

# BUCKINGHAM MFG.

## BuckSLAP™ (Stationary Line Anchor Point)

### Instructions and Warnings

The PN 3913 BuckSLAP™ (Fig. 1) is designed as a canopy anchor device for remote or manual installation in the canopy of a tree to provide an approved anchor.



Note: Product color may vary from what is shown

**Inspect Prior to Each Use:** inspection should include but not be limited to the following:

#### **Inspection:**

PN3913 BuckSLAP™:

- Inspecting your PN 3913 BuckSLAP™ (Fig. 1) should be a continuous process of observation before, during, and after each use.
- Ensure:
  - the contrasting color stitching on both sides of the product are intact and free of defects.
  - the webbing is free of cuts, fraying and excessive wear.
  - the friction rings are free of nicks, burrs and excessive wear.

#### **Climbing Line:**

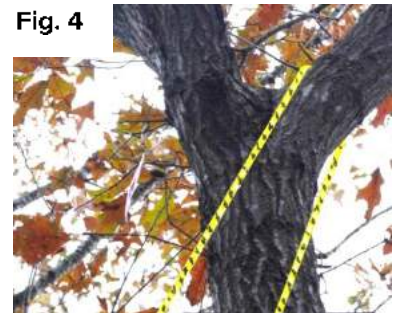
- Inspecting your climbing line should be a continuous process of observation before, during, and after each use.
- Ensure:
  - Inspect rope fibers for signs of excessive wear, burns, cuts, abrasions, kinks, knots, hockling, ice buildup, broken strands in any given area of the rope.
  - Both outer and inner fibers contribute to the ropes strength. If either is worn, the rope will naturally be weakened. Open the rope strands and look for powdered fiber, which is one sign of internal rope wear.
  - Inspect the rope for frayed strands and broken yarns. Check for pulled strands. A pulled strand should be re-threaded into the rope if possible, otherwise it may snag on a foreign object during use.
  - Inconsistent texture or stiff areas can indicate excessive dirt / grit embedded in the rope or shock load damage. Check that rope has not become hard or compacted. A hard or compacted rope indicates reduced strength.
  - Inconsistent diameter (flat areas, bumps, or lumps). This condition indicates core or internal damage from overloading or shock loading.
  - With use, all ropes become dirty. Inspect for areas of discoloration that could have been caused by chemical contamination and may result in the rope becoming brittle or stiff.
  - Glossy or glazed areas that generally indicate signs of heat damage.
  - Rope, rope splicing, whipping is in place, rope stitching is free of defects, stitched eyes must have a protective cover (shrink tube) over the stitching and the cover must not be damaged, missing or torn.
  - Do not use lanyard that has the ropes warning center / core exposed.

#### **Installation:**

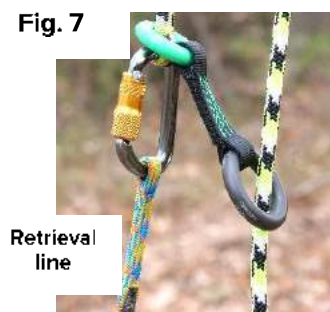
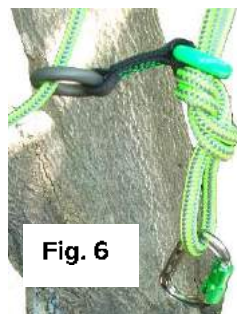
Note: The BuckSLAP™ is designed to be used only on 3 ½" diameter limbs and larger.

##### **A. Remote Installation:**

1. Install the throw bag and throw line over the desired limb, making sure no branches are in the bite (inside) of the system (Fig. 2).
2. Lower the throw bag to the ground and untie it from the throw line.
3. Insert the working end of the climbing line (end with eye) through large ring and attach the throw line to the climbing line using a clove hitch (Fig. 3).
4. Using the throw line, pull the climbing line up and over the limb and back down to you (Fig. 4).



5. Insert the working end of the climbing line through the small ring (BuckViz Green ring) and attach an ANSI Z359.12 rated triple action carabiner to the eye of the climbing line (Fig. 5) or tie a Figure 8 on a bight in the end of the working end of the rope and after properly dressing and setting the knot attach an ANSI Z359.12 rated triple action carabiner to the loop of the Figure 8 on a bight knot tied in the climbing line (Fig. 6). Note: ensure the carabiner is oriented with the spine of the carabiner parallel to the climbing line so it will be loaded along its major axis.
6. Attach your retrieval line to the carabiner (installed in step 5 above) being used as a stopper against small BuckViz Green ring or installed in the loop of the Figure 8 knot on a bight (Fig. 7 - 8) (Not necessary if the user plans to manually retrieve the BuckSLAP™).
7. Pull on the running side of the climbing line (the side opposite the carabiner / knot) to raise the BuckSLAP™ into the tree, continue pulling until the BuckSLAP™ is flush against the limb, cinching in place (Fig. 9 - 10).
8. Climbing line and the BuckSLAP™ are now installed in the tree (Fig. 11 - 12).
9. While standing on the ground pull down on climbing line to test the anchor and verify the system is set up correctly.



