



General FAQ's

[How do you pronounce "Trijicon"?](#)

Trijicon is pronounced: Trîj-î-(kòn)

[Does Trijicon inscribe biblical references on its consumer products?](#)

Yes, Trijicon places a small biblical reference on the products we sell. It is a tradition started by our founder and we continue it as a reflection of our company values. Although Trijicon has now offered to remove these references for military issued products, we will continue to inscribe our consumer products with biblical references.

[What is Tritium?](#)

Tritium is a radioactive isotope of hydrogen. It is an odorless, tasteless, colorless gas that reacts with the human body in the same manner as natural hydrogen. Beta rays from the tritium hit phosphors to create the glow you see. Tritium has a half-life of 12.5 years, which means that in that time the lamp will be half as bright as it originally was.<

[Is Tritium harmful?](#)

According to documentation by health physicists in statements on file at the U.S. Nuclear Regulatory Commission (NRC), it would take the simultaneous rupture of 10,000 of these small glass capsules in a small room 10 foot by 10 foot to potentially constitute a radiation health hazard. For this reason, customers need not be concerned about the potential risk of the night sight system. Furthermore, our front sight is 0.018 curies and the two rear sight dots are 0.018 curies each. A complete sighting system is 0.054 curies. This is less than many tritium watches, which have up to 0.200 curies or roughly four times as much radioactivity. In addition, the weapon is not as close to the body, and in less constant use than a watch.

[Does Trijicon have a GSA Contract?](#)

Yes, Tactical and Survival Specialties (TSSI) and ADS are our full-line GSA distributors. They provide the Federal Government and U.S. Military access to Trijicon products through GSA orders.

[Are all Trijicon products "Made in USA"?](#)

The vast majority of Trijicon products, including all ACOG®, RMR®, Reflex, MRO®, Night Sights, SRS®, VCOG®, TARS®, CCAS® and Archery Sights are designed, engineered, machined and assembled at our facility in Wixom, Michigan and are therefore 100% Made in the USA. A few of our products, including AccuPoint®, AccuPower®, and our observation products are assembled here in the USA, but have significant components which are purchased in either Japan or the Czech Republic. All Trijicon products are designed here in Michigan and have the same stringent quality processes applied to them. All of our products are backed by our limited lifetime warranty. Each product is marked according to its origin.

[What is Cerakote™?](#)

Cerakote is a ceramic based finish that can be applied to metals, plastics, polymers and wood. The unique formulation used for Cerakote ceramic coating enhances a number of physical performance

properties including abrasion/wear resistance, corrosion resistance, chemical resistance, impact strength and hardness. Trijicon offers select products in the following Cerakote colors; Flat Dark Earth (FDE), Sniper Gray and Olive Drab Green (OD Green).

Does the Cerakote™ paint used on Trijicon products have slight variations in color from one optic to another?

Yes, as with all paint processes, Cerakote is created in batches. One batch can be slightly darker or lighter than another. One batch may have a bit more gloss than the other. This is due to the way the paint is processed and a very slight variation in the mix can cause slight variations in color or gloss.

Trijicon ACOG® FAQ's

Do you sell a cover for the scope?

Scopecoat covers come with our Standard and Compact ACOG scopes (since January 2003). See ACOG Accessories model numbers [TA62-TA65](#). We also carry a bikini rubber cap for the 4x32 ACOG, which covers the eyepiece end and fits snug in the objective end. The model number for this is [TA52](#).

How can I tell if I purchased a genuine Trijicon ACOG?

Trijicon® is proud of our line of innovative, quality Advanced Combat Optical Gunsights (ACOG®) and honored that the military, law enforcement organizations as well as recreational shooters around the world depend on our products. We want to make you aware that inferior products (knock-offs) are occasionally advertised for sale to our customers as Trijicon® products.

