

Buckingham Mfg. Co., Inc.

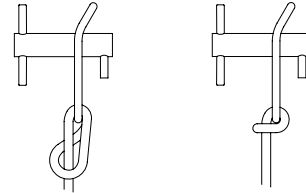
INSTRUCTIONS AND WARNINGS

PORT-A-WRAP

(MODEL NUMBERS. 601, 601L, 601M, 602AL and 602AM)

- Note:** The P/N 601 Series Unit is intended to be used with up to 5/8" diameter rope.
The P/N 601M / 602AM Series Unit is intended to be used with up to 1/2" diameter rope.
The P/N 601L / 602AL Series Unit is intended to be used with up to 3/4" diameter rope.

1. Attach sling to the Port-A-Wrap with a girth hitch or clevis shackle.



2. Secure the Port-A-Wrap to tree using either a Timber hitch or a Stillson (cow) hitch. Keep the throat of the sling as short as possible. The Stillson hitch has less of a tendency to move.

Figures 1 through 7 illustrate the methods used to tie each hitch

Timber Hitch

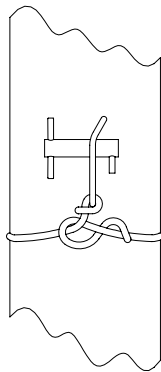
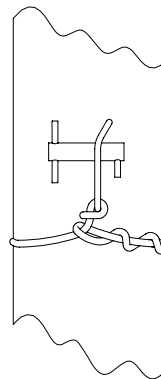


Figure 1



Use at least 5 tucks
spread around circumference

Figure 2

Stillson Hitch

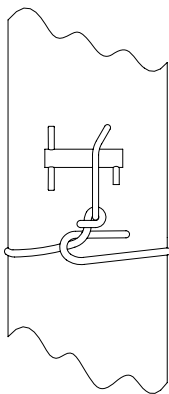


Figure 3

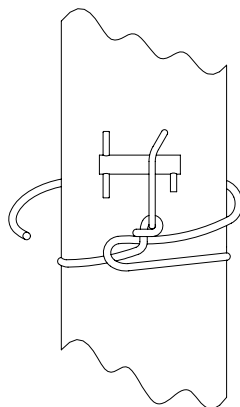


Figure 4

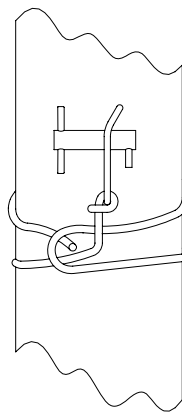


Figure 5

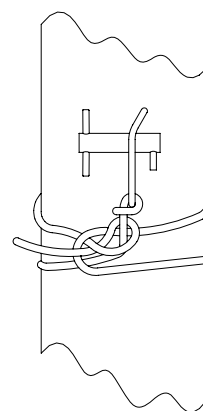


Figure 6

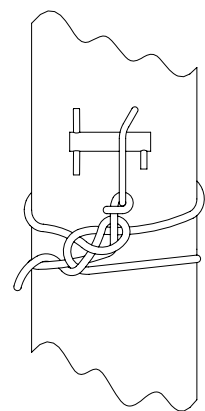
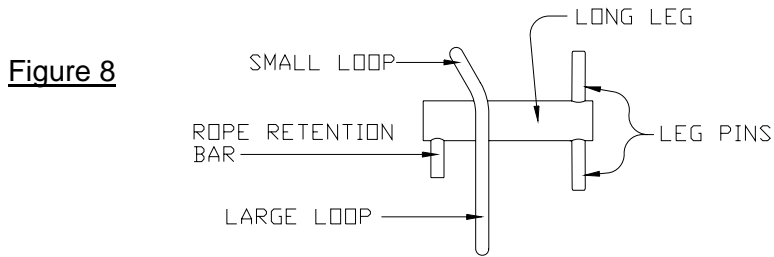


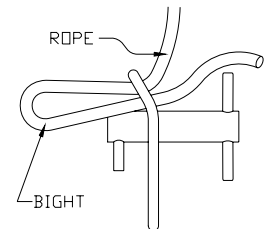
Figure 7

Figure 8 details parts of the Port-A-Wrap that are referenced in the following use instructions.



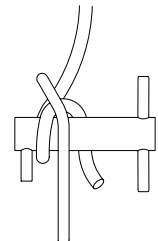
- To use the Port-A-Wrap begin by passing a loop (bight) of rope through the "small loop" as shown in figure 9.

Figure 9



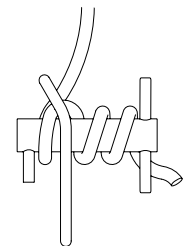
- Continue by looping the rope around the "short leg" of the Port-A-Wrap, ensuring the rope is captured between the "rope retention bar" and the "large loop" Pass the rope back through the "small loop" (figure 10).

Figure 10



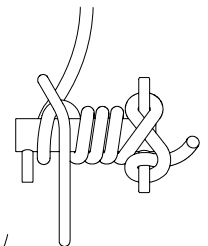
- Wrap the rope around the "long leg" of the Port-A-Wrap using a minimum of 1½ wraps. The number of additional wraps will be determined by the weight of the piece being lowered (figure 11).

Figure 11



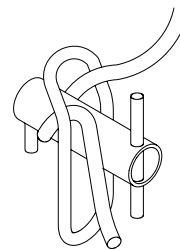
- To hard-lock off, take one or two extra wraps around the "long leg" of the Port-A-Wrap and form a half-hitch around the top "leg pin" and then the bottom "leg pin". (Figure 12).

