



TANGO6T™

TANGO6T 1-6X24MM TACTICAL RIFLESCOPE

OWNERS MANUAL

SIG SAUER

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Please visit sigsauger.com for Owners Manual downloads.

General Safety Information

WARNING

Safety is the number one concern when working with firearms.

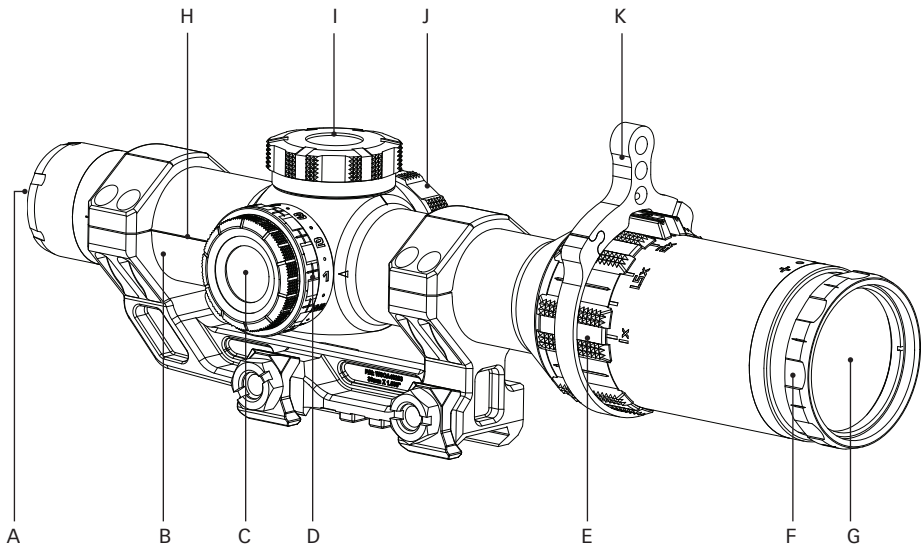
- Keep the muzzle pointed in a safe direction at all times.
- Never allow live ammunition to be brought into the maintenance/cleaning area.
- Verify that the firearm is unloaded and clear prior to performing any maintenance.
- Do not touch the trigger unless the procedure requires you to do so.
- Always wear safety glasses with side shields when performing maintenance.

Setting Up A Safe Work Place

Having a proper work area to install this kit will help ensure success and reduce the chance of damaging the firearm. A solid workbench with a bench mat, and a properly mounted vise with a mag well block will help free up your hands for installation.

PRODUCT IDENTIFICATION

- A** Objective Lens
- B** Main Tube
- C** Battery Cap
- D** Illumination Lock Ring
- E** Magnification Power Selector Ring
- F** Diopter Adjustment Ring
- G** Ocular Lens
- H** Mounting Reference Line
- I** Elevation Turret
- J** Windage Turret
- K** Magnification Throw Lever



Shown with optional ALPHA3 Mount

SIG SAUER ELECTRO-OPTICS TANGO6T 1-6x24MM KIT CONTENTS

DESCRIPTION	QTY
TANGO6T 1-6x24MM Riflescope	1
Riflescope Throw Lever	1
CR2032 Battery	1
Lens Cleaning Kit	1
2MM Hex Key	1

INSTALLATION

REQUIRED TOOLS	
DESCRIPTION	QTY
T15 Torx Wrench	1
1/2" Wrench	1
2MM Hex Key	1

Mounting the TANG06T riflescope to a SIG SAUER ALPHA Mount

Unscrew the mount screws with the provided T15 Torx tool and remove the mount ring top caps.

Place the riflescope inside of the mount and reinstall the top caps. Tighten the mount screws to finger tight. You will adjust these fasteners again later.

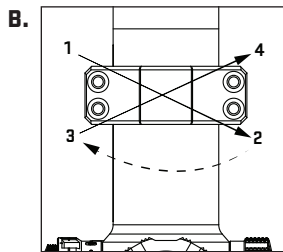
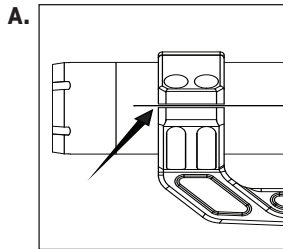
Place the riflescope on top of the desired weapons system. Set your approximate eye relief by moving the mount forward or backwards in different Picatinny slots. Optimal eye relief is 3.8" for the 1-6x24MM scope. This is the distance from the ocular lens to the shooters eye.

