



Quality Gear for Life

SMC Model NFPA2203xx Spider Descender

Manufactured by Seattle Manufacturing Corporation
Made in USA



USER INFORMATION

CLASSIFIED BY UNDERWRITERS LABORATORIES EMERGENCY SERVICES AUXILIARY EQUIPMENT IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES NFPA 1983 (2006 edition) 20JF

THIS SPIDER DESCENDER MEETS THE AUXILIARY EQUIPMENT REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2006 EDITION

BEFORE USE

The techniques employed in the proper and safe use of this equipment may only be learned through PERSONAL instruction received from an instructor who is well-qualified in all phases of vertical rope work. Such instruction will include an evaluation of your comprehension of, and ability to perform, the tasks required to safely and efficiently use this equipment. Never attempt its use until you have received such instruction and are believed competent by your instructor. This device is designed to be used as a descender only and is designated for rope diameters ranging from 11 to 12.5 mm. The device has a MBS of 12kN for rope diameters of 11mm to 12mm.

The Spider Descender is rated NFPA Light Use, 13.5kN, with a rope diameter of 12.5 mm only.

INSPECTION FOR USE

Visually and by touch, inspect the component parts of this Spider Descender for cracks, distortion, corrosion, scratches or gouges, sharp edges or rough areas that might abrade a rope. Compare these parts with new ones if necessary to determine their condition. Remove each part from service if there is any doubt about its safety or serviceability.

SET UP FOR USE

- Check that handle and brake cam rotate freely.
- Orient Spider Descender with stainless sideplate facing you and brake handle facing left. Depress lock button and rotate open sideplate. Grasp tail of rope, pull rope in through the top rope slot, down and around the left side of brake cam and back up and out of rope slot again leaving rope tail on right. (Fig 1)
- Close sideplate completely ensuring that the lock button pops up to lock sideplate closed. (Fig 2)
- Before use, release handle and check that device brakes.
- Check panic stop by pulling handle down completely and grasping handle and connector together.

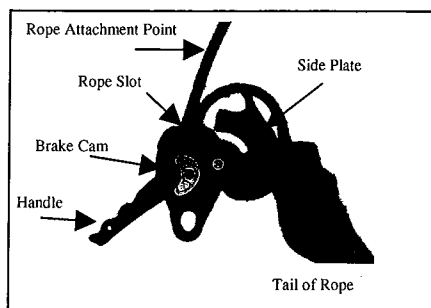


Figure 1

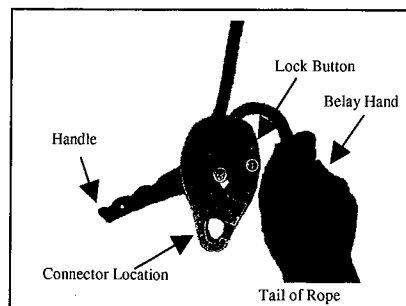


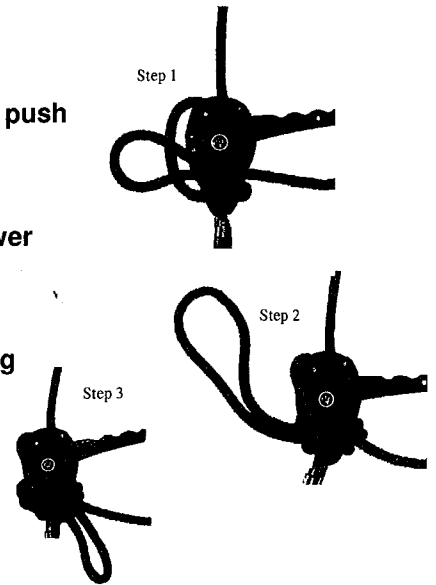
Figure 2

Spider Descender Tie-Off Methods:

Step 1. Wrap a large bite of rope around the lower body of the device and push the bite underneath the tail end of the rope.

Step 2. Bring the bite of rope back across and wrap it back around the lower body of the device.

Step 3. Finish with an overhand knot so that the bite of the rope is pointing towards the attachment point of the device.



MAINTENANCE AFTER USE

Carefully clean and dry all component parts of this device to remove all dirt or foreign material and moisture. Minor sharp edges may be smoothed with a fine abrasive cloth, before cleaning. Store in a clean, dry place.

REMOVAL FROM SERVICE

This Spider Descender should be removed from service if it has been dropped, or exposed to heat sufficient to alter its surface appearance, or if distortion of any part is apparent, or if any cracks are apparent, or if it has scratches or gouges of more than a superficial nature. The cost to inspect and repair component parts of this device that have sustained significant visible damage, or that may have been damaged by impact loading or other abuse, will exceed the cost of their replacement with new parts.

ADDITIONAL INFORMATION

Additional information regarding this type of equipment can be found in the following publications:
NFPA 1500, *Standard on Fire Department Occupational Safety and Health Program*
NFPA 1983, *Standard on Life Safety Rope and Equipment for Emergency Services*

RECORDS

It is suggested that the user of this Spider Descender keep a permanent record listing the date and results of each usage inspection. Such record should show, as a minimum, inspection for all of the following conditions: Cleanliness, Dryness, Corrosion, Distortion, Excessive wear on brake cam, Scratches, Gouges and Sharp edges, Presence of User Information sheet.

USE OF THIS USER INFORMATION SHEET

It is suggested that this User Information sheet be retained in a permanent record after it is separated from the Spider Descender and that a copy of it be kept with the device. It is suggested that the user refer to this User Instructions before and after each use of this device.

WARNING

- YOU COULD BE KILLED OR SERIOUSLY INJURED IF YOU DO NOT READ AND UNDERSTAND THE USER INFORMATION BEFORE USING THIS PIECE OF EQUIPMENT
- SPECIAL TRAINING AND KNOWLEDGE ARE REQUIRED TO USE THIS EQUIPMENT
- YOU MUST THOROUGHLY READ AND UNDERSTAND ALL MANUFACTURER'S INSTRUCTIONS BEFORE USE
- USE AND INSPECT THIS EQUIPMENT ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS



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This sheet has been prepared in accordance with the requirements of NFPA 1983(2006 edition)