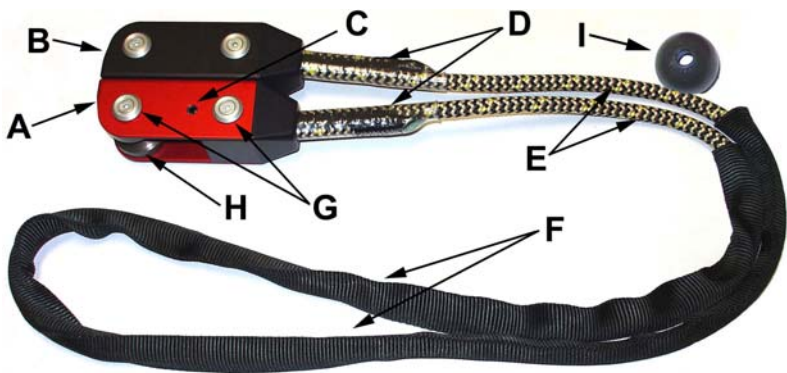


# Buckingham Mfg. Co. Inc.

## 5006S BuckBlocks – Climbing System Instructions / Warnings



### Parts Description

- A –(Red Block) Small Inside Dimension
- B –(Black Block ) Large Inside Dimension
- C – Retrieval Ball Stop Pin
- D –Stitched Eyes with protective shrink tube
- E - 3/8" Diameter Rope
- F – Nylon Tube Wear Guard
- G - Allen Head Screws (4)
- H – Sheaves (2)
- I - Retrieval Ball


### Additional Equipment (not included)

- 1 - Throw Line
- 2 - Throw Bag
- 3 - Big Shot (Throw Bag Launcher for extreme vertical distances, not shown)

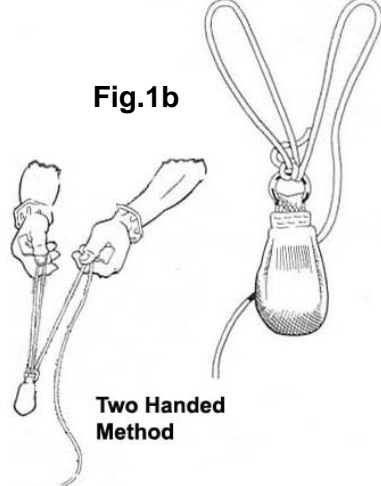
BuckBlocks - Climbing System is designed to ease climbing, reduce premature wear on climbing lines and eliminate damage to tree limbs normally caused by excess friction.

The 5006S is manufactured with each of the blocks having a contrasting color (Red / Black) to help identify the large or small inside dimension. A retrieval Ball Stop Pin (C) has been inserted into the red block to decrease the size of the inside rope opening.

### INSTALLATION:

1. Install throw bag and throw line over desired limb as shown in Fig. 1a. or 1b. below.
  - a. Tie a slippery half hitch in throw line. This will provide a good finger hold. Then swing back and forth and toss into tree.
  - b. Pass the throw line back through the steel ring creating two finger holds. Then swing back and forth between the legs and toss into tree. Both techniques achieve great distance & accuracy.
  - c. As an option, use the Big Shot (PN 1027) to launch throw bags greater vertical distances.
2. Once in position over the limb, lower the throw bag to the ground. Feed the free end of the throw line through the black block from the inside out (magnet side) [see Fig. 2 for inside and outside]. Continue to pull all the throw line through the black block until the slack is taken up being careful not to lift the throw bag off the ground.

One Handed Method



Two Handed Method
3. Untie the throw bag and feed that end through red block from the inside out (magnet side) leaving a few feet of slack.
4. Feed the slack end of the throw line through the Retrieval Ball and attach the throw bag onto the throw line using a clove hitch (see Fig.3).



5. Pull on the throw line opposite the throw bag to raise the 5006S into tree.
6. When the 5006S is just below the limb, quickly flip it up and over the limb, so it does not get hung up.
7. Lower the throw bag to ground and disconnect.
8. Attach the throw line to the climbing line eye using a clove hitch. If the climbing line has no eye, attach using a series of 3-4 half hitches with a clove hitch tied 2 -3" in from the end of the climbing line. Then simply pull the climbing line up and over the sheaves making sure the blocks snap together at the magnets.
9. Climbing line & BuckBlocks are now installed in tree.

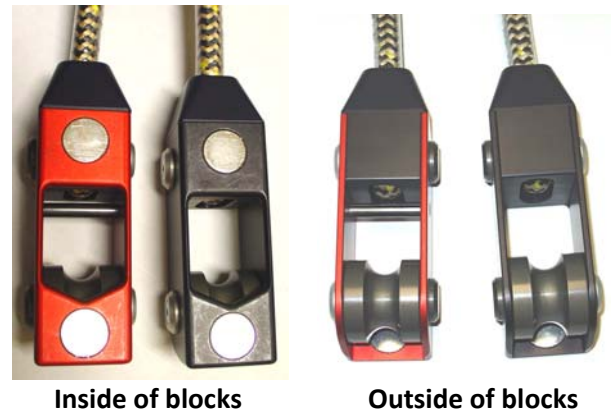


Fig. 2



Fig. 3

### TO RETRIEVE BuckBlocks - CLIMBING SYSTEM FROM TREE

1. Feed the throw line through the Retrieval Ball and tie a surgeons (3 turns min.) knot approximately 18 " from the end of the throw line (Fig. 4).

