

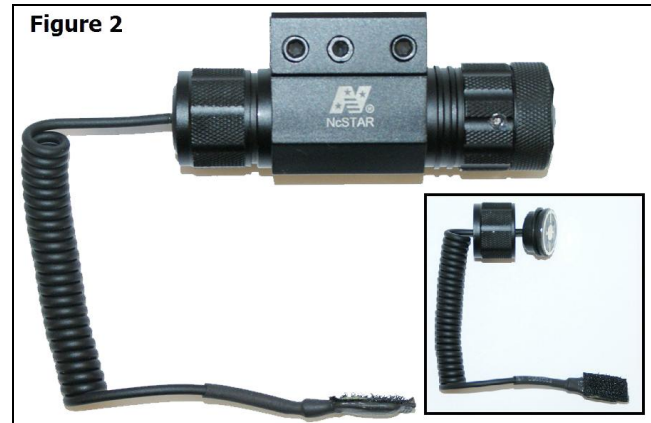
# GREEN LASER WITH WEAVER STYLE MOUNT

- ❖ This Green Laser is designed to mount directly to your firearm for quick and easy target acquisition. Use of the laser will not replace the use of other sighting devices in regards to accuracy, but it will certainly aid in locating your target with ease.
- ❖ This Green Laser mounts easily to almost any Picatinny or Weaver style base in any configuration that you choose.
- ❖ Included in the package are two types of switches: a *standard momentary On/Off button (5)*, and a *remote coil pressure switch (7)*. Also included is a specially designed *Weaver style mount (1)*, two different *Allen wrenches (9)*, and a CR123A battery.
- ❖ Always be sure that the unit is off when not in use to preserve battery life.
- ❖ **DANGER: AVOID DIRECT EYE EXPOSURE TO LASER BEAM. LASER RADIATION IS EMITTED FROM THE APPERTURE.**
- ❖ **If you are not sure about any of the procedures in this manual, always seek the help of a qualified professional to avoid damage to your Green Laser and your firearm.**

## INSTALLING THE BATTERY:

Your new Green Laser uses a single 3 volt lithium battery (CR123A type). Always use a CR123A battery type for the best performance and to avoid damage to the laser. To install the battery, simply remove the *rear threaded coupling (6 & 5)* by turning it counter clockwise [Figure 1]. Next, place the battery into the *battery housing (3)* with the positive side (+) of the battery facing out. Turn the threaded coupling with the momentary On/Off button insert clockwise back onto the rear of the laser tube body.

Turning the threaded coupling ALL the way in will turn the laser ON full time. Backing the threaded coupling a few turns will then turn the laser OFF. Pushing the momentary button IN will turn ON the laser until you release the button, releasing the button will turn the laser OFF.



To use the *remote coil pressure switch (7)*, remove the threaded coupling with the *momentary push On/Off button (5 & 6)* by turning it counter clockwise. Remove the *standard momentary On/Off button (5)* from the *threaded coupling (6)* by gently pushing the button insert out. Route the pressure pad side (7) of the remote coil pressure switch through the inside part of the *threaded coupling (6)* [Figure 2]. Pull the pressure pad all the way through until the metal battery connection portion of the coil pressure switch becomes flush with threaded coupling. Now twist the threaded coupling clockwise onto the rear of the main laser body until tight. If this procedure was done correctly, you should see the laser beam appear every time the pressure pad switch is depressed. Always be sure that the unit is off when not in use to preserve battery life.

## **MOUNTING:**

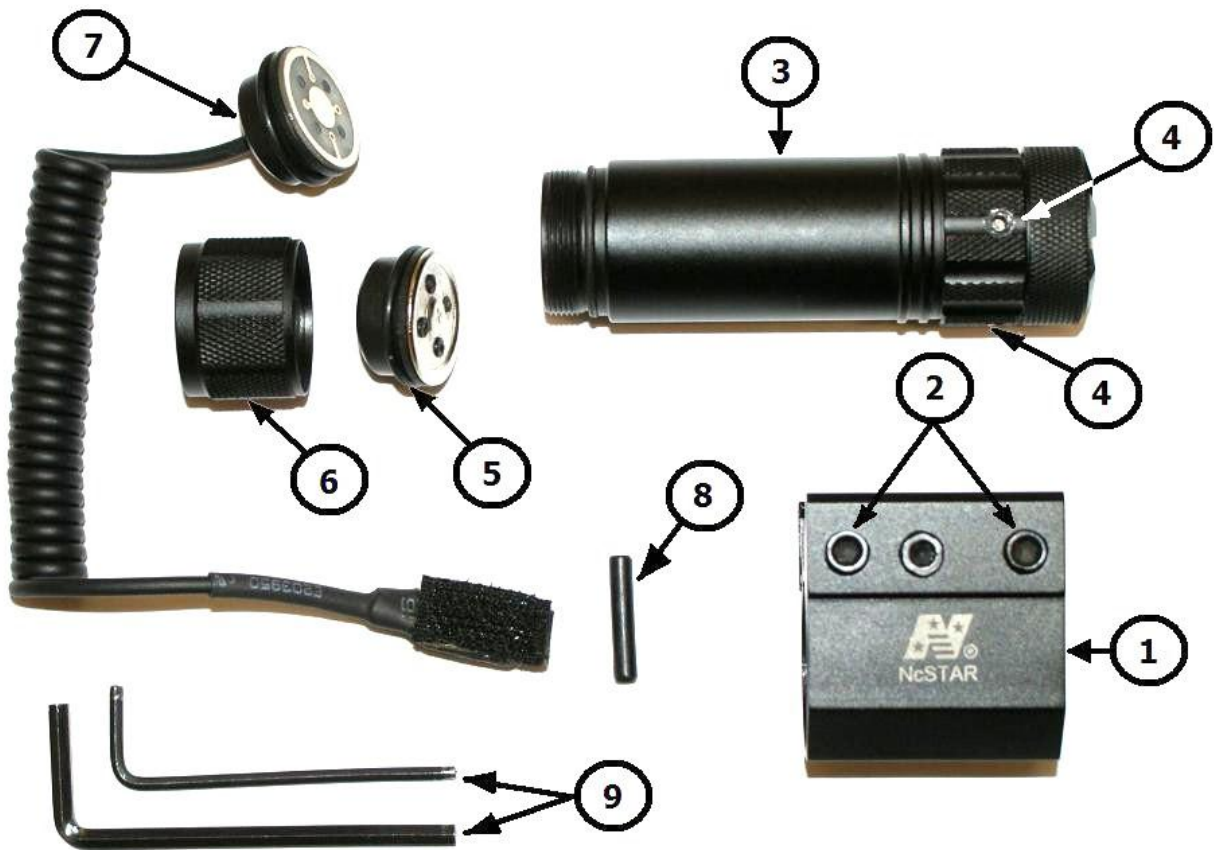
- ❖ **CAUTION: BEFORE BEGINNING INSTALLATION OF YOUR GREEN LASER BE SURE THAT THE FIREARM IS UNLOADED. ALWAYS PRACTICE SAFE FIREARMS HANDLING PROCEDURES.**

