ZEISS Conquest V4

User's Guide - North America







4-16x44



4-16x50





ZEISS

Seeing beyond

ZEISS Limited Lifetime Transferable Warranty and Five-Year No-Fault Policy

PRECISION RIFLESCOPES FOR YOUR HUNTING AND SHOOTING ADVENTURES



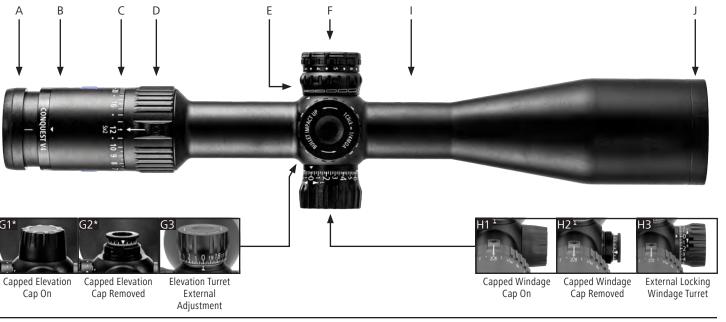
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Always make sure that your rifle is unloaded prior to mounting or dismounting your riflescope.

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CONQUEST V4 ANATOMY

For the following models: 3-12x44, 3-12x56, 4-16x44, 4-16x50 and 6-24x50

*Applicable 3-12x and 4-16x models.

- European-Style Fast Focus Eyepiece
- Ocular Housing
- Power/Magnification Zoom Indicator
- Power Zoom Adjustment
- Parallax Adjustment
- F: Illumination Adjustment

- G1*: Elevation Turret Capped
- G2*: Elevation Turret -Cap Removed
- G3: Elevation Turret External, with Ballistic Stop (NEW)
- H1: Windage Turret Capped
- H2: Windage Turret -Cap Removed

- H3: External Locking Windage Turret with Ballistic Stop
- Main Tube 30mm
- Objective

Features may vary, depending upon model configurations.

For the latest updates and information regarding our products, visit zeiss.com/consumer-products/us/hunting.html

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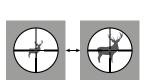


! WARNING!

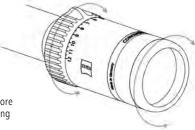
Do **NOT** look directly at the sun or other bright lights through the riflescope. Doing so may cause eye damage or blindness.

POWER ZOOM/MAGNIFICATION ADJUSTMENT

The power zoom adjustment allows for the shooter to select the desired magnification setting. The shooter can accomplish this task by rotating the adjustment while referencing the power zoom indicator scale, located on the ocular housing, and while referencing the power zoom adjustment alignment indicator. (See Image 1a.) This is a frictional adjustment, and it is designed to incorporate felt resistance during adjustment. Therefore, it should remain in position until the shooter adjusts it further.







1b. European-style fast focus eyepiece

FOCUSING THE RETICLE

The diopter adjustment and the parallax adjustment aid in creating a better sight image and aiming point. The reticle image should be clear, crisp, and in focus. The European-style fast focus eyepiece is the diopter adjustment, and it is used for establishing the reticle's focus to match your particular vision/corrected vision. If you plan to wear corrective vision glasses when shooting, then set this focus while wearing your corrective glasses or using contact lenses. The reticle focus should be established before setting the parallax adjustment. If the diopter adjustment is set to the extreme position of travel, it can negatively affect parallax. Once set, this setting is good for the season and should then be checked from time to time. Note: ZEISS recommends initially setting the diopter adjustment to neutral/zero setting and adjusting from this position if necessary.

Reticle Focus Adjustment

In order to adjust the European-style fast focus eyepiece to establish an appropriate diopter setting, simply turn the eyepiece either inward or outward to achieve the preferred setting. (See Image 1b.)

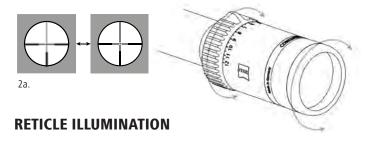
- 1. Begin at the highest magnification setting.
- 2. Set parallax to the infinity setting ∞ . (Dependent upon model.)
- 3. Look through the riflescope at a neutral colored background, such as a white or gray wall, or cover the objective lens with a light cloth to eliminate distracting background. Determine if the reticle is clear and in focus as soon as you view through the eyepiece. Note that staring at the reticle for more than about two seconds during this setup will cause your eye to begin to compensate for focus, resulting in a false indication of the reticle's true

focus. Try to assess a few seconds at a time, looking away for about 5-10 seconds, and then view again to determine results. Your goal is to view a crisp and highly focused reticle image — without straining your eye.

4. If adjustment is necessary, follow these steps: Because of the way your eye focuses, ideal results are typically obtained by turning the eyepiece inward until the reticle is slightly blurred, then moving it outward until sharp focus is obtained. (See Image 2a.)

Once you are satisfied with the reticle's focus, note the position of the eyepiece for quick reference in the future.

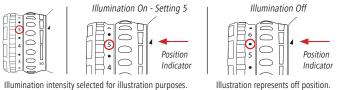
PLEASE NOTE: While using the riflescope, if the reticle tends to go in and out of focus or eye strain is present with shooting sessions, this is an indicator that the reticle needs to be focused/refocused for your eye.



Select ZEISS Conquest V4 riflescopes feature a variable intensity controlled illumination option for the reticle. The reticle's illumination control allows for adjustment of the intensity of the illumination. The variable control incorporates "off" settings in between each reticle intensity setting.

Reticle Illumination On/Off and Intensity Adjustment Settings (Located on Reticle's Illumination Control/Adjustment)

To illuminate the reticle, rotate the control to the preferred setting. To turn off the reticle illumination, rotate to an off position. You may also adjust the intensity of the illumination by rotating the control; the lower numbers indicate a decreased intensity setting, while the higher numbers indicate an increased intensity setting.



PARALLAX ADJUSTMENT (APPLICABLE MODELS)

Select ZEISS Conquest V4 riflescopes incorporate a side parallax adjustment. Some models are adjustable from 50 yards to infinity and other models are adjustable from 10 yards to infinity. Conquest V4 models that do not offer this feature have a fixed parallax setting of 100 yards.

Parallax is the apparent movement of the reticle in relation to the target as the shooter moves his eye across the exit pupil of the riflescope. This condition is caused by the target and the reticle appearing on different focal planes within the riflescope. (See supporting imagery below.)



Distance about 100 yards: Image and reticle are located in a single plane (parallax absent).



Distance about 300 yards: Image plane is behind the reticle (parallax present). The goal is to remove the parallax sighting error by adjusting the focus setting via the parallax adjustment.

When parallax is present while shooting at longer distances and at higher magnification settings, it can easily result in relevant sighting errors. For the most accurate and best shooting results, the shooter should constantly check for parallax and remove it when necessary via the side parallax adjustment, especially when shooting at targets at varying distances.

