

# Vector Optics Green Laser Bore Sight Collimator

For any 0.22 to 0.50 Handguns, Rifles, Sights and Riflescopes

A more convenient and accurate device than scope and sight alignment. **Easy to Use!**

By projecting a laser beam from the center of the barrel axis of your firearm, this laser bore sight collimator allows you to instantly and accurately set your sight or scope. It conveniently works with all .22-.50 caliber rifles and pistols even after a long trip.



## Specification

- <5mW Class IIIa Green Laser
- 4 Bore Adjustable Adapters to Fit all .22-50 Caliber Pistols and Rifles
- Length: 138mm, Head Dia: 15.5mm, Tail Dia: 4.4mm

The laser bore sight collimator comes with 4 bore adapters to fit any .22 to .50 caliber firearm. This unit installs in the barrel of the firearm and projects a laser beam from the center of the bore axis. This allows the accurate bore alignment of scopes, iron sights or laser sights on handguns and rifles.



## All Parts

- Laser Bore Set (head, bore sight body with inside battery compartment)
- Four Adjustable Adapters
- Screws and Hex Key
- Battery Included



Do not adjust these four front screws, OR warranty will expire immediately. These screws are set in the factory when aligning.

## Use of the laser Bore Sight Collimator

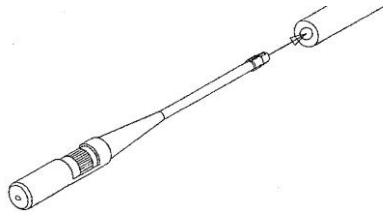
First install the screw into the adapters (the longer screw into the two larger adapters and the shorter screw into the two smaller adapters).



### **Make Sure Firearm is Unloaded before Proceeding!**

Select the proper adapter for the caliber of the firearm and thread onto the back of the laser bore alignment tool. The adapter expands larger as you turn it onto the laser bore alignment tool.

Adjust the adapter for a slight fit into the barrel and slide in to the large taper on the laser bore alignment tool. This has now aligned it with the center of the axis of the bore.



### **Operating the Laser Bore Alignment Tool**

#### **Avoid direct eye exposure to beam**

The unit is with one piece of CN1/3 battery installed. The laser will be light on when you fasten the head to the end. To turn the laser off, just release the head for some rounds.

To replace battery, take off the head and remove the battery, insert new one, anode to the tail and cathode to the head. At last fasten the head again.

#### **Aligning Your Sight**

The laser light emitted from the laser bore tool travels in a straight line while the bullet follows a trajectory. Even though the use of this device will get you very close, final adjustment should be made at the range.

#### **For Scoped Firearms**

If you use bore sight the scope from 50 to 100 yards, (indoors shooting range, outside in subdued sunlight-evening or early morning) then no compensation for the offset of the scope and barrel will be necessary, just adjust your crosshair to correspond with the laser dot. Shorter distances such as 25-50 feet will need to be compensated for by measuring the approximate distance between the center of your barrel and the center of your scope. Using the target on the last page of this instruction, place the laser dot on the center of the target and adjust the crosshairs to match that distance above the center of the target.

#### **For Iron Sight Firearms**

Adjust the sights to place the projected laser dot on top of the front sight blade. The distance for sighting-iron sights is not near as critical, however the greater the distance the greater the accuracy.

### **Target**

