

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 'R7', '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 'R7', '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

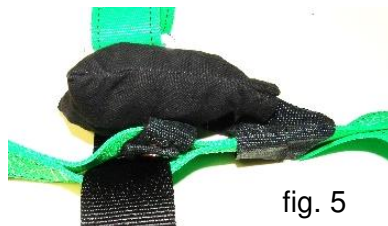


fig. 6



- 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 R7, '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

fig.15



fig. 16



fig. 17



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.

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.

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