

BUCKINGHAM MFG.

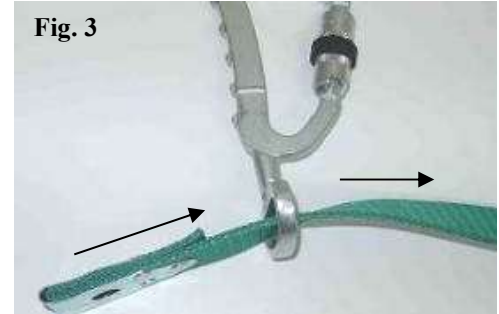
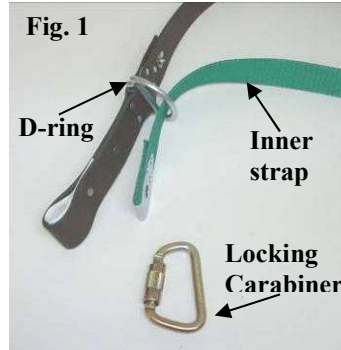
488 SERIES INNER WOVEN STRAP REPLACEMENT INSTRUCTIONS

[Note: This Inner Woven Strap must only be used with the SuperSqueeze Assembly]

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. Please consult with your physician prior to using this product. Do not use this product under the influence of drug or alcohol.

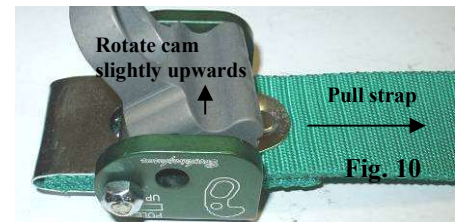
A. TO REMOVE THE INNER STRAP WITH REMOVEABLE CARABINERS FROM THE SUPERSQUEEZE FOR CHANGE OUT:

1. Remove the Locking Carabiner from the inner strap (Fig.1).
2. Slide the inner strap out of the D-ring (Fig.2).
3. Slide the inner strap through the Serrated Rotosnap (Fig. 3).



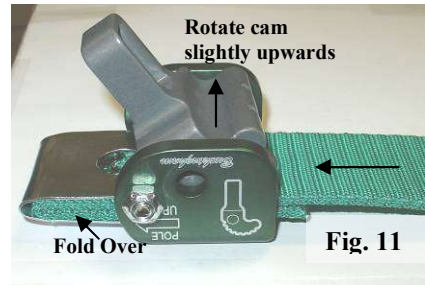
4. IF YOUR INNER STRAP HAS A FRICTION BUCKLE ADJUSTMENT (see step 5 for straps with a WebGrab):

- a. Remove the friction buckle by pulling the inner strap out of the friction buckle (Fig.4)
- b. Thread the replacement inner strap through the friction buckle
- c. With the fold over facing down, feed the new inner strap over the sliding bar and through the friction buckle towards the "This Side Out" lettering (Fig.5)
- d. Now thread the woven strap under the bar (Fig.6)
- e. Pull the inner strap approximately 2/3 through the friction buckle.
- f. When re-assembling the inner strap with friction buckle to the outer strap, ensure the fold over (fig. 7) on the inner strap, and the friction buckle lettering "**THIS SIDE OUT**", are facing outward on the inner strap when the SuperSqueeze is connected to body belt D-rings.
- g. Thread the metal tabbed inner strap end through the Serrated Rotosnap and D-ring eyelets.
- h. Re-connect the Carabiner to the inner strap end eyelet.
- i. The completed re-assembly is shown in figure 7 below.



5. IF YOUR INNER STRAP HAS A WEBGRAB FOR ADJUSTMENT (see step 4 above for straps with a friction buckle):

- a. You will need to remove the WebGrab from the inner strap.
- b. Using a 3/16" Allen wrench and a 1/2" wrench, remove the lock nut from the cam bolt (Fig.8), and discard the lock nut.
- c. Remove the cam bolt - **DO NOT** re-use the lock nut (Fig.9).
- d. It is not necessary to remove the cam from the frame to remove the inner strap material. This assists in maintaining the spring position inside of the cam frame.
- e. Pivoting the cam up slightly and pull the inner strap material from



- f. the WebGrab (Fig.10)
- f. With the fold over of the woven strap facing down, slide the WebGrab onto the new inner strap (Fig.11)
- g. When assembling the inner strap with WebGrab to the outer strap ensure the fold over on the inner strap is facing outwards when the SuperSqueeze is connected to body belt D-rings. Also, the arrow on the WebGrab must face towards the pole.
- h. It is crucial that the cam is properly aligned in the frame (see fig. 11), and that the spring is properly seated in the cam and frame (see fig. 12).