Applying light pressure forward and to the left on your mount, tighten the 1/2" hex bolts to 1/4 turn past hand-tight or 65 in-lbs.

Now you can slide the scope forwards and backwards inside of the mount to set your fine or final eye relief.

A. Level your riflescope inside of your mount with the reference line located on the front lefthand side of the maintube. This reference line matches up with the top of the mount base.

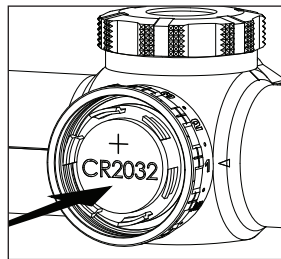
B. The four screws which hold the mount top cap together should be tightened in an 'X' pattern using the provided T15 Torx wrench. Take care to make sure the gaps on either side are kept even, the screws should be finger tight plus a 1/8 turn or 25 in-lbs.



OPERATION

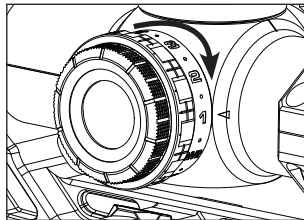
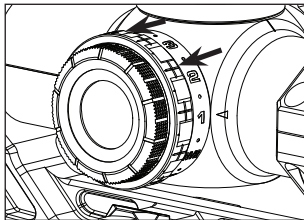
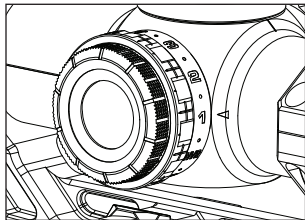
Installing the battery

TANGO6T riflescopes are equipped with illuminated reticles and require CR2032 batteries. To install the battery loosen the battery cap on the left side of the riflescope turret. Place the battery into the battery compartment with the plus side facing outward. Screw the battery cap down snug to ensure optimal sealing of the battery compartment.



Illumination brightness settings

- Pull illumination lock ring out to change brightness settings
- Select the illumination brightness level that suits your conditions the best
- Higher power settings are better suited for brighter conditions
- Lower power settings are better suited for low light conditions
- Brightness level settings alternate between on and off locations
- NV2 is the brightest Night Vision setting, with NV1 being the lowest Night Vision setting
- Push illumination lock ring back in to lock



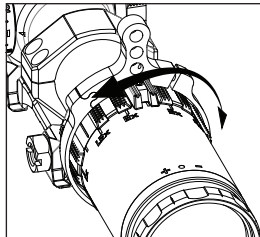
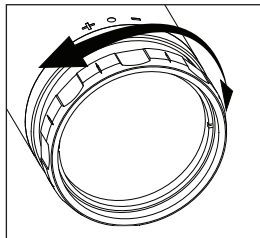
SIGHT ADJUSTMENTS

Focusing the reticle with the Diopter Adjustment Ring

Aim the riflescope at a light object or wall to maximize the contrast of the reticle. Turn the diopter until the reticle comes into focus.

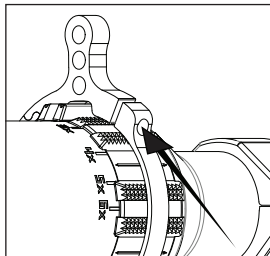
Adjusting Power

TANGO6T riflescopes are variable power. In order to increase the power setting rotate the power selector ring clockwise. Turn the power selector ring until the image is magnified to the desired range.



Installing the throw lever

Loosen the set screw on the provided throw lever. Slide it over the eyepiece onto the middle of the Power Select Ring. Tighten the 2MM Hex to 5 in-lbs.



Bore sighting

With the rifle in a firm rest, remove the bolt from your rifles action (with AR style rifles remove the rifles upper from its lower assembly and remove the bolt carrier). Look through the rifles barrel from the rear of the rifle and aim it so that your target is centered inside of the barrel. Without moving the position of the barrel, use the elevation and windage adjustments of your riflescopes reticle so that it is also in the center of the target.

Point of Impact (POI) corrections

POI corrections should be done using the center of a three shot group. If you are not able to get a consistent three shot group then you will need to further troubleshoot your firearm.

