

Limited Warranty

Yates Gear Inc. warrants for one year from the purchase date and only to the original retail buyer that our products are free from defects in material and workmanship. If the buyer discovers a warranty related defect, the buyer should return the product to Yates Gear Inc. Yates Gear Inc. reserves the option to repair or replace any product returned under warranty. That is the extent of our liability under this warranty and, upon the expiration of the applicable warranty period, all such liability shall terminate.

Warranty Exclusions

Yates Gear Inc. does not warrant products against normal wear and tear, unauthorized modification or alteration, improper use, improper maintenance, accident, misuse, negligence, damage, or if the product is used for a purpose for which it was not designed. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Except as expressly stated in this warranty, Yates Gear Inc. shall not be liable for direct, indirect, incidental, or other types of damages arising out of, or resulting from the use of the product.

Warning

Products manufactured by Yates Gear Inc. are intended for use by professionals trained and experienced in the use, inspection, and maintenance of these products. Many products which Yates manufactures are used in high angle environments which pose a very substantial risk of serious injury or death. You must read and understand all of the manufacturer's instructions before use. Any person purchasing this equipment assumes the responsibility for seeking proper training in its use. Purchaser also assumes all risk for any injury or damage sustained while using any of this equipment. Failure to follow these warnings increases the risk of injury and death.

Keep this user instructions/information sheet as a permanent record after it is separated from the harness/belt, and make a copy to be kept with the harness/belt.

It is suggested that the user refer to this user information sheet before and after each use of the harness/belt.

Do not alter or intentionally misuse this harness in any way. Any alterations or repairs to this harness should be conducted by the manufacturer only.

Use caution when using this equipment around moving machinery, electrical hazards, sharp edges, chemical hazards and high heat environment or flame. Carry the harness/belt where it will be protected as the harness/belt could melt or burn and fail if exposed to flame or high temperature.

This sheet has been prepared in accordance with the requirements of NFPA 2500/2022 edition.

If you have any questions concerning the condition of your harness/belt, or have any doubt about putting it into service contact manufacturer.

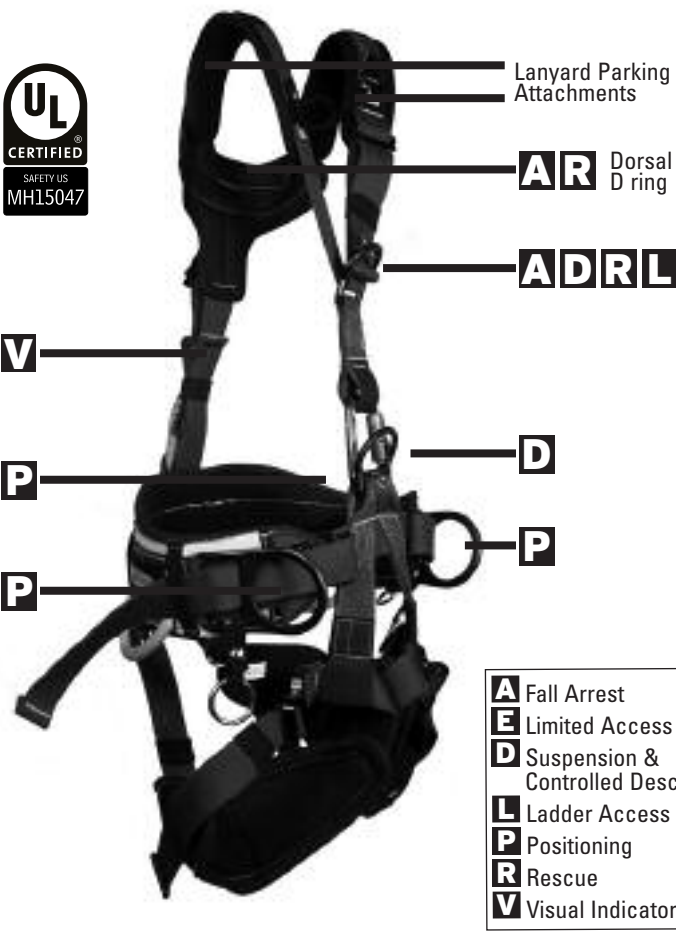
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Rev. 02.2023

