

Buckingham

MANUFACTURING CO.,

Binghamton, NY

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P/N 5004HAS Single Line Handled Ascender Kit

Instructions / Warnings

Read carefully, understand, and heed these instructions, warnings, and cautions before using this equipment. Failure to do so could result in serious injury or death.

Buckingham's P/N 5004HAS Handled Ascender Kit is used on a single climbing line and greatly reduces the energy needed on long climbs. The kit and any of its components must not be used for any other purpose.

The P/N 5004HAS Handled Ascender Kit consists of the following components:

- P/N 5004SO Ascender Sling
- P/N 5004HAO Handled Ascenders

ASSEMBLY

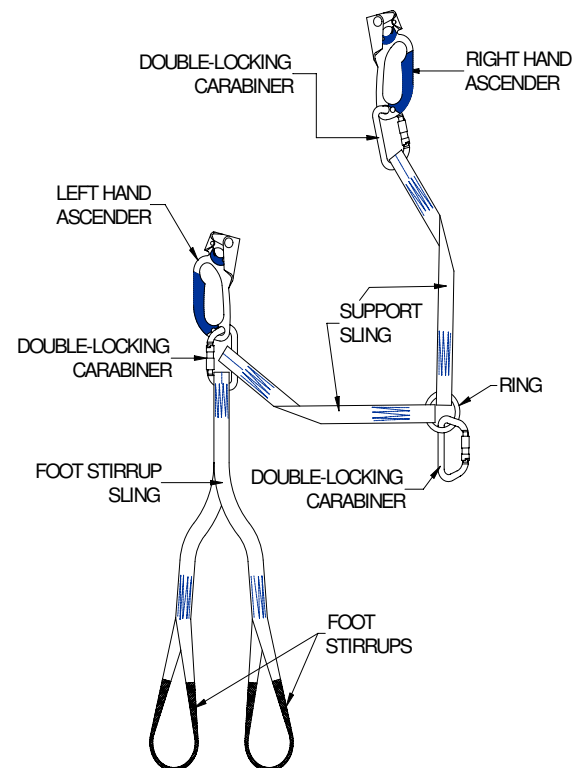
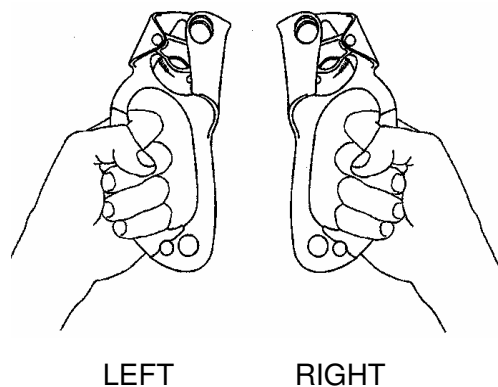


Figure 1

1. Attach end of "foot stirrup sling" and one end of "support sling" to left hand ascender using a double-locking carabiner (not included) (See Figure 1).
2. Attach other end of "support sling" to right hand ascender using a double-locking carabiner (not included)
3. Attach double-locking carabiner to ring on "support sling".

INSTALLATION INSTRUCTIONS

1. Use only 1/2" diameter rope with ascenders.
2. Pull the cam downward by working the catch with the thumb and locking it on the body of the device.
3. Unlock the catch to free the cam so that it pushes against the rope. See Figure 2.

