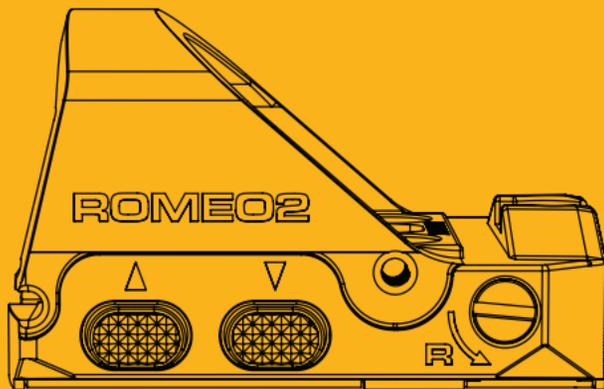


SIGSAUER®



ROMEO02™

MIL-SPEC Reflex Sight
OPERATOR'S MANUAL



READ THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL CAREFULLY BEFORE USING THIS OPTIC; DO NOT DISCARD THIS MANUAL.

This instruction manual should always accompany this optic and be transferred with it upon ownership, or when the optic is loaned or presented to another person.

CONTENTS

Introduction	3
Contents	4
Key Features	5
Product Identification	6
General Safety Information	10
Operation	12
Sight Adjustments and Zeroing	20
Maintenance	22
Troubleshooting	23
Specifications	24
SIG SAUER Electro-Optics Infinite Guarantee [®] /Limited Lifetime Warranty	26

INTRODUCTION

Designed, developed, tested and assembled in the USA, the ROMEO2™ MIL-SPEC Reflex Sight has been built for use in adverse conditions. The ROMEO2 can be directly mounted to any SIG SAUER optics-ready pistol with the PRO or R2 slide cut, as well as to many other pistols on the market using adapter plates, or to any MIL-STD 1913 rail, using available accessory mounts.

The ROMEO2 features a high-efficiency point source LED emitter and molded aspheric glass lens utilizing a high-performance red notch reflector coating for excellent brightness and light transmittance with zero distortion. A 3 or 6 MOA Red Dot reticle with 15 brightness settings ensures rapid target engagement with both eyes open, for maximum situational awareness. D.A.R.C. (Dark Adaptive Reticles & Coatings) technology provides the ideal reticle brightness and target clarity under a full range of lighting conditions, even while using GEN3+ night vision devices. Recessed illumination buttons ensure there is no chance of accidental brightness adjustment while in a holster or when doing weapon manipulations. The common CR2032 battery is accessed from the side of the optic, so there is no need to remove the sight from the firearm. MOTAC™ (Motion Activated Illumination System) and MAGNETAC™ (Magnetic Activation) technology provide instant-on capability while maximizing battery life. The ruggedized 7075 Aluminum housing ensures a lifetime of service and the included steel protective shroud with tough Melonite™ treatment gives the ROMEO2 protection from the most severe shocks and drops. When used with the full shroud and water-resistant rear window assembly, the ROMEO2 becomes an enclosed reflex sight, ensuring your illuminated reticle is never interrupted by moisture or debris.

The ROMEO2 is covered by the SIG SAUER Electro-Optics Infinite Guarantee®/Limited Lifetime Warranty.



WARNING: CANCER AND REPRODUCTIVE HARM—www.P65warnings.ca.gov

CONTENTS

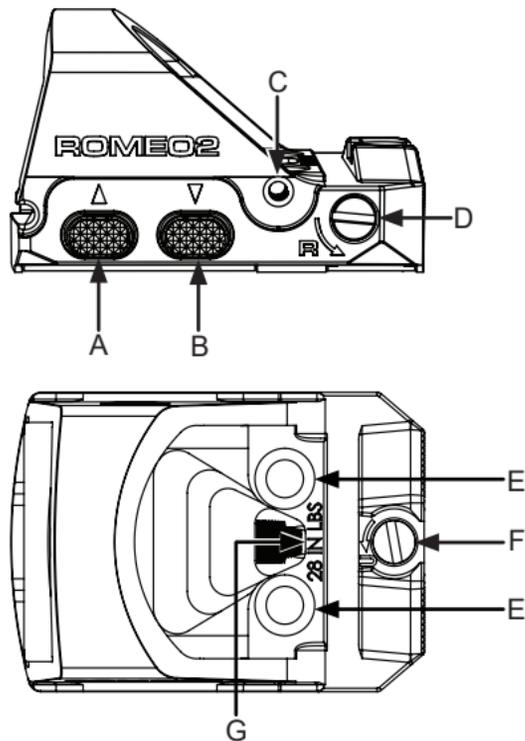
- ROMEO2™ 1x30mm MIL-SPEC Reflex Sight
- CR2032 Battery (1)
- M4x0.7 TORX™ Head Screws (2)
- Steel Full-Length Shroud with Sealed Polycarbonate Rear Lens
- T6 TORX™ Shroud Screws (4)
- Loaded Chamber Indicator (LCI) Deflector (2)
- T6 Wrench (Shroud Screws)
- T10 Wrench (Mounting Screws)
- Shroud Washers (2)
- Liquid Threadlocker
- Operator's Manual