390KA/KC Kevlar Tower Harnesses

Yates designed the 390KA/KC Kevlar Tower Construction harness to meet the needs of the worker who specifically needs a harness for welding and heavy grinding applications. Similar to 390FRC harness but made entirely from 100% kevlar webbing. Padding on the harness is covered with CarbonX fire and spark resistant fabric. Cobra quick connect buckles on the waist portion of the harness, an ANSI compliant carabiner to attach chest to seat, and diagonal rear support webbing (390KC only) to distribute the load from chest through shoulders and down to the waist belt over the hips. Chest portion of harness specifically designed with U shape for tower access work and is tailored to reduce chafing of the neck. Specially designed for the professional tower, construction or maintenance worker who needs a harness for suspended applications while welding, torch cutting or grinding. Wide anatomical waist pad for increased comfort and added back support. Modular work/tool pouch system allows the user to customize each harness to their own arrangement. Easily adjustable for variations in clothing by use of camlock and cobra buckles. Attachment points at waist, hips, chest, back (lumbar) and back (dorsal). Extra large side positioning rings (lineman style) allow the user to easily make connections to safety belt. Weight 7 lb. 7 oz.

- Sizes S, M, L, XL, XXL
- Meets ANSI, OSHA 1910 and 1926 full body harness standards
- Contoured shoulder pads included



- A** Fall Arrest
- E** Limited Access
- D** Suspension & Controlled Descent
- L** Ladder Access
- P** Positioning
- R** Rescue
- V** Visual Indicator

390KA 390KC Kevlar Tower Harnesses



Yates PROFESSIONAL™

SIZE:
 S M L XL
 ONE SIZE FITS ALL

GROUP:
 A D E L P

CLASS III FULL BODY HARNESS
 CAPACITY 310 LBS.
 MADE IN USA

DATE IN SERVICE
 YEAR:

J	F	M	A	M	J
J	A	S	O	N	D

INSPECTION LOG

YEAR	QTR	QTR	QTR	QTR

USER IDENTIFICATION
 MARK WITH PERMANENT MARKER

DO NOT REMOVE THIS LABEL

WARNING! DO NOT REMOVE THIS LABEL!

You could be killed or seriously injured if you do not read and understand this label before using harness.

Special fitting and features are included to help you use this harness.

The user is responsible for understanding the intended use of this harness.

You must thoroughly read and understand all manufacturer's instructions before use.

Use and inspect harness only in accordance with the manufacturer's instructions.

Refer to additional manufacturer's instructions furnished with this harness before use.

You can contact the manufacturer at: Yates Gear Inc., 2608 Hartnell Avenue #6, Redding, CA 96002. Phone: 1-800-928-3716 (or important safety information. Do not remove this label! Made in USA.

WARNING! Double-back webbing through buckle as shown leaving a minimum of 3 inches of tail.

UL CERTIFIED SAFETY LISTED MH15047

MEETS THE LIFE SAFETY HARNESS REQUIREMENTS OF THE 2003 EDITION OF NFPA 200, CLASS III HARNESS IS FLAME RESISTANT! DO NOT REMOVE THIS LABEL!

MANUFACTURED BY YATES GEAR, INC.
 MADE IN USA. MATERIAL: KEVLAR

TYPE OF HARNESS: _____
 LOT & DATE OF MFG: _____

CLASS III HARNESS; FITS WAIST SIZE: _____
 CLASS III ONE-PIECE HARNESS; FITS WAIST SIZE: _____

FITS HEIGHT: _____

2608 HARTNELL AVE. #6 REDDING, CA 96002 800-928-3716

CLASS III FULL BODY HARNESS
 CAPACITY 310 LBS. (140 KG)
 MEETS: ANSI/ASSP Z359.11-2021, ANSI Z459.1, _____
 MATERIAL: KEVLAR

ALWAYS USE SELF CLOSING, SELF-LOCKING CONNECTORS FOR CONNECTING TO HARNESS THAT MEETS ANSI Z359.12-2021

FOLLOW LIST BELOW FOR APPROPRIATE CONNECTION TO HARNESS:

A: FALL ARREST
 E: LIMITED ACCESS (IF PRESENT)
 D: SUSPENSION & DESCENT CONTROL
 L: LADDER ACCESS (IF PRESENT)
 P: WORK POSITIONING (IF PRESENT)
 R: RESCUE (IF PRESENT)

SEE INSTRUCTIONS FOR MORE DETAIL.

