

# Owner's Manual Wedge Prism



# NIGHTFORCE®

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Record the serial number below for future reference.

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### **WARNING!**



*Make sure that your rifle is not loaded before proceeding. Reconfirm that the chamber is empty if you stop the procedure then resume later.*



### **WARNING!**



*Failure to properly install the Wedge Prism may cause equipment and/or personal damage, which can result in equipment failure or death, respectively.*

## Nomenclature and Features



A: Front of Wedge Prism

B: Quick Detach (QD) Throw Lever

C: QD Throw Lever Lock

D: Flip Cap

Product specifications, features, appearances and information subject to change without notice.  
For the latest updates and information regarding our products, visit [www.NightforceOptics.com](http://www.NightforceOptics.com).

## System Setup

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The Wedge Prism requires a 1913 Picatinny rail located in front of the riflescope for mounting. The Wedge Prism has a glass centerline that is 1.5 inches above the rail surface. For best results, mount the riflescope using rings that position the glass centerline of the riflescope at  $1.5 \pm 0.125$  inches above the picatinny rail.

**NOTE: The Wedge Prism may be mounted on rifle platforms that have a tapered or flat rail but the difference in taper between the riflescope and Wedge Prism should be less than 60MOA. In these situations, it is highly recommended that users verify the point of impact (POI) shift produced by the Wedge Prism is consistent with the unit's markings.**





## Mounting the Wedge Prism

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Open the QD Throw Lever by depressing the QD Throw Lever Lock and pulling the lever away from the mount. Place the Wedge Prism in a picatinny rail slot that positions the Wedge Prism as close as possible to the objective of the riflescope without touching. Apply forward pressure to the Wedge Prism while closing the throw lever until the lever clicks into position.

## Removing the Wedge Prism

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Press the QD Throw Lever Lock towards the Wedge Prism and open the QD Throw Lever until the Wedge Prism can be lifted from the picatinny rail.



QD Throw Lever closed



QD Throw Lever open

**NOTE: The correct lever tension is the maximum amount you can apply with one hand to close the lever. To adjust the tension, move the lever to the open position and push the lever towards the base to expose the slotted adjustment nut on the opposite side of the mount. Turn the nut in 1/8 rotation increments, testing the tension after each adjustment: clockwise to increase tension or counterclockwise to decrease tension**



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## Using the Wedge Prism

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After establishing a zero on the riflescope without the Wedge Prism, verify that the Wedge Prism adds the elevation amount engraved on the unit. While every effort has been taken to eliminate windage shift, picatinny rail and rifle setup variations may induce slight windage POI shift. Measure windage shift and dial the shift out with your riflescope when installing the wedge prism.

Install and remove the Wedge Prism multiple times to ensure that the mounting system provides a consistent POI shift.

**NOTE: Mark or record the rail space used for mounting for consistent re-installation.**

**NOTE: Multiple Wedge Prisms can be used in sequence but the image quality is degraded. Additionally, the marked POI shift from the units may not be accurate when added together.**

**NOTE: Each Wedge Prism is individually tested for the exact amount of (POI) shift after installation. This amount is engraved on the side of the unit for reference.**



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## Caring For Your Wedge Prism

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### Cleaning the Exterior

Clean the Wedge Prism body with a clean cloth lightly moistened with clean water or alcohol.

Do not use strong solvents. While cleaning your rifle, be sure to protect your Wedge Prism's lens by installing the cover that came with the Wedge Prism (or equivalent covers).

Ammonia-based bore solvents can destroy the coating on the glass. Avoid spilling gun cleaning solvents anywhere on the Wedge Prism.

In the event of submersion in mud, sand, dirty water or saltwater, flush the outside of the Wedge Prism with clean water to remove the encrusted material and salt. Wipe the outside metal surfaces dry with a soft cloth then proceed to cleaning the lenses.

### Cleaning Lenses

We recommend using a Nightforce cleaning kit (A130) to care for the lenses on your Wedge Prism. The kit contains an ultra-soft brush, microfiber cloth and cleaning solution.

With the lens facing down to allow the debris to fall away from the surface, remove loose dirt and dust with compressed air and/or a lens brush. Do NOT use high-pressure compressed air from cans as they have been known to destroy lens coatings. If there is grit stuck to the lens that won't come off with the compressed air or a brush, flushing the surface with alcohol or distilled water will prevent that grit from being rubbed into the glass by the cleaning swabs.

Be sure to register your warranty at [www.NightforceOptics.com/WarrantyRegistration](http://www.NightforceOptics.com/WarrantyRegistration)

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Using a soft, clean, lint-free cotton swab or lens cleaning cloth, and lens cleaning fluid applied to the swab, clean the lens starting in the center, working to the outside in a circular motion. Make only one pass to the edge where the glass meets the metal. Once you reach the edge of the lens, do not re-use that swab as it will often contain abrasive grit that will scratch the surface. Start over in the center with a new swab and repeat the process until the glass is clean. Use a very small amount of cleaning solution for the last pass to prevent streaks.

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## Nightforce Limited Lifetime Warranty

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We are proud to backup the Nightforce Wedge Prism with a Limited Lifetime Warranty, which covers mechanical defects in materials and workmanship in the optical and mechanical components. In the event of a defect in materials or workmanship that is covered by this warranty, we will either repair or replace it at no charge, with a comparable product at our discretion.

Exclusions to this warranty include intentional or accidental damage, abuse, misuse, unauthorized modifications or repairs, and improper mounting. This warranty does not cover any consequential or incidental damages resulting from the inability to use the Wedge Prism. Any serial number obliteration or alteration on the product will void the warranty. To ensure

warranty coverage, please register online at [www.NightforceOptics.com/WarrantyRegistration](http://www.NightforceOptics.com/WarrantyRegistration)

This warranty gives you specific legal rights, and you may also have other rights which vary based on your location.

Before sending your Wedge Prism in for service, please contact Nightforce Optics, Inc. to determine if the problem can be resolved without sending us the product. All returns must be accompanied by a Return Merchandise Authorization (RMA) number. Failure to do so can result in lost merchandise and/or severely delayed service time. Package the Wedge Prism in a well-padded box and **WRITE THE RMA NUMBER ON THE OUTSIDE OF THE PACKAGE.**

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**Nightforce Optics, Inc.**

Attention: Service Dept

336 Hazen Lane

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Tel 208.476.9814

For the latest updates and information regarding our products, visit [www.NightforceOptics.com](http://www.NightforceOptics.com).



**WARNING!**



***Nightforce Optics, Inc. does not authorize the export of these items outside of the United States of America. Riflescopes and accessories listed within, are controlled for export by the U.S. Department of State, under the International Traffic In Arms (ITAR) regulations (22 CFR, Parts 120-130), and/or the Department of Commerce under the Bureau of Industry and Security Export Administration Regulations (15 CFR, Parts 730-774). To export these products outside of the United States of America, you must comply with the regulatory agency's license and documentation requirements.***

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