Adjusting to Remove Parallax

Check for parallax with the rifle in a stable position and while looking through the riflescope at a defined point on the target. If parallax is present, while moving your head up and down, you will witness it. When parallax is present, the reticle will appear to move slightly up and down, even though the rifle and riflescope are stationary. If the reticle remains stable across the defined point of aim, while moving your head up and down while looking through the riflescope, then parallax has been removed.

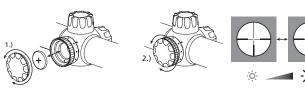
To eliminate parallax, rotate the parallax adjustment until the reticle remains stable in relation to the target, regardless of head movement.

BATTERY REPLACEMENT (SEE BATTERY WARNING PAGE 29)

The battery is located below the reticle's illumination control cap. It is removed by turning the knurled cap counterclockwise. ZEISS suggests replacing the battery in a controlled environment in order to reduce contamination to the battery compartment and ensure you more easily maintain control of the cap.

In regard to reticle illumination, a fresh battery has an estimated run time of over 700 hours when set at the lowest intensity level. Replace depleted batteries with a quality CR2032 battery or equivalent. Install the battery with the positive (+) side up.

> Battery run times can be adversely impacted by colder temperatures. Line art below is for illustrative purposes only.



1) Unscrew cap and replace battery. 2) Screw on cap and adjust to control intensity.



!! WARNING!

STOP! Make sure your rifle is unloaded, the chamber is empty, and the action is open prior to installing your ZEISS riflescope.

RIFLESCOPE INSTALLATION

POOR OR IMPROPER MOUNTING OF THE RIFLESCOPE CAN CAUSE **EQUIPMENT AND/OR PERSONAL DAMAGE, WHICH CAN RESULT IN** SERIOUS EQUIPMENT DAMAGES, AS WELL AS PERSONAL INJURY OR DEATH.

ZEISS strongly recommends that you use high-quality mounting solutions that appropriately fit the rifle model. Furthermore, we suggest using ZEISS Precision Rings for ZEISS riflescope mounting when possible. Follow the manufacturer's torque specifications for successful mounting of rings, bases and mounting solutions.

Ring and Base Selection (Rings Required: 30 mm)

To optimize the performance of the riflescope and mounting solutions, ZEISS recommends the following:

■ Use a high-quality ring and base combination that properly fits the rifle as well as the riflescope model. (Suggestion: ZEISS Precision Rings)

! WARNING!

Recoil is real energy, and it can be dangerous for the shooter! Please be certain that your installation provides maximum eye relief. Pay attention to this warning, especially when shooting uphill and/or from a prone position. Shooting conditions such as these can dramatically reduce eve relief. PLEASE MAINTAIN MAXIMUM EYE RELIEF!

Mounting the Base to the Action

Attach the base to the action, and follow the torque setting for the mounting screws provided by the manufacturer. Ensure the mounting screws and threaded holes are clean and free of grease and contaminants.

Mounting the Rings to the Base

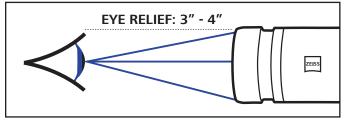
Ensure that the inside surfaces of the rings and the surface of scope tube are clean and free of grease. Do not place any other substance or material between the scope tube and inner surface of the rings.

Ensure that the height of the rings will allow for adequate clearance of the objective and barrel surface. If you plan to use flip-up or pull-over lens covers, consider the additional space requirements for those at this time. Install the rings on the base per the manufacturer's specifications. Take care to position the rings where they will not make contact with the turret assembly body, the objective bell-to-tube transition point, or the power zoom adjustment transition point.

Ensure that the riflescope lies into the rings stress-free. Damage to the riflescope or riflescope's finish resulting from improper alignment, lapping, and installation is not covered by the warranty.

Mounting the Riflescope

- 1. For initial fit of the riflescope to the rifle, set the riflescope to the highest magnification. Place the riflescope in the rings as far forward as possible. Tighten the ring screws with minimal tension to gently but safely hold the riflescope where positioned. This initial step should just allow the scope to move back and forth for Step 2 listed below
- 2. Place the rifle in your normal shooting position. Place your head as far forward on the stock as you might position it in field use. Slowly move the riflescope back just to the point where the full field of view is obtained. ZEISS recommends mounting the riflescope at this position to **ensure** maximum eye relief.



Note: While wearing thick clothing, you may need to adjust your riflescope mounting location to accommodate for maximum eye



These two surfaces should be parallel to each other. Image above is for illustrative purposes only.

LEVELING THE RETICLE

For precise shot placement, the reticle and the rifle need to be squared, or plumb, to each other. This will reduce sighting errors that will be magnified as distance to target is increased.

The reticles in ZEISS riflescopes are plumb with the flat surface on the bottom of the riflescope. To level the reticle using a plumb line, follow these helpful steps:

- 1. Ensure the rifle is unloaded and is level and affixed in a steady rest or sandbags throughout this procedure.
- 2. While viewing through the riflescope, reference a plumb line or plumb target frame at a suggested distance of approximately 100 yards.

3. From the shooting position, center/align the reticle on the plumb line for reference, and rotate the riflescope in the rings until the vertical line of the reticle is parallel with the plumb reference line. Be patient with this process, and double check the rifle's position. Rotate the riflescope as needed to align the reticle with the plumb line.

When all is adjusted and aligned properly, finalize the tightening of the ring screws evenly to secure the riflescope in the rings.

Torque the ring screws to the recommended torque settings. Your ZEISS riflescope should now be mounted and secured in the proper position.

ESTABLISHING A SIGHT-IN ZERO

NOTE: The elevation and windage turrets' adjustment settings are set at the halfway position of the riflescope's total adjustment value available, from the factory. To access the total adjustment travel value, the elevation turret's Ballistic Stop must be loosened to further maximize total travel adjustment available.

Please visit zeiss.com/consumer-products/us/hunting or ZEISS Hunting YouTube channel for a video tutorial on this process and setting methods that can maximize the performance of your Ballistic Stop configured riflescope.

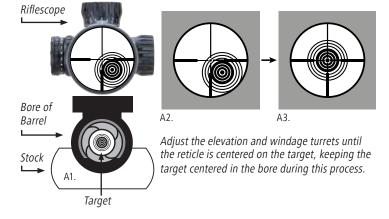
In order to save time and ammunition and achieve proper results with the least amount of effort, ZEISS suggests you have the riflescope bore sighted by an appropriate gunsmith or service center that deals in riflescope mounting. You can also accomplish this task by looking down the barrel's bore at a high

contrast target, approximately 6" in diameter. The target can be mounted at a distance of 25, 50, or 100 yards for the best solution. The selected target should be easy to see from any of these distances. While the target may be only 6" in diameter, ZEISS recommends using a white paper backer of at least 24" x 24" in size. This will allow you to visualize and plot your shot placement with ease.

