



Quality Gear for Life



SUPPLEMENTAL NFPA INFORMATION

EMERGENCY SERVICES AUXILIARY EQUIPMENT IN ACCORDANCE WITH NFPA 1983-2012.

THIS SPIDER MEETS THE AUXILIARY EQUIPMENT REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2012 EDITION.

THIS SMC SPIDER HAS PASSED THE MINIMUM BREAKING STRENGTH AND HOLDING LOAD TEST USING THE FOLLOWING ROPES:

(PMI, Classic Pro Max, RR160BW001E, 16.0mm)

Also performs with similar ropes made by other technical rope manufacturers.

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 designed for rope diameters ranging from 11mm to 12.5mm. The device has a MBS of 12kN for rope diameters of 11mm to 12.5mm.

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

INSPECTION FOR USE

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

MAINTENANCE AFTER USE

Carefully clean and dry this Spider 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 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 a Spider that is visually damaged, or that may have been damaged by impact loading or other abuse, will exceed the cost of its replacement with a new model.

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 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
- Freedom from scratches, gouges and sharp edges
- Freedom from corrosion
- Freedom from distortion
- Excessive wear on brake cam
- User Information sheet present

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, and that a copy of it be kept with the Spider.

It is suggested that the user refer to this User Information sheet before and after each use of the Spider.

LIFESPAN

The service life of Spiders are largely dependent on the type of use and the environment used in. Under moderate use, with limited exposure to moisture, salt water, corrosive agents, excessive loads, shock loading and excessive wear, Spiders may last many years. However, many events such as taking a large dynamic load, dropping, or other events which cause physical damage, can reduce the lifespan of this Spider dramatically.

You must inspect your Spider frequently and take personal responsibility for evaluating its condition and retiring unsafe gear. Inspection is extremely important, but visual inspection only will not assure that damage has not occurred. If history of the Spider is unknown or if based on the history of the use of this Spider there is any doubt regarding the safety of this Spider, it should be removed from service. You should destroy retired gear to prevent future use.

LIMITED WARRANTY

SMC products are warranted to the original retail purchaser in accordance with the full Statement of Limited Warranty printed on our web site, www.smcgear.net. Items that are claimed to be defective must be returned under a pre-assigned Return Authorization/CC Number and should include a detailed description of the conditions existing during use of the item, the place and date of the original purchase as well as a copy of the original invoice or receipt. Items being sent in for inspection may or may not be returned if the product in question is deemed potentially unsafe or non-functional.

If you do not completely understand any of the outlined user instruction provided on this sheet or if you have any questions please contact SMC at 360-366-5534 or info@smcgear.net

SEE SETUP INSTRUCTIONS ON OPPOSITE SIDE

THIS SPIDER DESCENDER MEETS NFPA STANDARD 1983 (2012 ed.) NFPA "T" Technical Use Rated, MBS 13.5kN Rope ϕ 12.5mm



Made in the USA
Seattle Manufacturing Corporation
6930 Salashan Parkway
Ferndale, Washington 98248
800.426.6251 | www.smcgear.net

 WARNING

NOT DESIGNED AS A BELAY DEVICE; SHOCK FORCE LOADS MAY CAUSE ROPE FAILURE.

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.

THIS SHEET HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 1983 (2012 EDITION).

Manufactured by
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220377B

Information for your permanent records:

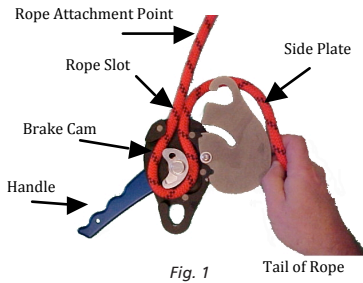
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Purchased From: _____

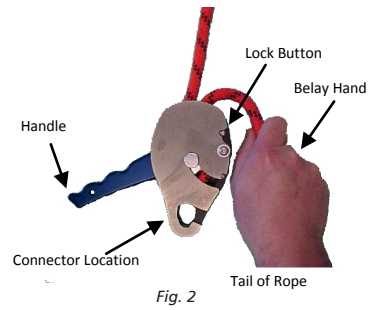
Part Number: _____

SET UP FOR USE

- Check that handle and brake can 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.

SPIDER DESCENDER TIE-OFF METHODS:

Steps:

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.



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



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

