

911 Yates Cave Rescue Spec Pak

Modified version of Spec Pac system specifically designed for cave and mine rescue operations. Lifting bridle is included (Spec Pak will not function in all lifting modes without the use of the lifting bridle).

Patient packaging and extrication system combines the backboard immobilization of a short board with the suspension and support of a full body harness. The Cave Rescue Spec Pak system utilizes 40 oz. urethane haul bag material sewn on the entire back and butt of the Spec Pak to reduce wear and create a smooth, low profile sliding surface. Hard backboard portion of the Spec Pak can be easily removed for situations that dictate extremely small profile patient packaging. Cave Rescue Spec Pak utilizes new Cobra D ring adjuster buckles at chest position with built in D ring attachments allowing for attachment of Yates bridle systems. Grab handles located at the head and sides allow rescuers to better handle the patient during movement through tight spaces. Extremely useful for any cave rescue operation where a vertical environment may be encountered. In addition, the Spec Pak system is a lifting harness, thus eliminating the need for a separate victim harness. Unique self adjusting (sliding) cervical restraint eliminates the problems associated with lifting patients vertically while secured to a rigid backboard.

Spec Pak is only intended as a limited spinal immobilization system. It must be used in conjunction with proper spinal immobilization such as the use of a cervical collar where conditions and protocols dictate. Designed by Yates Professional. Weight 14 lbs.

Note: lifting bridle is recommended for use in most extended lifting operations. The upper D ring attachment should only be used for short duration lifts of 5 to 7 minutes.

- Meets ANSI/OSHA Class III harness standards. Spec Pac has a 400 lb. WLL/SWL 1.77kN
- Dorsal D ring attachment is made of forged steel
- D ring portion of shoulder adjuster buckles is made of stainless steel
- Storage bag provided equipped with shoulder strap for carrying and top connection point for lowering without patient in the device
- Available in standard red/blue/orange color
- Combat Medical Systems XCollar universal one size adjustable cervical collar included
- DynaMed style forehead and chin restraint straps included
- Comes with two sets of forehead and chin restraint straps, one set is 2 inch wide velcro and one set is vinyl coated nylon and foam which is easily decontaminated
- Replacement restraint straps sold individually



XCollar



Forehead and Chinstrap



Handcuffs



911

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Users of this product shall have thorough training in its use by a competent trainer. Users should also watch the training videos available at <http://yatesgear.com/en/900903-yates-spec-pak>

It is recommended that standard or spreader bar lifting bridle be used for all lifting operations when ever possible. If lifting bridle is not utilized and the victim is lifted by the upper D ring the maximum time the victim is in the Spec Pak should be limited to 5-10 minutes.



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Designed for use as a Type III full body harness per the requirements set forth in ANSI Z359.1-2007.

Usage and Applications

The Spec Pak is designed to be utilized as a rescue device to extricate and move casualties in a supine, sitting, or vertical orientation in vertical or horizontal environments. In addition it can be used as a vehicle extrication device.

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 vertical rope work. 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 its use until you have received such instruction and are believed competent by your instructor.

Application of the Harness

Step 1: Remove Spec Pak from outer bag.

Step 2: Quickly inspect Spec Pak following inspection criteria provided in this document.

Step 3: Lay Spec Pak out with sliding head block near victim's head. Leg straps should be oriented to victim's legs.

Step 4: Open velcro head straps on sliding head block.

Step 5: Maintaining spinal immobilization, rotate victim onto side.

Step 6: Place Spec Pak against the back of the victim.

Step 7: Continuing to maintain spinal immobilization, rotate victim flat onto back.

Step 8: Ensure all straps are out from under victim and lay out to prepare to secure.

Step 9: Ensure victims waist is positioned at red internal waist belt strap, secure and snug up waist belt strap.

Step 10: Buckle and secure leg straps.

Step 11: Buckle and secure chest straps.