- i. Align the hole in the cam with the holes in the frame and insert the shoulder bolt through the frame (from the spring side-see fig. 13) and cam (cam lever must be aligned as shown in the sketch on the side of the frame-seeFig.11).
- j. Apply LOCTITE 242 blue thread locker to the threads of the shoulder bolt (fig. 13). The LOCTITE will require a minimum of 24 hours to cure completely.



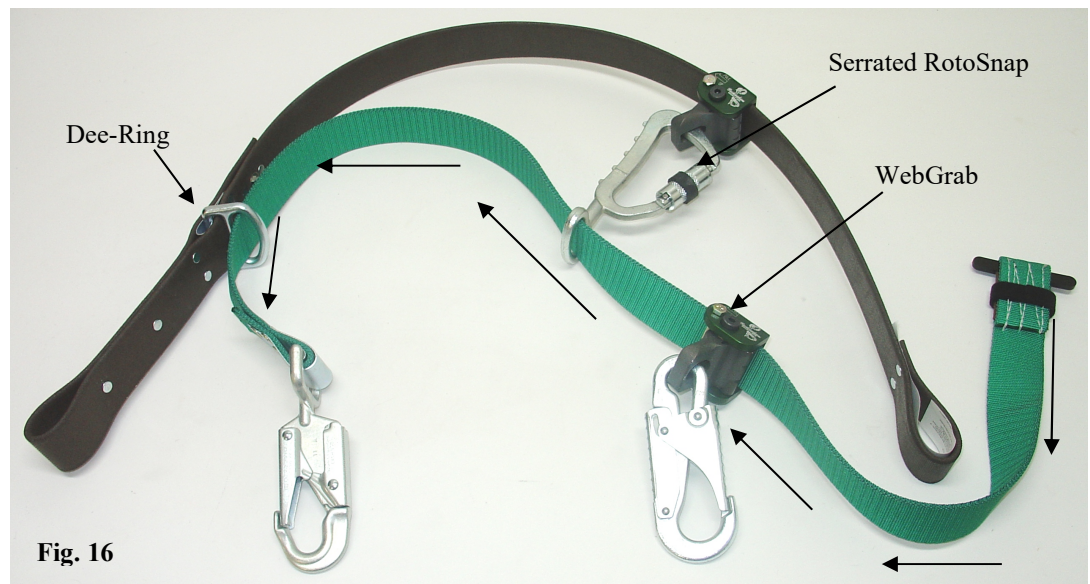
- k. Attach the **NEW** lock nut (that came with your replacement strap) using a 3/16" Allen wrench and 1/2" wrench. Tighten the lock nut down until it comes in contact with the shoulder of the bolt. (Fig. 14)
- Note: End of shoulder bolt should protrude to the end of the nut.

- l. Thread the metal tabbed inner strap end through the Serrated Rotosnap and D-ring.
- m. Re-connect the Carabiner to the inner strap.
- n. The completed re-assembly is shown in figure 15.



B. TO REMOVE THE INNER STRAP WITH PERMANENT SNAPS FROM THE SUPERSQUEEZE:

1. The general direction of travel for removing of the inner strap with permanent snaps is shown in figure 16.



- If equipped, use a knife, cut both sides of the plastic thong flush with the webbing (see Fig. 17-19). Be cautious not to cut the webbing.

