DESCRIPTION:

- Model 488W - Wood Pole Fall Restriction Device (WPFRD) with Woven Inner Strap for Distribution Poles.
- Model 488W2 - Wood Pole Fall Restriction Device (WPFRD) with Woven Inner Strap and dual WebGrabs for Distribution Poles.
- Model 488TW - Wood Pole Fall Restriction Device (WPFRD) with Woven Inner Strap for Transmission Poles.
- Model 488TW2 - Wood Pole Fall Restriction Device (WPFRD) with Woven Inner Strap and dual WebGrabs for Transmission Poles.
- Model 488R - Wood Pole Fall Restriction Device (WPFRD) with Rope Inner Strap for Distribution Poles.
- Model 488RT - Wood Pole Fall Restriction Device (WPFRD) with Rope Inner Strap for Transmission Poles.

Note: Hardware may vary from hardware shown.
PRIOR TO USE:

- This equipment is intended for use by properly trained professionals only.
- Know the job and the regulations governing requirements and select proper equipment.
- Manufacturer’s instructions shall be provided to users with this product. Read and understand all instructions and warnings provided by Buckingham included with the product before use.
- Visually inspect this, and all related equipment, before each use. (See inspection below)

INSPECTION:

Prior to use, carefully inspect equipment for indications of wear and/or deterioration. The inspection should include, but not be limited to the following:

1. All hardware and connecting devices are clean and functioning properly, free of cracks, deformation, burrs, excessive wear, corrosion, or modifications. Snap hook and Carabiner gate freely opens and closes without binding. All bolts and locking nuts are in place and securely tightened.
2. The cam of the WebGrab / BuckGrab locks on the strap / rope when the SuperSqueeze is properly adjusted on the pole and the user’s weight is on the unit.
3. All straps are free from defects including kinks, knots, cuts, cracks, burns, abrasions, broken strands or stitching, excessive wear, chemical exposure, and ice / mud / snow, etc., buildup. If buildup on straps or component assemblies is noted, remove buildup. One method of removal from the strap is to run the WebGrab along the length of the outer (brown) and inner (green / yellow) strap, and/or run the BuckGrab along the length of the inner (rope) or the friction buckle along the length of the inner (Woven) strap. Ensure component assemblies are clean and free of any debris. **NOTE: Prior to and while in use, particularly in extreme weather conditions (i.e. blizzards, high winds, etc.) – guard against debris (pebbles, twigs, packed snow, ice, mud, etc.) becoming lodged in any of the component assemblies as well as any buildup on the straps, as debris / build up could block or restrict proper function. If noted, ensure unit is clear. Test for slippage by connecting and properly adjusting the SuperSqueeze to the pole and your body belt. While grasping the pole, gradually shift your weight onto the SuperSqueeze. The SuperSqueeze should cinch tightly around the pole verifying its adequacy for ascent or descent.**
4. Both Inner and Outer Straps are not worn to the point of showing the warning center.
5. The Cleat on the Outer Strap is in place. Do Not Use if this cleat is missing.
6. Rivets are not loose, or missing.
7. Ensure the wear guard and black grommets are in the correct location and are not excessively worn.

Remove from service, destroy, discard and replace immediately any unit that does not pass the above inspection.

OPERATION:

1. **HOW TO MOUNT THE SUPERSQUEEZE TO THE BODY BELT:**
   The user must connect each Locking Carabiner / Snap Hook of the Inner Strap (Rope or Woven) to each of the body belt D-Rings. (Fig.1)
2. **HOW TO MOUNT THE SUPERSQUEEZE ONTO THE POLE TO BEGIN:**
The SuperSqueeze can be mounted onto the pole for either a right handed or left handed user. The User can hold the brown Outer Strap handle in one hand and the Serrated Rotosnap in the opposite hand. With the Serrated Rotosnap disconnected from the eye of the WebGrab wrap the outer strap around the back of the pole and connect the Serrated Rotosnap to the eye of the WebGrab.

**Note:** Proper operation requires gate of the Serrated Rotosnap to be fully rotated prior to opening.

![Fig. 2a](image)

**Users Choice**

WebGrab / Serrated Rotosnap mounted on the right side of the pole (Fig. 2a).

or

Outer Strap Handle / D-ring mounted on the right side of the pole (Fig. 2b).

3. **HOW TO ADJUST THE LENGTH OF THE OUTER STRAP:**

The position of the SuperSqueeze hardware components on the pole is critical for proper operation. The triangular rivet pattern on the D-ring side of the Outer Strap and the Serrated Rotosnap Locator Rib are used as locators to position the hardware on the pole (See Fig. 3a and 3b).

![Triangular Rivet Pattern](image)

**Fig. 3a**

![Serrated Rotosnap (Locator Rib)](image)

**Fig. 3b**

Consider the circumference of the pole to be the face of a clock. Place the triangular rivet pattern of the brown Outer Strap at the 3:00 or 9:00 o’clock position on one side and the Serrated Rotosnap Locator Rib at either 9:00 or 3:00 o’clock position on the opposite side (Fig.4)

![Fig. 4](image)

Ideal Placements are at the 3 and 9 o’clock positions. Never allow the locators to fall within the hazardous zone defined between the 4:00 to 8:00 o’clock positions (see Fig.4).