- 1. Confirm that the rifle is unloaded and the chamber is empty. Affix the rifle in a steady rest, and remove the bolt assembly.
- 2. While looking down the bore's centerline, from the action end, (A1) center the target in the bore. The target should appear in the center of the barrel's bore. (A2) With rifle held in position, not allowing it to move, adjust the elevation and windage turrets until the reticle is centered on the target (A3), keeping the target centered in the bore during this process. NOTE: At this time, if you feel you have run out of elevation adjustment, refer to the next section covering the Ballistic Stop Turret to see how to access further elevation adjustment/range of travel.
- 3. With the bore sighting process completed, you can begin live firing sightin at the respective 25, 50, or 100 yards. ZEISS recommends two or three confirmation shots. After confirming your point of impact, proceed to the next step.

PLEASE NOTE: Because MOA is an angular unit of measure, if you have sighted in at 25 yards, while referencing .25 MOA adjustments, you will need to adjust the travel four times more than you would with a 100-yard sight-in. Also, if you sighted in at 50 yards, while referencing .25 MOA adjustments, you will need to adjust the travel two times more than you would with a 100-yard sight-in. If you are sighting in at 100 yds, and the

- first shot is not on the target backer paper, ZEISS suggests you move to a 25-yard sighting distance.
- 4. It is now time to aim the rifle and center the reticle on the intended sight-in target from step 3. While holding the rifle steady on the center of the target and ensuring it doesn't move, while looking through the riflescope, adjust the elevation and windage turrets until the reticle is aligned in the center of the 2-3 shot group from step 3. If you have run out of elevation adjustment/travel, refer to the next section covering the Ballistic Stop Turret to see how to access further adjustment/range of travel.
- 5. ZEISS suggests you shoot a three-shot group at the sight-in target/close-range zero distance. When this is accomplished, allow the barrel to cool, and then fine tune the riflescope's zero with final elevation and windage adjustment corrections, to your preferred target distance. Confirm your preferred and final zero and zero sight-in distance with another three-shot group.



EXTERNAL ELEVATION TURRETS WITH BALLISTIC STOP: 3-12x44, 3-12x56, 4-16x44, 4-16x50 AND 6-24x50 MODELS

Some of the Conquest V4 riflescope models incorporate an external, non-locking. multi-turn elevation turret, with a Ballistic Stop feature. The turret's multi-turn design allows for the maximum use of the riflescope's elevation travel above your established zero. This further allows for greater elevation adjustment range that supports target engagement at longer distances. The ZEISS Ballistic Stop allows for a definitive stop when the turret is returned to zero.

Note: The O-rings underneath the turret assembly must be clean and free of defects and debris. While setting and adjusting the Ballistic Stop, please ensure that these mechanical components remain free of dirt and contaminants. If you are satisfied with your ammunition selection and zero/sight-in, follow these instructions to finalize the setting of the Ballistic Stop feature:

- 1. Remove the elevation turret cap by **loosening** the two set screws; however, do not remove the screw(s) entirely. The cap can now be lifted off of the turret assembly. (See Image 1.) (Use #8 Torx[™] drive size)
- 2. You may feel slight resistance while lifting off the cap. You should NOT feel any clicks at this time; if you do, the turret cap set screws should be loosened further. Place the turret cap aside on a clean surface. Take care to keep the inside of the turret cap clean and free of debris. (See Image 2.)
- 3. The Ballistic Stop assembly is now exposed. Maintain the cleanliness of the Ballistic Stop assembly. (See Image 3.)
- 4. Loosen but do NOT remove each of the set screws on the Ballistic Stop barrel assembly. (See Images 4a, 4b, and 4c.) Note the cam at the bottom of the barrel stem assembly. Note the stop step at the top of the turret's base assembly. When these two surfaces engage, this establishes the firm stop position of the Ballistic Stop.



1. Loosen the set screws.



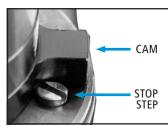
2. Place the turret aside on a clean surface.



3. Internal turret assembly.



4a. Ballistic Stop screws (x2).



4b. Cam and stop step engaged, establishing firm stop position of Ballistic Stop.



4c. Barrel assembly with cam. NOTE: Internal turret finish may differ from photo illustrations above.



5a. Rotate the slotted portion of the turret stem assembly either downward (clockwise) or upward (counter-clockwise) to your selected zero position.

- 5. With the Ballistic Stop barrel assembly loosened, remove it and set it aside. Now rotate the slotted portion of the turret stem assembly either downward (clockwise) or upward (counter-clockwise) to your selected zero position. (See Image 5a.) Once your desired sight-in zero is achieved, reinstall the Ballistic Stop barrel assembly. (See Image 5b.) Rotate it clockwise (from the shooter's position) until the cam contacts the stop step (See Image 4b for proper positioning of the Ballistic Stop cam and stop step.) Tighten the set
- 6. While holding the Ballistic Stop barrel assembly mechanism in proper position, tighten the two T8 set screws to ~5.3 in-lbs. Do NOT over tighten the screws. If you do not have a calibrated torque driver, ZEISS suggests the following: turn the Torx[™] wrench approximately 1/16 - 1/8 turn past initial resistance to obtain a secure position setting. Improper torque settings can cause the Ballistic Stop to slip during turret adjustment.

screws while holding the barrel assembly in place.

5b. Reinstall the barrel assembly 7. Reinstall the turret aligning the turret's engraved numerical zero with the vertical center line.

7. Check to be sure the entire assembly is clean and free of debris, replace the turret, center it over the turret body assembly, and press down lightly into position. Maintain slight downward pressure on the cap, align the cap's engraved numerical "0"/zero index mark with the vertical engraved center line on the turret's base housing, and tighten both T8 set screws to ~5.3 in-lbs. If you do not have a calibrated torque driver, ZEISS suggests the following: turn the Torx[™] wrench approximately 1/16 - 1/8 turn past initial resistance to obtain a secure position setting. Improper torque settings can cause the turret's cap to slip during turret adjustment.

NOTE: Internal turret finish may differ from photo illustrations above. There may be engraving variations on certain models. Photos are for illustration purposes only.

HOW TO ADJUST THE EXTERNAL LOCKING WINDAGE TURRET (ELWT) FOR ZERO.

From the factory, the ZEISS External Locking Windage Turret (ELWT), with windage limiter, adjustment is set in the middle of the full operating range of windage travel Basically, this means the adjustment is centered to the optical design.

You will most likely need to adjust the ELWT beyond the factory settings for your zeroing needs, and then you will need to re-index to zero once you have sighted-in your riflescope. This is typical of all riflescopes. The adjustment process is simple, but it does require your attention to detail.

- **Remember, safety comes first.** Before attempting to zero your rifle, ALWAYS make sure the firearm is unloaded. Remove or drop your magazine from the firearm. Then ensure the chamber is empty of ammunition. Finally, make sure the action is open at all times when installing a riflescope and/or while making initial zeroing and indexing adjustments.
- The ELWT should be in the unlocked position (pulled out) when adjusting for zero. While zeroing your rifle, if you have adjusted your ELWT and have encountered the windage limiter – which feels like a hard stop – you will need to remove the ELWT adjustment knob in order to achieve further adjustment for zeroing. (See Image 1.)
- Remove the ELWT adjustment knob by first ensuring the turret is in the locked position (pushed in). (See Image 2.)