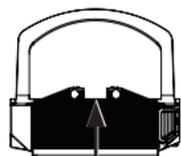
KEY FEATURES

- Molded glass aspheric lens with high performance coatings for superior light transmittance and zero distortion.
- 3 or 6 MOA Red Dot with 15 brightness settings (12 Daylight/3 NV) for rapid target engagement under a full range of lighting conditions.
- TruHold™ Lockless Zeroing System that utilizes twin adjustment springs designed to endure handgun recoil and return to zero shot after shot.
- 25,000+ hour battery life at medium brightness settings with extreme brightness for outdoor use, plus multiple night vision levels.
- Integrated anti-reflective rear sight notch for full sight picture and co-witness with front suppressor-height sight.
- Spring-loaded side battery tray, released by a push button that can be activated without tools.
- Full length steel shroud and rear polycarbonate window assembly to make the optic system fully enclosed and sealed.
- MOTAC™ (Motion Activated Illumination System) that powers up when it senses motion and powers down when it does not.
- MAGNETAC™ (Magnetic Activation) that automatically turns the optic off when holstered in a compatible holster, and instantly turns the optic on when drawn from the holster.
- D.A.R.C. (Dark Adaptive Reticles & Coatings) technology provides ideal reticle brightness and target clarity while using GEN3+ night vision devices.
- High-strength 7075 CNC Aluminum housing ensures a lifetime of service.
- Dependable waterproof (IPX-7 rated for complete water submersion up to 1 meter) performance.
- SIG SAUER® Electro-Optics Infinite Guarantee™/ Limited Lifetime Warranty.

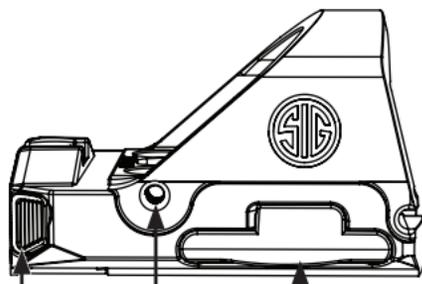
PRODUCT IDENTIFICATION

- A – ▲ (Up) Brightness Adjustment Button
- B – ▼ (Down) Brightness Adjustment Button
- C – Shroud Attachment Location
- D – Windage Adjustment Screw
- E – Mount Screw Location
- F – Elevation Adjustment Screw
- G – Emitter Window
- H – Rear Backup Sight
- I – Battery Tray Release Button
- J – Shroud Attachment Location
- K – Battery Tray
- L – Lens
- M – Loaded Chamber Indicator (LCI) Deflector Slot
- N – Shroud Axle Channel
- O – M4 x 0.7 Mounting Screws with T10 TORX Head
- P – Shroud Mounting Screws with T6 TORX Head
- Q – Loaded Chamber Indicator (LCI) Deflector





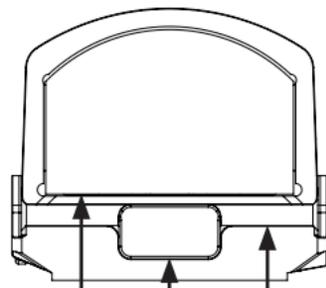
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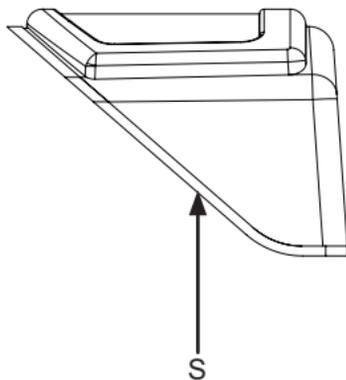
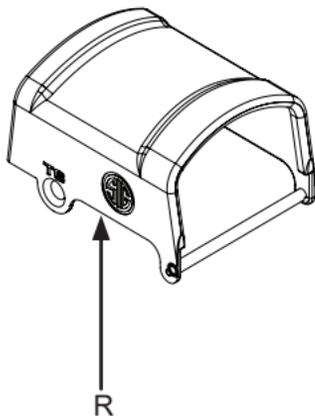


Q

PRODUCT IDENTIFICATION (continued)

R – Full Shroud

S – Rear Polycarbonate Lens with Water-Resistant Seal



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GENERAL SAFETY INFORMATION



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.