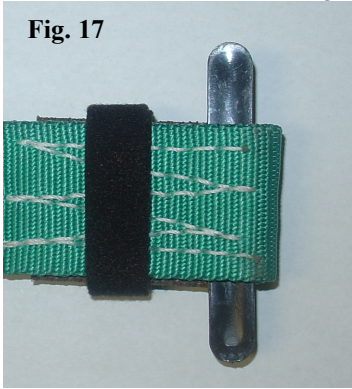


Fig. 17

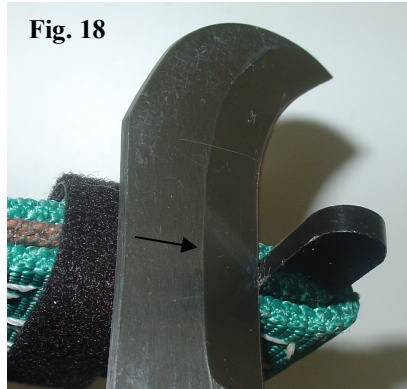


Fig. 18

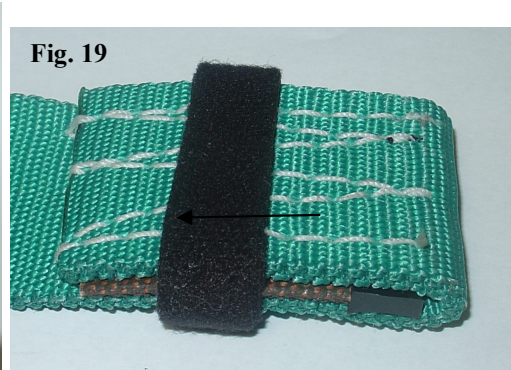


Fig. 19

- Remove the plastic thong end of the inner web strap by weaving it through the WebGrab (or friction buckle) according to steps A.5. (or A.4)—see figures 20-23. For WebGrabs, this will also require the removal of the web guide bolt (see figure 20) using two 7/16" wrenches. (Note: keep the cam, and its return spring, in place while removing the inner strap)



Fig. 20 web guide bolt

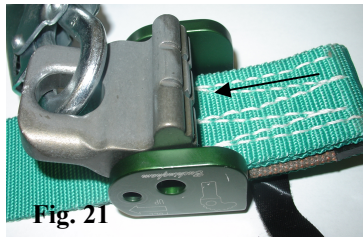


Fig. 21

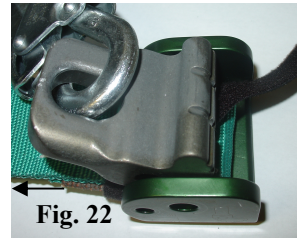


Fig. 22

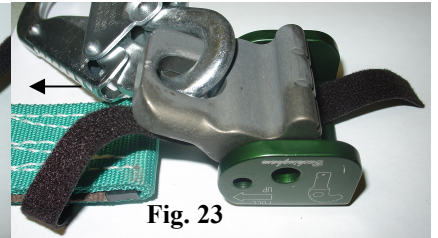


Fig. 23

- After removing the inner strap from the WebGrab, slide it through the eyelet of the serrated rotosnap. See figures 24 and 25.
- Next, slide the inner web strap end (with cut plastic thong) through the D-ring as shown in figure 26.
- The strap is now completely removed.

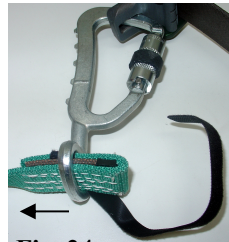


Fig. 24

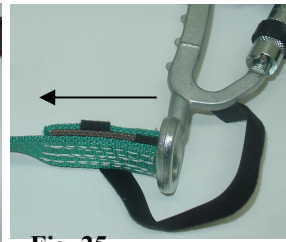


Fig. 25



Fig. 26

C. TO ASSEMBLE THE INNER STRAP WITH PERMANENT SNAPS ONTO THE SUPERSQUEEZE:

- Install the new inner strap by weaving the end with the hook and loop in the reverse direction of step 'B' above (through the D-ring, then the Serrated Rotosnap, and lastly through the WebGrab).
- *CAUTION***--Be sure that the inner strap is orientated with the snap gate facing outward as illustrated in figure 30. Also, be sure to orient the WebGrab as shown in figure 31.



Fig. 30



Fig. 31

- Re-install the WebGrab per the instructions above starting at step A.5.h.
- The WebGrab will also require inserting the web guide bolt (see Fig. 20). Apply a small amount of LOCTITE 242 to the outer threads of both bolts, and install the lock nuts onto them. Tighten the nuts until they are snug with the outer frame (web guide bolt), or stops due to the ending of the threads/contacting bolt shoulder (shoulder bolt).

5. The LOCTITE will require 24 hours to cure completely.
6. The completed inner strap assembly is shown in figure 32 below.



Fig. 32

Be sure to perform a trial test while standing on the ground to ensure the SuperSqueeze is functioning properly prior to climbing.

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.

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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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