NOTE: At this time, please note the position of the head of the T6 Torx screw in conjunction with the face of the turret knob. (This will be helpful during the reassembly process.) Remove the T6 Torx screw centered on the face of the turret by turning it counter-clockwise. (See Image 3)



1. Pull out to unlock. Rotate the ELWT to establish your preferred zero setting.



2. ELWT is in the locked position (Pushed in)

3. In the locked position, loosen the turret's top TorxTM screw



4. Pull and remove the turret knob from the turret housing and set it aside

- With the Torx screw removed, pull out on the adjustment knob until it is removed from the turret assembly. Set it aside on a clean surface. Take care not to contaminate the internal surfaces of the knob or the exposed mechanics and O-ring of the turret. (See Image 4.)
- Pull out the bucket (See image 4) and rotate it to where the Bucket Pin is located at the **opposite side** of the windage limiter's Base Assembly Limiter Pin from where it had stopped. (See Image 5a and 5b.)
- Replace and ensure the bucket is seated properly, and replace the adjustment knob by firmly pressing it over the turret body - into the lock position. Replace the T6 Torx screw as it was before removal, in conjunction with the face of the turret knob, tightening the T6 Torx screw to 5.3 - 6.0 inch-pounds. (See Image 6a.)
- Continue to adjust the ELWT adjustment until the desired sight-in zero setting is established. (If necessary, you may need to repeat steps 4-6 if you experience the turret stopping at the limiter again while trying to establish your selected zero.) (See Image 6b.)
- **Final Steps:** Once your sight-in zero is established, you should re-index to the turret knob's numerical 0 setting to the indicator. (See Image 7b for example.) i. In order to re-index to zero, follow these steps. Ensure the turret in the LOCKED position. (Note the position of the head of the T6 Torx screw in conjunction with the face of the turret knob for the reassembly process.)
 - ii. Remove the T6 Torx screw on the face of the turret by turning it counter-clockwise. With the Torx screw removed, pull out on the adjustment knob until it is removed from the turret assembly. (See Image 7a.)
 - Pull out and remove the bucket. Position the bucket pin 180 degrees opposite from the base assembly limiter pin and replace the bucket ensuring that it seats properly.
 - Position the adjustment knob so that the number 0 is indexed with the windage indicator mark, and while holding it in alignment, gently press in ensuring alignment is maintained until it stops. (See Image 7b.) Do not contaminate the O-ring of the turret. iii. For final assembly replace the T6 Torx screw as it was before removal in conjunction with the face of the turret knob, tightening the T6 Torx screw to 5.3 - 6.0 inch-pounds.



opposite side of the Base Assembly Pin.



6a. Replace the adjustment knob and then 6b. Adjust the ELWT adjustment until the install the Torx[™] screw as it was before.

desired sight-in zero setting is established



7a. Remove the Torx[™] screw and pull out on 7b. Rotate to index the number 0 to the the adjustment knob. windage indicator mark. Replace the screw.

CAPPED FLEVATION TURRETS: 3-12x44, 3-12x56 AND 4-16x44 MODELS

- 1. The capped elevation turret is waterproof, even with the cap removed. This type of turret is typically associated for use in traditional hunting, where there is no need to adjust the elevation turret setting, once zero has been established, while in the field.
- 2. With the cap removed, the elevation turret is now accessible, and you can adjust the turret in either direction for appropriate sight-in correction for both up and down sighting corrections.
- 3. Once your sight-in is established, re-index to the turret's numerical "0"/ zero setting by simply lifting the elevation turret's outer ring and freely rotating it to index the zero position. You should not feel any clicks when lifting and rotating the elevation turret's outer ring to the indexed "0"/zero position.
- 4. You can now replace the elevation turret's cap.



1. Rotate counterclockwise to remove cap.



2. Adjust the turret either clockwise for downward bullet impact on target. or counter clockwise for upward bullet impact on target, for appropriate sight-in corrections.



3. Lift the elevation turret's outer ring and freely rotate it to index the zero position.



4. Replace the elevation turret's cap.

CAPPED WINDAGE TURRETS: ALL MODELS

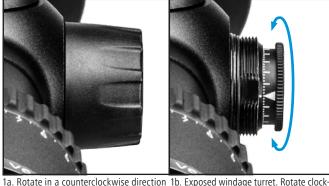
This type of turret is typically associated for use in traditional hunting, where there is no need to adjust the windage turret setting, once zero has been established, while in the field. This is a preferred turret choice for those who prefer to use the reticle to hold-off for windage corrections while in the field. It serves as a solid and well-protected system that avoids inadvertent adjustments of the windage turret while in the field. The capped windage adjustment is waterproof, even with the cap removed, and can be used without the cap installed. See illustrating images to identify capped windage

1a. Regarding the capped windage turret adjustment, remove the protective cap by rotating it in a counterclockwise direction.

1b. With the cap removed, the windage turret is now accessible and can be adjusted in either direction for appropriate sight-in correction for both left and right sighting corrections.

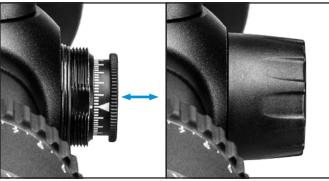
1c. Once your sight-in is established, re-index to the turret's numerical "0"/ zero setting by simply pulling out the windage turret's outer ring and freely rotating it to index the zero position. You should not feel any clicks when pulling out and rotating the windage turret's outer ring to the indexed "0"/ zero position.

1d. Replace the windage turret's cap.



to remove the protective cap.

wise to move bullet impact left on target Rotate counter clockwise to move bullet impact right on target.



1c. Pull out the windage turret's outer ring and freely rotate it to index the zero position. Release the turret's outer ring

1d. Replace the windage turret's cap.





- Capped Elevation Turret
- Capped Windage Turret
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- Capped Windage Turret
- Capped Elevation Turret Capped Windage Turret

3-12x56*

Illuminated Reticle





4-16x44

External Elevation Turret

Adjustable Parallax







- Capped Elevation Turret Capped Windage Turret
- Capped Windage Turret Illuminated Reticle
 - Adjustable Parallax
- 4-16x44
- External Elevation Turret
- Capped Windage Turret Illuminated Reticle
- Adjustable Parallax





- External Elevation Turret
- External Locking Windage Turret
- Illuminated Reticle
- Adjustable Parallax





- External Elevation Turret
- Capped Windage Turret
- Illuminated Reticle
- Adjustable Parallax





- External Elevation Turret
- External Locking
- Windage Turret
- Illuminated Reticle Adjustable Parallax



6-24x50

■ External Elevation Turret

Capped Windage Turret

Illuminated Reticle

Adjustable Parallax



- 6-24x50
 - External Elevation Turret
 - External Locking
 - Windage Turret
 - Illuminated Reticle
 - Adjustable Parallax

^{*}Available with External Elevation Turret as of August 2024

OPTIONAL ACCESSORIES

ZEISS Precision Rings

WITH INTEGRAL ANTI-CANT BUBBLE LEVEL

ZEISS ultralight 1913 Mil-Std, STANAG-compliant rings are manufactured to the highest of standards, from premium materials, and with tight tolerances for your long-term safety and field applications. They are designed for optimal long-range shooting solutions and allow for either rightor left-handed operations as well as eye dominance. The bubble level is easily viewed from the shooting position, creating no disturbance in your shooting position. A smarter, sleeker, and ultralightweight ring design for all heavy-duty hunting and shooting applications.