Step 12: Secure head with velcro head straps. If intent is to lift vertically, do not utilize the lower (chin) velcro strap.

Note: Semi vertical lifting from chest D rings is the recommended method of lifting in most situations. Lifting from the main D ring behind the head should only be used for short duration lifting because of possible suspension syndrome and groin pain.

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.

Roll Out

When using a hook to connect to an anchor or when coupling components of a system together, be certain accidental disengagement (roll out) cannot occur. Roll out occurs when a hook is snapped into an undersized ring or non-compatible shaped connector (D ring) causing the hook's gate or keeper to accidentally open and release. Self-locking snap hooks or self-locking and self-closing gate carabiners should be used to reduce the possibility of roll out. Do not attach two snap hooks onto one D ring.

After a Fall

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

Maintenance, Service, Storage

Before and after 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.) are 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. Thoroughly inspect harness after any period of extended storage. Store harness in a cool, dry, clean environment out of direct sunlight. Do not expose harness to flame or high temperature environments. 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.

Inspection

(minimum once per year, after each use, and prior to each use):

- Labels in place and filled out
- Check all stitching
- No cuts, tears, burns, chemical marks on webbing
- All metal buckles clean and functional
- Integrated spineboard intact
- Exterior skid plate intact
- Skid plate bolts in place and secured

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 this type of equipment can be found in the following publications:

ANSI Z359.1 Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components

Records

It is suggested that the user of this harness keep a permanent record listing the date and results of each usage inspection. Such record should show, as a minimum, inspection criteria as written in section Maintenance, Service, Storage.

Use of this User Information Sheet

It is suggested that this user information sheet be retained in a permanent record after it is separated from the harness/belt, and that a copy of it 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.

WARNING!

- ***This product is part of a personal protective or rescue system.***
- ***You must read and follow the manufacturer's instructions for this product and each component of the complete system.***
- ***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.***
- ***You could be killed or seriously injured if you do not read and understand the user information before using this piece of equipment.***
- ***The user of this equipment should formulate a rescue plan and the means at hand to implement it when using this equipment.***
- ***Special training and knowledge are required to use this equipment.***
- ***Use and inspect this equipment only in accordance with these instructions.***

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.

- Bulky garments of any type should be removed from the victim if possible prior to securing in the Spec Pak.
- If the victim has on an existing full body harness, remove it if possible before securing in the Spec Pak for the vertical lifting operation.
- If lifting a victim by the top lifting D ring or using the lifting bridle in a vertical position secure the victim's head to the sliding head restraint portion of the Spec Pac with one of the straps around forehead or around helmet. Use of chin strap unless C-spine protocol is dictated is not necessary as standard operating procedure.
- Ensure that leg straps are the first portion of the Spec Pac to be tightened and secured. They should be tightened very securely. Insure that the chest cross straps are not overly tightened to the point that the victim's breathing is compromised.
- Use of this product by unqualified users can cause serious injuries. Only qualified persons shall be authorized to use this product following these manufacturers guidelines..
- Victims shall not be kept hanging in vertical position for prolonged periods of time (greater than 10 minutes).
- Local protocols override any information presented in this manual.
- Training is required before using this product. Reading and understanding this manual is required before using this product.
- Recurrent training is required to continually use this product.
- User assumes all responsibility in the use of the Spec Pak.
- User assumes all responsibility of maintenance, upkeep, and inspection.
- Please refer any questions to your Yates dealer or contact Yates Gear directly at 800-928-3716.
- This product has a life span of 10 years from time of production.
- This product has a maximum life span of 5 years with regular use.
- Any failure of this product to meet full inspection criteria requires retirement or return to manufacturer for inspection or repair.
- Inspect after each use and at a minimum of once per year if unused.
- If product is subjected to a shock load, it must be retired.
- If product is exposed to unknown chemicals, extreme temperatures, strong acids, it must be retired.
- Product must be properly stored and maintained throughout the life of product.

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.

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.

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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