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› [CAMP](#) /

› CAMP Photon Straight Gate Carabiner (Model 246701) User Manual

CAMP 246701

CAMP Photon Straight Gate Carabiner User Manual

Model: 246701

INTRODUCTION

This manual provides essential information for the safe and effective use of your CAMP Photon Straight Gate Carabiner. Designed for climbing and outdoor activities, this lightweight carabiner features a SphereLock closure system for enhanced security. Read these instructions carefully before use and retain them for future reference.

SAFETY INFORMATION

WARNING: Climbing and mountaineering are inherently dangerous activities. Improper use of equipment can lead to serious injury or death.

This carabiner is personal protective equipment (PPE) and must only be used by competent individuals or under the direct supervision of a qualified person. Always inspect your equipment before each use. Never modify the carabiner. Follow all applicable safety standards and guidelines for climbing equipment. If you have any doubts about the proper use of this equipment, seek professional instruction.

SETUP (PRE-USE INSPECTION)

Before each use, perform a thorough inspection of your CAMP Photon Straight Gate Carabiner:

- **Body:** Check for cracks, deep scratches, deformation, corrosion, or sharp edges. Any of these indicate damage and require immediate retirement of the carabiner.
- **Gate:** Ensure the gate opens smoothly and closes completely and automatically when released. Check for any sticking, bending, or misalignment. The SphereLock nose should engage properly.
- **Rivet:** Verify the gate rivet is secure and not loose or damaged.
- **Markings:** Confirm all original markings (strength ratings, manufacturer, model) are legible.







This image displays the CAMP Photon Straight Gate Carabiner. It features a black main body and a distinctive green straight gate. The 'PHOTON' model name is visible on the spine, and the 'CAMP' logo is on the side. This carabiner is designed for lightweight performance in climbing and outdoor activities.

OPERATING (PROPER USE)

The CAMP Photon Straight Gate Carabiner is designed for connecting climbing ropes, slings, and other equipment.

- **Opening the Gate:** Apply pressure to the gate to open it. Ensure it moves freely.
- **Closing the Gate:** Release the gate, and it should snap shut automatically and completely. The SphereLock system minimizes snagging and provides a secure closure.
- **Loading Direction:** Always ensure the load is applied along the major axis of the carabiner (the longest dimension). Avoid cross-loading (loading across the gate or minor axis), as this significantly reduces the carabiner's strength.
- **Connecting Equipment:** When connecting ropes or slings, ensure they are properly seated in the carabiner and the gate is fully closed before applying a load.
- **Avoidance:** Do not use the carabiner for purposes other than those specified for climbing and mountaineering. Avoid contact with corrosive substances, extreme temperatures, or sharp objects that could damage the carabiner.

MAINTENANCE

- **Cleaning:** Clean the carabiner with fresh water and a mild soap solution. Rinse thoroughly and dry completely. Avoid harsh chemicals.
- **Lubrication:** If the gate action becomes stiff, apply a small amount of silicone-based lubricant to the gate hinge and SphereLock mechanism. Wipe off any excess.
- **Storage:** Store the carabiner in a cool, dry, dark place, away from direct sunlight, chemicals, and extreme temperatures. Do not store with sharp objects or other equipment that could cause damage.

TROUBLESHOOTING

- **Sticking Gate:** If the gate sticks or does not close properly, clean and lubricate the mechanism as described in the Maintenance section. If the issue persists, retire the carabiner.
- **Visible Damage:** Any visible cracks, deformation, deep gouges, or corrosion are critical. Immediately retire the carabiner from service.
- **Unusual Sounds:** If the carabiner makes unusual sounds during operation, inspect it thoroughly. If the cause cannot be identified or resolved, retire the carabiner.
- **Retirement:** Retire the carabiner immediately if it has been subjected to a severe fall, shows any signs of damage, or if you have any doubts about its integrity. Mark retired equipment clearly to prevent accidental reuse.

SPECIFICATIONS

Feature	Detail
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Model	CAMP Photon Straight Gate Carabiner (246701)
Weight	36 Grams (1.3 oz)
Dimensions (LxWxH)	Approximately 3.94 x 2.36 x 0.04 inches
Closure System	SphereLock
Shape	D-Shape
Key Features	Lightweight design, SphereLock closure, optimized body for rigidity and strength

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official CAMP website or contact your authorized CAMP dealer. Keep your purchase receipt for warranty claims.

