

# Boresight Collimator User Manual



Read Carefully Before Use  
Keep for Future Reference

# Safety Information



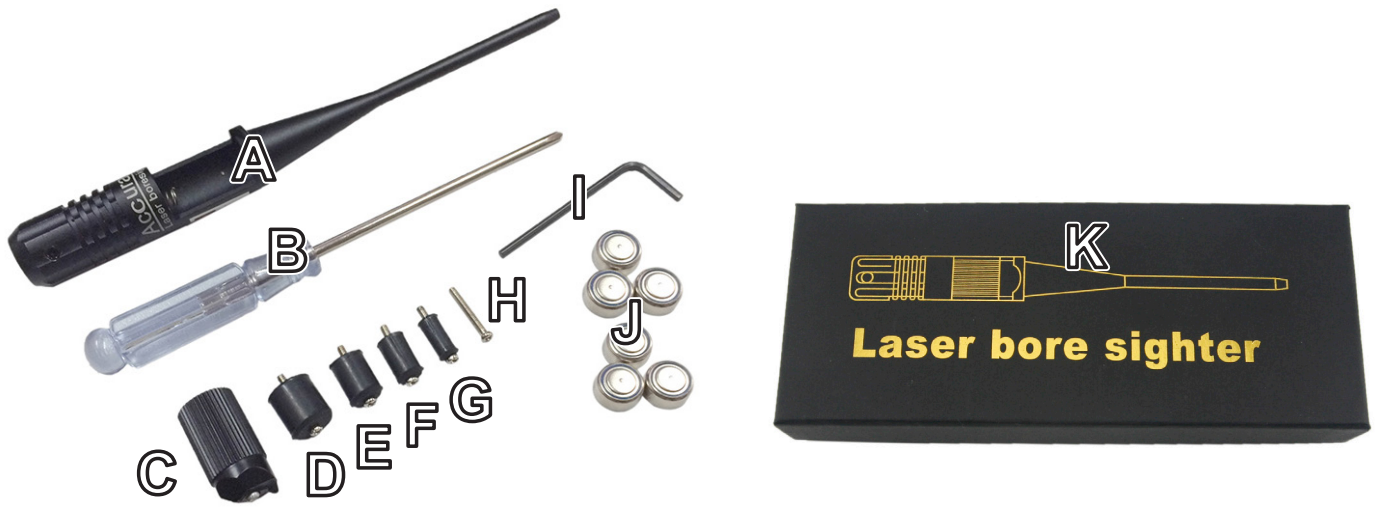
## Warning!

- **ONLY** use this device in full compliance with all applicable local and national laws and regulations.
- **ALWAYS** remove any ammunition and clips from your firearm before installing any components or performing other maintenance. Visually inspect the chamber to ensure the weapon is completely unloaded before work.
- **NEVER** point the barrel of your gun at anything you are unwilling to kill or destroy, even when unloaded.
- **DO NOT** look directly into the laser or view its direct beam through a scope or other optical device.
- **DO NOT** aim the laser at reflective surfaces.
- **DO NOT** aim the laser into the eyes of people or animals or at aircraft.
- **ALWAYS** remove the boresight collimator from your firearm as soon as you have finished boresighting.
- **DO NOT** adjust the four front screws of the boresight collimator.

# Specifications

Laser	Class	3R	
	Rated Power	5 mW	
	Wavelength	645–655 nm	
Fitment	.22 to .50 Caliber		
Length	Inserted	2.36–3.54 in.	6–9 cm
	Total	6.1 in.	15.5 cm
Diameter	Head	16 mm	0.6 in.
	Tail	5 mm	0.2 in.
Batteries	3 × AG13		
Weight	1.34 oz.	38 g	

# Parts List



No.	Name	Qty.
A	Boresight Collimator	1
B	Philips Head Screwdriver	1
C	Battery Compartment	1
D	.435 to .500 Cal. Adapter	1
E	.350 to .434 Cal. Adapter	1
F	.320 to .350 Cal. Adapter	1
G	.280 to .349 Cal. Adapter	1
H	Spare Screw	1
I	Hex Wrench	1
J	AG13 Batteries	6
K	Storage Box	1
L	.220 to .270 Cal. Adapter (not pictured)	1