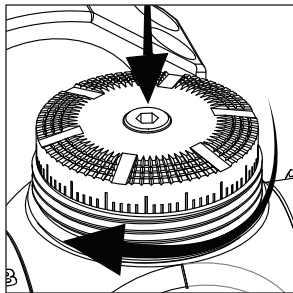
If your POI is located to the left of your point of aim (POA), you will need to adjust the windage to the right. To move the POI to the right turn the windage adjustment dial counter-clockwise. To move the POI to the left turn the windage adjustment dial clockwise.

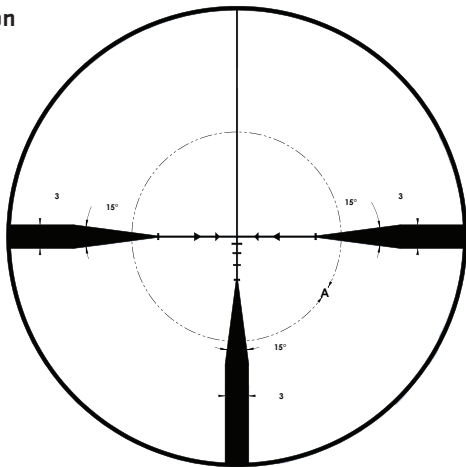
If your POI is located below your POA you will need to adjust the elevation adjustment dial up. To move the POI up you will need to turn the elevation adjustment dial counter-clockwise. To move the POI down you will need to turn the elevation adjustment dial clockwise.

Once your POI is located where you want it in relation to your POA you can remove your adjustment dials and reset them to zero. Once you have reset your zero you can put the caps back on your adjustments.

Resetting the Zero of your adjustment dials

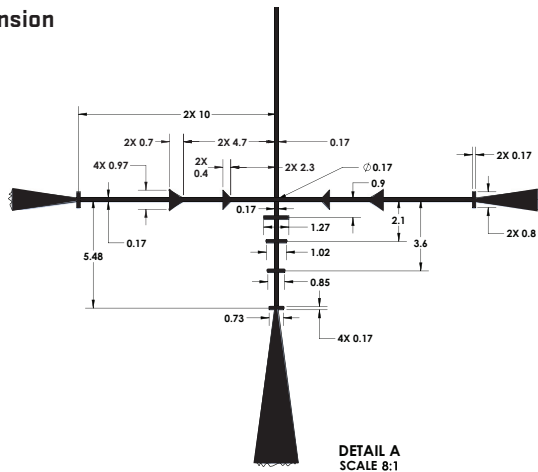
Both the elevation and windage adjustment dials of TANGO6T riflescopes are able to be zeroed. This is done by loosening the 2MM set screw on the top of each dial. Remove the dial from the scope and rotate it until the 0 marker lines up with the adjustment indicator line. Tighten the 2MM set screw on the top of the dial to 6 in-lbs. Take caution during this zero reset procedure not to rotate the actual adjustment settings as this will shift your desired POI.



**FL-6 Reticle subtension
dimensions**

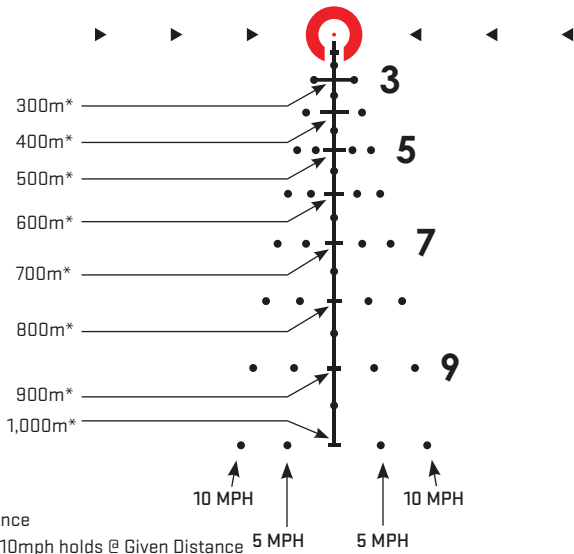
Dimensions are shown in mRAD
at maximum magnification.

FL-6 Reticle subtension dimensions



Dimensions are shown in mRAD
at maximum magnification.