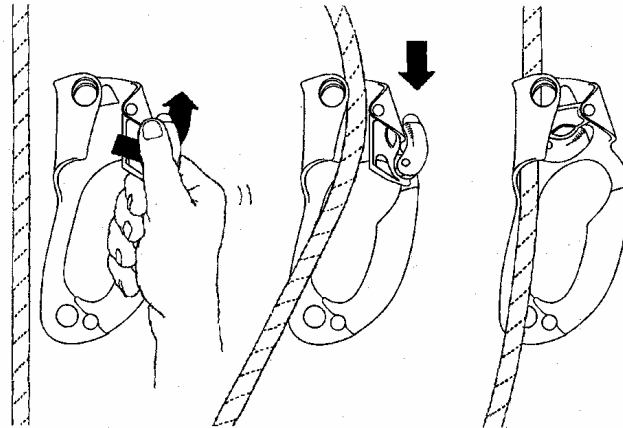


Figure 2

4. Repeat process with right hand ascender and install on rope above the left hand ascender. See Figure 3.

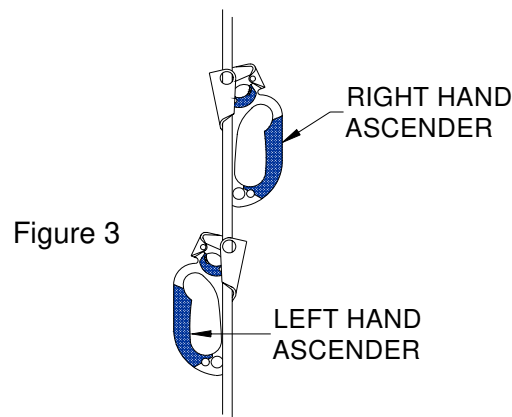


Figure 3

5. Attach carabiner on ring from support sling to suspension dee ring(s) on climbing saddle.

CLIMBING INSTRUCTIONS

1. Slide right hand ascender up climbing line as far as possible and suspend from support sling.
2. Insert feet into foot stirrups.
3. To climb:
 4. stand up
 5. slide right hand ascender up
 6. suspend from support sling
 7. while lifting feet, slide left hand ascender up
 8. repeat steps 1-4 until you have reached your destination
 - Hint - When beginning ascent, have someone keep downward pressure on the climbing line from below. This will enable the climbing line to travel freely through the ascenders.

4. P/N 5004HAS is for ascension only. Once you have reached your destination, secure yourself using a safety lanyard. Remove the ascenders from the climbing line and tie in with a split-tail or traditional climbing system.

REMOVING ASCENDERS

1. To remove ascenders from climbing line, pull downward on cam while lifting upward on ascender. Failure to lift upward on the ascender may result in cam teeth picking strands of the climbing line.
2. Lock cam and remove the ascender from the climbing line.

INSPECTION

Prior to each use, carefully inspect each component. The inspection should include, but not be limited to the following:

- Ascender - Cam and catch are free of obstructions and move freely.
- Rope - Inspect for cuts, kinks, abrasions, burns, broken fibers, chemical or physical exposures, excessive wear, or discoloration.
- Carabiner - Ensure locking device and gate operate freely and smoothly. Inspect for cracks, distortion, corrosion or nicks.

WARNINGS

- Always visually check that the carabiner gate is completely closed. Never rely solely on the feel or sound of a carabiner engaging.
- Fall protection equipment, (i.e. fall arrest, work positioning belts and straps, climbers, retrieval, suspension etc.) should not be resold or provided to others for re-use after use by original user.
- Be certain the carabiner is positioned so that its gate is never load bearing.
- Never disable the locking mechanism on the carabiner, punch holes in, or alter a connecting device in any way.
- Guard against anything which could block the action of the cam (pebbles, twigs, etc.).
- Beware of catching the safety catch in clothing and webbing.
- Do not continue to use this product after a fall. Even though no visible signs of damage may be evident, internal damage may have occurred, thus reducing its strength and its margin of safety.
- Use this product above a minimum temperature of -40° C (-40° F) and below a maximum temperature of 80° C (176° F).
- Product covered under these instructions / warnings should not be resold / redistributed or re-used after use by original user.

MAINTENANCE

- Proper maintenance and storage of your equipment will prolong its useful life and contribute toward its performance.
- Clean equipment with water and mild soap and allow to dry thoroughly.
- Avoid contact with corrosive or aggressive materials.
- Do not store at extreme temperatures.

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