- Keep in original package until ready to use.
- Immediately dispose of used batteries and keep away from children. Do NOT dispose of batteries in household trash.
- For treatment information call: The National Battery Ingestion Hotline (NBIH) 1-(800) 498-8666



WARNING

- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Compatible battery: CR2032
- Nominal voltage: 3V
- Do not mix old and new batteries, different brands, or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Remove and immediately discard batteries from equipment not used for an extended period of time.
- 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.



WARNING

UNLOAD/CLEAR



BEFORE WORKING ON YOUR ROMEO2™ SIGHT, ALWAYS ENSURE THAT THE FIREARM IS UNLOADED WITH THE SAFETY ON AND POINTED IN A SAFE DIRECTION.

OPERATION

Installing the Battery

The battery tray is located on the right side of the optic. To open the tray, use a small pointed object (such as a key, pen, etc.) to press in on the battery tray release button, located at the right rear corner of the housing (Fig 1). Once the tray is unlatched, use the slot underneath the edge of the tray to pull it completely out of the housing and install a new CR2032 battery in the tray with the negative (-) side facing up (Fig 2). Reinstall the battery tray and push it in completely until it clicks and sits flush with the housing. Confirm that the battery tray is securely latched and cannot be pulled out.

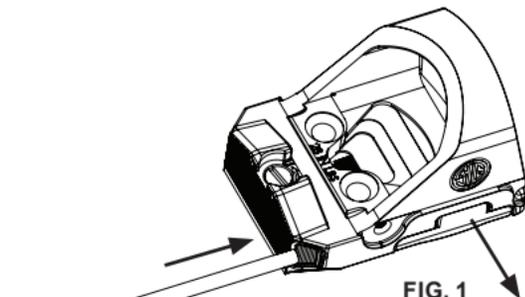


FIG. 1



FIG. 2

Turning Sight On and Off

- Turn the sight ON by pressing and holding either the ▲ (UP) or ▼ (DOWN) brightness adjustment buttons located on the left side of the optic for over 1 second. Turn the sight OFF by repeating the same procedure.
- The ROMEO2™ ships with MOTAC™ (Motion Activated Illumination System) active. When the reticle is ON, if the optic detects no motion for 2 minutes, the reticle automatically shuts off to conserve battery life. At the instant that the optic detects motion, the reticle automatically turns back on at the last brightness setting used. To deactivate MOTAC, press and hold both ▲ (UP) and ▼ (DOWN) brightness adjustment buttons simultaneously for over 4 seconds. The reticle will blink 1 time to indicate MOTAC has been deactivated. To reactivate MOTAC, repeat the same procedure. The reticle will blink 2 times to indicate that MOTAC is active. NOTE – Deactivating MOTAC will severely decrease battery life if the optic is left on constantly.
- The ROMEO2 has 15 brightness settings, 12 daylight and 3 night vision. While the sight is ON, adjust the brightness of the reticle 1 level brighter by pressing and releasing the ▲ (UP) brightness adjustment button. To decrease the brightness by 1 level, press and release the ▼ (DOWN) brightness adjustment button. When either the highest or lowest brightness level is reached, the reticle will blink 5 times. At the lowest level, the indication blinks can only be seen while using night vision devices.

MAGNETAC™ Technology

The ROMEO2™ is equipped with a sensor located inside the aluminum housing, near the front left edge. When using a compatible MAGNETAC™ holster with a Neodymium magnet, the optic will automatically turn off when the firearm is fully inserted into the holster, to conserve battery life. When the firearm is drawn from the holster, the ROMEO2 will immediately turn on to the last brightness setting used. For a list of MAGNETAC compatible holsters for your firearm and ROMEO2 combination, call SIG SAUER Customer Service.

Disabling MAGNETAC

To disable MAGNETAC, press and release the ▲ (UP) brightness adjustment button repeatedly until you reach the highest level, indicated by 5 blinks of the reticle. Then press and hold the ▲ (UP) brightness adjustment button for over 5 seconds. The reticle will turn off briefly, then flash 10 times very quickly. This indicates that MAGNETAC has been disabled. Turn the reticle back ON by pressing and holding either the UP or DOWN brightness adjustment buttons for over 1 second.

