

INSTALLATION & ADJUSTMENT INSTRUCTIONS

FOR SURE-LOC® SIGHTS AND ACCESSORIES

SURE-LOC® QC® & LETHAL WEAPON® PIN ATTACHMENTS (with replaceable fiber pins)



SURE-LOC® pins are of the highest quality materials; however, due to their small sizes, they can be damaged or broken, if handled roughly or abused. Take particular care when attaching the pin attachment to your sight and installing and adjusting pins.

SURE-LOC® QC® • LETHAL WEAPON®

Attaching to the sight

1. Remove twist-tie. Position tube containing the fiber between the two mounting holes on the offset bracket. Place the tube into the split-block channel.
2. Mount the split-block to the LETHAL WEAPON® or QC® head using the (2) #6-32 head mounting screws. Use the flat washer in the slotted mounting hole and the split washer in the round hole. Start with the middle holes and move to other holes, if needed.
Note: There are 3 sets of holes in the split-block to allow mass windage adjustment.
3. Loosen the leveling block assembly knob (LBA knob) on the attachment so the V-shaped split-block can be matched to the split-block on the sight's windage block. Tighten the LBA knob clockwise until finger-tight. **Note:** Tightening the LBA knob with an allen head wrench (7/64") may be necessary to ensure that the attachment will remain secure while shooting. Use light pressure for no more than 1/8 of a turn.
4. Trim fiber to desired length.

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Windage adjustment

Small adjustments: Simply use the windage adjustment knob on your SURE-LOC® sight. Each click will move 0.002".

Large adjustments: Loosen the (2) #6-32 head mounting screws and move head to one of the 3 sets of holes on split-block. Each set of holes is equal to 7 turns of the windage adjustment knob.

SURE-LOC® QC®

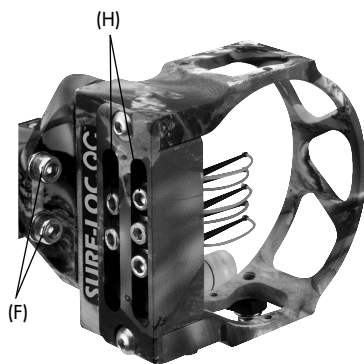
Elevation and pin adjustment

Single pin adjustment (see figure)

1. Loosen the #4-40 socket head cap screw (H) using a 3/32" hex allen wrench and slide to the desired position.
2. Tighten the #4-40 socket head cap screw.
(Do not over tighten.)

Gang slide elevation adjustment (see figure)

1. Loosen the (2) 6-32 x 3/8" socket head cap screws (F) that attach the head to the windage unit and slide the head up or down to the desired position. There is a total of 5/16" movement.
2. Re-tighten the 6-32 socket head cap screws.



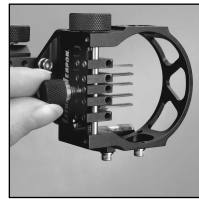
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LETHAL WEAPON®

Elevation and pin adjustment

The LETHAL WEAPON® frame includes an integrated spline wrench tool. The spline setscrews—designed to hold up to frequent tightening and resetting—make pin adjustments a snap.



Single pin adjustment (see figure)

1. Tighten elevation setscrew (H) and loosen guide rod setscrew (I). Turn elevation knob (C) to adjust pin position.

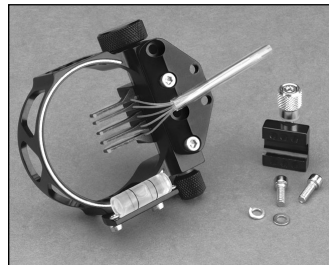
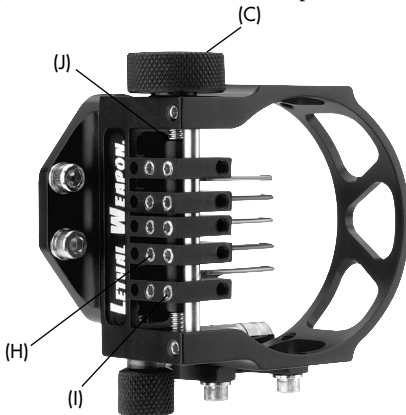
Note: To keep other pins stationary during this process, be sure that their elevation setscrews (H) are loose and their guide rod setscrews (I) are tightened.

2. Once that pin is set, loosen elevation setscrew (H) and tighten guide rod setscrew (I). Continue to the next pin and repeat steps.

Gang elevation adjustment (see figure)

1. Tighten all elevation setscrews (H) and loosen all guide rod setscrews (I). Turn elevation knob (C) for desired positioning.
2. Re-tighten all guide rod setscrews (I).

Note: While adjusting sight, it may be necessary to move elevation sleeve (J) back to center of travel to allow for greater range of pin adjustment. To do this, loosen all elevation setscrews (H) and tighten all guide rod setscrews (I). Turn elevation knob (C) until elevation sleeve (J) is repositioned in frame.



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Replacing a fiber on the pins

Thin pin (uses long fiber)

1. Remove old fiber.
2. Using heat source (**do not use open flame**) no hotter than 160°F, carefully expand one end of new 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. Slip the unexpanded end of the fiber through the end pin hole until the flared end is close to the pin.
4. Insert the fiber through the other pin hole. Gently pull fiber through and carefully push on the looped part of the fiber, until you get a loop that is about 3/16" to 1/4" from back of pin. (**Be careful not to kink fiber.**)
5. Insert the provided, short clear tube into the split-block channel—a half-round space behind the head assembly. Skip this step, if the sight already has the tube in place.
6. Slide the long end of the fiber through the clear tube. It will extend beyond the tube. Trim fiber to desired length.