Recoil Lug

Integral bottom recoil lug for best alignment and a secure zero under the harshest recoil

Hard Case

Included, with both T15 and T25 Torx® driver bits

Bubble Level

Integral anti-cant bubble level in top half of ring

Ultralight

Approximately 4.4 oz. with screws (set 30 mm low)

Durable Material

7075-T6 aluminum, Mil-Std, Type III, 30-micron hard anodized finish – matte black

Wider

Offers more clamping surface for a more secure mounting solution for heavy recoiling rifles and heavy riflescopes

Refined Design

Compact and refined design, with low-profile, non-snagging hardware Type 303 stainless steel top cap screws – with black oxide finish Micro-radiused on all machined leading edges to ensure a non-marring design Ring height measurements are determined from top of mounting rail to center line of ring's bore.



Image displayed is a 30 mm medium-height ring. Sizes available: 30 mm, 34 mm, 36 mm in various heights.

MAGNIFICATION THROW LEVER

For fast magnification adjustments when speed is a critical factor.





ZEISS THREE-INCH SUNSHADE

Matte Black - Hard Anodized

This ZEISS Conquest V4 & V6 accessory helps to eliminate harsh glare from the sun while viewing and shooting. Simply install by threading the sunshade to the riflescope's objective.

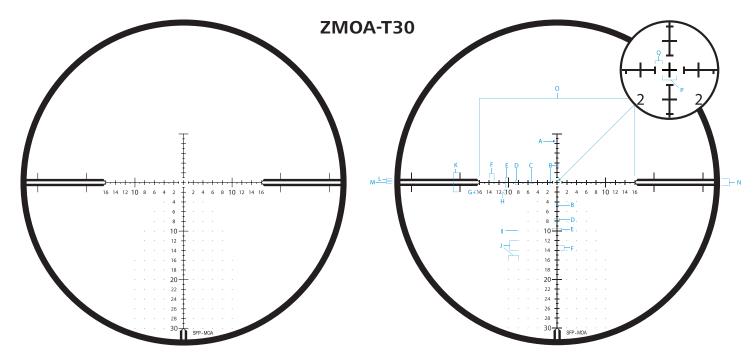




50 mm



56 mm

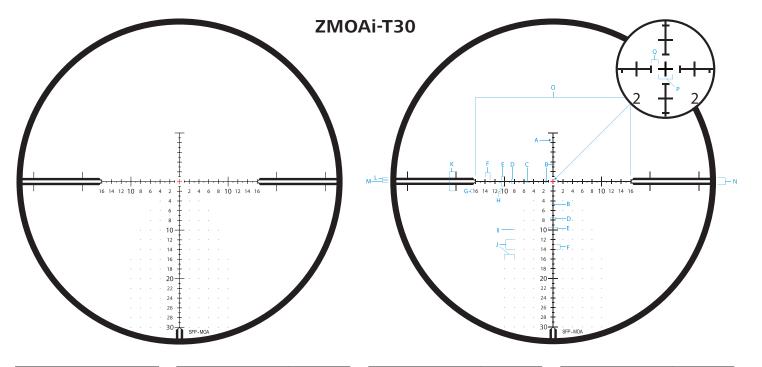


RETICLE TYPE	RETICLE #
ZMOA-T30	#64
NON-ILLUMINATED	

RIFLESCOPE SECOND FOCAL PLANE	CONQUEST V4 4-16x44
Magnification / Subtension	@ 16x
UNIT OF MEASURE	MOA
Line Thickness - A	0.12
Distance - B	0.5
Distance - C	0.25

Distance - D	1.0
Distance - E	2.0
Distance - F	1.0
Standard Number Height - G	0.75
10, 20, 30 Number Height - H	1.0
Dot Size - I	0.12
Dot Spacing - J	2.0

Distance - K	4.0
Distance - L	0.5
Distance - M	0.5
Distance - N	1.5
Distance - O	32
Distance - P	1.0
Spacing Around Center Cross - Q	0.5

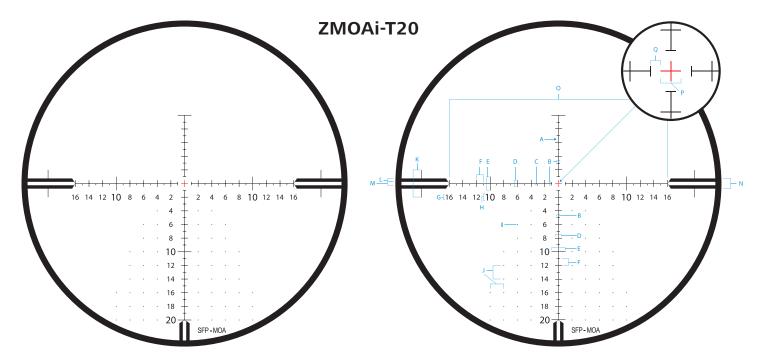


RETICLE TYPE	RETICLE #
ZMOAi-T30	#64
ILLUMINATED	

RIFLESCOPE(S) SECOND FOCAL PLANE	CONQUEST V4 4-16x44/50
Magnification / Subtension	@ 16x
UNIT OF MEASURE	MOA
Line Thickness - A	0.12
Distance - B	0.5
Distance - C	0.25

Distance - D	1.0
Distance - E	2.0
Distance - F	1.0
Standard Number Height - G	0.75
10, 20, 30 Number Height - H	1.0
Dot Size - I	0.12
Dot Spacing - J	2.0

Distance - K	4.0
Distance - L	0.5
Distance - M	0.5
Distance - N	1.5
Distance - O	1.0
Distance - P	1.0
pacing Around Center Cross - Q	0.5

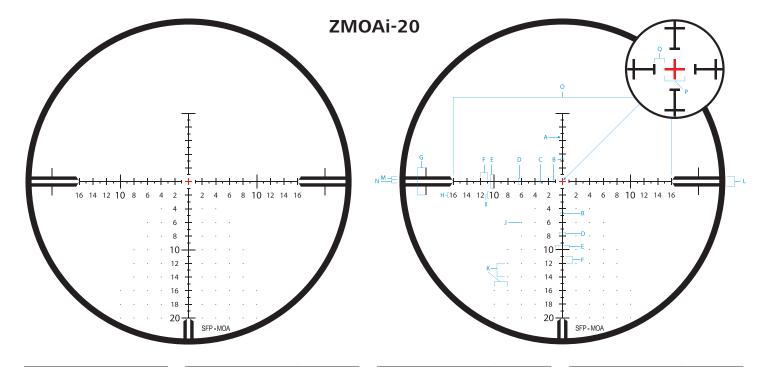


RETICLE TYPE	RETICLE #
ZMOAi-T20	#65
ILLUMINATED	

RIFLESCOPE SECOND FOCAL PLANE	CONQUEST V4 6-24x50
Magnification / Subtension	@ 24x
UNIT OF MEASURE	MOA
Line Thickness - A	0.06
Distance - B	0.5
Distance - C	0.25

