

BUCKINGHAM MFG.

INSTRUCTIONS

BuckStep Suspension Trauma Rescue System

Single Strap Type - PN 105RS / 105RSK1 Series, Harness Option 'R4', 'R5', and 'R6'
And Dual Strap Type - Harness Option 'R8', and 'R9'

NOTES:

- 105RS / 105RSK1 Series are available individually and intended to be half-hitched to the harness.
- Option 'R4' is half-hitched to the harness.
- Options 'R5' and 'R6' units are permanently attached to the left side of the harness.
- Options 'R8' & 'R9' are permanently attached to the harness.
- Pack styles, material types & colors may vary from that shown below.

Read and understand all labels, instructions and warnings attached to and packed with this product.

The BuckStep, when attached to a full body harness and properly used, is designed to extend the allowable suspension time for a user who has experienced a fall from a height.

ATTACHMENT: PN 105RS / 105RSK1 & Harness Option 'R4'

The BuckStep is to be mounted on the harness just above the intersection of the upper and lower sections (shoulder and leg strap). Ensure that the opening in the containment pack is facing up (fig. 1). The BuckStep is designed for use by either a right or left handed user. (Based upon user preference, the unit can be mounted on either side).

1. To attach, slide the looped strap extending out of the containment pack, behind the shoulder strap (above the intersection of the upper and lower section) (fig. 2).
2. Slide the containment pack through the opening of the looped strap forming a girth hitch and cinch it snugly to the harness (fig. 3a & 3b).
Note: The containment pack is not connected to the trauma relief strap, when cinching the girth hitch loop, you may accidentally pull the strap from the containment pack, if this happens simply reinsert the strap into the containment pack.

3. Align the containment pack parallel to the outer harness strap (fig. 4).
4. Wrap the strap with fasteners of the containment pack around the outer harness strap at the intersection of the harness upper and lower sections and connect the fasteners to hold the pack in place (fig. 5).
5. When attached, the containment pack should appear as shown in fig. 6 with the opening of the containment pack facing up and towards your chest.

fig. 1



Intersection of the harness upper and lower sections

Facing up

fig. 2



fig. 3a



fig. 3b



fig. 4



fig. 5



fig. 6

- OVER -

ADJUSTMENT: PN 105RS / 105RSK1 & Harness Options 'R4', 'R5', & 'R6'

It will be necessary to adjust the length of the BuckStep before it can be used. It is therefore recommended the adjustment is completed before donning the harness.

1. Pull carabiner and strap from the containment pack (fig. 8).
2. Attach carabiner of BuckStep to opposite side of harness as shown in figs. 9-11.
3. Adjust the BuckStep webbing through friction buckle until the bottom of the loop is approximately 5" to 6" from the ground (fig. 7).
4. Once properly adjusted, re-pack the BuckStep into the containment pack so it is ready for use when needed.

fig. 7



USE:

1. When in the suspended position due to a fall, open the containment pack and deploy the carabiner and all webbing (fig. 8).
2. Connect the carabiner end of the BuckStep to the opposite side of the harness as follows:
 - Slide the carabiner and webbing between your body and the inside of the upper harness shoulder strap section (just above the intersection of the upper and lower sections) (fig. 9)
 - Loop the carabiner around the harness strap section (fig. 10).
 - Connect the carabiner back onto the BuckStep webbing and push the strap and carabiner all the way down to the intersection of the upper and lower harness sections. Confirm the carabiner is engaged and fully closed (fig. 11).
3. Step into the loop formed by the BuckStep one foot at a time. Placing both feet into the loop will aid in reducing pressure from the harness leg straps (fig 12). Re-adjust the webbing as needed to obtain the most comfortable position.



fig. 8



fig. 9



fig. 10



fig. 11



fig. 12

Harness Options 'R8', & 'R9'

These Harness Options consist of two-piece straps that are permanently mounted on the harness. Each strap is stored in a containment pack attached at the intersections of the upper and lower harness sections (shoulder and leg strap) on each side of the harness (see fig.1 for location of containment pack). Both straps have length adjustment buckles; one terminates with a carabiner and the other with an eye (fig. 13). Connecting the straps together with the carabiner and eye will create a loop (BuckStep) (fig. 14). Note: The carabiner and eye connection will be on the left side of the harness.

ADJUSTMENT:

Prior to use, adjust the length of the BuckStep as indicated below:

1. Open each containment pack and pull out its entire length of strap.
2. Ensure there are no twists in the straps and connect the carabiner attached to one strap to the eye of the other strap (fig. 13 & 14).
3. Adjust each strap separately through the friction buckles so that a loop is formed 5" to 6" from the ground (fig. 7).
4. When properly adjusted, disconnect the carabiner from the eye, roll each strap, place back into its containment pack, and snap closed so the BuckStep is ready for use when needed.



fig. 13

- OVER -

USE:

