

INSTALLATION & ADJUSTMENT INSTRUCTIONS

FOR SURE-LOC® SIGHTS AND ACCESSORIES

BLACK EAGLE 29mm, 35mm and 42mm Scope



Black Eagle lenses

Note: Levels are factory installed for right-handed use of the hex pocket side mount with the level on the bottom of the housing. This means the level would also be in the correct position for left-handed use of the flat side mount.

The unthreaded hex tube provided with scope body package must be used for hex pocket mounting.



Black Eagle scope body pack

Hex pocket side mounting instructions

Right- or Left-handed:

1. Thread the scope rod into the hex pocket's threaded hole on the scope body.
(Thread rod until it is flush to the inside of scope body, then 1/2 turn farther.)
2. Insert the hex tube into the cam-assist 3-axis leveling block assembly.
Note: For proper installation, be sure to use the non-threaded tube supplied with our scope!
3. Slide the threaded rod through the hex tube from the sight window side.
4. Rotate the scope body to the correct position (lens pocket side to face straight away from archer), seating the hex tube into hex pocket.
5. Place the serrated Bellville washer over the end of the threaded rod.
6. Screw (1) #10-32 nut onto the end of the threaded rod and tighten.
7. Slide the scope to the desired location and tighten the 3rd axis clamp screws.
8. If the level is not sitting on the bottom side of the scope when mounted on the bow, then remove the 3rd axis assembly from the sight and follow the "Moving level to opposite mounting pocket" instructions on page (19) and put the 3rd axis assembly back on the sight.



left-handed

right-handed

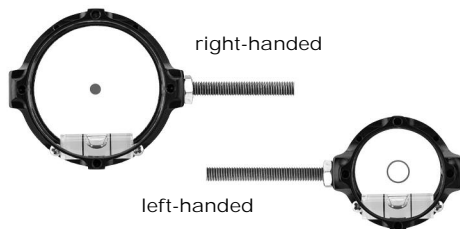
Flat side mounting instructions

Right- or Left-handed:

1. Thread the scope rod through the hex tube of the cam-assist 3-axis leveling block and threaded flat side mounting surface of the scope body until approximately 1/2 turn protrudes through the inside of the scope body when tube and scope body are tight against each other.
2. If required, loosen the clamping screws that hold the hex tube so that it can be removed to index the scope to a square position with the 3rd axis assembly and re-insert the tube. **Note:** you may have to use the thin spacer washer provided to get the rotation of the hex in the correct position.
3. Place the serrated Bellville washer over the end of the threaded rod.
4. Screw (1) #10-32 nut onto the end of the threaded rod and tighten.
5. Slide the scope to the desired location and tighten the 3rd axis clamp screws.
6. If the level is not sitting on the bottom side of the scope when mounted on the bow, then remove the 3rd axis assembly from the sight and follow the "Moving level to opposite mounting pocket" instructions below and put the 3rd axis assembly back on the sight.

Moving level to opposite mounting pocket:

1. Set scope down on its face with level facing up.
2. Remove the (2) screws that retain the level. **Note:** These screws are set at a slight angle (about 5° with head away from the level). Keep that in mind when removing and installing the screws.
3. Remove the level and place it in the other level pocket with the taped area of the level contacting the scope body. (**Note:** Buffed levels have no tape and can be mounted either direction.)
4. Replace the screws, turning each one evenly until they are snug to the level. **REMEMBER:** These screws are set at a slight outward angle. (**Do not over-tighten.**)



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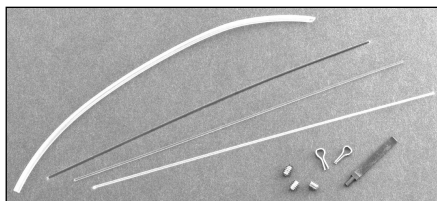
Lens assembly instructions

Place the O-ring into the bottom of the threaded area of the scope body. (The O-ring must be used.)

1. Set the threaded end of the lens assembly onto the threaded end of the scope body.
2. With very light pressure, turn the lens assembly counter clockwise until you hear (and/or) feel a click. Continue a little farther (1/4 turn unless you feel a 2nd click). **Note:** This indicates that the threads are at the right starting point.
3. Turn the lens assembly clockwise, screwing the lens in until it seats against the O-ring. (**Note:** Do not force the threads to turn; they should turn easily. If you feel a bind, back the lens out and start over. This will keep you from cross-threading and damaging the threads.)



Black Eagle lens kit



We offer 3 sizes of fiber pins:
.019", .029" and .039"

Straight fiber pin installation

1. Using nail clippers, cleanly cut fiber into desired length.
2. Slip one end of fiber into the hole of the pin.
3. Using heat source (do not use open flame) no hotter than 160°F, carefully expand both ends of fiber. The heat will glaze and slightly flare the ends of the fiber. A slight flare is enough to keep the fiber from slipping out of the pin.
Note: For best light gathering capabilities, smooth end of fiber while hot.
4. There are 4 locations that the sight pin can be mounted: bottom, top, or either side. Choose location and insert the pin into a pin hole of the scope body.
5. Align pin in scope housing and secure with provided nylon-tip setscrew.



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Intensity Kit instructions

1. Slip one end of fiber into the hole of the pin.
2. Using heat source (do not use open flame) no hotter than 160°F, carefully expand end of fiber to hold in place. The heat will glaze and slightly flare the end of the fiber. A slight flare is enough to keep the fiber from slipping out of the pin.
Note: For best light gathering capabilities, smooth end of fiber while hot.
3. Insert the other end of fiber into the scope body hole just behind the level. Slide the fiber from the inside to the outside of the scope body until you have about 2" sticking out.
Note: If pin will be mounted on top, use the closest hole to the level cutout (the hole between the level and the lens).
4. Slide the beveled end of the fiber tube over the fiber and through the scope body hole until the beveled edge butts up against the level.
5. Slide the fiber through the tubing and insert the pin into the bottom pin hole of the scope body. (Be careful not to kink fiber.)
Note: Use top pin hole for downward installation.
6. Align pin in scope housing and secure with provided nylon-tip setscrew.
7. Pull the fiber through the tube until there is a smooth radial arch coming out of the pin and through the fiber tube. (Be careful not to kink fiber at the back of the pin.)
8. Slide the two eyelet pins onto the fiber tube.
9. Slowly push fiber and tube around the outside of the scope and insert the first eyelet pin into the pin hole on the side of the scope. Lightly secure eyelet pin with provided 4-40 setscrew. (Do not make the bend coming out of the bottom of the scope too sharp.)
10. Continue guiding the fiber and tube around to the top of the scope housing and insert the remaining eyelet pin into the top pin hole. Lightly secure eyelet pin with other 4-40 setscrew.
11. Carefully pull fiber and tube so that the tube follows the curve of the scope body—do not make the bend too sharp. Hold each eyelet pin tight to the scope body and tighten the setscrews.
12. Clip fiber and tube to the desired length.