Distance - D	1.0
Distance - E	2.0
Distance - F	1.0
Standard Number Height - G	0.75
10, 20 Number Height - H	1.0
Dot Size - I	0.12
Dot Spacing - J	2.0

Distance - K	4.0
Distance - L	0.5
Distance - M	0.5
Distance - N	1.5
Distance - O	32
Distance - P	1.0
Spacing Around Center Cross - Q	0.5

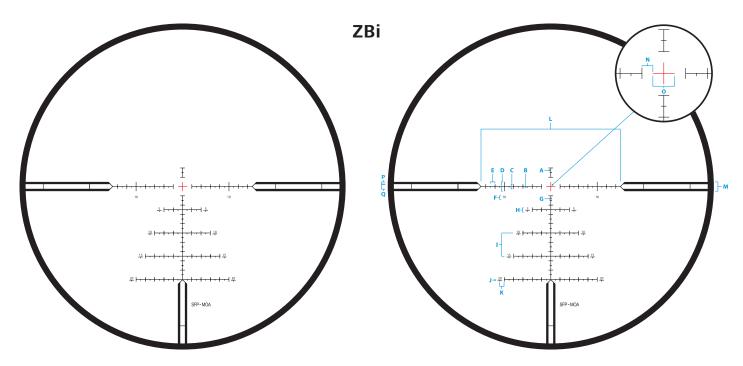


RETICLE TYPE	RETICLE #
ZMOAi-20	#89
ILLUMINATED	

RIFLESCOPE SECOND FOCAL PLANE	6-24x50
Magnification / Subtension	@ 24x
UNIT OF MEASURE	MOA
Line Thickness - A	0.12
Distance - B	0.5
Distance - C	0.25

Distance - D	1.0
Distance - E	2.0
Distance - F	1.0
Standard Number Height - G	0.75
10, 20 Number Height - H	1.0
Dot Size - I	0.12
Dot Spacing - J	2.0

istance - K	4.0
istance - L	0.5
istance - M	0.5
istance - N	1.5
istance - O	32
istance - P	1.0
pacing Around Center Cross - Q	0.5

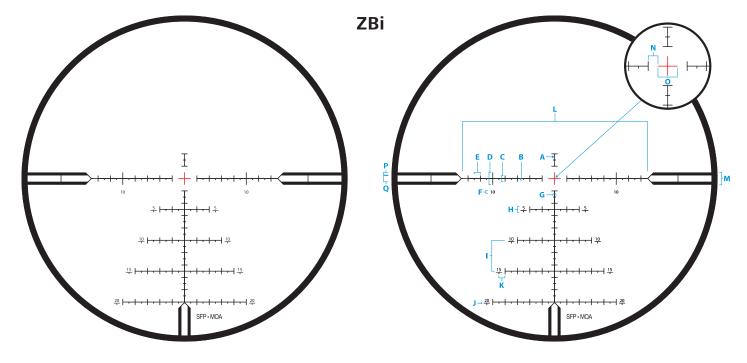


RETICLE TYPE	RETICLE #
ZBi	#68
ILLUMINATED	

RIFLESCOPE(S) SECOND FOCAL PLANE	CONQUEST V4 4-16x44/50
Magnification / Subtension	@ 16x
UNIT OF MEASURE	MOA
Line Thickness - A	0.12
Distance - B	0.25
Distance - C	1.0

Distance - D	2.0
Distance - E	1.0
Number Height - F	0.5
Distance - G	0.5
Drop Indicator Height - H	1.0
Line Spacing - I	5.0
Drop Indicator Line Thickness - J	0.06

Distance to Center of Number - K	1.0
Distance - L	30
Distance - M	2.0
Spacing Around Center Cross - N	1.0
Distance - O	2.0
Distance - P	0.5
Distance - Q	1.0

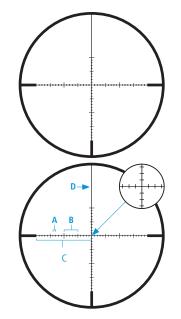


RETICLE TYPE	RETICLE #
ZBi	#68
ILLUMINATED	

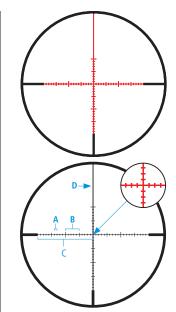
RIFLESCOPE(S) SECOND FOCAL PLANE	6-24x50
Magnification / Subtension	@ 24x
UNIT OF MEASURE	MOA
Line Thickness - A	0.12
Distance - B	0.25
Distance - C	1.0

Distance - D	2.0
Distance - E	1.0
Number Height - F	0.5
Distance - G	0.5
Drop Indicator Height - H	1.0
Line Spacing - I	5.0
Drop Indicator Line Thickness - J	0.06

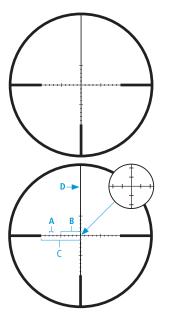
istance to Center of Number - K	1.0
istance - L	30
istance - M	2.0
oacing Around Center Cross - N	1.0
istance - O	2.0
istance - P	0.5
istance - Q	1.0



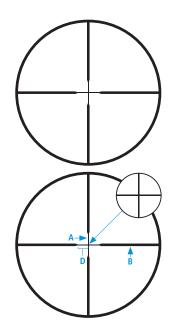
RETICLE TYPE	RETICLE #	
ZMOA-1	#93	
NON-ILLUMINAT	ED	
RIFLESCOPE	CONQUEST V4 6-24x50	
Magnification	@ 24x	
	MOA	
Distance A	1	
Distance B	5	
Distance C	20	
Line Thickness D	0.14 @ 24x	



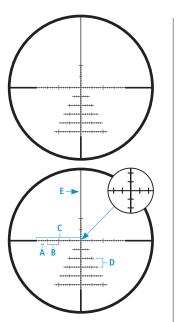
RETICLE TYPE	RETICLE #			
ZMOAi-1	#93			
ILLUMINATED				
RIFLESCOPE(S)	CONQUEST V4 4-16x50	CONQUEST V4 6-24x50		
Magnification	@ 16x	@ 24x		
	MOA	MOA		
Line Thickness A	1	1		
Bar Thickness B	5	5		
Dot Size C	20	20		
Opening D	0.14 @ 16x	0.14 @ 24x		



