



Unleash **T**he **G**low



**TACTICAL GREEN
LASER SIGHT**

Unleash **T**he **G**low

OWNER'S MANUAL

For Model: SCP-LS169



CAUTION!

If you need to mount the laser sight onto a firearm, be sure that the firearm is not loaded before installation. Remove magazine and examine chamber.

Always use safe handling procedures at all times. Do not operate the laser if the unit is defective or the cover or seal is damaged.

Avoid direct eye exposure to laser beam or bright reflection as this may cause eye injury.

Do not direct laser beam toward any aircraft, public transportation or other objects with safety concerns. This is very dangerous and may be considered a felony.

Do not direct laser beam toward any person or animal. Direct eye contact with beam or bright reflection may cause eye injury.

Examine battery quality and appearance before use each time and make sure that there is no leaking or any deformation. Dispose appropriately if there is a problem.

Batteries are pre-charged by the manufacturer, and cannot be recharged. Recharging can cause battery leakage or, in some cases, high-pressure rupture. Inadvertent charging can occur if a battery is installed backwards.

Install batteries by aligning the + and – signs marked on the battery with the + and 1 signs marked on the battery chamber in the laser sight.

Never use non-rechargeable and rechargeable batteries together in a laser sight. Always replace batteries with the exact type and size specified for the laser sight.

Turn off laser sight and remove batteries from laser sight after use. Leaving battery in the laser sight without use for long period of time may cause damage or danger.

Never deliberately short circuit batteries. Prolonged short circuit will cause the battery to lose energy and result in significant temperature increase.

Do not carry laser sight with batteries installed in the car trunk while driving.

Keep battery compartment clean and keep any metallic object away from the battery.

Lithium batteries can explode or cause burns if disassembled, shorted, recharged, exposed to water, fire, or high temperatures. Do not place loose batteries in a pocket, purse, or other container containing metal objects. Do not mix new with used batteries or mix required batteries with other types of battery. Do not store batteries with hazardous or combustible materials. Store in cool, dry, ventilated area. Follow applicable laws and regulations for disposal.



Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Specification

Item Number	SCP-LS169	Beam Diameter	0.4~0.5"@16yds, 75~79°F
Length	4.76" (121mm)	Operating Temperature	59~95°F (15~35°C)
Weight (with Battery)	7.1oz (201g)	Battery	CR123A X 1 (3V)
Structure & Adjustment	TS & 4 Points	Battery Operating Time	6hrs
W/E Adjustment Range	37.8"@11yds	Laser Beam Life Time	3000 hrs
Type	CLASS 3R	Laser Beam Divergence Value	<2mRad
Output Power	2.5~4mW	Pressure Switch	Included
Wavelength	530~540nm	Mount/Ring	Integral Mounting Deck

Spare Parts and Accessories

Contact your distributor for the following replacement parts:



BAT-LIT870

2PC Set of
CR123A Lithium Batteries

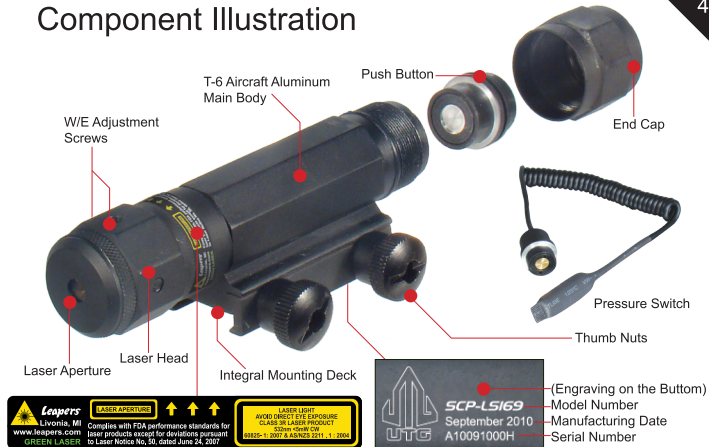


TL-PSLS169

Pressure Switch for
SCP-LS169

This Laser Product is designated as Class 3R during all procedures of operation.

Component Illustration



The purpose of this diagram is to provide a better understanding of the structure of the laser sight. Please do NOT disassemble the product which will void its warranty.

Installation & Operation

A. Battery Installation

1. Laser Sight uses one CR123A Lithium battery.
2. Unscrew the End Cap, Install the battery, follow the direction in (Fig. A1).
3. Replace the End Cap.



B. Three Operations

1. End Cap with Push Button Twist-On

Tighten the End Cap until the laser is on (Fig. B1).

2. End Cap with Push Button Momentary Push-On

- 1). Tighten the End Cap until the laser is on.
- 2). Slightly and gradually loosen the End Cap until the laser is off (Fig. B2).
- 3). Press and hold the Push Button in the center of the End Cap Switch to turn on the laser. Release the Push Button to turn off the laser (Fig. B3).