DWLR-6 RETICLE FEATURES

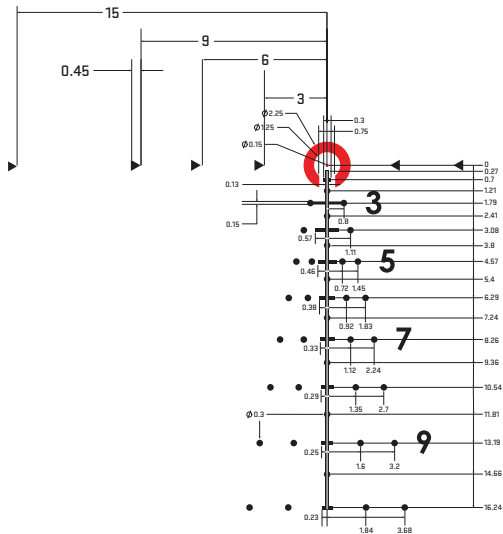


100 Meter Zero

*18" @ Given Distance

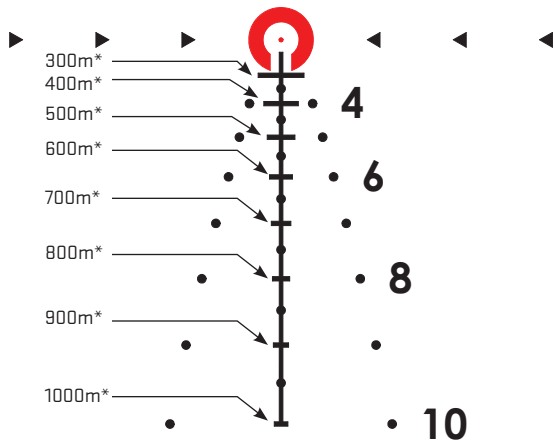
• Wind dots = 5 & 10mph holds @ Given Distance

DWLR-6 RETICLE SUBTENSIONS



Subtensions in MRAD

762 EXTENDED RANGE RETICLE FEATURES

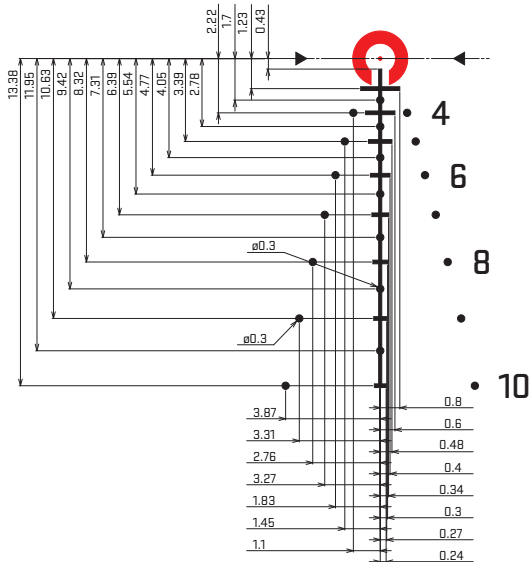


100 Meter Zero

*18" @ Given Distance

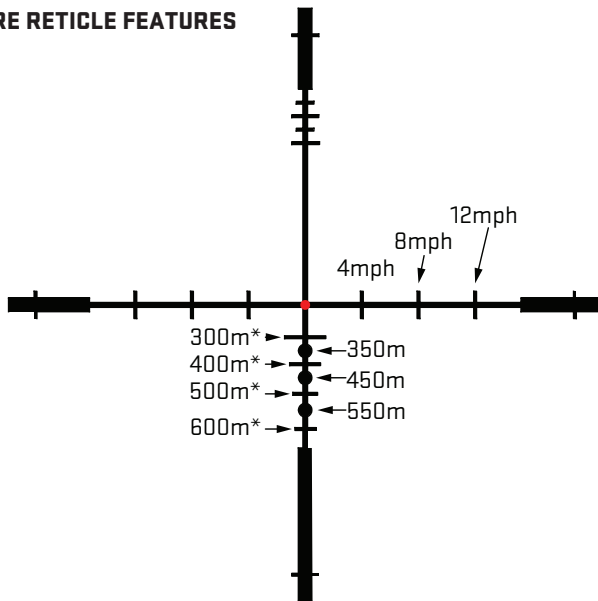
• Wind dots = 10mph hold @ given distance