Genuine Trijicon® ACOG® scopes can be identified by three distinguishing characteristics:

1. Every ACOG® will be marked with the serial number on the top of the scope, both on the eyepiece and the main housing
2. All Trijicon® ACOG® scopes have a statement on the left side of the unit indicating that the sight contains tritium
3. The words "Trijicon® ACOG®" are forged into the main housing and appear as raised letters



We encourage you to buy our products from an authorized Trijicon® dealer to insure that you are getting a genuine Trijicon® product.

Because Trijicon® products contain tritium and many have military applications, exportation outside of the United States is controlled by one or more federal agencies.

[Does bullet weight and/or barrel length effect the reticle bullet drop compensator and range finding stadia lines?](#)

The real issue is not the bullet weight or barrel length, but muzzle velocity, ballistic coefficient, and the distance from height above bore. The difference in trajectory from bullet to bullet or barrel to barrel is usually less than the MOA thickness of the stadia lines.

[The right hand side of the crosshair is blurry. Is this normal?](#)

Yes. The reticle pattern in the ACOG is formed by removing highly reflective metal from a prism mirror. This mirror is at about a 45-degree angle inside the gun sight. This means that the left side of the reticle is closer to the eye than the center of the reticle and the right side of the reticle is further from the eye. The result- the right side of the reticle is focused beyond infinity which can cause distortion on the right side of the reticle. The perceived distortion will be more or less depending on an individual's eyesight. The left side of the reticle is unaffected because the human eye has no difficulty focusing on a closer object. This in no way detracts from the performance of the scope. The image of the target area is not affected. Only the right hand side horizontal reticle line is blurry. This construction is required to achieve a parallax free vertical center of the scope, which allows the built in ranging on the reticle pattern.

[I can't get my ACOG to zero on my AR15. What could be the problem?](#)

Our ACOG scopes are set at 100 meters when they leave the factory. If you cannot get the scope to zero, check to see if the scope is mounted all the way in to the handle. Sometimes a little extra pressure is needed to make sure the scope is completely touching the base of the handle.

[How far under water was the TA01NSN ACOG tested?](#)

The MILSPEC testing standard used for the SOPMOD, in which the TA01NSN, was tested is (MIL-STD-810E). For leakage testing "all optics and other electrical devices were subjected to waterproof testing to 70 feet to determine device capabilities". Seventy feet is approximately 2 atmospheres.

[How do I use an ACOG on my SOCOM II?](#)

Trijicon recommends the TA70 mount when using an ACOG with a M14/M1A type weapon. A TA70 mount can be used on the Springfield Armory SOCOM II if the "Cluster Rail" is replaced with a standard hand guard. Some Compact ACOG models can also be used with the "Cluster Rail" system if it is equipped with the extended rail section. There are several other Trijicon products that can be mounted directly to the "Cluster Rail" of the SOCOM II such as the Reflex, TriPower and AccuPoint.

[How do I remove the back up iron sights from my TA01NSN ACOG® in order to mount the Trijicon RedDot™?](#)

Remove both the front and rear sight in order to properly mount the RedDot™ and to clear the sight picture. The rear sight is factory installed on the ACOG® using two hex bolts and "Red" Loctite® adhesive. In order to remove the sight, you must apply heat to the bolt area. This will loosen the adhesive grip enough so that you can remove the bolts using a standard 7/64 inch hex wrench. Please use caution when applying heat to the rear sight screws. Extreme heat may damage the internal gaskets or lens coatings of the ACOG.

Trijicon recommends using a soldering iron and placing it in the screw socket. Leave the soldering iron on the screw long enough to thoroughly warm up the screw threads, allowing the Loctite to deactivate. Do note that the duration depends on the soldering iron and settings.

For the front sight, first remove the TA51 mount that comes equipped with your scope. Then place the scope in a vice with the windage adjuster (the adjuster on the side of the scope and not the top) facing towards you. When placing the ACOG in the vice, use padding or another soft buffer to minimize surface scratches. Because of the amount of force generated with the use of a vice, caution should be exercised when tightening. Over-tightening the vice may lead to damage to the ACOG housing, adjustment caps or lenses which may result in the loss of the ACOG's airtight seal.