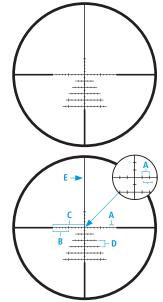
DETICLE TYPE	DETICLE "
RETICLE TYPE	RETICLE #
ZMOA-2	#94
NON-ILLUMINATE	D
RIFLESCOPE	CONQUEST V4 4-16x44
Magnification	@ 16x
	MOA
Distance A	2
Distance B	10
Distance C	20
Line Thickness D	0.19 @ 16x



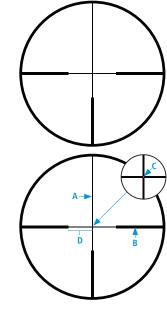
RETICLE TYPE		RETICLE #
Z-Plex		#20
NON-ILLUMIN	IATED	
RIFLESCOPE(S)	CONQUEST V4 3-12x44 / 56	CONQUEST V4 4-16x44
Magnification	@ 12x	@ 16x
	MOA	MOA
Line Thickness A	0.17	0.13
Bar Thickness B	0.95	0.71
Dot Size C	N/A	N/A
Opening D	16.6	12.5



RETICLE TYP	E	RETICLE #
ZBR-1		#9 <i>*</i>
NON-ILLUMI	NATED	
RIFLESCOPE	CONQUEST V4 3-12x44	CONQUEST V4 6-24x50
Magnification	@ 12x	@ 24x
	MOA	MOA
Distance A	1	1
Distance B	5	5
Distance C	20	20
Distance D	4	4
Line Thickness E	0.14 @ 12x	0.14 @ 24x



RETICLE TYPE	RETICLE #
ZBR-2	#92
NON-ILLUMINAT	ED
RIFLESCOPE(S)	CONQUEST V4 4-16x44
Magnification	@ 16x
	MOA
Distance A	2
Distance B	10
Distance C	20
Distance D	4
Line Thickness E	0.19 @ 16x



		/	
RETICLE TYPE			RETICLE #
Plex-style	w/ dot		#60
ILLUMINATED)		
RIFLESCOPE(S)	CONQUEST V4 3-12x56	CONQUEST V4 4-16x44	CONQUEST V4 6-24x50
Magnification	@ 12x	@ 16x	@ 24x
	MOA	MOA	MOA
Line Thickness A	0.34	0.21	0.14
Bar Thickness B	1.72	1.07	0.72
Dot Size C	0.24	0.24	0.16
Opening D	24.07	15	10



CARING FOR YOUR RIFLESCOPE

Ensure your ZEISS riflescope is NOT exposed to extreme heat over prolonged periods of time, such as those elevated temperatures sometimes found inside of a vehicle on a sunny day.

Your ZEISS riflescope is designed and manufactured to give you many years of reliable and long-term service. One of the best ways to protect your optical investment is to be sure and use appropriate lens covers when you are not using your riflescope. To further protect your riflescope, ZEISS strongly suggests you keep the product clean and free of troublesome sand, dirt, salt water, and various contaminants.

Cleaning Your ZEISS Riflescope's Exterior

For a heavily soiled riflescope, you can rinse the riflescope under a stream of cool or warm water, and then wipe it down with a water-moistened towel. Do not use strong solvents to clean your riflescope or its optics. Using such solvents will void the ZEISS warranty.

STOP: CONFIRM CHAMBER IS EMPTY AND RIFLE IS UNLOADED. When cleaning your rifle and rifle barrel, PLEASE ENSURE THAT THE RIFLESCOPE'S LENS COVERS ARE IN PLACE FIRST. These types of cleaning solvents can and will destroy the fine and precision multi-layer lens coatings.

Cleaning Your Lenses

ZEISS recommends using original ZEISS branded lens cleaning solutions, supplies, and complete cleaning kits to care for the lenses on your riflescope.

First, permit heavy or large debris on the lens surfaces to fall away from the surface. Try to carefully remove loose dirt and dust with a lens brush.

STOP: Do **NOT** use the types of compressed air cans found typically in the office supply section of various retail outlets. When used improperly, they can destroy lens coatings, causing the coatings to peel away or blister from the lens surface.

You can also remove stubborn grit and other contaminants by gently flushing the surface with distilled water. With these larger contaminants removed, you can now gently swab the lenses clean by following the respective lens cleaning instructions.

ZEISS strongly suggests using a clean, lint-free, pre-moistened microfiber cleaning cloth or appropriate lens swab and an appropriate lens cleaning solution. Starting in the center of the lens, begin swabbing in a circular motion, working toward the outside. Once you reach the outer diameter of the lens you are cleaning, use a new swab or another portion of the microfiber cloth to avoid streaking the lenses with contaminants and grease frequently located where the lens comes in contact with the metal lens housing. Make only one pass to the edge where the glass meets the metal. Repeat this process as necessary until desired results are achieved. TIP: Use only a small amount of cleaning solution for the final lens swabbing to prevent streaks.

Long-Term Storage

ZEISS suggests you remove the battery — where applicable — if the riflescope will not be used for a prolonged period of time. Store the riflescope in a cool, dry, clean. and contaminant-free location.

WARNING:

information.

 Do not place riflescopes in the hands of children, small parts can come loose and be swallowed. This may result in a suffocation hazard.

BATTERY: (When your product is equipped with an illuminated reticle)

⚠ WARNING

INGESTION HAZARD: This product contains a button cell or coin battery **DEATH** or serious injury can occur if ingested

A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours.

KEEP new and used batteries OUT OF REACH of CHILDREN
Seek immediate medical attention if a battery is suspected to be
swallowed or inserted inside any part of the body.
In the event of swallowing, consult a doctor immediately.
For treatment information in the US call: 1-800-498-8666
For treatment information in Australia call: 131 126
For all other countries: Call a local poison control center for treatment



(A)

- Even used batteries may cause severe injury or death.
 - Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Replace only by non-rechargeable battery type CR2032 with nominal battery voltage of 3V.
- Non-rechargeable batteries are not to be recharged
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Handle used batteries according to the battery manufacturer's instructions.
- Ensure the batteries are installed correctly according to polarity (+ and -)
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.

- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

WARNINGS FOR PROPER HANDLING:

↑ WARNING

OPTICAL RADIATION HAZARD: This product focuses light and can act like a burning glass.

SEVERE INJURY OF THE EYES can occur this riflescope is aimed at strong light sources.



Never LOOK AT LIGHT SOURCES such as the sun, flashlights, or lasers with the riflescope.

↑ WARNING

FIRE HAZARD: This product focuses light.

DANGER DUE TO FIRE: The objective lens and eyepiece can function as a burning glass and damage the interior components as well as burn objects behind it.

Do not point the riflescope at intense light sources. Never leave the device in the sun without the protective lens cap.



- Always check and ensure that the firearm is unloaded before working on the riflescope mounted on the weapon.
- To prevent injury, ensure that there is sufficient eye relief when mounted.
- Before using, ensure that your riflescope is in proper working condition.
- Look through your riflescope to test if the optics provide a clear, undisturbed image.
- If handled roughly, a maladjustment cannot be ruled out.
- Test the correct setting on the reticle using controlled shots.
- Avoid touching the metal surface after exposure to sunlight or cold.