To adjust the Outer Strap to the proper circumference, after mounting the SuperSqueeze onto the pole, slide the WebGrab along the brown Outer Strap until the hardware is properly located on the pole as shown in Fig.3a, 3b, and 4.

It is imperative that the hardware be properly adjusted around the pole (Fig 4a). Failure to do so (Fig 4b) could result in a fall.
4. **A. HOW TO ADJUST THE INNER STRAP (WOVEN WEB) USING THE WEBGRAB**
(The Inner Strap should be continually snug around the pole at all times.)

1. To lengthen the strap, (to go out to the end of a cross arm or to put the user further away from the pole) place one hand behind the pole and lean slightly toward the pole taking tension off the strap to relax tension on the WebGrab. Gradually depress the WebGrab lever towards the pole, while slowly leaning back, until you have adjusted to your desired length. (See Fig. 5)

2. To shorten the strap, place one hand behind the pole and lean slightly towards the pole while pulling the free end of the strap through the WebGrab, until you have adjusted it to your desired length. (See Fig. 6)

**B. HOW TO ADJUST THE INNER STRAP (WOVEN WEB) WITH FRICTION BUCKLE**
(The Inner Strap should be continually snug around the pole at all times)

1. To lengthen the strap, (to go out to the end of a cross arm or to put the user further away from the pole) place one hand behind the pole and lean slightly toward the pole taking tension off the strap. Next, pull back on the Friction Buckle to obtain your desired length. (See Fig. 7)

2. To shorten the strap, place one hand behind the pole and lean slightly toward the pole taking tension off the strap. Next, pull the end of the strap through the Friction Buckle toward the pole, until you have the desired length. (See Fig. 8)

Note: When climbing, the WebGrab must be kept clear of all obstructions that could block the operation of the assembly.
C. HOW TO ADJUST THE INNER STRAP (ROPE)
(The Inner Strap (Rope) should be continually snug around the pole at all times)

1. To lengthen the strap, (to go out to the end of a cross arm or to put the user further away from the pole) place one hand behind the pole and lean slightly toward the pole taking tension off the strap to relax tension on the BuckGrab. Gradually depress the BuckGrab lever towards the pole while slowly leaning back, until you have adjusted it to your desired length. (See Fig.9)

2. To shorten the strap, place one hand behind the pole and lean slightly towards the pole while pulling the free end of the Rope through the BuckGrab until you have adjusted it to your desired length. (See Fig.10)

5. HOW TO ADJUST THE SUPERSQUEEZE TO CLIMB

Ensure:

a. Each of the two Locking Carabiners / Snaphooks of the SuperSqueeze are attached to each side D-ring of your body belt and the gates are completely closed and facing outwards.

b. The outer Strap of the SuperSqueeze is around the pole and the Serrated Rotosnap of the Inner Strap is attached to the eye of the WebGrab.

c. Hardware components are positioned at the 3:00 and 9:00 position.

d. While at ground level with the SuperSqueeze even with the D-rings of your body belt, the Inner Strap (Rope or Woven Web) is adjusted so you are in an ideal climbing position. This is typically measured by placing your elbow into your stomach with fingers outstretched touching the pole.

6. HOW TO HOLD THE SUPERSQUEEZE WHEN READY TO CLIMB:

Prior to initiating the climb, and with the SuperSqueeze properly adjusted at the 3:00 and 9:00 position, grasp the Outer Strap Handle with one hand (Fig. 11) and the Serrated Rotosnap in the other (Fig. 12). Spread the hardware slightly (1” max) away from the pole and lift the SuperSqueeze to chest height. (NOTE: the SuperSqueeze must remain snug to the pole). (Fig.11 and 12)

7. HOW TO HITCHHIKE:

a. To initiate the ascent, set the 1st climber gaff approximately 10” up the pole and the 2nd climber gaff approximately 10” above the first. With the gaffs set, flip the SuperSqueeze up to chest height (Fig.13) using either forearm and elbow motion or shoulder and arm motion.

b. With the SuperSqueeze adjusted around the pole at chest height take a short step or two with climbers to ascend. Then with the gaffs set, again flip the SuperSqueeze up to chest height (Fig.13). Repeat the described procedure until at the desired height.
c. To descend, perform steps 7a & 7b above in reverse.

**NOTE:** The inner strap (Rope or Woven Web) must always be snug around the pole when climbing. Also, shortening the inner strap and by flipping the SuperSqueeze shorter distances makes climbing less strenuous. Flipping the strap approximately the same distance that you can bend your elbows may aid in reducing stress on your body.