To re-enable MAGNETAC, repeat the same process as above. 3 slow blinks of the reticle will indicate that MAGNETAC is active.

MOUNTING THE SIGHT

CONFIGURATIONS

The ROMEO2™ is capable of being configured 2 ways:

A. **NO SHROUD.** This configuration saves weight and is suitable for general range, carry and competition use. (Fig. 3)

B. **FULL SHROUD** with sealed rear polycarbonate window. This configuration adds drop and impact protection as well as a water-resistant seal, to prevent foreign materials and moisture from entering the LED emitter area, and is ideal for use in wet environments. (Fig. 4)

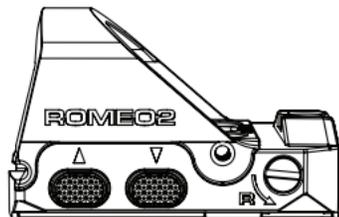


FIG. 3

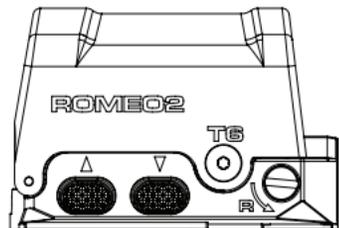


FIG. 4

NOTE

If mounting the ROMEO2™ onto a pistol with a Loaded Chamber Indicator (LCI) such as the SIG SAUER M17/M18, first locate the small black LCI Deflector that came with your ROMEO2, prior to mounting the ROMEO2 to your pistol slide. The LCI deflector will help deflect the hot gasses coming from the LCI area of the ejection port, which will help to keep the optic lens clean.

The LCI Deflector must be used in conjunction with the Full Shroud and will not stay in place properly if used without a shroud. The LCI Deflector is meant only for use with optics-ready SIG SAUER pistols that have a Loaded Chamber Indicator, and is not compatible with other manufacturer's pistols.



WARNING

USE OF THE ROMEO2 LCI DEFLECTOR MAY LIMIT THE SHOOTER'S ABILITY TO USE THE FIREARM'S LCI AS A VISUAL AND TACTILE INDICATOR OF A LOADED CHAMBER. USE CAUTION AND FOLLOW ALL FIREARM HANDLING SAFETY RULES.

Mounting Directly to a SIG SAUER® R2/PRO Pistol Slide

The optics/rear sight plate should be removed from the pistol slide (refer to the firearm owner's manual). Use a clean cloth to wipe any excess oil or solvent from the optic cut area of the pistol slide, and use a cotton swab lightly soaked in Isopropyl alcohol to wipe any excess oil or solvent out of the threaded screw holes in the optic cut area.

Mounting the ROMEO2™ without a Shroud:

Lower the ROMEO2 into the optic cut on the pistol slide, making sure the 2 mount screw holes of the ROMEO2 line up with the proper threaded holes in the pistol optics cut. Using an inch-pound torque wrench and T10 TORX bit, place the M4 x 0.7 mounting screws into the mount screw holes of the ROMEO2 and begin threading them clockwise into the pistol slide mount holes. Keep firm forward pressure on the optic (toward the muzzle) while tightening the mount screws. Once the screw heads make contact with the ROMEO2 housing, torque the screws to the proper 28-in-lbs. mounting torque.

Mounting the ROMEO2™ with the Full Shroud with Rear Polycarbonate Lens:

NOTE

Follow the below installation instructions closely, as the ROMEO2 cannot be mounted once the full shroud is installed and secured with screws. First, locate the 2 small shroud washers, and use a very small amount of the included liquid threadlocker on the threads of the small T6 shroud screws prior to installing the shroud. Max torque spec for the T6 shroud screws is 6 in-lbs. Once these screws are threaded into the housing and the shroud is secured in place, allow 24 hours for the threadlocker to cure before shooting. Perform a periodic visual check to ensure these screws have not loosened.