CONSUMER PRODUCT SERVICE AND REPAIR – NORTH AMERICA

STOP: Before sending a riflescope in for service, please call ZEISS Sports Optics Customer Care team at the number below in order to determine if the issue/concern can be resolved without having to return the product.

1-800-441-3005 info.sportsoptics.us@zeiss.com

After your initial inquiry, if it was determined that your ZEISS product needs to be sent in for evaluation, service, or repair, Customer Care can assist you in accessing the secure online Repair Form. Please complete all sections of the Repair Form before submitting it. It is particularly important that you provide a phone number and email address (if possible) so that ZEISS can communicate with you about your case. Upon submitting the Repair Form, you will see a printable document containing your case number and the shipping address of our service facility. Please include a copy of this document with the product you send us, and keep one for your records. If you are unable to complete the online Repair Form due to a lack of internet access, Customer Care can advise you on how to ship your product to us along with all the information we will need to create a service case for you.

Be sure to place the appropriately wrapped and protected product in a proper shipping container. Insure it for replacement value, and ship it shipping prepaid to the appropriate address listed below.

USA Residents: Please send to ZEISS Service/Repair Dept. **ZEISS Consumer Products** 1050 Worldwide Blvd.

Hebron, KY 41048-8632 P: 1-800-441-3005

Canadian Residents: Please send to ZEISS Authorized Distributor:

Gentec 90 Royal Crest Court Markham, Ontario CANADA L3R 9X6 P: 905-513-7733

Rest of the World:

Due to legal requirements and export/import restrictions, any product exported or sold outside the United States and Canada must be returned to the original point of purchase, with a copy of the invoice or your product registration information.

DO NOT return exported items directly to Carl Zeiss Optical, Inc. from outside the United States.

DO NOT return exported items directly to Gentec International from outside Canada.

Carl Zeiss SBE, LLC and Gentec International cannot accept products from, or ship products to, locations outside the United States and Canada respectively.

This document is subject to improvements and changes without prior written notice.

SPECIFICATIONS

			V4		
Model	3-12×44	3-12×56	4 – 16 x 44	4 – 16 x 50	6-24×50
Magnification	3 x - 12 x	3 x – 12 x	4 x - 16 x	4 x - 16 x	6 x - 24 x
Focal Plane	Second	Second	Second	Second	Second
Effective Lens Diameter	27.1 mm – 44 mm	27.7 mm – 56 mm	33.2 mm – 44 mm	34.5 mm – 50 mm	44.9 mm – 50 mm
Exit Pupil Diameter	8.9 mm – 3.7 mm	9.2 mm – 4.7 mm	8.5 mm – 2.8 mm	8.5 mm – 3.1 mm	7.5 mm – 2.1 mm
Twilight Factor	9.0 - 23.0	9.1 – 25.9	11.5 – 26.5	11.7 – 28.3	16.4 – 34.6
Field of View at 100 yds	38 ft – 9.5 ft	38 ft – 9.6 ft	28.5 ft - 7.1 ft	28.5 ft - 7.1 ft	19 ft – 4.8 ft
Angular Field of View, Real	7.24° – 1.81°	7.3° – 1.8°	5.4° – 1.4°	5.43° – 1.36°	3.6° - 0.9°
Diopter Range	- 3 / + 2 dpt				
Eye Relief		3.5 in			
Parallax Setting	100 yds	100 yds	10 yds – ∞	10 yds — ∞	10 yds – ∞
Elevation Adjustment Range	70 MOA	70 MOA	AOM 08	80 MOA	80 MOA
Windage Adjustment Range	70 MOA	70 MOA	60 MOA	60 MOA	60 MOA
Click Value	0.25 MOA				
Main Tube Diameter	30 mm				
Eyepiece Tube Diameter			44 mm		
Objective Tube Diameter	50 mm	62 mm	50 mm	56 mm	56 mm
Coating			LotuTec® / ZEISS T*		
Fogproof	Nitrogen Purged				
Waterproof	400 mbar (submerged 13 ft for 2 hours)				
Operating Temperature	-4/+131°F				
Length	13.8 in	14.5 in	14 in	14.5 in	14.5 in
Weight / with Illumination (oz)	17.9	20.9 / 21.8	21.3	23	22.5 / 23
Weight with Ballistic Stop (oz)	18.2 oz	21.5 oz	22.93	24.13	24.13
Weight with ELWT (oz)	N/A	N/A	22.93	24.13	24.13
Reticles	Z-Plex	Z-Plex / #60 illum.	#60 illum. / Z-Plex /	ZMOAi-1 illum. / ZBi illum.	#60 illum. / ZMOAi-1 illum.
			ZBi illum. / ZMOAi-T30 illum.	ZMOAi-T30 illum.	ZMOAi-T20 illum. / ZBi illum ZMOAi-20 illum.

Specific configurations of ZEISS Conquest V4 scopes incorporate the original pre-2020 product features and specifications. (E.g. Standard engravings and parallax adjustment of 50 yards to infinity.) ZEISS is not responsible for typographical errors. Product images are for illustration purposes only. Specifications and products may change without prior written notice. All efforts have been made to make sure content is accurate at time of printing.



ZEISS Transferable Limited Lifetime Warranty and Transferable Five-Year **No-Fault Policy**

At ZEISS North America we back your Sports Optics purchase with a limited lifetime warranty as well as a five-year no-fault policy — both fully transferable.

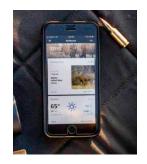
The warranty protects against defects in workmanship and materials in the Optical System for the life of the product, and in electronic components for five years from the date of purchase. Components and accessories (such as lens caps) are warranted for one year from the date of purchase. If a ZEISS product has a defect covered by this warranty, we will either repair it, or replace it, with a new or reconditioned ZEISS product of comparable specifications. Please note that certain specialty products (such as stabilized binoculars and DTI thermal cameras) have shorter warranty periods.

ZEISS understands that accidents happen, so in addition to the limited lifetime warranty, we offer the added protection of our transferable Five-Year No-Fault Policy on select Victory, Conquest, V8, SFL and LRP products. If you accidentally damage your product during normal and intended use within the first five years of the life of the product, we will either repair it, or replace it, at no cost to you.

To view the complete details of the Transferable ZEISS Limited Lifetime Warranty and Transferable Five-Year No-Fault Policy, please visit: zeiss.com/consumer-products/us/service.html

ZEISS HUNTING **APP**

iOS / Android Compatible



In order to maximize the use, features, and benefits of your ZEISS riflescope, we invite you to download the ZEISS Hunting App. This free app offers unique and easy-to-use information at your fingertips.





zeiss.com/consumer-products/us/hunting

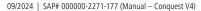
Customer Service 1-800-441-3005 info.sportsoptics.us@zeiss.com

Carl Zeiss SBE, LLC Consumer Products





JOIN THE CONVERSATION







Seeing beyond