

BUCKINGHAM MFG.

[Body Belts / Positioning Straps]

Instructions

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.

- ◆ Know the job and the regulations governing performance requirements and select the proper equipment.
- ◆ Read all warnings and instructions provided with all Buckingham belts, positioning devices and related equipment. Should questions arise concerning the proper use or condition of your equipment, consult your Supervisor, Safety Director or contact Buckingham Manufacturing Co. at 1-800-937-2825.
- ◆ All affixed labels should be left in place and all instructional material should be kept for future reference.
- ◆ When securing the belt around your body, ensure the buckle is properly fastened, and the billet end of the belt strap is in its keeper. A belt should provide a snug fit around your body (approximately 4" below your waistline). If this cannot be achieved, replace the belt with one that is a better fit. Refer to the Buckingham catalog to determine the proper belt size and wearing location.
- ◆ When using a body belt, the positioning D-rings should be equally spaced on either side of the lineman's body.
- ◆ When using a positioning strap with the body belt, ensure by visual inspection that each snap hook freely engages each D-ring, that both keepers are completely closed and that keepers face outward (i.e. away from the body).
- ◆ Do not connect any tools, accessory loops / snaps, etc. to the positioning D-rings. D-rings are for attachment of connecting device locking snap hooks only.
- ◆ A barrel nut fastener (post and screw) is supplied loosely threaded through the pouch tab of each body belt, intended for tool pouch attachment to the body belt. The tool pouch may be attached to either pouch tab at user's preference. To attach, insert the post section (with head of post away from the user) through the hole of the body belt pouch tab and tool pouch. Thread the screw (screw head facing your body) into the post and securely tighten. The protruding screw must be peened over / mushroomed to prevent the screw from loosening from the post and accidentally releasing the tool pouch.

FOUR D-RING & MULTI HOLE BODY BELTS

These Body Belts are designed to be used with a WPFRD and an Adjustable Positioning Lanyard (APL) in order for the user to be continuously connected while performing tasks such as transitioning over obstructions such as crossarms.

Buckingham Body Belts are available with Stacked (Fig. 1), In Line (Fig. 2) or Multi Hole D-Rings (Fig. 3a & 3b).



Fig. 1
Stacked 4 D-ring
Body Belt



Fig. 2
In Line 4 D-ring
Body Belt



Fig. 3a
Multi / 3 Hole
D-ring Body Belt



Fig. 3b - Multi / 2 Hole D-ring
Body Belt with Modular Seat
Section "BuckSeat" (shown with
Silver D-ring for clarity purposes)

Buckingham's suggested method for user continuous connection while transitioning past obstructions is use of a Four D-ring or Multi Hole D-Ring Body Belt, WPFRD (BuckSqueeze, SuperSqueeze or EZSqueeze) and an Adjustable Position Lanyard (BuckAdjuster or Buck LeverJust). Ensure you read, understand and follow these instructions as well as those included with each piece of equipment prior to using this equipment. Stacked 4 D-ring Body Belts: The primary / secondary D-ring set determination is at the discretion of the user or using company's specified work practice.

In Line D-ring Body Belts: The forward Body Belt D-rings are intended for use as primary attachment points for the WPFRD locking connecting devices. The rear Body Belt D-rings are intended only for use as secondary attachment points for connection while transitioning past obstructions. Multi / 3 Hole D-Ring Body Belts (Fig 3a): The top and bottom holes in the D-Rings are intended as the primary attachment points for the WPFRD, as determined at the discretion of the user or using company's specified work practice. The center holes in the D-Rings are intended for use as secondary attachment points for connection while transitioning past obstructions. The center holes can also be used as primary connection points, as determined at the discretion of the user or using company's specified work practice. Multi / 2 Hole D-Ring Body Belts (Fig 3b) Bottom holes are primary attachment points for the WPFRD, as determined at the discretion of the user or using company's specified work practice. The top holes in the D-Rings are intended for use as secondary attachment points for connection while transitioning past obstructions. The top holes can also be used as primary connection points, as determined at the discretion of the user or using company's specified work practice. The angled slot on the bottom is for the seat connection, not to be used as an WPFR or secondary Lanyard connection point.