## Assembly

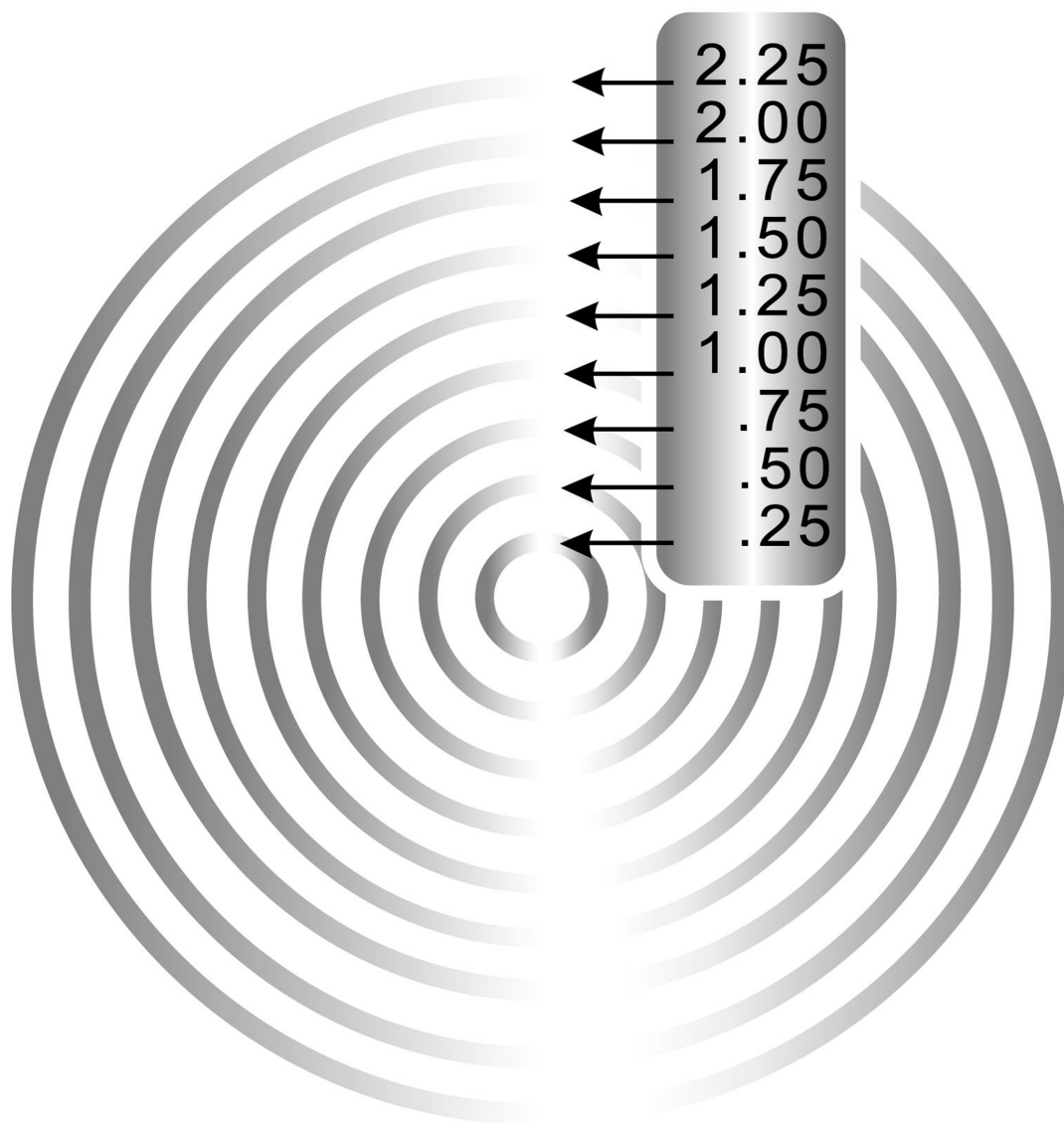
1. Make sure your firearm is unloaded.
2. Insert three batteries (J) into the battery compartment (C) with the negative (-) side first and then insert the compartment into the boresighter collimator (A).
3. Select the proper adapter (D–G or L) for your firearm's caliber.
4. Screw it into the small end of the boresight collimator, using the screw in its center. As you tighten the screw, the adapter diameter will expand. Once it has reached the same diameter as your firearm, push the adaptor and small end of the boresight collimator into the muzzle of your firearm. Make sure that it fits tightly with the crown of your firearm.

# Boresighting



This boresighter employs a Class 3R laser. Do not use reflective surfaces during adjustment or stare at the laser dot for extended periods.

- If you can boresight your firearm at 50 to 100 yards, compensation for offsetting the scope and barrel is not necessary. Adjust your scope's windage and elevation, so your crosshairs aim at the laser dot. Reverse the assembly process to take out the boresight collimator after the sighting.
- If you are boresighting at a shorter distance, adjust the point of impact so the crosshairs compensate for the height of the scope center over the barrel. Place the laser dot on the center of the target below and adjust the crosshairs to match that distance above the center of the target. For example, if the scope center is 1.5 inches above the bore, ensure the crosshairs point 1.5 inches above the laser dot. Reverse the assembly process to take out the boresight collimator after the sighting.



# Maintenance

- Clean the surfaces of the boresight collimator with a soft, damp cloth. Do not use abrasive cleaners or caustic chemicals and do not allow any electronic component to become wet.
- Check all parts for any wear or damage between uses. Repair or replace any problematic parts before further use.
- If the boresight collimator will not be used for a prolonged period of time, clean it, place it in its box, and store it in a cool dry place inaccessible to children.

# Troubleshooting

- If the laser does not come on, check the battery, tighten the adjustment screw, or reinstall the adapter and rotate the battery compartment.

# Contact Us

Thank you for choosing our products! If you have any questions or comments, contact us at [help@cs-supportpro.com](mailto:help@cs-supportpro.com) and we'll resolve your issue ASAP!

For a .pdf copy of the latest version of these instructions, use the appropriate app on your smartphone to scan the QR code to the right.



