

CARABINERS | USER MANUAL AND SAFETY WARNINGS

WARNING

YOU MUST THOROUGHLY READ AND UNDERSTAND ALL MANUFACTURER'S INSTRUCTIONS BEFORE USE. USE AND INSPECT THIS EQUIPMENT ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS. • You are responsible for your own actions and decisions. • Specialized knowledge and training are required to use this product. • You are responsible for knowing and respecting this product's capabilities and limitations. • Always know the maintenance and use history of your equipment and destroy retired gear to prevent future use. • The use of secondhand equipment is strongly discouraged.

INSPECTION BEFORE 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. Remove it from service if there is any doubt about its safety or serviceability.

USAGE MAKING PROPER CONNECTIONS

When using a snaphook or carabiner to connect to an anchorage or when coupling components of the system together, be certain accidental disengagement ("rollout") cannot occur. Rollout is possible when interference between a carabiner and the mating connector causes the carabiner's gate or keeper to accidentally open and release. Rollout occurs when a carabiner is snapped into an undersized ring such as an eye bolt or other non-compatibly shaped connector. Only self closing, self-locking snaphooks and carabiners should be used to reduce the possibility of rollout when making connections. Do not use snaphooks or connectors that will not completely close over the attachment object. Do not make knots in a lanyard. Do not hook a lanyard back onto itself. Snaphooks and carabiners must not be connected to each other. Do not attach two snaphooks or carabiners into one D-ring. Do not attach snaphooks or carabiners directly to a horizontal lifeline. Always follow the manufacturer's instructions supplied with each system component.

PROPER ALIGNMENT OF THE CARABINER UNDER LOAD

The carabiner must be installed so that the loads are applied in the area designed for greatest strength. Select the appropriate size carabiner for the anchorage available. The anchorage or anchorage connector should be seated in the radius of the carabiner opposite the gate. Do not apply loads across the gate.

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. 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.

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.

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