It is an acceptable practice to stow a secondary lanyard from one of the secondary D-ring attachment points when not in use. Note: both locking connecting devices of the Adjustable Positioning Lanyard (i.e. BuckAdjuster or Buck LeverJust) must be connected to the same secondary D-ring attachment point during stowage. An alternate method of stowage is the use of a break-a-way handline hook. The carabiner connector of the APL must remain attached to the secondary D-ring attachment point at all times. The snap hook end of the APL (i.e. BuckAdjuster or Buck LeverJust) may be stored on a breakaway handline hook when not in use. The use of the breakaway hook allows the snap end to pull free in the event it becomes snagged.

When securing the belt around your body, ensure the buckle is properly fastened, and the billet end of the belt strap is in its keeper. A belt should provide a snug fit around your body (4 D-Ring Stacked Body Belts are designed to be worn with the belt strap and upper D-rings on the waist not on the buttocks like a conventional Body Belt). Multi Hole Body Belts are designed to be worn in the same manner as a conventional Body Belt. If this cannot be achieved, replace the belt with one that is a better fit. Refer to the Buckingham catalog to determine the proper belt size and wearing location.

HOW TO CLIMB OVER AN OBSTRUCTION DURING AN ASCENT USING A FOUR D-ring OR MULTI HOLE D-ring BODY BELT, WPFRD (BuckSqueeze, SuperSqueeze or EZSqueeze) AND THE ADJUSTABLE POSITIONING LANYARD (BuckAdjuster or Buck LeverJust).

- Ascend the pole until the obstruction is at approximately chest height.
- Ensure the locking carabiner /connector at one end of the APL is properly attached to one secondary D-ring attachment point of the body belt. Disconnect the opposite side locking connecting device of the BuckAdjuster or Buck LeverJust from the body belt secondary D-ring attachment point or break-a-way handline hook.
- Place the APL around the pole, over the obstruction and connect the connecting device to the secondary D-ring attachment point on the opposite side of the body belt.
- Adjust (shorten) the length of the APL so your body weight is transferred from the WPFRD to the APL.
- Loosen the WPFRD by compressing the Cam Buckle (if using the BuckSqueeze) or Cam Lever (if using the SuperSqueeze or EZSqueeze) and lengthening the Outer Strap.
- Disconnect the WPFRD Serrated Rotosnap from the Outer Strap Connector.
- Step up the pole so your chest position is approximately at the same height as the top of the obstruction and re-adjust (shorten) the APL.
- Place the WPFRD Outer Strap and Serrated Rotosnap around the pole, over the obstruction and the APL.
- Reconnect the Serrated Rotosnap to the Outer Strap Connector.
- Adjust the WPFRD so the hardware locators are at the 3:00 or 9:00 o'clock positions.
- Disconnect the locking connecting device of the APL from the body belt secondary D-ring attachment point and connect it back to the other secondary D-ring attachment point on the opposite side of the body belt or to the break-a-way handline hook for stowage.
- Continue your ascent.
- To descend pole, follow the applicable sections of above procedure in reverse order.

Warnings

- ◆ Know the job and the regulations governing performance requirements and select the proper equipment.
- ◆ Read carefully, understand and heed these instructions, warnings and cautions before using this equipment. Failure to do so could result in your serious injury or death. Should questions arise concerning the proper use or condition of your equipment, consult your Supervisor, Safety Director or contact Buckingham Manufacturing Co. at 1-800-937-2825.