UL CERTIFIED SAFETY LISTED MH15047

DO NOT REMOVE THIS LABEL

This harness complies with the following:

- ANSI Z359.11 • ANSI Z359.1 • ASTM 1887
- CSA Z259.10 • NFPA 2500 • OSHA 1910/1926

ANSI Z359.11-2021

ANSI Z359 recognizes the use of this harness only within the capacity range of: **130 – 310 pounds.**

390KA/KC Kevlar Tower Harnesses

Designed for use as a full body harness per the requirements set forth in ANSI/ASSP Z359.11-2021 and ANSI/ASSP Z459.1-2021. UL Certified to meet ANSI/ASSP Z359.11-2021 Safety Requirements for Full Body Harnesses..

Usage and Applications

Use only with compatible components (e.g., connectors, lanyards, and energy absorbing lanyards) as part of a complete personal fall protection system. ANSI Z359 and/or CSA Z259 compliant components and systems are recommended. D ring located in the rear between the shoulders (dorsal) as well as sternal D ring should be used for all fall arrest applications. Free fall distance should be minimized for all fall arrest applications. Maximum free fall distance is dictated by type of fall protection lanyard or system utilized. Ensure complete inspection and appropriate verification of fall protection system prior to use.

See supplied information sheet for attachment of chest ascender for rope ascending.

Multiple connectors may be attached to D rings on the harness provided that the connectors are compatible and the integrity of any fall protection system is maintained. Applications requiring multiple connectors to a D ring must be assessed for compatibility by and used under the supervision of a competent person.

Yates Gear permits the attachment of multiple positioning lanyards/straps to the lateral (side) D rings under the supervision of a competent person when the user is utilizing an appropriate fall arrest system.

Maximum capacity of harness is 310 lbs. per ANSI/ASSP Z359.11-2021

Before Use

The techniques employed in the proper and safe use of this equipment may only be learned through *personal* instruction received from an instructor who is well-qualified in all phases of work at height. Such instruction will include an evaluation of your comprehension of, and ability to perform, the tasks required to safely and efficiently use this equipment. Never attempt use until you have received such instruction and are believed competent by your instructor.

Donning and Fitting the Harness

First inspect entire harness: see section Maintenance, Service, Storage

Step 1: Locate black rear fall arrest D ring located on rear of harness. Hold harness up by this D ring and ensure that the straps are not twisted.

Step 2: Loosen all adjuster buckles by lifting up on side tabs located on front of buckle. Adjuster buckles are located on front of harness at waist, on leg of harness and on right shoulder. Loosen shoulder completely.

Step 3: Step into waist belt and through appropriate leg loops of harness allowing chest portion of harness to hang on your left side. Tighten waist portion of harness to be snug.

Step 4: Pull right shoulder strap over head and tighten. Chest screw link may remain closed and secured while donning. **Ensure chest screw link is securely tightened before use.** Large D ring should be located on your back between shoulder blades.

Step 5: Ensure straps are not twisted and hang freely. Black chest D ring will be positioned in front. Adjust all buckles to be snug starting with waist, then leg straps, position rear dorsal D ring between shoulder blades, and then snug chest strap. Snug rear leg riser straps. Secure all webbing ends in elastic keepers.

Sharp Edges

Avoid working where the harness will be in contact with, or abrade against, unprotected or sharp edges. If working with this equipment near sharp edges is unavoidable, protection against cutting should be provided by using a heavy pad or other means over the exposed edge.

After a Fall

Harnesses which have been subject to the forces involved in arresting a fall must be removed from service.

Maintenance, Service, Storage

Before each use, inspect this harness to ensure that it is in a serviceable condition. Check for worn or damaged parts. Ensure all hardware (D rings, buckles, etc.) is present. Inspect to ensure that all buckles work properly and that they do not have any sharp edges, burrs, cracks or corrosion. Inspect webbing for wear, cuts, burns, frayed edges or other damage. Inspect all stitching for abrasion, discoloration and wear to ensure integrity. Store harness in a cool, dry, clean environment out of direct sunlight. Thoroughly inspect harness after any period of extended storage. Do not expose harness to flame or high temperature environments or excessive UV light. Avoid contact with any corrosive or caustic chemical agents such as acids, bases, or petroleum products. Discontinue use of product if it has come in contact with any of the above listed or any suspect chemical agents. Avoid storage and use of harness in areas where chemical vapors may exist. Discontinue use of harness and remove from service if inspection reveals an unsafe condition.