Figure 12

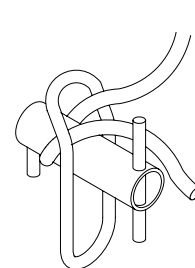


When working with light loads, a single wrap on the "short

leg" may be used. In this case, the running end of the rigging line should cross back over the top of the Port-a-wrap and exit on the same side as the standing part. Failure to do so could result in the rigging line binding between the "small loop" and the "body". (Figures 12A and 12B) [The direction of the running end can be changed by reversing the bight of rigging line when threading the Port-A-Wrap.]



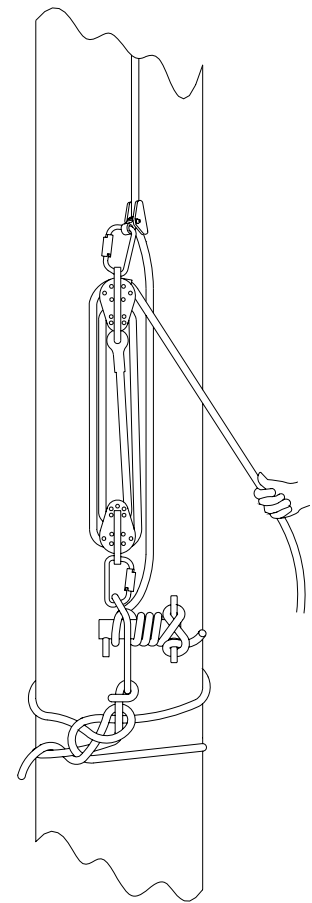
**Incorrect
Figure 12A**



**Correct
Figure 12B**

7. The Port-a-wrap may be used to either lower or lift a limb. Figure 13 depicts a typical method for rigging a block and tackle with the Port-A-Wrap to lift a limb. Note unit is hard locked. Shown are P/N 601BT block & tackle, P/N 5004A ascender and P/N 5555SA carabiners.

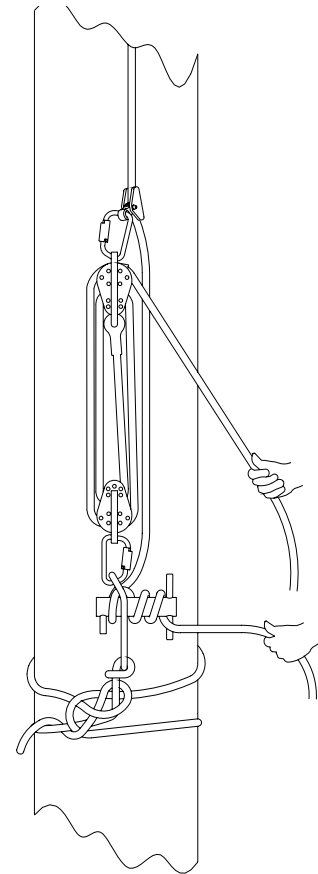
Figure 13



8. To lift up on the limb, simply unlock rope from the Port-A-Wrap and pull rope from block & tackle down, taking up slack on rigging line as you do so (figure 14).

Figure 14

9. When no more line can be passed through the block and tackle, hard lock the Port-A-Wrap, release rope from block cam and slide ascender back up the rigging line using a fiberglass pole or branch. Repeat step 8 until the limb is in the desired position.
10. To remove the block and tackle from the rigging line: Hard lock the Port-A-Wrap. Release rope from block cam. Disconnect carabiner from the Port-a-wrap and remove the ascender from the rigging line.



CAUTION

- Port-A-Wrap should only be used with the proper diameter rope (ref. page 1):
601 series – up to 5/8" diameter rope
601M / 602AM series - up to 1/2" diameter rope
601L / 602AL series – up to 3/4" diameter rope
- Recommended working load is defined as the maximum load that may be routinely applied to a component or an assembly when used in the manner outlined by these Instructions/Warnings.
 - Recommended Working Load (P/N 601) Small Steel Port-A-Wrap: 2000 lbs.
(6 to 1 safety factor)
 - Recommended Working Load (P/N 601L) Large Steel Port-A-Wrap: 2000 lbs.
(9 to 1 safety factor)
 - Recommended Working Load (P/N 602AL) Large Aluminum Port-A-Wrap: 2000 lbs.
(7 to 1 safety factor)
 - Recommended Working Load (P/N 601M) Mini Steel Port-A-Wrap: 1000 lbs.
(7 to 1 safety factor)
 - Recommended Working Load (P/N 602AM) Mini Aluminum Port-A-Wrap: 1000 lbs.
(6 to 1 safety factor)
- Always keep hands and debris away from the Port-A-Wrap when lowering limbs.
- Do not stand directly under the limb being lowered or under work being performed above.
- Know the working loads and limitations of your rope and equipment and as a minimum, ensure they match that of the Port-A-Wrap.
- Minimize shock loads on the Port-A-Wrap and all other rigging equipment.
- To avoid damage to the unit, **minimize log free fall distance.**
- Connecting devices must be destroyed if subjected to impact loading.
- Always wear gloves when using the Port-A-Wrap.
- Stand a safe distance from the Port-A-Wrap during operation.
- When limb or other piece is being lowered, let out enough rope to ensure the piece cannot swing back and contact the climber's legs or feet.
- Always maintain control of the descent of the limb being lowered.
- This equipment is intended for use by properly trained professionals only.
- 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.
- Always check that connecting links are completely closed and securely locked before each use.
- Before each use, check that your equipment is free of burns, cuts, abrasions, kinks, knots, broken strands and excessive wear. Remove from service, destroy and discard equipment if it does not pass this inspection and replace immediately.
- Product covered under these instructions / warnings should not be resold / redistributed or re-used after use by original user.
- 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.

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

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