Care and Maintenance

Carefully clean and dry these ascenders after each use to remove any dirt or foreign material and any moisture. Visually inspect each ascender to check for any visible damage or sharp edges or burrs that may catch the rope. Minor burrs or sharp edges may be smoothed with a fine abrasive cloth before cleaning. Check to insure that the cam and safety mechanisms still move smoothly through their full range of motion. Store in a clean, dry place.

Removal from Service

These ascenders should be removed from service if they are dropped from great height, exposed to heat sufficient to alter their surface appearance, or if distortion of any part is apparent, or if the teeth of the cam become worn, or if any cracks are apparent, or if they have any scratches or gouges of more than a superficial nature. If you have any doubts about the integrity and safety of these ascenders, please return them to the manufacturer for inspection and refurbishment.

CMI Ascenders Cam Wear-out Guarantee!

Our ascenders feature a new coating process on the cam. This sophisticated new alloy combination yields a long-wearing super hard finish. The surface treatment is part of a new family of gaseous applied processes that have been developed to increase corrosion resistance, impart superior wear characteristics and to produce a dark, aesthetically pleasing finish.

The cams in our ascenders are so good…

If you ever wear one out, we'll replace it FREE! We're so confident that these are the best parts in the world that we took them off our price list - you'll never have to buy one. Ever.

For your own safety please read:

Activities such as but not limited to rock climbing, caving, technical rescue, and tree trimming are potentially hazardous by their very nature.

Any person using CMI equipment in any manner is personally responsible for learning the proper techniques through personal instruction by an instructor competent in all safety techniques and backup systems. This device is designed and sold as a tool for ascending vertical or near vertical ropes of 9mm to 16mm, and fixed ropes of 5mm to 8mm in diameter.

CMI makes no claims as to suitability for any other purpose. As with any ascending system, 3 points of contact should be maintained with the rope at all times to provide backup in the event an ascender comes off the rope.

There are no warranties which extend beyond the description on the face hereof. This product is sold "as is" without implied warranties of fitness or merchantability.

The purpose of this enclosure is to demonstrate how to attach the CMI EXPTWIN ascender to the rope. It is not a substitute for proper instruction!

Never forget! Your life may depend upon your equipment. Inspect all equipment before every use!

!CAUTION!

Always know the maintenance and use history of your climbing equipment. The use of "second hand" equipment is STRONGLY discouraged.

! WARNING!

Failure to follow these warnings increases the risk of injury or death. You are responsible for your own actions and decisions. This product is designed for climbing only. Climbing is inherently dangerous. Special knowledge and training are required to use this product.

CMI

ARBORIST EXPTWIN ASCENDER

-MBS 3300 lbs/ 14 kN
-Aircraft Alloy Construction
-Proven Cam Design

Engineered & Manufactured
in the USA by:
CMI, PO Box 535, Franklin, WV 26807
1-800-247-5901

Visit our website at:
www.cmi-gear.com
or email info@cmi-gear.com

The first single-handled dual ascender designed to meet the needs of industry leading professionals. The EXPTWIN easily accommodates three rope techniques - 2:1 doubled rope technique (DdRT), 1:1 single rope technique (SRT), and 1:1 twin line ascent (DbRT). It is intuitive and easy to use, has redundant safety features, and is the first ascender on the market to use one finger to actuate both cams for one handed downward adjustability.

The photos on both the left and right show the EXPTWIN as it would be used in the upward or climbing movements. Notice that in the picture on the left, the finger ring is held up in place by the additional safety ball detent pin. In this position, the finger ring will move along with the cam. The finger ring will not affect the movement or working ability of the cam. Having the finger ring in this position may be helpful if climbing through a lot of brush or heavy branches in order to keep the finger ring tucked away. In the picture at right, the finger ring is hanging loose. Having the finger ring hanging loose may be helpful if a lot of upward and downward movement is necessary.

The photo at left shows the index finger in the finger ring with the cams in the closed position. The picture at right shows both cams open by way of the index finger simply squeezing downward. It is important to note that in the pictures at right and left, the ball detent pin is fully engaged into the ascender body. Having the pin engaged provides an additional safety when climbing in heavy brush or branches. If the black safeties were somehow opened, the ball detent pins are in place to stop the cams from coming open completely and allowing the rope to come out of the rope channels. The ball detent pin should always be in place when ascending or for any downward movement.

The photo on the left shows the thumb actuating the black safety in order to remove the ball detent pin. The black safety must be pushed down in order to remove the ball detent pin. The black safety must also be pushed down in order to reinstall the ball detent pin all the way down until the large lip of the pin is flush with the body. This additional safety movement for removal and installation of the ball detent pin adds an additional margin of safety to the EXPTWIN. The photo at right shows the ball detent pin removed and both cams in the open position for removal from rope or for installing the rope into the ascender. Note that both the index finger and thumb are used to hold the cams in the fully open position.