762 EXTENDED RANGE RETICLE SUBTENSIONS



Subtenions in MRAD

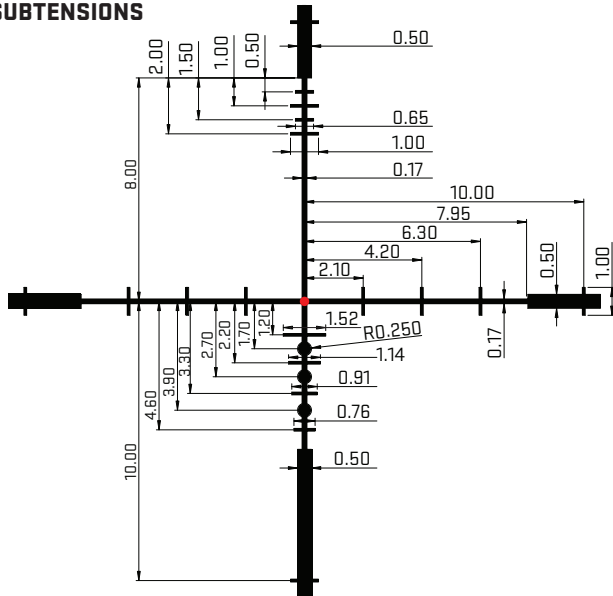
M855A1 HELLFIRE RETICLE FEATURES



100 Meter Zero

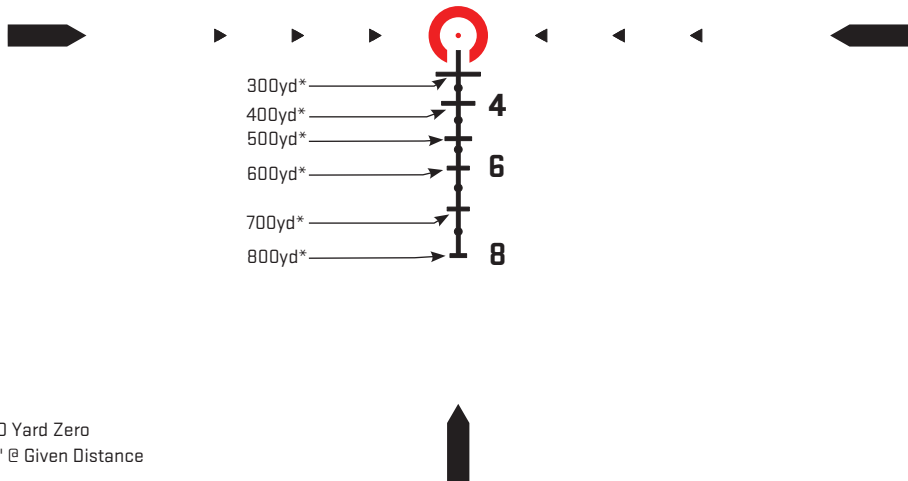
*18" @ Given Distance

M855A1 HELLFIRE RETICLE SUBTENSIONS



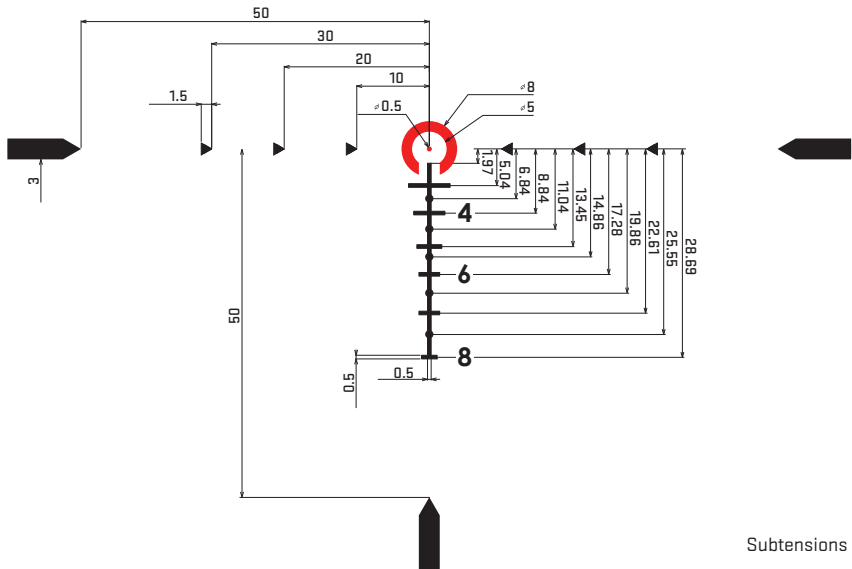
Subtensions in MRAD
on max magnification