- ***This product has a life span of 10 years from time of production, must be properly maintained and must pass all inspection criteria.***
- ***Harnesses used for HEC operations must be maintained in a minimum of good condition.***

Cleaning

Clean harness with warm water in a mild detergent solution. Wipe off hardware with clean, dry, cloth and hang to air dry. Do not force dry with heat.

Additional Information

Additional information regarding life safety harnesses can be found in NFPA 1500 and NFPA 1858 and NFPA 1983, incorporated in the 2022 edition of this standard.

ANSI/ASSP Z359.11 Safety Requirements for Full Body Harnesses and applicable regulations governing occupational safety.

Records

The user of this harness should keep a permanent record of the periodic inspections. Such record should show, as a minimum, inspection criteria as written in this document.

Use of this User Information Sheet

This user information sheet should be provided to and referenced by the user before use. Once separated from the harness, it should be retained and available to the user for the lifetime of the harness.

WARNING!

No manufacturer can predict every potential hazard that exists with the use of any particular equipment. Yates Gear is not responsible for the mis-use of equipment or the negligence of end users. Training from competent, qualified trainers proven to be knowledgeable in its use is required prior to the use of this product.

- ***You could be killed or seriously injured if you do not read and understand the user information before using this equipment.***
- ***This product is part of a personal protective, rescue or work support system.***
- ***Special training and knowledge are required to use this equipment.***
- ***You must thoroughly read and understand all manufacturer's instructions before use.***
- ***You must read and follow the manufacturer's instructions for this product and each component of the complete system.***

Camlock Buckle System ①

Tighten the buckle by pulling on the free end of the webbing. Secure the free end of the webbing with the elastic keeper.

The buckle will adjust easier when tightening if the buckle is opened slightly by lifting on the tabs located on the side of the buckle while securing. To loosen the buckle, lift on the tabs located on the side of the buckle until the buckle is past vertical.



Cobra Buckle System A and B above right

To secure Cobra buckle insert adjuster female end into non-adjuster male end of buckle. Insure buckle clicks. Pull free end of webbing on female adjuster side to adjust to desired fit.

To disconnect Cobra buckle, press both ears located in center of buckle simultaneously.

WARNING: Keep buckle free of excessive dirt or dust. Buckle mechanism can be cleaned with compressed air or washed out with warm water and then blown dry with compressed air. Do not apply any oil or lubricant to buckle mechanism as this will attract dirt and dust and could make the buckle malfunction.



undeployed

deployed

WARNING!

This harness is equipped with a visual indicator (fall arrest indicator) and label located just below the rear dorsal D-ring on the inside of the webbing that connects the rear of the chest to the rear of the seat portions of the harness. The label reads REMOVE FROM SERVICE! If this label is present after a fall occurs, this harness must be immediately removed and retired from service.

WARNING!

- ***Use and inspect this equipment only in accordance with these instructions.***
- ***You are responsible for understanding the intended use of this harness, and the intended application and use of each of the multiple attachment points located on this harness.***
- ***Only make compatible connections.***
- ***Avoid sharp edges and abrasive surfaces.***
- ***Ensure all fall protection systems incorporate appropriate anchorages.***
- ***Do not alter this equipment in any way.***
- ***Do not misuse this equipment in any way.***
- ***Do not expose this equipment to harmful chemicals.***

- ***Do not use this equipment around moving machinery, electrical hazards, sharp edges, or abrasive surfaces without competent analysis that the user is protected from potential harm.***
- ***Never use combinations of components and subsystems that may affect or interfere with the safe function of this equipment.***
- ***The user of this equipment should formulate a rescue plan and the means at hand to implement it when using this equipment.***
- ***These manufacturer's instructions must be provided to the end user of this harness.***
- ***User must include harness stretch (6 inches), D ring/connector length and articulation, settling of the user's body and all other contributing elements in all clearance requirement calculations.***

Yates Gear Inc. 2608 Hartnell Ave. Suite 6, Redding, CA. 96002

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