

# TOR FUSION



User Guide

**STEINER**   
Nothing Escapes You

# TOR Fusion

Welcome to the TOR Fusion weapon-mounted LED tactical light and laser pointer! From the company that brings you world-class tactical lasers and optics, the TOR Fusion combines a powerful white light LED and a red or green laser for spot-on accuracy and illumination.

## Features

- Rugged military-grade aluminum housing
- Left/right pressure pads
- Auto-on function when drawn
- Adjustable laser and illumination power
- Water resistant
- Fits common holsters

This powerful weapon-mounted light and laser combination ensures **Nothing Escapes You!**



# TOR Fusion At-A-Glance

Feature	Description
Activation Options	Multiple modes of laser and light operation
Housing	Durable, Hard Anodized Machined Aluminum Housing and Rail Mount
Color	Black
Adjustable	Windage and Elevation Laser and Light Brightness
Mounting	Rail Mount
Battery Type	One CR123A Lithium Manganese Dioxide (Li/MnO <sub>2</sub> )
Environmental Conditions	Water resistant Dust Proof
Part Numbers	Green laser: 7001 Red laser: 7005

Included with your purchase of a TOR Fusion:

- One CR123A battery
- 5/64 Allen wrench
- Caution and aperture labels
- User guide

## Important Warnings

Failure to read and follow these operating instructions and warnings may result in serious injury, damage to property, or death.

### Firearm Safety

Prior to installing the TOR Fusion, ensure the firearm is unloaded and the magazine is removed.

**Always** follow these safety rules when handling a firearm:

- Always treat a firearm as if it were loaded.
- Store your firearm so that children cannot gain access to it.
- Always point the gun in a safe direction, away from anything you do not want to destroy.
- Keep your finger off the trigger until you are ready to fire.
- Be aware of your surroundings, target and what is beyond.

## Laser Safety Precautions

The TOR Fusion features:

- A high-intensity 500 lumen white LED tactical light
- Either a green or red laser pointer, depending on the unit purchased

**CAUTION: The TOR Fusion contains a Class 3R laser capable of causing permanent eye injury.**

- DO NOT stare into the laser beam
- DO NOT look into the laser beam through binoculars or telescopes
- DO NOT point the laser beam at mirror-like surfaces
- DO NOT shine the laser beam into other individual's eyes

## Red Laser Caution Label



## Aperture Label



## Green Laser Caution Label



## Battery Warning

**WARNING:** FIRE, EXPLOSION, BURN HAZARD

The Fusion is powered by one CR123A battery.

The following safety precautions apply when handling lithium batteries:

- DO NOT short circuit, puncture, or disassemble a battery
- DO NOT attempt to recharge a battery
- NEVER dispose of lithium batteries in a fire, or in any way expose lithium batteries to excessive heat
- Batteries may explode if disassembled, crushed, recharged, or exposed to high temperatures
- Prior to use, inspect all batteries for cracks, leakage, or bulging
- NEVER install a defective battery in the TOR Fusion
- Store batteries at room temperature
- Refer to applicable federal, state, and local laws and regulations for proper disposal of the batteries

# Getting Started

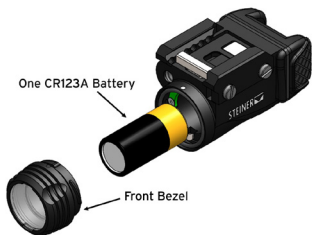
TOR Fusion Light & Laser Specifications	
Center Wavelength	Green laser: 520 +/-10 nm Red laser: 635 +/-5 nm
Beam Dot Size	0.50 inches at 50 feet
Maximum Power Output	Laser: <5 mW LED: 500 lumens +/- 10%
Weight (out battery)	3.9 oz. / 113 g
Size	2.7 x 1.4 x 1.6 in. (6.86 x 3.55 x 4.06 cm)

## Battery Installation

Follow all firearm safety precautions before installing the battery.

1. Twist the front bezel counterclockwise to separate it from the housing.
2. Place a new CR123A battery into the unit with the positive terminal (+) in first.
3. Align the white mark on the bezel with the white arrow on the housing and twist the bezel clockwise to close.

The green and red lasers are direct diode lasers capable of extreme cold weather operation. The constant power drive circuit ensures that the laser output remains constant throughout the life of the battery.



### Low Battery Indication

When the battery gets low, the TOR Fusion's laser or light will step down in power and flash 5 times slowly before turning off completely. Replace the battery when this occurs.



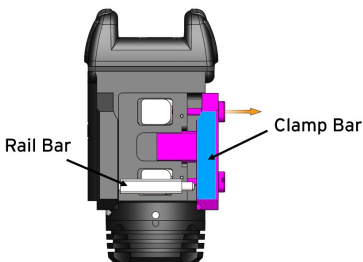
## Rail Mounting

**IMPORTANT:** Unload the firearm and remove the magazine before mounting the TOR Fusion.

The rail mount on the TOR Fusion will fit pistols with a Picatinny or Weaver style rail forward of the trigger guard.

