



NIGHTFORCE®

ZeroStop™ Elevation Adjustment Instructions 15x, 22x, 32x NXS Models

Please visit <http://nightforceoptics.com/VIDEOS/videos.html> for a step-by-step video tutorial on this process and advanced setting methods to maximize the performance of your ZeroStop™-equipped Nightforce riflescope.

1. Prior to installing your Nightforce riflescope or making any adjustments to the ZeroStop™ feature, **MAKE SURE FIREARM IS UNLOADED!**
2. REPEAT STEP # 1!
3. After you have properly installed your riflescope, you can then proceed to zero/sight-in your rifle.
4. After you have determined the ammunition that performs best for your intended use and established the zero/sight-in, please follow the instructions below to set your ZeroStop™.

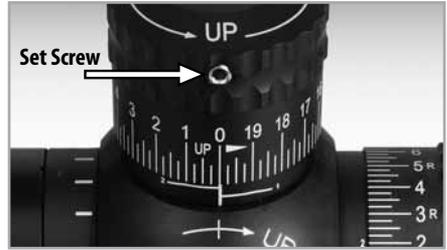


Figure 1

- A. Remove elevation turret cap by loosening the two opposing set screws $1\frac{1}{2}$ to 2 turns. Take care not to remove the screws entirely or lose them. See Figure 1.
- B. Lift the cap upward with a slight twisting motion to remove it from the body. You should feel slight resistance. Set the cap aside on a **clean surface**.
Note: You should not feel any “clicks” during twisting motion. If you do, loosen the set screws an additional $\frac{1}{2}$ turn.

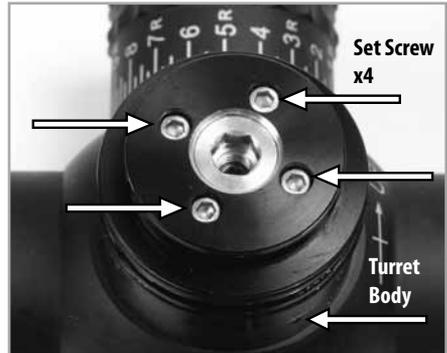


Figure 2

- C. You have now exposed the ZeroStop™ clutch assembly. Take care to maintain the cleanliness of the inside of the cap and the clutch area. Do not remove any of the lubricating grease.
- D. Loosen each of the four Allen head screws on the ZeroStop™ clutch assembly $1\frac{1}{2}$ to 2 turns counter clockwise. DO NOT remove the screws from the clutch assembly. See Figure 3.
- E. To set the ZeroStop™ clutch assembly, rotate the upper clutch face downward/clockwise until it stops against the lower clutch face. See Figure 3.
Note: You should not feel any “clicks” or resistance while making this adjustment.



Figure 3

continued on reverse

F. While holding the clutch mechanism in position, tighten the four Allen head locking screws on the clutch assembly evenly in an "X" pattern. **Do not over-tighten the screws as this can damage the clutch assembly.** Tighten one screw until you feel slight resistance, then move to the next screw in the "X" pattern. Continue to do the same for all four screws. Once all screws have been tightened to that point, repeat the same pattern, tightening all to 4 inch-pounds. If no calibrated torque driver is available, hold the short end of the Allen wrench to tighten the screws and only use your thumb and finger to turn the wrench. This will provide sufficient torque. See Figure 4.

G. To reinstall the turret cap, center it over the turret body, and press down lightly while turning the turret cap clockwise until it moves into position. Keep downward pressure on the turret cap as it may tend to move up due to the compressed air resistance created by the O-ring seal. Align the "0" index mark on the engraved scale of the turret cap with the center line on the scope body and tighten the two set screws to 3.75 to 4 inch-pounds. If no calibrated torque driver is available, hold the short end of the Allen wrench between your thumb and finger to turn the wrench, and tighten the two set screws.

H. For more advanced uses of your Nightforce ZeroStop™, please visit our website.



Figure 4



Please note: Your Nightforce riflescope equipped with ZeroStop™ may appear as either of the configurations shown above. The ZeroStop™ mechanism functions the same in each case and adjustments are made in the same manner.



NIGHTFORCE
ZeroStop™
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Nightforce riflescopes equipped with ZeroStop™ and Hi-Speed adjustments can be easily identified by the distinctive domed elevation cap and more closely spaced markings (left, above). Non-ZeroStop™/non-Hi-Speed models have a flat top and greater spacing between markings (right).