- ◆ All affixed labels should be left in place and all instructional material kept for future reference.
- ◆ This equipment is intended for use by properly trained professionals only.
- ◆ Please consult with your physician prior to using this product. Do not use this product under the influence of drugs or alcohol.
- ◆ This product is designed to be used by a person with a maximum weight of 350 lbs. when fully equipped.
- ◆ For personal use only. NOT for towing or hoisting.
- ◆ Fall protection equipment, (i.e. fall arrest, work positioning belts, climbers, retrieval, suspension etc.) should not be resold or provided to others for re-use after use by original user as assurance cannot be granted that a used product meets criteria of applicable standards and is safe for use to a subsequent user.
- ◆ Be certain this equipment is suitable for the intended use and work environment. It should only be used as personal protection equipment (PPE). If suitability for intended use is in doubt, consult a safety engineer or contact Buckingham Mfg. before using.
- ◆ Destroy any and all equipment subjected to impact loading.
- ◆ Always attach each snap hook of the positioning strap to the proper D-ring attachment point of the body belt.
- ◆ Do not attach work positioning snap hooks to accessory rings. Accessory rings are intended for attachment of a belt supporter only. Note: Belt supporters are intended to distribute belt weight of users who carry an unusually heavy load of tools. Belt supporters are not intended to support the weight of the user.
- ◆ Body belts are intended for work positioning only. If a fall is possible, a full body harness must be used.
- ◆ Body belts can be used as one part of a fall restriction system when used with a WPFRD as outlined by ASTM 887.
- ◆ Do not use linemens work positioning belts for arborists work. Arborist saddles are designed for that application. Linemens work positioning belts are intended for use by linemen only.
- ◆ As outlined by OSHA 1926.502 (e)(2) positioning devices shall be secured to an anchorage capable of supporting at least twice the potential impact load of an employee's fall or 3,000 lbf. (13.3 kN), whichever is greater.
- ◆ Never use a positioning strap as a lanyard or a sling.
- ◆ Avoid contact of this equipment with sharp edged or pointed tools, chemicals, high temperature surfaces, welding or other heat sources. Sharp and abrasive surfaces may include but not be limited to (sheet metal, steel, concrete, block, stone, laminated materials, etc.)
- ◆ With each use, visually check that the positioning strap snap hook freely engages the body belt D-ring and that the keeper is completely closed and facing outward. Never rely solely on the feel or sound of a snap hook engaging.
- ◆ Attach only proper accessories to linemen's body belts. Accessories and tool pouches should only be attached to the body belt using the belt's accessory snaps, rings and pouch tabs. Keep all accessories and pouches well away from the D-rings.
- ◆ Use positioning strap only with belt meeting standards for intended use.
- ◆ Before each use check that: **1)** unit is free of burns, cuts, abrasions, kinks, knots, broken strands chemical or physical exposures, cracks, charring, excessive wear and loose, cut, or missing stitching. **2)** snap hooks, D-rings and buckles are not distorted or cracked. **3)** snap hook keeper / lock mechanism is not bent, is free of burrs, clean and functioning properly. **4)** positioning strap is not worn to the point of showing the red warning center. Remove from service, destroy and discard unit if it does not pass this inspection and replace immediately.
- ◆ Make sure each snap hook is positioned so that its keeper is never load bearing.
- ◆ When in the work position, ensure there is no pressure on the snap hook locking mechanism sufficient to depress it as this will, due to its length, render it incompatible with currently designed D-rings and make it very susceptible to rollout.
- ◆ To ensure compliance with the ASTM F-887 standard, positioning devices must include locking snaphooks / carabiners.
- ◆ Before use ensure locking mechanism of locking snap hook is functioning properly. Never disable locking mechanism of the locking snap hook, punch holes in or alter a connecting device in any way.
- ◆ Lubricate lock mechanism and keeper on both sides of snap hook at least weekly or as often as required to maintain smooth operation (no binding) with light weight lubricant such as WD-40®.
- ◆ Never work without independent fall-arrest protection if there is danger of a fall.
- ◆ Employer - instruct employee as to proper use and warnings before use of equipment.
- ◆ Body Belts are manufactured in accordance to the ASTM F887, CSA Z259.1 standard and OSHA regulation 1926.954. (NOTE: OSHA does not reference 4 D-ring belts).
- ◆ Product covered under these instructions / warnings should not be resold / redistributed or re-used after use by original user.

ADDITIONAL WARNINGS (Pertaining to Four D-ring and Multi Hole D-ring Body Belts)

- Proper use is critical to the performance of the 4 D-ring or Multi Hole D-ring systems.
- Always attach each locking connecting device of the positioning strap, WPFRD, retractable lanyard or adjustable positioning lanyard to the proper D-ring attachment point of the body belt.
- Never mismatch D-ring attachment points by connecting the locking connecting device of a positioning strap, BuckSqueeze, SuperSqueeze or EZSqueeze, retractable lanyard or Adjustable Positioning Lanyard to a primary D-ring attachment point on one side and to a secondary D-ring attachment point on the opposite side or any combination of mismatched attachment points.
- When using a body belt equipped with a 4 D-ring or Multi Hole D-ring system ensure by visual inspection that each locking connecting device freely engages each D-ring attachment point, that all keeper / gates are completely closed and that keepers / gates face outward (i.e. away from body). Never rely solely on the feel or sound of a connecting device engaging.
- Do Not connect any tools, accessory loops / accessory snaps, etc. to the D-rings. The D-rings are for attachment of locking connecting devices only.
- If using a Multi / 2 Hole D-ring Body belt (such as the BuckSeat PN 4305) with a removable seat section that has been removed, do not connect anything into the rectangular seat strap slot of the D-ring (Fig. 4). That slot is designed for connection of the seat section only.
- The attached buckle frame at the back of the PN 4305 BuckSeat Body Belt is only to be used for attachment of the removable seat section. This Buckle frame (Fig. 5) must not be used for retro fall arrest harness or any other connection.



