

DIAMONDBACK TACTICAL
RIFLESCOPE

Riflescope Manual

The Diamondback[®] Tactical Riflescopes

Specifically designed for discriminating hunters and shooters, the Diamondback[®] Tactical series of riflescopes offer the highest levels of performance and reliability. With generous long eye relief, rugged construction and precise, smooth controls, the Diamondback Tactical riflescopes are ready for any situation.



For specifications and more details about this rifle scope, please visit our web page at www.vortexoptics.com

Dual Use: Shooting Tactical / Hunting
US Patent 7,937,879

Reticle Focusing

Diamondback[®] Tactical riflescopes use a fast focus style eyepiece, which allows the reticle focus to be set quickly and easily.

To adjust the eyepiece:

- Look through the rifle scope at a blank white wall or up at the sky.
- Turn the eyepiece knob out until reticle image is blurry, then slowly turn back in until reticle is in sharp focus. Try to make this particular adjustment quickly, as the eye will try to compensate for an out-of-focus reticle.



Once this adjustment is complete, it will not be necessary to re-focus every time you use the rifle scope. However, because your eyesight may change over time, you should re-check this adjustment periodically.

Warning

Looking directly at the sun through a rifle scope, or any optical instrument, can cause severe and permanent damage to your eyesight.

Variable Power Adjustment

To change magnification, turn the magnification ring to the desired level.



Windage and Elevation Adjustments

The Diamondback Tactical riflescope incorporates adjustable elevation and windage dials with audible clicks. Each audible click moves the bullet's point-of-impact 1/4 of a minute of angle (MOA).

1/4 MOA closely corresponds to 1/4 inch at 100 yards, 1/2 inch at 200 yards, 3/4 inch at 300 yards—taking four (4) clicks to move the bullet's point-of-impact approximately one inch at 100 yards.

How to adjust windage and elevation settings

Referencing the directional arrows on scope body, turn the windage and elevation turrets in the direction you wish to move the bullet's point-of-impact.



To adjust settings, turn dials:
 · Up / Down
 · Left / Right

Rings and Bases

Mount an appropriate base and matching rings to your rifle according to the manufacturer's instructions. Your new Diamondback Tactical riflescope will require 1-inch rings.

Re-Index Adjustment Dials

Diamondback Tactical riflescopes feature windage/elevation dials that allow you to re-index the zero indicator after sight-in without disturbing your settings. Though not required, this process will allow you to quickly return to your original zero if temporary corrections are dialed in the field. Reset the windage and elevation dials in this way:



Grasp the cap and pull upward against spring pressure.



While holding the cap up, rotate dial to reposition the zero mark on the index line.

Once indexed, gently allow the spring pressure to pull dial back down into position.

MAINTENANCE

Cleaning

The fully waterproof and fogproof Diamondback Tactical riflescope requires very little routine maintenance other than periodically cleaning the exterior lenses. The exterior of the scope may be cleaned by wiping with a soft, dry cloth.

When cleaning the lenses, be sure to use products, such as the VTX Fog Free cleaning products or Lens Pen, that are specifically designed for use on coated optical lenses.

- Be sure to blow away any dust or grit on the lenses prior to wiping the surfaces.
- Using your breath, or a very small amount of water or pure alcohol, can help remove stubborn things like dried water spots.

Lubrication

All components of the Diamondback Tactical riflescopes are permanently lubricated, no additional lubricant should be applied.

Note: Other than to remove the turret caps, do not attempt to disassemble any components of the riflescope. Disassembling of riflescope may void warranty.

Storage

If possible, avoid exposing your Diamondback Tactical riflescope to direct sunlight or any very hot location for long periods of time.

THE VIP WARRANTY

We build optics based on our commitment to your absolute satisfaction. That's why our products are unconditionally guaranteed and we make this Very Important Promise to you—a Very Important Person.

Rest assured that in the event your optic becomes damaged or defective, we will repair or replace the riflescope at no charge to you. Call us at 800-426-0048 for prompt, professional, and friendly service.



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Visit www.vortexoptics.com for more information.

The VIP Warranty does not cover loss, theft, deliberate damage or cosmetic damage that does not hinder the performance of the product.

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