

BSA BORESIGHTER INSTRUCTIONS



Caution: Be certain that the gun is not loaded, the action is open, and the muzzle is pointed in a safe direction. Safe gun handling procedures must be used at all times.

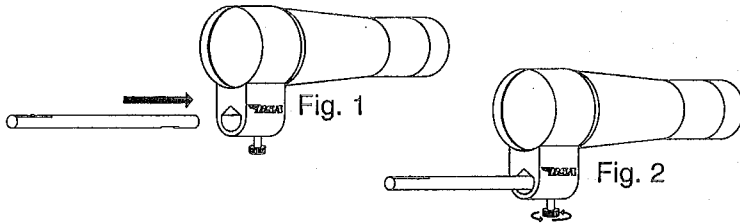
1. SCOPE MOUNTING

With the rings already installed onto the firearm, separate the upper section of the rings by removing the screws. Place the scope onto the the bottom halves of the ring. Replace the top loosely do not tighten. Rotate the scope to position the elevation turret on top of the scope (vertical). Look at an object through the scope, adjust the eye relief by sliding it back and forth until the correct eye relief distance is achieved. Tighten the set screws on top halves of the rings.

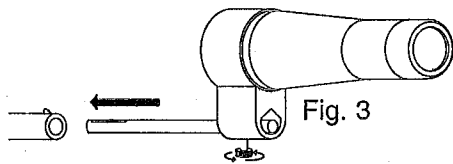
2. ATTACHING THE BORESIGHTER TO FIREARM MUZZLE. FOR CALIBERS OTHER THAN SHOTGUN.

Select the appropriate bore arbor from the kit and insert the notched end into the boresighter. Hand tighten the locking screw to attach firmly the boresighter (Fig. 1 and 2).

Caution: If the bore stud does not insert easily, remove and verify that the correct stud is being used.

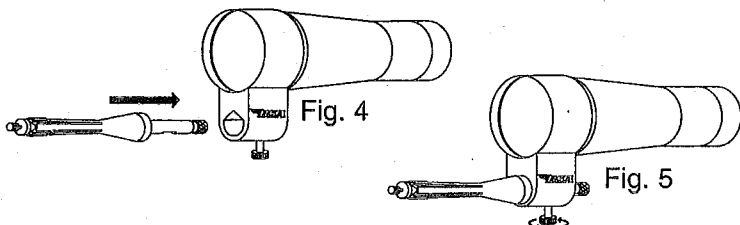


Insert the other end of the stud into the muzzle (Fig. 3).

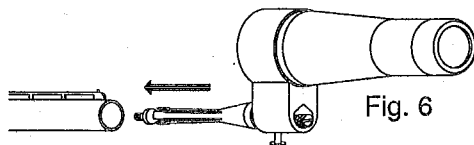


2. ATTACHING THE BORESIGHTER TO SHOTGUN MUZZLE.

If you are using the adjustable shotgun stud: Insert the notched end with the adjusting screw/knob into the boresighter, hand tighten the locking screw. (Fig. 4 and 5).



Insert the other end of the stud into the muzzle (Fig. 6).



Turn the adjusting screw/knob counterclockwise to expand

the end of the bore sighter until the desire gauge or bore diameter is achieved and the boresighter is secured in the muzzle (Fig. 7).

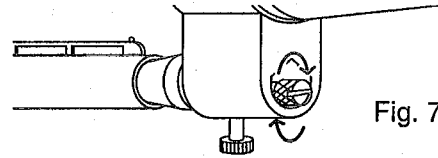


Fig. 7

The adjustable boresighter covers a wide range of different gauges as well as black powder calibers, see table below.

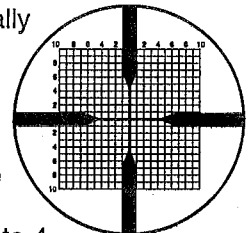
	10	12	16	20	28	.50 Black Powder
Bore Diameter In inches	.755	.729	.662	.615	.550	.50
Bore Diameter In mm	19.685	18.516	16.814	15.621	13.970	12.7

Caution: If the bore stud does not insert easily, remove and verify that the correct stud is being used. Look through the scope and into the boresighter. Inside you will see a reference grid.

3. PRE-ZEROING WITH THE BORESIGHTER

If necessary, rotate the boresighter until the grid lines match vertically and horizontally with the reticle vectors.

Remove the windage and elevation caps (if necessary). Adjust the windage and elevation turrets until the crosshairs line up with the center of the boresighter's



Grid. Each division on the grid is equal to 4 M.O.A. or inches at 100 yards.

Pre-zeroing the scope is now complete. Remove the boresighter and bore stud from the barrel and secure it in the supplied case.

Caution: Be certain that the bore stud has been removed from barrel. Failure to do so may result in injury or death to the shooter or bystanders.

At an approved range or other safe area, complete the zeroing procedures indicated in your scope instruction manual.

Caution: Eye and ear protection is strongly recommended. Safe gun handling procedures must be used at all times.

THE BSA BORESIGHTER IS DESIGNED TO SAVE YOU TIME AND MONEY BY ALLOWING YOU TO PRE-ZERO THE SCOPE IN YOUR OWN HOME WITHOUT SPENDING ON AMUNITION AND A TRIP TO THE RANGE. THIS KIT COVERS THE MOST POPULAR CALIBERS IN THE MARKET SO YOU CAN USE IT TO ZERO DIFFERENT RIFLES AND HANDGUNS. IT'S STRONG CONSTRUCTION WILL GIVE YOU MANY YEARS OF ENJOYMENT AND SATISFACTION.