Fig. 4



Fig. 5

- D-rings are intended for work positioning only. If a fall is possible, a full body harness must be used.

BuckSeat REMOVAL / ATTACHMENT INSTRUCTIONS

PN 4305 – The BuckSeat is designed with a modular seat section, follow the steps below to adjust, remove or attach the seat section to the Body Belt.

Removal:

- Angle the smaller buckle of the center seat strap two piece buckle and push it through the larger buckle frame (Fig. 6).
- Remove the free end of one of the side seat straps from the elastic keeper (Fig. 7) and then unthread the strap from the adjustment buckle by pushing the free end through the buckle and around the buckle slide bar (Fig. 8). Then pull the strap completely through the buckle (Fig. 9).



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10

- Grasp that strap near the seat on the back side of the body belt, pull it through the back pad and from around the rectangular slot of the D-ring so that side of the seat is disconnected from the back pad (Fig. 10).
- Repeat the steps above for the opposite side seat strap and the seat section will be completely detached from the body belt section.

Attachment:

- Ensure there are no twists in the center seat strap.
- Angle the smaller buckle of the center seat strap two piece buckle and push it from the inside of Body Belt out through the larger buckle frame (Fig. 11).



Fig. 11

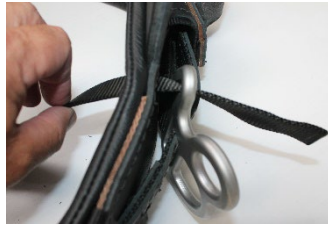


Fig. 12



Fig. 13

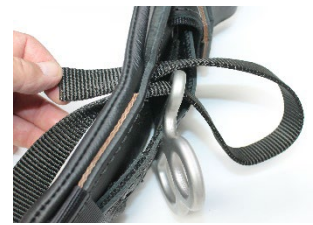


Fig. 14

- Ensure there are no twists in the side seat straps.
- Feed one of the side seat straps through the backside of the body belt seat strap slot and through the rectangular slot of the D-ring (Fig. 12).
- Loop the free end around the outer bar of the D-ring and then back through the body belt seat strap slot (Fig. 13 & 14).
- Reattached the elastic keeper to the side seat strap.
- Slide the bar of the side seat strap adjustment buckle all the way forward, away from the connected web and then thread the free end of the side seat strap through the backside slot created (Fig. 15).



Fig. 15



Fig. 16



Fig. 17

- Slide the bar of the adjustment buckle all the way back until touching the connected web and then make a loop in the side seat strap and thread it over the bar and through the front side slot created (Fig. 16).
- Pull the strap snug to remove the slack and secure any excess beneath the elastic keeper (Fig. 17).
- Repeat the steps above for the opposite side seat strap and the seat section will be attached to the Body Belt section.

Adjustment:

- Don the Body Belt and buckle the waist strap.
- Adjust both the center seat strap and the two side seat straps so that the seat section is in a comfortable desired position.
- Adjust the center seat strap to raise or lower the height of the seat and the side straps to help move it forward.

NOTE: Ensure proper fit of product before use. This product cannot be returned unless it is in new / unused condition.

Cleaning: Proper maintenance and storage of your equipment will prolong its useful life and contribute toward its performance. The equipment should be cleaned and maintained at regular intervals depending on usage.

Nylon - Clean with water and mild soap (a dish washing soap that removes grease (i.e. Dawn)) and allow to dry thoroughly without using excessive heat. Do not use any type of corrosive substance or acid, which will gradually eat away the fabric.

Leather- Using a sponge, wash leather with saddle soap and water, then wipe with a clean damp cloth. Allow the leather to dry completely - avoid high temperature heat sources. After drying, the leather should be oiled with 100% Neatsfoot Oil, wiping off any excess with a dry cloth.

Patented. For more information, visit BuckinghamMFG.com/Patents.

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.

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Information contained in these written instructions supersedes all other information (written, audio, video etc.) produced by Buckingham Mfg. prior to the revision date of this document.