556/762 HORSESHOE DOT FEATURES



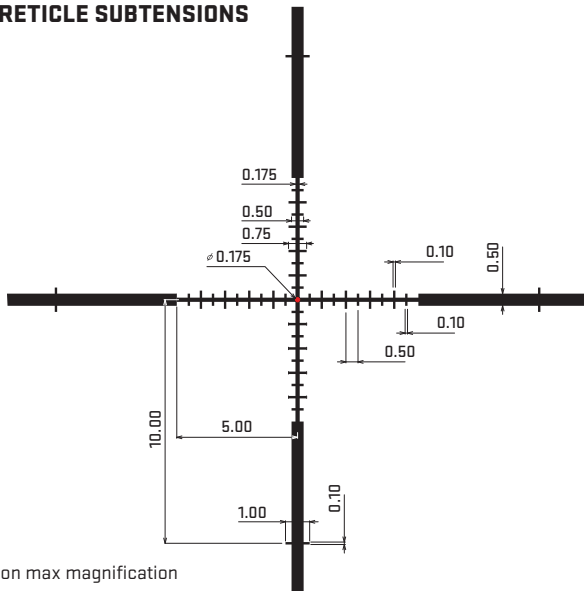
100 Yard Zero
18" @ Given Distance

556/762 HORSESHOE DOT SUBTENSIONS



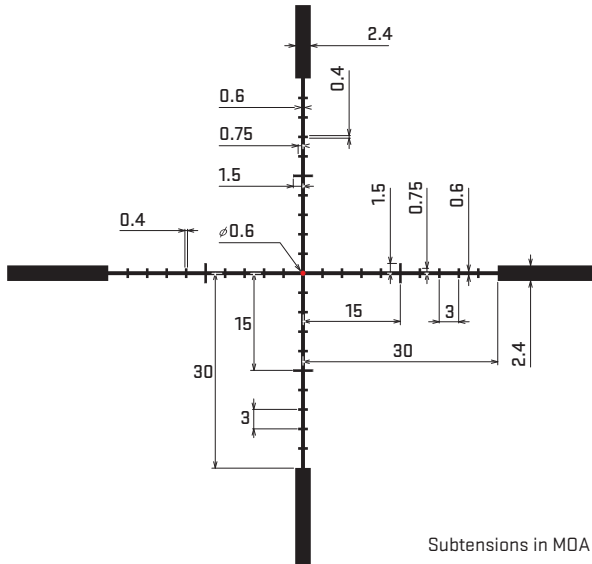
Subtensions in MOA

3 GUN HELLFIRE RETICLE SUBTENSIONS

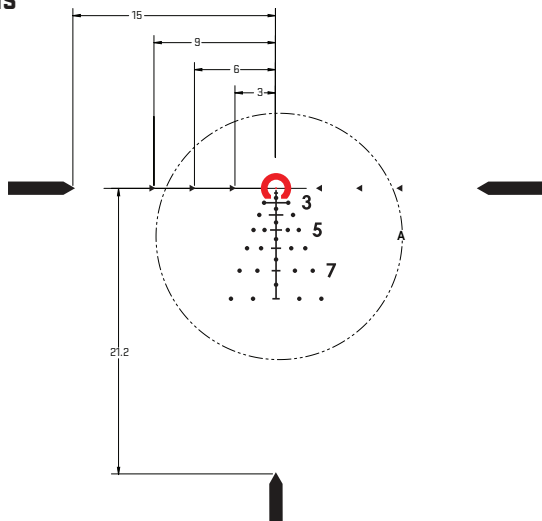


Subtensions in MRAD on max magnification

MOA MILLING HELLFIRE RETICLE SUBTENSIONS

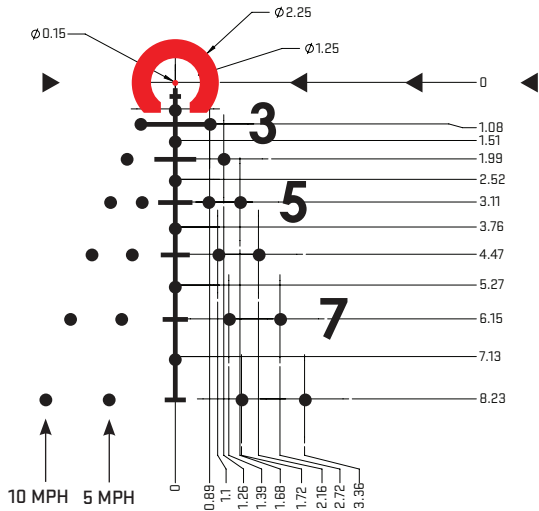


Subtensions in MOA on max magnification

DWLR-556 RETICLE SUBTENSIONS

Subtensions in MRAD on max magnification

DWLR-556 RETICLE SUBTENSIONS



Subtensions in MRAD on max magnification

TROUBLESHOOTING

POI changes between groups

- Check that all of your mounts are tightened to the correct torque specification
- Check/Clean your rifle
- Check for variations in ammunition

Illuminated reticle does not work

- Check that the battery is installed correctly
- Replace battery
- Ensure that the illumination power selector ring is in an on position



WARNING: CANCER AND REPRODUCTIVE HARM

www.P65Warnings.ca.gov

MAINTENANCE

Your SIG SAUER riflescope requires very low maintenance.

- If your riflescope came with an illuminated reticle make sure that you turn the illumination control to one of the off positions when it is not in use.
- If the battery for your illuminated reticle is dead, replace it by rotating the illumination battery cap counter-clockwise. Replace the battery with a new CR2032 battery positive side facing out.
- Keep your lenses clear by using a soft cloth or lens pen. The best way to maintain image quality is by keeping your lenses clear of dirt and dust that cause scratches.



SIG SAUER Electro-Optics Infinite Guarantee™

SIG SAUER has manufactured the most rugged, dependable high-performance firearms for over two centuries. Our heritage of design, engineering and precision-manufactured quality predates the existence of any other optics company worldwide. We understand the importance of quality in the line of fire, at the shooting range or on your next hunt. SIG SAUER Electro-Optics had to earn the right to wear that badge and the Infinite Guarantee has your back, forever. Period.

We will repair or replace your SIG SAUER product in the event it becomes damaged or defective, at no charge to you. If we cannot repair your product, we will replace it with a product in perfect working order of equal or better physical condition. It doesn't matter how it happened, whose fault it was, or where you purchased it

