

# BUCKINGHAM MFG.

## HARNESS RETROFIT PAD ATTACHMENT INSTRUCTIONS HARNESS RETROFIT BACK PAD & LEG PADS

Warning: Do not use this product if you cannot understand and follow the instructions and warnings that come with it and complete all necessary functions.

### HARNESS RETROFIT BACK PAD

Buckingham's retrofit pads are designed to be attached to an existing new or used harness. These pads can be easily attached or removed and replaced as needed. Buckingham's retrofit back pad is designed to be attached to the harness shoulder straps and includes built in lanyard parking attachment elements required by the ANSI Z359.11 standard. If the back pad is removed and is not replaced, compliance to the ANSI Z359.11 standard would no longer apply unless the harness is retrofitted with a Lanyard Parking Attachment meeting the ANSI standard requirements. i.e. Buckingham's Retro Web Breakaway Lanyard Parking Attachment (PN N16).

These products must be used ONLY as outlined by these instructions.

### ATTACHMENT INSTRUCTIONS: [Fig. 1]

1. Place the back pad down on a flat surface such that the inside of the pad (Fig. 1) is facing down and the Logo side is facing up as shown in Fig 2.
2. Detach all of the back-pad attachment loops by pulling apart the snaps and the hook and loop fasteners. The top four loops attach with snap fasteners and hook and loop. The bottom, large pad attachment loop attaches only with snap fasteners (Fig 3).



**Fig. 1 (Inside of Back Pad)**



**Fig. 2 (Outside of Back Pad)**

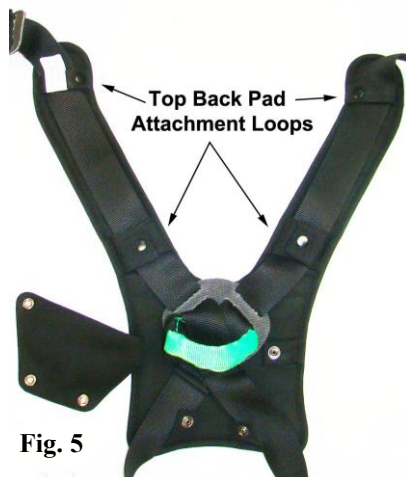


**Fig. 3**

3. Disconnect the harness chest strap, open the harness up and ensure there are no twists in the webbing.
4. Lay the harness back side straps on top of the back pad, with the inside of the harness against the outside of the back pad (The fall arrest attachment of the harness must be to the outside of the pad. As shown in Fig.4)



**Fig. 4**



**Fig. 5**



**Fig. 6**

5. Align the harness shoulder straps and the fall arrest attachment to the center of the back pad.
6. Wrap the top four pad attachment loops of the pad around the harness shoulder straps and attach them at all four locations (Fig.5).
7. If needed, re-align the fall arrest attachment to the center of the back pad and align the lower sections of shoulder straps so the bottom two snap fasteners are to the inside of the straps. Connect the three snap fasteners of the large attachment loop (Fig 6).
8. Ensure there are no twists or kinks in the harness shoulder straps.
9. Ensure the back pad is properly positioned, snugly attached to the shoulder straps and there is no excessive movement. (If improperly positioned or excessive movement is noted, detach all of the pad attachment loops, re-adjust and re-attach until properly installed).
10. Inspect the fall arrest attachment to ensure the pad is not hindering its function in any way prior to each use.

**NOTES:** When properly attached, the Harness Retrofit Back Pad should appear as shown in Figure 7. The top outermost back pad attachment loops are also intended to be used as lanyard parking attachment elements designed to meet the applicable criteria of ANSI Z359.11. (Fig. 8).



Fig. 7

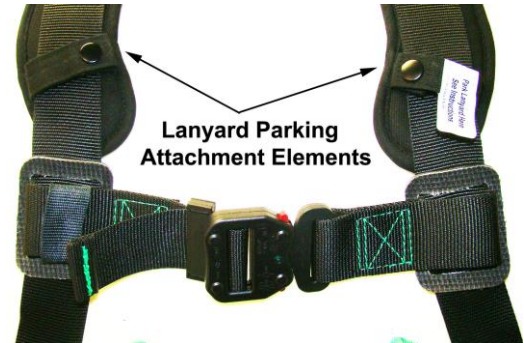


Fig. 8

#### REMOVAL INSTRUCTIONS:

1. To remove the back pad, simply detach all of the pad attachment loops, and remove the pad.
2. Properly store the back pad for future use.

#### HARNESS RETROFIT LEG PADS

Buckingham's retrofit leg pads are designed to be attached to the harness leg straps and can be easily attached or removed as needed. These pads are supplied in pairs and each pad can be used on either the left or right leg strap.

#### ATTACHMENT INSTRUCTIONS:

1. Detach both of the leg pad attachment loops on each pad by pulling apart the snaps and the hook and loop (Fig. 11).



Fig. 9 (Inside of Leg Pads)



Fig. 10 (Outside of Leg Pads)



Fig. 11 (Inside of Leg Pads with Snaps Unsnapped)

2. Open the harness up and ensure there are no twists in the webbing. Lay the harness back side straps and fall arrest attachment facing down on a flat surface (Fig. 12).
3. Align the outside of the leg pad over back side of the leg strap webbing (Fig. 13) so the ribbed side of pad faces the inside of the leg strap and the point of the leg pad facing downward.
4. Fold the leg pad attachment loops over the leg strap and attach the snap fasteners (Fig. 14).
5. Repeat the above steps for the opposite side leg pad.
6. Ensure there are no twists or kinks in the harness leg straps.

7. Ensure the leg pad is properly positioned, snugly attached to the leg straps and there is no excessive movement. (If improperly positioned or excessive movement is noted, detach the pad attachment loops, re-adjust and re-attach until properly installed).

**NOTES:** When properly attached the Harness Retrofit Leg Pads should appear as shown in Figure 15. It is also possible to attach the leg pads when you are wearing the harness, however reaching behind the leg and properly attaching the snap fasteners may prove difficult for some users.



**Fig. 12 (Harness Shown with Fall Arrest Attachment Facing Down)**



**Back Side of Leg Strap**

**Fig. 13 (Lower Harness Section, Back Strap and Below with Leg Pads (Shown for Clarity))**



**Fig. 14 (Leg Pad Attached to Leg Strap)**



**Fig. 15 (Leg Pads Attached to Both Leg Straps) (Lower Harness Section, Back Strap and Below Shown for Clarity)**

#### **REMOVAL INSTRUCTIONS:**

1. To remove the leg pads, simply detach all of the pad attachment loops, and remove the pads.
2. Properly store the leg pads for future use.

#### **CLEANING & STORAGE:**

Clean pads with mild soap & water. Allow to air dry completely (not in sunlight). Your equipment should be stored and transported so that it does not come into contact with moisture, ultra violet rays, extreme temperatures, or chemical agents. Warnings pertaining to cleaning, storage, and transportation should be strictly adhered to.

## 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 the 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](http://www.buckinghammfg.com/register).

**BUCKINGHAM MFG.**  
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