Follow these steps to mount the TOR Fusion to the rail:

1. Using a flathead screwdriver, fully loosen the captive screws.
2. Pull back the clamp bar.
3. Position the rail bar to fit the weapon's rail.
4. Once the best rail position is found, ensure the rail bar pins are inserted in the clamp bar in your preferred position. There are 6 rail positions to choose from.
5. Tighten down the screws until snug.



# Operating the TOR Fusion

Always operate the TOR Fusion with the mount facing up.

## Turn On

- Press and release right or left pressure pad to turn the laser and/or light on.

## Turn Off

- Press and release right or left pressure pad to turn the unit off.

**Note:** If the TOR Fusion laser is left on, it will shut off automatically after 5 minutes to conserve battery power. If the LED light or the dual mode (laser + light) is left on, the Fusion stays on.

## Switch to laser, light, and dual (laser + light) modes:

Press and hold BOTH pressure pads to cycle through:

- Laser Only
- Light Only
- Both Laser and Light

Release both pressure pads once the setting you want is reached.

### **Adjust brightness level and turn on high pulse mode:**

1. Press and hold right or left pressure pad. The TOR Fusion laser and light brightness can be adjusted to low, medium and high. The light also has a high pulse mode.
2. Release the pressure pad when the brightness level you want is reached.
3. When the dual mode is displayed, adjust the brightness of the white light by pressing and holding the right or left pressure pad. The laser brightness does not change.
4. When the light is in high mode, the brightness will drop to medium after approximately 30 seconds to conserve battery life.

The TOR Fusion will remember the last setting even if the batteries are removed and replaced.



Pressure Pads

## **Windage and Elevation Adjustment**

The TOR Fusion is pre-sighted at the factory. It may not be necessary for you to adjust the factory settings. However, differences in the alignment of your handgun's rail to its bore can result in the laser aim point being off target. Verify the boresight and adjust, if necessary, every time the TOR Fusion is mounted to a weapon.

The TOR Fusion has one screw for windage adjustment and one screw for elevation adjustment.

### **Adjust the laser beam using the windage and elevation screws**

Use the 5/64 Allen wrench provided in the box to make adjustments.

- To move the beam spot down, turn the elevation screw clockwise.
- To move the beam spot up, turn the elevation screw counterclockwise.
- To move the beam spot to the right, turn the windage screw clockwise.
- To move the beam spot to the left, turn the windage screw counterclockwise.

DO NOT over-torque the screws. It can damage the internal laser module.

When the laser spot cannot move further, stop turning the adjustment screw.

Elevation Adjuster



Windage Adjuster

### Turn on Auto On

The TOR Fusion can be set to turn on automatically when you raise or draw your weapon. This mode is ideal for training.

### With the TOR Fusion mount facing UP, do the following:

1. Turn the TOR Fusion on using the right or left pressure pad.
2. Within 5 seconds, fully press and release the activation pads in this pattern:

#### Left - Right - Left - Right

- If you take more than 5 seconds to press the pressure pads in this order, the Auto On feature will not work.
  - After the sequence is completed, the TOR Fusion flashes to indicate that the Auto On feature is activated.
3. Turn the unit off using the right or left pressure pad.

4. Point the TOR Fusion at the ground (if weapon-mounted, point the muzzle straight at the ground). Keep the TOR Fusion in this position for more than 1 second. This is the **INACTIVE ZONE**.
5. Raise the TOR Fusion or your weapon to a shooting position. The laser, light or dual mode displays. This is the **ACTIVE ZONE**.

If the TOR Fusion goes untouched for more than 10 minutes, the Auto On feature is disabled to conserve battery life.

**To turn off the Auto-On feature, with the TOR Fusion ON and mount facing UP, do the following:**

1. Turn the TOR Fusion on using the right or left pressure pad.
2. Within 5 seconds, fully press and release the activation pads in this pattern:

**Left - Right - Left - Right**

3. After the pads are pressed, the TOR Fusion flashes to indicate that the Auto On feature is deactivated.

# Maintenance

- Never use strong cleaning fluid or solvents.
- Do not use liquid cleaners inside the battery compartment.
- Keep the lens of the laser clean. Clean with alcohol and a cotton swab. A dirty lens will affect beam quality.
- ALWAYS remove the TOR Fusion before cleaning your weapon.

# Warranty and Repair

Steiner Optics, Inc. warrants its products against defects in workmanship and materials for a period of two years from the date of purchase. Warranty is void if the product has been abused, misused, neglected, or disassembled prior to the return to the manufacturer.

This warranty does not cover loss, theft, deliberate damage, or cosmetic damage that does not hinder the performance of the product.

If you are experiencing any problems with your Steiner TOR product, please first review the manual for tips and information.

To return the TOR Fusion for repair, please contact Steiner Optics at [www.steiner-optics.com](http://www.steiner-optics.com).



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