SIG SAUER Infinite Guarantee™

- Unlimited Lifetime Guarantee
- Fully Transferable
- No Warranty Card Required
- No Receipt Required
- No Time Limit Applies
- No Charge

If you ever have a problem, no matter the cause, we promise to take care of you when it counts. Please note that our Infinite Guarantee does not provide coverage for intentional damage, misuse, cosmetic damage that does not affect the performance of the optic, loss, theft or unauthorized repair or modification. Excludes electronic components.



SIG SAUER Electronic & Tritium Component Limited 5-Year Warranty

For components not included under the SIG SAUER® Infinite Guarantee™, this warranty covers any defects in materials and workmanship in the electronic and Tritium components of illuminated riflescopes/sights, pistol sights, electronic sights, flashlights, lasers, binoculars, spotting scopes, and rangefinders. This warranty lasts for five years from the date of manufacture. If, during that five-year period, these products are found

to have electronic or Tritium component defects in materials or workmanship, SIG SAUER will repair your product, at no charge to you. If we cannot repair your product, we will replace it with a product in perfect working order of equal or better physical condition.

SIG SAUER ELECTRO-OPTICS - MILITARY LIFETIME WARRANTY™

For Military use, SIG SAUER guarantees its Electro-Optics products to be free from manufacturer defects in material and workmanship under normal use for the lifetime of the product. SIG SAUER, at its sole discretion, will promptly repair or replace the product without charge to the customer, if the product is covered under warranty. This Military Warranty is valid provided that the product has not been damaged in the field by rough handling, misused, disassembled or tampered with in any way.

Any attempt to disassemble, alter or repair the product will void the warranty. SIG SAUER shall not, in any event, be liable for any damages or other incidental or consequential damages arising out of the use or inability to use such products. This warranty is limited to the original owner and is not transferable.

NOTES:

NOTES:

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FOR PRODUCT SERVICE ON THIS MODEL, PLEASE CALL 603-610-3000

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