

**REMEMBER**

Before installing or adjusting your sights, unload and/or check to ensure the firearm is unloaded.

Banded Shotgun Front Sight Installation Instructions

Kit includes: Band, Front sight, Shims (6), Attachment Nut (4), Attachment Screw (3), Red Thread Locking Compound, 1/16" Allen wrench

Tools required for installation: 1/4" nut driver or socket wrench, Q-tips, Isopropyl alcohol

The height of the front sight is adjustable. This is to take into account the considerable variation in point of impact that can occur from one shotgun to another. Fine tuning point of impact should be accomplished with the rear sight.

Measure the muzzle diameter of your shotgun barrel. If your barrel measures:

Remington:

.860-.865" assemble the sight using 2 shims.

.870-.875" assemble the sight using 4 shims.

.880-.885" assemble the sight using 6 shims.

Mossberg:

.840"-.845" assemble the sight using no shims.

.850"-.855" assemble the sight using 2 shims.

.860"-.865" assemble the sight using 4 shims.

After the diameter of the barrel has been determined, degrease the barrel and the inside of the band with alcohol and assemble the sight onto the barrel using the listed number of shims, divided equally on each side of the sight. Tighten the attachment nuts finger tight only. The attachment screws should be roughly centered.

Adjust the sight until it is centered on the barrel; having the barrel in the receiver provides a good reference guide. The blade should be in the lowest position to start.

When the position is correct, open the tube of thread locking compound and apply it so that it flows in between the band and the barrel. Slightly loosen the attachment nuts and flex the upper wings of the band, allowing distribution of the compound. If the sight shifts, reposition it; the compound requires several hours to harden.

Using a ¼ nut driver, tighten the attachment nuts until the unit is snug on the barrel. Take care not to disturb the sight position while tightening. If you are using a socket wrench, **do not over tighten**, doing so may break the attachment screw. The torque spec is only 10 inch pounds.

Wipe off excess compound and allow 4 hours for it to cure before shooting. If required, raise the front sight post to lower the point of impact. Loosening and retightening the attachment screws to adjust the front sight height will not affect the compound's ability to hold the band in place.



XS Ghost-Ring Sights with Protective Wings

1. Place the gun in a padded vise.
2. Remove the plug screw(s) from the rear scope base holes.
3. Drill and tap 8-40 holes in receiver
 - a. Remington: two holes required. Position the sight on the receiver so that the ghost-ring is perpendicular to the sight plane. The rear edge of the sight should be located one inch forward of where the stock meets the receiver. If needed, e-mail Tech@xssights.com for a drawing of the installation position.
 - b. Mossberg Shotguns with factory Ghost Ring Sights: one additional hole for a total of two holes required.
 - c. Other applications: two 8-40 holes required.
4. Degrease the sight and receiver.
5. Apply a small amount of red threadlocker to the bottom of the base and spread it around so a thin layer covers approximately 80% of the base. Too much compound can crawl into the action, locking up critical moving parts. Place the base on the receiver so that the mounting holes align.
6. Apply a small amount of red threadlocker to the bottom of the sight and spread it around so a thin layer covers approximately 80% of the base. Place the rear sight assembly into the Wings. Mount the sight so that the aperture is closest to the shooter's eye (if applicable). If screws of varying length are provided, the long screw will be used in the rear hole.
7. Apply a very small amount of red threadlocker to the screw threads up near the head and tighten.

To Change the Aperture:

1. Back off one windage screw three full turns.
2. Remove the aperture by turning it counterclockwise.
3. Install the new aperture by turning it in clockwise until it bottoms out. Then unscrew 3 full turns to achieve the aperture's basic starting position.
4. Tighten the windage screw and rezero the rifle.