



WARNING

YOU COULD BE KILLED OR SERIOUSLY INJURED IF YOU DO NOT READ AND UNDERSTAND THE USER INSTRUCTION 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.



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SUPPLEMENTAL NFPA INFORMATION:
EMERGENCY SERVICES CARABINER IN ACCORDANCE WITH NFPA 1983-2017. ALSO IN ACCORDANCE WITH ANSI/ASSE Z359.12-2009.

MEETS THE CARABINER EQUIPMENT REQUIREMENTS OF NFPA 1983, STANDARD ON LIFE SAFETY ROPE AND EQUIPMENT FOR EMERGENCY SERVICES, 2017 EDITION.

Standard	Major Axis	Minor Axis	Gate Open
NFPA G - General Use	40kN	11kN	11kN
NFPA T - Technical Use	22kN	7kN	7kN
ANSI Z359.12	22.2kN	16kN	NA

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.

It is the user's responsibility to determine the type of locking mechanism appropriate for their use and to insure the locking mechanism is properly functioning.

INSPECTION FOR USE

Visually and by touch, inspect this carabiner for cracks, distortion, corrosion, scratches or gouges, sharp edges or rough areas that might abrade a rope, normal gate action and normal locking sleeve travel and action. For auto lock models, assure the locking mechanism fully engages (automatically locks the gate) each time the gate closes.

Compare this carabiner with a new model if necessary to determine its condition. Remove it from service if there is any doubt about its safety or serviceability.

MAINTENANCE AFTER USE

Carefully clean and dry this carabiner to remove all dirt or foreign material and moisture. Minor sharp edges may be smoothed with a fine abrasive cloth, before cleaning. Lubricate all moving surfaces and all areas where the protective coating has been scratched, using a preservative such as LPS #1, or its equivalent. Wipe off all excess lubricant from all exposed surfaces. Store in a clean, dry place.

REMOVAL FROM SERVICE

This carabiner should be removed from service if it has been dropped, or exposed to heat sufficient to alter its surface appearance, or if the locking mechanism does not fully engage, 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 carabiner 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 INSTRUCTION

Additional Instruction 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 carabiner 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
- Proper gate action
- Proper lock sleeve travel and action
- Proper auto locking engagement
- User Instruction sheet present

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.com. 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.com.

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Information for your permanent records:

Date of Purchase: _____

Purchased From: _____

Part Number: _____

USE OF THIS USER INSTRUCTION SHEET

It is suggested that this User Instruction sheet be retained in a permanent record after it is separated from the carabiner, and that a copy of it be kept with the carabiner.

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

LIFESPAN

The service life of carabiners is largely dependent on the type of use and the environment used in. Under moderate use, with limited exposure to moisture, salt water, corrosive agents, major falls, and excessive wear, carabiners may last many years. However, many events such as cross loading, overloading, dropping, or other events, which cause physical damage, can reduce the lifespan of this carabiner dramatically.

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

ANSI SUPPLEMENTAL INFORMATION

ANSI Carabiners are clearly marked with designated ANSI Z359.12 2009 edition and 16kN.

ANSI designated carabiners meet the safety requirements for personal fall arrest systems, subsystems, and components of the ANSI/ASSE Z359.12 2009 edition standard.

Additional information regarding ANSI carabiners can be found in the following publications:

ANSI/ASSE Z359.12 2009 American National Standard, Safety Requirements for Personal Fall Arrest Systems, Subsystems, and Components: Section 3.2 and Section 4.3

CAPTIVE EYE PIN (If applicable)

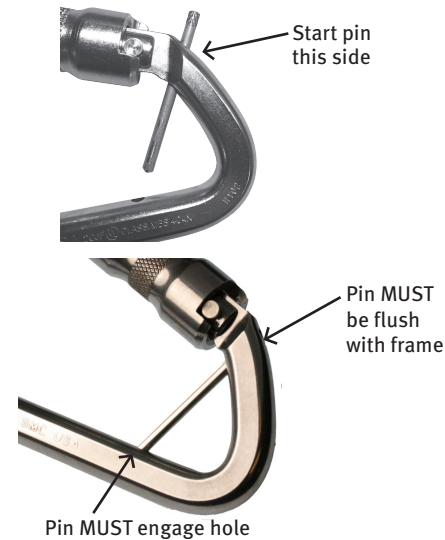
Captive Eye Pin is not load bearing. It is intended to keep a lanyard at the pivot end of the carabiner.

Installation

1. Locate lanyard at the pivot end of carabiner.
2. The pin has a tapered end and a knurled end. Insert tapered end of pin into the hole near the gate. Push in the pin by hand as far as possible. Make sure the pin is aligned with the hole in the back of the frame. It may be necessary to flex the tapered end of the pin as you push it in to align it with the hole.
3. Press in the knurled end of the pin until it is flush with the frame. You can do this by pressing against a hard surface or by tapping on it with a small hammer.
4. If using a vice to hold carabiner, check that vice only contacts the frame and not the gate mechanism.
5. Check that the pin is flush with frame.
6. Check that any hammering has not damaged the frame, gate or any portion of the carabiner.
7. Check for damage to lanyard
8. Check for proper action of carabiner before use.

Removal:

1. Using pliers or a vice, grasp the pin near middle and pull out of hole in the back of the frame. Use care not to mar the pin.
2. The pin is held in place by a press fit. Repeated installation and removal of the pin can reduce its security.



User Instructions



Quality Gear for Life

CARABINER



THIS CARABINER MEETS
NFPA STANDARD 1983 (2017 ED.)

Made in the USA by

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