## B. Manual Installation:

1. Insert the working end of the climbing line (end with eye) through large ring (Fig. 13).
2. Feed the climbing line through the large ring and pass the climbing line around the trunk or limb of the tree (Fig. 14).
3. Once the climbing line is around the trunk or limb of the tree, insert the working end through the small (BuckViz Green) ring and attach an ANSI Z359.12 rated triple action carabiner to the eye of the climbing line (Fig. 15) or tie a Figure 8 on a bight in the end of the working end of the rope and after properly dressing and setting the knot attach an ANSI Z359.12 rated triple action carabiner to the loop of the Figure 8 on a bight knot tied in the climbing line (Fig. 16). Note: ensure the carabiner is oriented with the spine of the carabiner parallel to the climbing line so it will be loaded along its major axis and with the gate of the carabiner positioned away from the tree or limb.
4. Pull on the running side of the climbing line (the side opposite the carabiner) to cinch the BuckSLAP™ against the trunk or limb of the tree (Fig. 17 - 18)
5. Test the anchor to verify the system is set up correctly.



Fig. 13



Fig. 14



Fig. 15



Fig. 16



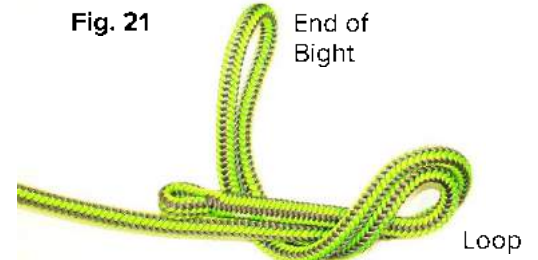
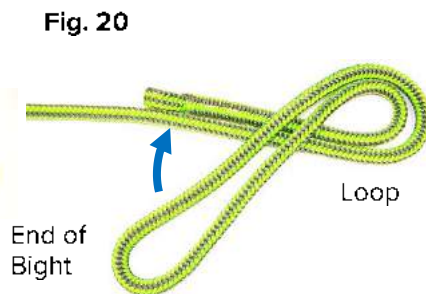
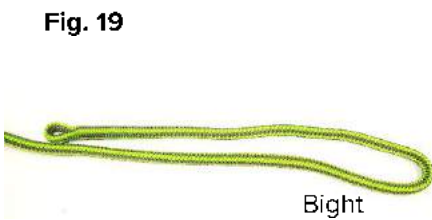
Fig. 17



Fig. 18

**Tying Figure B on a Bight:**

1. Form a bight in the end of the rope (Fig. 19)
2. Make a loop with the bight of rope (Fig. 20)
3. Pass end of the bight behind the main rope and through the loop (Fig. 21 - 22)
4. Dress the knot and pull the loop and ends of the rope to set / tighten (Fig. 23 - 24)



**Retrieval:**

1. Tie a knot near the end of the climbing line and attach the throw line (Fig. 25)
2. Pull down on the previously installed retrieval line. If the line has a clear path to the ground or there is little friction in the system, the BuckSLAP<sup>®</sup> may drift to the ground unaided (Fig. 26). If this does not happen due to redirects or added friction, the knot will pass through the large ring and catch onto the small ring, dislodging the BuckSLAP<sup>®</sup> (Fig. 27)
3. The BuckSLAP<sup>®</sup> can then be lowered without freefall.

Fig. 25



Fig. 26



Fig. 27

### Warnings:

- Know the job and the regulations governing performance requirements and select the proper equipment.
- Read carefully, understand, and heed these and all other included 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, contact Buckingham Manufacturing Co. at 1-800-937-2825.
- All affixed labels / markings should be left in place / unaltered and all instructional material kept for future reference.
- This equipment is intended for use by properly trained professionals only.
- This product is designed to be used by a person with a maximum weight of 350 lbs. when fully equipped.
- The BuckSLAP<sup>®</sup> is designed to be used only on 3 1/2" diameter limbs and larger.
- 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 all equipment subjected to impact loading.
- Before each use check that: 1) unit is free of burns, cuts, abrasions, kinks, knots, broken strands, excessive wear or evidence of impact loading. 2) Rings are not bent, distorted, cracked, corroded or show signs of excessive wear. Remove from service, destroy and discard unit if it does not pass this inspection and replace immediately.
- Avoid contact of this equipment with sharp edges, corners, abrasive surfaces or pointed tools, high temperature surfaces, welding or other heat sources, electrical hazards or moving machinery. (Be aware of the products position / placement on the pole or tree at all times in relation to the operations being performed. Use extreme caution when performing operations such as cutting, drilling, sawing, etc. Always perform this type of work well above the BuckSLAP<sup>®</sup> and all associated lanyards and lifelines to avoid the potential of tool contact with the them, causing damage which may result in a fall, serious injury or death). Sharp and abrasive surfaces may include but not be limited to (sheet metal, steel, concrete, block, stone, laminated materials etc.)
- Avoid exposing equipment to chemicals which may produce a harmful effect. Contact manufacturer if in doubt of damage by chemical exposure
- Only Buckingham Mfg. Co., or those authorized in writing by Buckingham Mfg. Co., may make repairs to this equipment.
- Remove from service if subjected to impact loading. Even though no visible signs are present, internal damage may have occurred thus reducing its strength and margin of safety.
- This product is intended for work positioning only.
- Do not use this product for material handling purposes.
- Product covered under these instructions / warnings should not be resold / redistributed or re-used after use by original user.
- Know and follow the current ANSI Z133 Standard.

## NOTES:

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

## 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.

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