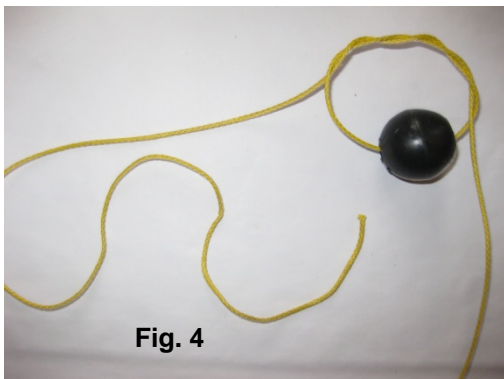


Fig. 4

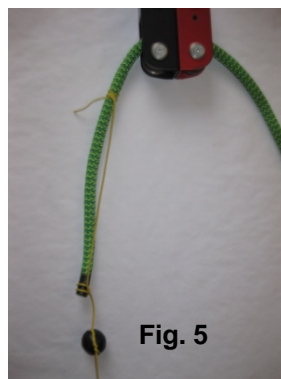


Fig. 5

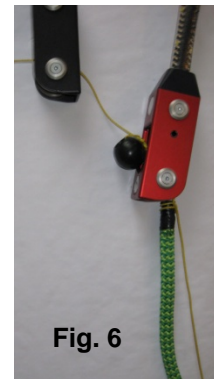


Fig. 6

2. Tie the throw line to the end of the climbing line that is leading into the Black Block, making sure the Retrieval Ball hangs below the climbing line (Fig. 5).
3. Raise the Climbing Line up and through the black block by pulling on the opposite side of the climbing line. The Retrieval Ball will then make contact with the Retrieval Ball Stop Pin of the red block and separate the two blocks (Fig. 6).
4. Give a slight tug and BuckBlocks will flip over the limb. Now you can control descent with your throw line. Use of a throw line also ensures your BuckBlocks will not become stuck in the tree.

### FEATURES

The 5006S offers consistent friction when working in different positions in the tree.

### WARNINGS

- 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.
- Be certain this equipment is suitable for the intended use and work environment. 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.
- Use a maximum of ½" diameter climbing line only.
- ½" is our recommend climbing line diameter, however a smaller diameter climbing line may be used provided the climbing line is rated adequately for the application.
- Avoid contact of this equipment with high temperature surfaces, welding or other heat sources.
- Use equipment only for the specific purpose for which it is designed and intended. (This device is to be used for personal use only. Do not use for rigging).
- Never tie knots in the rope of this device. Knots can reduce the strength up to 50%.
- Use only with equipment meeting standards for intended use.
- Before each use check that: 1) Entire unit as well as stitched eyes are free of burns, cuts, abrasions, kinks, knots, broken strands, broken stitches, missing or unraveling thread, excessive wear or evidence of impact loading. 2) Blocks are not bent, distorted, cracked, corroded or show signs of excessive wear. Ensure that the Allen screws are tight, rollers turn freely, are free of nicks or burrs and are not distorted. Remove from service and forward to a competent person for inspection and if deemed necessary return to Buckingham Mfg. for inspection and rework.
- Never use BuckBlocks independently of each-other.
- Never wrap rope of BuckBlocks around a sharp structural member. The material could be cut or damaged.
- To control descent of BuckBlocks, use throw line while removing. Failure to control descent could result in personal injury or property damage. Make sure throw line is long enough for removal process.
- Employer - instruct employee as to proper use and warnings before use of equipment.
- Read, understand and follow all instructions and cautions attached to and/or packed with product before using this equipment.
- Know and follow the ANSI Z133.1 Standard.



**Rope Inspection:** Avoid using rope that shows signs of aging and wear. If you have any doubt or questions regarding used rope being safe for use, destroy and replace it. No type of visual inspection can be guaranteed to accurately and precisely determine actual residual strength. When the fibers show wear in any given area the rope should be replaced.

Check the line regularly for frayed strands and broken yarns. Pulled strands should be rethreaded into the rope if possible. A pulled strand can snag during a rope operation.

Both outer and inner rope fibers contribute the strength of the rope. When either is worn, the rope is compacted or hard which indicates its strength and dielectric properties are compromised.

**Cleaning, Maintenance & Lubrication:** Proper maintenance and storage of your equipment will prolong its useful life and contribute toward its performance. Soiled BuckBlocks – Climbing Systems should be cleaned with water and mild soap (a dish washing soap that removes grease (i.e. Dawn)) and be allowed to dry thoroughly without using excessive heat. Lubricate sheaves on both sides as often as required to maintain smooth operation (no binding) with light weight lubricant such as WD-40®. Buckingham recommends using either of our optional mesh storage bags (PN 4561G1 or PN 45400G1-9) for the storage of your 5006S BuckBlocks. The screws threads used in the BuckBlocks have been coated with Blue Loctite® 242 thread sealant during manufacture. If BuckBlocks are disassembled re-apply a low to medium strength thread sealant (Loctite® or equivalent) to the screw threads prior to assembly to prevent the screws from loosening. Screws may not be removable if a permanent type thread sealant is used.

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

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.

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