CAUTION

FOG/MOISTURE: AS WITH ANY PRODUCT THAT CAN BE SEALED BY THE USER, THE ROMEO2 CAN EXHIBIT FOGGING INSIDE OF THE OPTIC IF THE REAR WINDOW ASSEMBLY IS INSTALLED IN A HUMID ENVIRONMENT. BEFORE INSTALLING THE REAR WINDOW ASSEMBLY, BE SURE THAT ALL COMPONENTS ARE COMPLETELY FREE OF ANY MOISTURE, OIL, OR SOLVENTS AND THAT YOU ARE IN A WARM, DRY ENVIRONMENT. IF FOGGING DOES OCCUR INSIDE OF THE OPTIC, REMOVE THE SHROUD AND REAR WINDOW ASSEMBLY TO RELEASE THE MOISTURE, DRY ALL COMPONENTS, THEN REASSEMBLE IN A DRY ENVIRONMENT.

Place the long axle of the shroud into the shroud axle channel on the front of the ROMEO2 housing, and rotate the shroud down until the shroud mounting holes line up with the shroud attachment location holes on the ROMEO2 housing (Fig 5). Do not thread the T6 Shroud Mounting Screws into the shroud and housing at this stage. If using the LCI Deflector, place it in the LCI Deflector slot on the front of the ROMEO2 (Fig 5). Lower the ROMEO2 into the optic cut on the pistol slide, making sure the 2 mount screw holes of the ROMEO2 line up with the proper threaded holes in the pistol optics cut. Rotate the shroud up and let it rest on the pistol slide (Fig 6). Using an inch-pound torque wrench and T10 TORX bit, place the M4 x 0.7 mounting screws into the mount screw holes of the

ROMEO2 and begin threading them clockwise into the pistol slide mount holes. Keep firm forward pressure on the optic (toward the muzzle) while tightening the mount screws. Torque the screws to the proper 28-in-lbs. mounting torque. Place the rear polycarbonate lens onto the rear section of the ROMEO2 housing, making sure the bottom rear edge of the window sits in the channel between the elevation screw and the optic mounting screws (Fig 7). Rotate the shroud back down against the top of the ROMEO2 housing and rear window. Locate the 2 small shroud washers and slip them over the small T6 shroud mounting screws. Apply a very small amount of the included liquid threadlocker to the T6 shroud screw threads. While pressing down on the shroud to compress the seal on top of the rear window, line up the shroud screw holes on the shroud and the housing and thread the included T6 Shroud Mounting Screws through the holes in the shroud and into the Shroud Mounting Location Holes in the housing. Be sure the shroud washers are installed between the shroud screws and the shroud surface. Turn the T6 screws carefully until they are just snug against the shroud, then tighten an additional 1/8 turn. Maximum torque spec for the T6 Shroud Screws is 6 in-lbs. Visually check these screws occasionally to ensure they are not loose. After installation, allow the liquid threadlocker on the T6 shroud screws to cure for 24 hours before shooting.

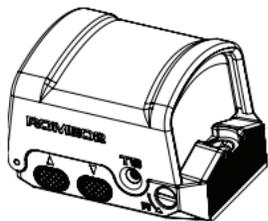


FIG. 5

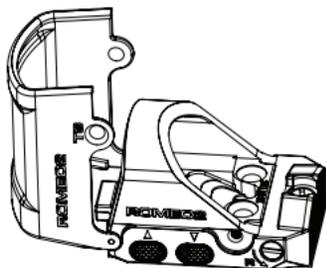


FIG. 6

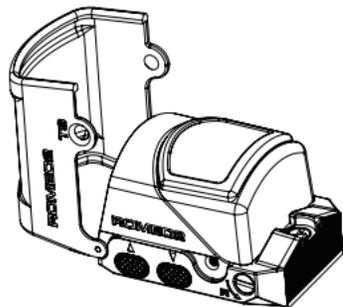


FIG. 7

SIGHT ADJUSTMENTS AND ZEROING

Adjusting

Elevation Adjustments – The elevation adjustment screw is located on top of the sight, behind the mounting screw holes. To raise your point of impact, use a small flathead screwdriver to turn the adjustment screw counterclockwise. To lower your point of impact, turn the adjustment screw clockwise. Each click of the screw is equal to approximately 1 MOA.

Windage Adjustments – The windage adjustment screw is located on the left side of the sight. To move your point of impact right, use a small flathead screwdriver to turn the adjustment screw counter-clockwise. To move your point of impact left, turn the adjustment screw clockwise. Each click of the screw is equal to approximately 1 MOA.

NOTE

The directional arrow markings near the adjustment screws indicate the direction your bullet impacts will move on the target. They do not indicate the direction the reticle will move.