8. **ADJUSTING THE SUPERSQUEEZE TO THE CIRCUMFERENCE OF THE POLE.**

   a. Pole circumference changes encountered as you ascend or descend the pole requires Outer Strap length adjustment to keep the hardware in the 3 and 9 o’clock positions.
   
   b. To shorten, grasp the brown Outer Strap behind the WebGrab and pull towards the back of the pole (away from your body). This will cause the WebGrab to adjust towards the pole shortening the Outer Strap (Fig.14).

   c. To lengthen, lean slightly towards the pole taking tension off the strap to relax tension on the cam lever. Gradually depress the cam lever towards the pole (Fig.15) while slowly leaning back, until you have adjusted it to your desired length.

**WARNINGS:**

- Read carefully, understand, and heed these instructions and warnings before using this equipment. Failure to do so could result in your serious injury or death.
- This equipment is intended for use by properly trained professionals only.
- Inspect pole prior to climbing. Ensure that there are no service wires running vertically up the pole. If wires are present install U-guard over the wires or de-energize the circuit prior to installing the SuperSqueeze.
- Fall protection equipment, (i.e. fall arrest, work positioning, 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 by a subsequent user.
- Only Buckingham Mfg. Co., or those people authorized in writing by Buckingham Mfg. Co., may make repairs to this equipment.
- Inspect your equipment prior to each use. As a minimum, use all inspection instructions included in this document.
- Do not use this device if the cleat is missing from the outer strap.
- Selection of products should be such that they aid the worker in the performance of his/her job and particular work situation. Therefore, 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 your Supervisor, Safety Director, or contact Buckingham Mfg. at (607) 773-2400 or 1-800-937-2825 before using.
- Be certain the brown Outer Strap is properly positioned on the pole and the Inner Strap (Woven Web or Rope) is snug to the pole before using. **Failure to heed this warning will result in inadequate gripping capabilities of the unit.**
Never hold the SuperSqueeze open while climbing; doing so will result in inadequate gripping capabilities of the unit.

A secondary fall protection device must be used when transitioning above or below an obstruction (i.e. the Outer Strap is disconnected to relocate it above or below an obstruction on the pole).

Before use, ensure locking mechanisms of Locking Carabiners / Snaphooks and Serrated Rotosnap are functioning properly. Never disable locking mechanisms, gates, punch holes in, or alter a connecting device or this product in any way.

Make sure each Carabiner / Snaphook and Serrated Rotosnap is positioned so that its keeper / gate is never load bearing.

With each use, visually check that Carabiners / Snaphooks freely engage the body belt D-rings and that the keeper / gate is completely closed and is facing outward. Never rely solely on the feel or sound of a snaphook or carabiner engaging.

With each use, visually check that the Serrated Rotosnap engages the WebGrab eye and that the keeper / gate is closed and facing outward.

When in the work position, ensure there is no pressure on the Snaphook 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.

Never let the WPFRD fall below waist level while ascending, descending, or working.

NOTE: When transitioning above or below obstructions such as cross arms, transformers, cable battery relay boxes, working on a faulty cut out, etc., the WPFRD must be used with a secondary positioning device to prevent the possibility of falling down the pole in the event of a cut-out.

Never allow the D-ring and the Serrated Rotosnap to come into contact with each other.

Ensure all connections are complete and proper before climbing.

For personal use only. NOT for towing or hoisting.

If a fall or impact loading has occurred the WPFRD should be removed from service and returned to Buckingham Mfg. for inspection or inspected by a trained and qualified, user’s company approved inspector.

NOTE: Unit must be taken out of service and replaced if there is any question regarding it being safe for use.

All affixed labels should be left in place and all instructional material be kept for future reference.

Avoid contact of this equipment with chemicals, sharp edges, abrasive surfaces, high temperature surfaces, welding, or other heat sources, electrical hazards, or moving machinery.

Never work without independent fall protection if there is danger of a fall.

Ensure a rescue plan and resources are in place before climbing.

Employer – instruct employee as to proper use and warnings before use of equipment.

This Product meets applicable criteria of OSHA 1926.502(e), and ASTM F887-11 (Type AB) as manufactured and through proper use of the product.

Product covered under these instructions / warnings should not be resold, redistributed, or re-used after use by the original user.

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 (such as Dawn) and allow to dry thoroughly without using excessive heat. Use Rainbow Cleaner and Degreaser (PN 4305) if the Woven Web becomes excessively dirty / coated with pole preservatives such as creosote / penta. Follow manufacturer’s instructions. It may be helpful to gently scrub using a soft brush prior to rinsing. Rainbow products are available at www.rainbowtech.net. Do not use any type of corrosive substance or acid, which will gradually degrade the fabric. Note: Rainbow cleaner is a highly flammable material. Therefore, manufacturer’s directions and warnings must be followed. In addition, materials cleaned with this product must be thoroughly rinsed with water and allowed to dry prior to use.

LUBRICATION: Lubricate lock mechanisms, keepers and gates of Carabiners / Snaphooks at least weekly or as often as required to maintain smooth operation (no binding). Use a lightweight lubricant such as WD-40®.

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

Patent Pending

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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.