

# TRUGLO®

WHEN BRIGHTNESS COUNTS®

**PRODUCT:** NEXUS™ SCOPE (TG8539BB/TG8541BB)

**WARNING:** Serious bodily injury, death, or property damage can occur if this product is not installed and used properly.

## INSTRUCTIONS:

**CAUTION:** BEFORE YOU BEGIN, ALWAYS MAKE SURE THE WEAPON IS UNLOADED AND SAFE TO HANDLE.

Congratulations on the purchase of your new TRUGLO® NEXUS™ series BDC Rifle Scope. Features like slip-zeroing turrets and a wire reticle come standard in the NEXUS family. NEXUS scope models offer a bright and reliable option designed for the practical hunter—focused on clarity, accuracy, and a rugged user interface designed for successful hunting in real-world conditions. Happy hunting!

- Water-resistant / fogproof / nitrogen gas-filled
- Specially formulated multi-coating provides maximum brightness, clarity, and contrast
- Aggressive grip-machining on control surfaces for easy use with winter gloves
- Protective caps cover fingertip-adjustable windage and elevation turrets
- MOA-based BDC reticle
- One-screw turret ring design for easy zero-indexing (windage and elevation)
- Rubber-coated speed-focus eyepiece
- Durable, scratch-resistant, non-reflective matte finish

### MOUNTING

To get the best performance from your scope, it must be mounted properly. If you are not familiar with the process of mounting a scope, it is strongly recommended that you seek assistance of a qualified professional.

Mount standard 1 in. scope rings to the receiver of the rifle. In most cases, “medium” rings will be used for standard bolt-action rifles and “high” rings will be used for AR-15 / MSR-style receivers. Some rifles will require specialty rings. If using a separate base / rail, make sure it is installed firmly and properly before mounting the scope rings. Improperly installed rings or bases will negatively affect accuracy. Loosely test-fit the scope inside the rings to check clearance and fit.

Slightly loosen the screws on the top of the rings (do not remove completely). At this time, eye relief adjustments can be made by sliding the scope forward or back within the mount. From a comfortable shooting position, test the eye relief on maximum and minimum magnification. Gently nudge the scope forward or back accordingly. Be sure that the scope is mounted a sufficient distance from the shooter's eye / face to prevent contact under recoil. Rotate the scope to achieve proper level / alignment. It is recommended to use two leveling instruments: bubble level and a plumb-bob, or two bubble levels. After proper level and position have been achieved, carefully re-tighten the screws. Tighten each screw the same amount (example: 1 turn) while alternating screws until tight (DO NOT OVER-TIGHTEN). This ensures that the optic is held firmly in all positions of the mount and is not torqued in any direction.

### ZEROING

After the scope and mount are installed correctly, the scope can now be zeroed to the rifle. Protective turret caps cover the windage and elevation turret adjustment dials. Unscrew the caps to make an adjustment.

From the factory, the windage and elevation dials are aligned to the center of the scope. Initial bore-sighting is recommended to obtain a more accurate zero, as well as to save time and ammunition during live-fire zeroing. Remove the bolt and use a bore-sighting laser or visually bore-sight by looking through the barrel and receiver. Sight a target through the bore, and adjust the alignment of the scope to the same position. Only minor adjustments should be needed. If major adjustments are needed, check the mounting of the scope. NOTE: Your click adjustments will appear to move “backwards” (relative to the markings on the turrets) in this process as you are moving the scope reticle relative to the target, rather than moving a point-of-impact to a point-of-aim. After bore-sighting, the scope is ready for live-fire zeroing. Only fire your rifle in a safe manner at an approved shooting location. Your TRUGLO scope has precise windage and elevation adjustments with audible and tactile clicks. The recommended initial zeroing distance for your NEXUS scope is 100 yards—a naturally user-friendly distance for minute-of-angle-based turrets and reticles.

525 INTERNATIONAL PARKWAY  
RICHARDSON, TEXAS 75081  
P# 972.774.0300  
F# 972.774.0323

**WARNING:** This product can expose you to chemicals including chromium, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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## ZEROING - SLIPPING THE TURRET DIAL

"Slipping the dial" allows you to set a zero on your scope, make temporary adjustments, then return to zero. Use of this feature is optional, but recommended—some shooters prefer to not move the dial. If you do not move the dial, please note the position of the dial to prevent accidental movement in the future.