Zeroing

When mounted to a handgun or to an accessory mount on a rifle or carbine, the ROME02™ should be sighted in just like a rifle optic. A precise group (minimum 5 rounds) should be shot at a cardboard or paper target. Compare the Point of Aim (POA) you held on the target with the Point of Impact (POI) of the rounds on the target. Use the windage and elevation adjustments to bring the point of aim together with the point of impact. It is recommended that initial sight-in procedure be done with a paper target at 5-7 yards, before moving the target to greater distances for final zeroing. Co-witnessing the ROME02 to the suppressor-height iron sights may be possible on some pistols but will not result in optimal accuracy.



WARNING

UNLOAD/CLEAR



BEFORE WORKING ON YOUR ROMEO2™ SIGHT, ALWAYS ENSURE THAT THE FIREARM IS UNLOADED WITH THE SAFETY ON AND POINTED IN A SAFE DIRECTION.

MAINTENANCE

- **Cleaning** – Keep your main glass lens clear by using a soft cloth. The best way to maintain image quality is by keeping your lens clear of dirt and dust that cause scratches. Always remove brass particles or debris first by using compressed air before wiping the lens, to avoid dragging these particles across the lens and scratching the optical coatings. For carbon fouling or dried rain spots on the lens, use a cotton swab and a small amount of Isopropyl alcohol. Swirl the swab in a circular motion on the lens, starting at the center and moving out to the edges.
- To clean the rear polycarbonate window, use a clean, dry lens cloth to gently wipe off the surface. Do not use chemicals, solvents, or paper-based products. Frequent wiping or incorrect cleaning of the polycarbonate lens may cause micro scratches or cloudiness over time.
- Replacing the battery – See page 12 of this manual.

TROUBLESHOOTING

POI Changes between groups when shooting from a single set distance

- Check that your mount screws are tightened to 28 in-lbs.
- Check for variations in ammunition brand, bullet weight, and velocity specs.
- Check/clean your firearm.

Reticle not illuminated

- Press and hold either the ▲ (UP) or ▼ (DOWN) brightness adjustment button for over 1 second. Move to a dark room and continue to press and release the UP brightness adjustment button to make sure the illuminated reticle isn't in one of the lowest illumination levels, which can be difficult to see in bright environments.
- Make sure the battery tray is fully inserted into housing. Use a fingernail in the slot under edge of the battery tray to try pulling it out from housing. The battery tray should not move.
- Replace the CR2032 battery.

T6 shroud screws loosen or back out under recoil

- Apply a small amount of removable thread locker to threads of the T6 shroud screws. Install the shroud and screws (see pages 14-17 of this manual), and allow to cure for 24 hours before shooting. Maximum torque spec for the T6 shroud screw is 6 in-lbs.

Fog Occurs inside of optic when rear window assembly is installed

- Remove shroud and rear window assembly, dry all components and reassemble in a warm dry environment. See page 18 of this manual.

SPECIFICATIONS

DIMENSIONS

OVERALL LENGTH	1.84 in
OVERALL HEIGHT without Shroud	1.12 in
OVERALL HEIGHT with Shroud	1.25 in
OVERALL WIDTH	1.32 in
WEIGHT WITH BATTERY without Shroud	1.58 oz
WEIGHT WITH BATTERY with Full Shroud and Rear Window Assembly	2.50 oz

SPECIFICATIONS

TECHNICAL	
MAGNIFICATION	1x
CLEAR APERTURE DIAMETER	30mm
RETICLE	3 MOA or 6 MOA red dot
BATTERY TYPE	CR2032
BATTERY RUNTIME	Up to 25,000 hours (at medium brightness setting)
OVERALL ELEVATION TRAVEL	120 MOA
OVERALL WINDAGE TRAVEL	120 MOA
BRIGHTNESS SETTINGS	15 (12 daylight, 3 NV) – GEN3+ Night Vision compatible
WATER RESISTANCE	IPX7
WINDAGE/ELEVATION ADJUSTMENT (Per click)	1 MOA



SIG SAUER ELECTRO-OPTICS INFINITE GUARANTEE[®]/ LIMITED LIFETIME WARRANTY

SIG SAUER[®] has manufactured the most rugged, dependable, high-performance firearms for more than 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.

SIG SAUER[®] Infinite Guarantee[®]

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

Please note that our Infinite Guarantee excludes coverage for intentional damage, misuse, cosmetic damage that does not affect the performance of the optic, loss, theft, or unauthorized repair or modification. Excludes Tritium components.

Customers seeking warranty coverage must first obtain a Return Merchandise Authorization (RMA) by contacting SIG SAUER Customer Service, and return the product unloaded and freight prepaid.

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

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