DO NOT** loop the lanyard around small diameter structures and tie-back to the lanyard

SPECIFICATIONS

Capacity: The max capacity of the lanyards is 425 lbs. (193 kg).

NOTE: To maintain ANSI Z359 compliance, limit total user weight to no more than 310 lbs., (140.6 kg).

MAINTENANCE, SERVICE AND STORAGE

Clean the polyester lanyard with a warm water and mild detergent solution. Wipe the wire rope lanyard with a clean dry cloth.

- **DO NOT** use bleach or bleach solutions. Dry hardware with a clean, dry cloth, and hang to air dry.
- **DO NOT** use a power washer or dry with heat in a laundry dryer.
- **DO NOT** attempt to disassemble the unit. A buildup of dirt, solvents, paint, etc. may prevent the lanyard from working properly, and in severe cases degrade the webbing. If you have questions concerning the condition of your lanyard, remove it from service and contact Ultra-Safe, Inc.

Store lanyards in a cool, dry, clean environment out of direct sunlight. Avoid areas where heat, oil, chemicals or their vapors may exist. Thoroughly inspect the lanyard after extended storage.

INSPECTION

Mandatory Inspection: ANSI Z359 requires that fall protection equipment be inspected by a competent person other than the user at least once every six months. Harsh conditions may accelerate wear and corrosion and require more frequent inspections.

Inspection Procedure: Inspect all webbing (straps) and stitching for:

1. cuts and fraying
2. pulled or broken threads
3. abrasion
4. excessive wear
5. burns, heat and chemical degradation

Broken stitches or separation of webbing inside the lanyard could indicate that the lanyard is damaged and must be removed from service.

Inspect all metallic hardware (snap hooks, carabiners, rebar hooks, adjuster buckles, etc.) for:

1. deformation
2. fractures, cracks, pitting
3. corrosion
4. burrs, sharp edges, cuts, deep nicks
5. missing or loose parts
6. improper function
7. evidence of excessive heat, chemical, or electrical exposures

Ensure snap hook gates close and lock. All labels should be present and fully legible. Punch or mark the inspection label. Record the results of the inspection on the Inspection Record. If inspection reveals a defective condition or improper maintenance, remove the unit from service immediately.

WARNING!

This product is part of a personal fall arrest system. The user must read and follow the manufacturer's instructions for each component of the system. These instructions must be provided to the user of this product. The user must read and understand these instructions before using this product. Manufacturer's instructions must be followed for proper use and maintenance of this product. Alteration or misuse of this product, or failure to follow instructions may result in serious injury or death.

IMPORTANT NOTE: OSHA specifies that all employers covered by the Occupational Safety and Health Act are responsible for inspection and maintenance of all tools and equipment used by employees, whether owned by the employees or by the company. All Ultra-Safe equipment should be inspected before each use, and immediately removed from service if equipment does not pass inspection.

WARNING: Do not alter or intentionally misuse this equipment. Consult Ultra-Safe, Inc. when using this equipment in combination with components or subsystems other than those described in this manual. Some subsystem and component combinations may interfere with the operation of this equipment. Use caution when using this equipment around moving machinery, electrical hazards, chemical hazards, sharp edges, or overhead materials that may fall onto the lanyard. Do not loop the lanyard around small structural members. Failure to heed this warning may result in equipment malfunction, serious injury, or death. Any repair must be performed by Ultra-Safe, Inc or an authorized repair station only.

EXAMPLE OF TAGS

ULTRA-SAFE INC.

MANUFACTURED BY ULTRASAFE, INC. USA

Manufacturered in U.S. A.

⚠WARNING!

A FALL COULD RESULT IN SERIOUS INJURY OR DEATH. DO NOT USE UNLESS PROPERLY TRAINED

INSPECT BEFORE USING!

DO NOT REMOVE TAG!!!

ORDER# 553024-001

INSPECTOR	TEAM-1
MODEL	96590D-6
SIZE	6'
DATE	9-06-22

MEETS OSHA & ANSI

ANSI Z359.3-2019

OSHA 1926.502, 1910.66

CAPACITY 400 LBS M.B.L. 5000 LBS

⚠ CAUTION SIDE & SHOULDER D-RING NOT FOR FALL ARREST. FOR MORE INFORMATION CONTACT MANUFACTURER

SERIAL NO.

P 259193

Date	Initials

INSPECTION CHART

MATERIAL: NYLON

THIS PRODUCT IS FOR POSITIONING, FALL RESTRAINT OR ANCHORAGE.
- USE ENERGY ABSORBER OR RETRACTABLE LANYARDS WHEN HAZARD OF FREE FALL CAN OCCUR.
- CONNECTORS AND ANCHORAGE POINTS MUST BE COMPATIBLE AND ABLE TO SUPPORT 5,000 LBS. ALWAYS WORK DIRECTLY UNDER ANCHORAGE TO AVOID A SWING FALL INJURY.

MANUFACTURERED IN THE U.S.A.
- ANCHORAGE AND TIE-OFF POINTS MUST BE AT A HEIGHT THAT WILL NOT ALLOW A LOWER LEVEL TO BE STRUCK SHOULD A FALL OCCUR.
- DO NOT ALLOW PRODUCT TO CONTACT TEMPERATURES ABOVE 180 DEGREES.
- SNAPHOOKS WITH GATE OPENINGS LARGER THAN ONE INCH (1") MUST NOT BE CONNECTED TO D-RINGS ON HARNESS AND BELTS.
- REMOVE FROM SERVICE IF ANY DAMAGE IS DETECTED.

WARNING

MANUFACTURER'S INSTRUCTIONS SUPPLIED WITH THIS PRODUCT AT TIME OF SHIPMENT MUST BE FOLLOWED. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND/OR DEATH. CONTACT MANUFACTURER IF INSTRUCTIONS ARE NEEDED. DO NOT EXPOSE TO CHEMICALS AND CORROSIVES WHICH WOULD WEAKEN PARTS. CONSULT MANUFACTURER IF IN DOUBT.

INSPECTION AND MAINTENANCE LOG

Serial Number:	
Model Number:	
Date Purchased:	**Date of First Use:**

Inspection Date	Inspection Items Noted	Corrective Action	Maintenance Performed
Approved By:			
Approved By:			
Approved By:			
Approved By:			
Approved By:			
Approved By:			