After physically zeroing the scope (live fire) your turret dials will no longer be indexed to "0". Using a flathead screwdriver, small coin, or cartridge casing, unscrew the large screw on the top of the elevation dial. Pull the dial STRAIGHT UP to remove (there should be no clicks or rotation during this process). With the dial removed, align the "0" to the indexing line on the scope. Gently push down to reinstall the dial in the proper location. Replace the large flathead screw (DO NOT OVER-TIGHTEN). "Slip the dial" of the windage turret in the same manner. Replace the turret cover when you are finished adjusting the dials. Always check your scope is shooting correctly after any adjustments are made.



## MOA-BDC RETICLE

Bullet Drop-Compensating (BDC) reticles expand on the duplex reticle design by providing multiple intersections to compensate for the drop of the projectile over longer distances. Many trajectory-based BDC reticles are calibrated to a particular cartridge, or an average of particular cartridges—which can be limiting to the wide variety of hunting loads popular today. Instead of favoring a specific caliber, this BDC reticle is calibrated in minutes-of-angle, which can be calculated for any projectile and any rifle. From the center of the reticle, drop lines appear at 2, 4, 6, and 8-MOA.

NOTE: Ammunition manufacturers and ballistic calculator applications (including websites) may be helpful in predicting the drop of a bullet at a given distance, but cannot entirely replace field-testing. For convenience, The NEXUS reticle is an available option listed in the STRELOK™ PRO mobile ballistic calculator application.

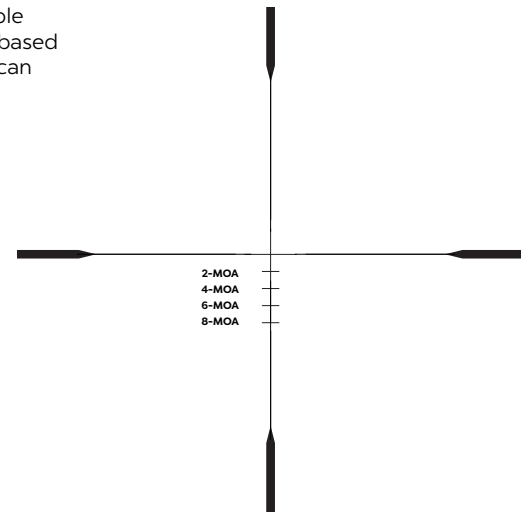
\*SECOND FOCAL PLANE RETICLE: NEXUS reticles are placed in the second (rear) focal plane of the optic. This allows the use of fine crosshairs at both high and low magnification. The subtension measurements of the reticle are calibrated only at maximum magnification, designed for use at longer distances.

## FOCUS-PARALLAX

Your scope utilizes a fixed focus that does not need to be adjusted. This focus is optimized at 100 yards. Objects viewed at extreme distances (far beyond 100 yards) may appear slightly less sharp than closer objects—this is normal for all fixed-focus scopes and does not affect the precision of the crosshairs nor the alignment of the scope. When shooting at distances far beyond 100 yards, keep the reticle centered in the scope to minimize observed parallax shift.

## FOCUS-ADJUSTMENT DIOPTER

Your scope features a diopter adjustment to optimize the focus of the optic for individual vision. The diopter adjustment wheel determines the focus inside of the optic, ensuring the reticle is in sharp focus for maximum clarity and accuracy. Proper adjustment is based on individual eyesight, and will vary from one individual to another. Adjusting the diopter will marginally change the magnification of the optic. This will not have a significant effect on the subtension measurements of the reticle. With the rifle pointed in a safe direction, view a white or plain background (such as a sheet of paper). Turn the diopter adjustment ring until the reticle is in sharp focus.