Your new Green Laser is designed to mount directly to just about any Weaver style or Picatinny rail. To install, first loosen all three *mounting bolts (2)* using the provided *Allen wrenches (9)*. The mount is equipped with a *removable recoil lug (8)* to prevent the mount from moving on the rail from the recoil of firing the firearm. Once you have the *mount (1)* in the desired position, tighten the two outside Allen head bolts to secure the mount to your rail. Be careful not to over tighten the *mounting screws (2)* to avoid stripping them. Also, be sure that the mounting location for the laser allows for proper function and movement of all parts of the firearm. The laser's *windage and elevation adjustment screws (4)* should be oriented so that they are easily accessed while the laser is mounted to the firearm. The laser must be oriented so that the windage and elevation adjustment screws are in the vertical and horizontal plane in relations to the firearm. This will make zeroing the laser much easier. Tighten the middle Allen head bolt to secure the laser to the mount.

## **ZEROING:**

- ❖ **WHEN OPERATING ANY TYPE OF FIREARM ALWAYS USE PROPER EYE AND EAR PROTECTION. BE SURE TO USE YOUR FIREARM IN AN AREA THAT IS PERMISSIBLE UNDER LOCAL, STATE, AND FEDERAL LAW.**

Set up a target at the desired distance. Begin the zeroing process by first turning your laser to the ON position by either twisting the *rear coupling (5 & 6)* clockwise until the laser is turned ON, or by depressing the *remote pressure switch pad (7)*. Place your laser beam on the center of the target. Be sure to secure the firearm so that it will not move when fired. Fire a few shots to see where the projectiles impact on your target in relation to the laser beam. Adjust the laser's windage and elevation *Allen head set screws (4)* to match the shot grouping using the provided Allen wrenches. After adjusting the laser beam to match the location of the shot grouping, fire a few more shots to confirm zero. If the laser is still not zeroed then follow the same procedure again making small adjustments until the desired level of accuracy is achieved. Using a laser bore sighter will also make the zeroing process a little easier. Another method is to zero the laser beam to the iron sights of the firearm if they are available.



- |   |                                |
|---|--------------------------------|
| 1 Mount (Weaver style/ Picatinny)         | 6 Threaded Coupling            |
| 2 Mount Allen Head bolts                  | 7 Remote Coil Pressure Switch  |
| 3 Green Laser Main Body                   | 8 Mount Recoil Lug (removable) |
| 4 Windage and Elevation adjustment screws | 9 Allen Wrenches               |
| 5 Standard Momentary On/Off Button        |                                |

**SPECIFICATIONS:**

|                        |                                    |
|------------------------|------------------------------------|
| Wavelength:            | 532 nm                             |
| Maximum Output Power:  | <5mW                               |
| Operating Voltage:     | 3V DC                              |
| Battery type:          | CR123A lithium (only one required) |
| Line Width:            | <0.1 nm                            |
| Beam Divergence:       | <1mrad                             |
| Beam diameter:         | <1 mm                              |
| Operation Current:     | <300mA                             |
| Operating temperature: | 59 – 95 degrees Fahrenheit         |

❖ **SPECIAL NOTE: THIS UNIT WILL ONLY FUNCTION UNDER THE TEMPERATURES LISTED ABOVE. THE UNIT WILL NOT FUNCTION IN EXTREME COLD OR EXTREME HEAT. ONCE THE UNIT HAS RETURNED TO NORMAL TEMPERATURES IT WILL FUNCTION PROPERLY.**