- 4). Repeat step 2) and 3) to find the best press/hold/release tension.

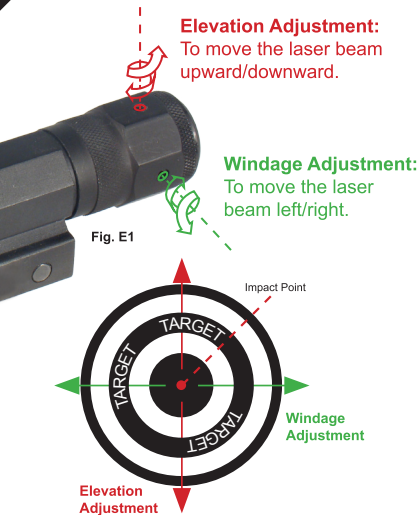
3. Pressure Switch Operation

- 1). Separate the Push Button From the End Cap.
- 2). Replace the Push Button with the Pressure Switch (Fig. C1).
- 3). Tighten the End Cap and Pressure Switch assembly snugly (Fig. C2).
- 4). Press and hold the Pressure Pad in the middle to turn on the laser. Release the Pressure Pad to turn off the laser (Fig. C3).

C. Mounting the Laser

- 1). Unscrew the 2 Thumb Nuts to loosen the locking plate.
- 2). Fit the mounting deck to the mount rail of the rifle or other application.
- 3). Tighten the 2 Thumb Nuts to ensure a firm grip on the rail (Fig. D1).

Laser Windage/Elevation Adjustment



- Once the Laser Sight is mounted in position, the Zero Adjustment Screw on the top or bottom of the Laser becomes the Elevation Adjustment Screw, and the Zero Adjustment Screw on the side of the Laser becomes the Windage Adjustment Screw.
- Stabilize the firearm to minimize any unexpected movement. Fire a test shot. If the impact point of the bullet is exactly in the center of the target, then the Laser Sight is zeroed. Otherwise, it needs to be adjusted based on the bullet impact. To move the laser beam upward/downward, use Allen wrench to rotate the Elevation Adjustment Screw. To move the laser beam left/right, rotate the Windage Adjustment Screw.
- Keep test firing and adjusting until achieving zero.

NOTE: To optimize the Windage/Elevation Adjustment function, the positions of the W/E Adjustment Screws on each laser unit were pre-set on factory equipment. The Windage Adjustment Screw could be on either side of the unit, thus may appear different from the example illustration in Fig. E1. **PLEASE DO NOT ROTATE THE LASER HEAD.** To use the W/E function, refer to the 'IMPACT POINT MOVEMENT INSTRUCTION' table and follow the W/E adjustment instructions on Page 8.

IMPACT POINT MOVEMENT INSTRUCTION		Adjustment Screw Positions (From Rear of Laser)			
W/E Adjustment		Bullet Impact Point Movement			
Windage					
Elevation					

Maintenance

- Maintain the metal surface of the laser sight by removing any dirt or sand with a soft brush to avoid scratching the finish.
- Store the laser sight in a cool dry place when not in use. Be careful to avoid contact with acid, alkaline or corrosive chemicals.
- Take the battery out. This insures good working batteries for your laser and prevents battery leakage.
- Keep a fresh package of batteries next to your laser. This gives you back-up power for your laser.
- Do not store your laser sight in high temperatures. This would damage your laser sight and may result in battery leakage.
- Do not attempt to lubricate any part of the laser sight.
- Do not disassemble the laser sight other than replacing pressure switch. Do not loosen or remove screws or parts. Any such or similar actions will void the warranty.
- For laser products, service is only to be handled by authorized factory trained technicians. There is no product serviceable parts allowed by the customer.

One Year Limited Warranty

This warranty covers defects in materials and workmanship of the product, provided that they are purchased from an authorized distributor and purchased and used in the United States. The warranty lasts for a period of one year from the date of original purchase of the product.

You are entitled to rights under this warranty only if you are the original purchaser of the product and have the original purchase receipt. This warranty is not transferable. We will at our option, repair or replace products that do not conform to this warranty. We may use functionally equivalent reconditioned, refurbished, remanufactured, pre-owned or new products or parts.

This warranty is void if:

- the product has been disassembled, tampered with or parts or screws have been removed or loosened; or
- the product has been abused, maliciously damaged, mistreated or used for a purpose contrary to the purpose for which it was designed or the instructions provided with the product.

For Warranty service, please contact your authorized distributor and provide them with a written description of the defect and your original purchase receipt. You must obtain a Return Authorization Number and return procedures with delivery destination before returning the product for repair or replacement. For further warranty service information, contact: Customer Service Department, Leapers®, Inc., 32700 Capitol Street, Livonia, MI 48150; (734) 542-1500.

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