**MOA-BDC**

\*Calibrated at maximum magnification

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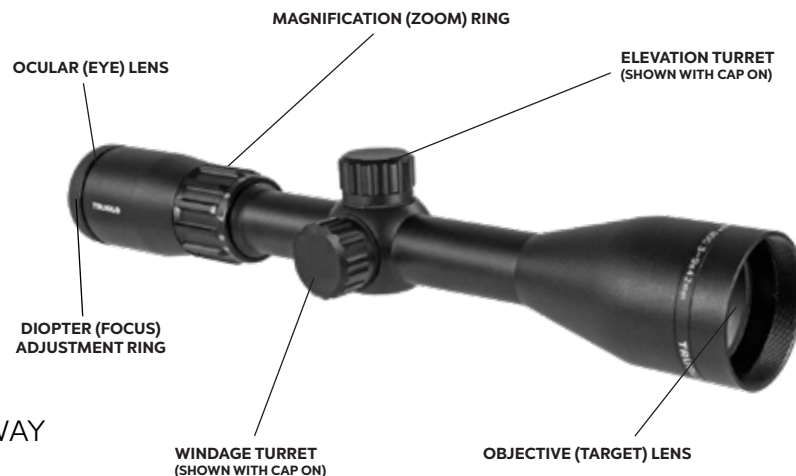
## MAINTENANCE AND CLEANING

Although your TRUGLO scope is very durable, it is a precision instrument and should be treated with care. It is recommended to store precision rifles and optics in a hard-sided case. Lenses: If the lenses become dirty, blow loose dust / dirt off the lenses before cleaning. Use lens cleaning fluid and a soft cloth to dab at the surface to remove potentially abrasive bits of dirt or dust before applying more pressure. Be patient and clean in gradual stages. Too much pressure can grind abrasive debris into the lens, damaging the optical coatings. The optical coatings are very durable and will last indefinitely as long as proper care is taken in the cleaning process. Exterior: The body of the scope and mount can be wiped down to remove dust, oils, fingerprints, etc. On all riflescopes, solvents should not be used as they could potentially damage some components of your scope—including the finish of the scope and the internal grease that keeps adjustment knobs turning smoothly.



TRUGLO, Inc. warrants this product to be free from original defects in materials and workmanship for as long as the product is owned by the original retail purchaser, subject to the limitations set forth herein. This warranty applies only to the original retail purchaser and requires the purchaser to supply a copy of the original proof of purchase (original sales receipt) at the time warranty service is requested. No additional warranty "registration" is required. If this product should malfunction or fail, contact us for a Return Merchandise Authorization (RMA) number. The RMA number should be clearly marked on the outside of the package. Please include a complete description of the problem, your name, address, telephone number and a copy of the original proof of purchase. All transportation, insurance, and freight charges associated with warranty service and repairs are the responsibility of the purchaser. Please include a check or money order in the amount of \$12.50 to cover processing and return postage. If an original defect is found by us, we will, at our option, repair, replace, or make appropriate adjustment. To contact us go to [www.truglo.com](http://www.truglo.com) or call 972-774-0300. This Limited Warranty does not apply to: (a) asserted defects caused by normal wear and tear of any part including knobs, camouflage finish, etc.; (b) asserted defects caused by modification, unauthorized service, accidents, neglect, misuse, abuse, improper maintenance, acts of Nature; (c) asserted defects involving subjective personal likes or judgments; (d) batteries; (e) electronic components; or (f) products purchased outside the USA.

THIS LIMITED WARRANTY IS THE EXCLUSIVE WARRANTY FOR THIS PRODUCT. WE DISCLAIM ANY AND ALL OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. WE SHALL NOT BE LIABLE IN TORT, INCLUDING NEGLIGENCE OR STRICT LIABILITY, AND SHALL HAVE NO LIABILITY AT ALL FOR INJURY TO PERSONS OR PROPERTY. OUR LIABILITY FOR FAILURE TO FULFILL ANY OBLIGATION UNDER THIS LIMITED WARRANTY OR ANY OTHER LIABILITY IN CONNECTION WITH THIS PRODUCT SHALL BE LIMITED TO THE AMOUNT OF THE PURCHASE PRICE RECEIVED BY US FOR THE PRODUCT. THE REMEDIES STATED IN THIS LIMITED WARRANTY ARE THE PURCHASER'S EXCLUSIVE REMEDIES AGAINST US REGARDING THIS PRODUCT. UNDER NO CIRCUMSTANCES SHALL WE BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS AND REVENUES, INCONVENIENCE, OR INTERRUPTIONS IN OPERATIONS, OR ANY OTHER COMMERCIAL OR ECONOMIC LOSSES OF ANY KIND. THESE LIMITATIONS AND DISCLAIMERS ARE NOT MADE BY US WHERE PROHIBITED BY LAW. SOME STATES PROHIBIT LIMITATIONS OF WARRANTIES AND THE PURCHASER MAY HAVE ADDITIONAL RIGHTS IN THOSE STATES.



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