1. When in the suspended position due to a fall, open one containment pack and pull out the entire length of the strap (fig. 15). Next, open the opposite side containment pack and pull out the entire length of that strap.
2. Ensure there are no twists in the straps and connect the carabiner attached to one strap to the eye of the other strap. Confirm the carabiner is engaged and fully closed (fig. 16).
3. Step into the loop one foot at a time. Place both feet into the loop to reduce pressure from the harness leg straps (fig. 17). Re-adjust the straps as needed to obtain the most comfortable position.



fig. 14

WARNINGS:

- Read, understand, and follow all instructions and warnings before using this equipment. Failure to do so could result in your serious injury or death.
- It is the user's responsibility to ensure that they are properly trained in the use, care, and limitations of this product.
- This device is intended to be used in emergency suspension situations or for training only. It is not intended for any other purpose.
- After being retrieved from harness suspension, maintain an upright position and seek immediate medical attention. Do not lay down.
- In the event of a fall, the employer must have a post fall rescue plan and the means to implement it.
- Never disconnect harness hardware while suspended.
- Only Buckingham Mfg. Co. or those people authorized in writing by Buckingham Mfg. may make additions, alterations or repairs to this equipment.
- This equipment is for personal use only, not towing or hoisting.
- Product covered under these instructions / warnings should not be resold / redistributed or re-used after use by original user.

fig.15



fig. 16



fig. 17



INSPECTION:

Inspect prior to each use; inspection should include but not be limited to the following:

1. unit is properly attached to harness.
2. unit is free of burns, cuts, abrasions, knots, broken stitches, excessive wear or other evidence of defects.
3. Carabiner and buckle(s) are not distorted or cracked.
4. Carabiner keeper / gate is clean and functioning properly.

Remove from service, destroy, and discard unit if it does not pass this inspection and replace immediately.

CLEANING:

Proper maintenance and storage of your equipment will prolong its useful life and contribute toward its performance. The BuckStep should be cleaned with water and mild soap (a dish washing soap that removes grease (i.e. Dawn)) and be allowed to dry thoroughly without using excessive heat. **NOTE:** This product cannot be returned unless it is in new / unused condition.

STATEMENT of OBSOLESCENCE:

Precise "useful life expectancy" or "shelf life" for this product is not specified, as the degree of use, conditions of use, and the degree of care and storage determines useful life. All users maintain responsibility to select proper equipment for the job, be properly trained in its use, and ensure all personnel support equipment passes inspection before each use. Upon evidence of defects, damage or deterioration, all equipment shall be removed from service immediately and tagged or marked as unusable or destroyed. Additionally, all equipment shall be inspected on a regular basis not to exceed one year by a Competent Person, as defined by OSHA/ANSI, to verify that the equipment is safe for use. In the event of any question or concern regarding the condition of such equipment, users shall remove the equipment from service for further inspection. All users must comply with OSHA/ANSI/ASTM standards prior to and in using such equipment. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

INTERNATIONAL USERS:

Notwithstanding the above, please know that certain international jurisdictions require manufacturers of equipment to provide customers with a maximum useful lifespan (sometimes referred to as a "Statement of Obsolescence"). To the extent required, Buckingham personal protective equipment manufactured from synthetic fiber materials including but not limited to items such as webbing and/or rope are subject to a maximum useful lifespan of ten (10) years from the date of manufacture. As stated above proper usage, storage, maintenance, and care impacts the useful lifespan of equipment. Extreme circumstances may require that product must be retired after only one use. This statement is made in conformance and compliance with BS EN 365:2004. International users must ensure that product inspections are completed by Competent Persons as defined by international standards including but not limited to British Standard ("BS"). If equipment fails any inspections, it must be immediately withdrawn from service and destroyed. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

OUR GUARANTEE:

We guarantee the equipment we manufacture to be free from defects in material and workmanship. We will repair any equipment deemed to be defective which is returned to us by the original purchaser. However, this guarantee is void if any product is changed or altered in any way, or if the product is used in a manner other than for which it is intended. This express guarantee supersedes all other expressed or implied guarantees, obligations or liabilities. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND AS SUCH, ALL IMPLIED WARRANTIES ARE SPECIFICALLY DISCLAIMED.

LIMITATION ON LIABILITY:

IN NO EVENT WILL BUCKINGHAM OR BUYER BE LIABLE TO THE OTHER FOR LOST REVENUES, LOST PROFITS OR ANY OTHER INDIRECT, CONSEQUENTIAL, SPECIAL OR PUNITIVE LOSSES OR DAMAGES, HOWEVER CAUSED, WHETHER IN ACTION FOR BREACH OF CONTRACT, STRICT LIABILITY, TORT, OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSSES OR DAMAGES. IN NO EVENT WILL BUCKINGHAM'S LIABILITY EXCEED THE TOTAL AMOUNT PAID BY BUYER TO BUCKINGHAM FOR THE PRODUCT OR EQUIPMENT GIVING RISE TO SUCH CLAIM(S).

PLEASE SEE OTHER TERMS AND CONDITIONS RELATING TO THIS PRODUCT AT <https://buckinghammfg.com/terms-conditions/>

Registration: Before use of the product, ensure to register and confirm the product at www.buckinghammfg.com/register.

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