Once the ACOG has been properly placed in the vice, using a 3/16 nylon punch, tap the front sight away from you and out of the dovetail. Tap at the base of the sight (near where the sight meets the top of the ACOG housing). Do not use excessive force when tapping the front sight otherwise you may damage the sight.

Both the rear and front sights can be reattached to the ACOG if properly removed. Simply screw the rear sight back into place and tap the front sight back into the dovetail groove.

[Do the Special Ring Models come with the mount?](#)

No. Because of the fiber optic design, standard one-inch rings can not be used to mount the Compact AGOG scopes. The Special Ring Models will have the top part of a ring integrated into the scope and you may choose from our selection of adapters for the bottom of the ring that will mount on your weapon.

[Does the Cerakote™ paint used on Trijicon products have slight variations in color from one optic to another?](#)

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Trijicon AccuPoint® FAQ's

[What are the different sizes of AccuPoint Riflescopes?](#)

We currently offer the following scopes with a one-inch tube:

- 3-9x40

We also offer the following scopes with a 30mm tube:

- 1-4x24
- 1-6x24
- 2.5-10x56
- 2.5-12.5x42
- 5-20x50

[My AccuPoint scope with crosshair reticle doesn't seem to be all that bright. Is this normal?](#)

The dot size in the crosshair reticle scopes were designed to give a very precise aiming dot in conjunction with a crosshair –style reticle. The dot size is engineered to meet this objective and is essentially the thickness of the crosshair wire itself. Additionally, the nature of the fiber optic used in the AccuPoint products is such that the reticle illumination is maximized when exposed to the natural light spectrum. Reticle brightness will be lessened when viewed with artificial lighting –

especially fluorescent lighting. Viewing the scope in low light levels of natural sunlight, such as outdoors during an overcast morning or evening, will show much improved reticle illumination compared to what maybe observed indoors. In total dark conditions, the tritium light source will provide energy to make the aiming dot visible to the night-adjusted eye.

[Why did you change the fiber dial on the new AccuPoints? Is it better than the old style?](#)

The new models required more lenses, so we had to accommodate for less space in the eyepiece. Therefore we didn't have room to wrap the fiber around the eyepiece like our original AccuPoint design. There is no advantage or disadvantage in comparison to the old style; they both have the same brightness.

[What is the difference between the AccuPoint and AccuPower?](#)

Both the AccuPoint and AccuPower are made of the same durable housing, the internal components are just different. The AccuPoint is a dual illuminated scope with fiber optics and tritium while the AccuPower is an LED illuminated scope powered by a CR2032 battery. The AccuPower retails for a couple hundred dollars less than the AccuPoints, but offers some new reticle designs. They are both waterproof.

[Can you put ACOG reticles in the AccuPoints?](#)

No, the technology won't allow it with the way the reticle is assembled for the AccuPoints because of the way the fiber illuminates the reticle within a riflescope. However, we are able to do this with the AccuPower because it's battery powered. We are offering a BDC reticle in the 1-4x24 model.

Trijicon AccuPower® FAQ's

[What is the battery life on the AccuPower?](#)

All models feature at least 31 hours of battery life at the highest brightness setting.

[What is the difference between the AccuPoint and AccuPower?](#)

Both the AccuPoint and AccuPower are made of the same durable housing, the internal components are just different. The AccuPoint is a dual illuminated scope with fiber optics and tritium while the AccuPower is an LED illuminated scope powered by a CR2032 battery. The AccuPower retails for a couple hundred dollars less than the AccuPoints, but offers some new reticle designs. They are both waterproof.

[How many brightness settings on the AccuPower?](#)

There are 11 brightness settings on each AccuPower model.

[What is the warranty on the AccuPower seeing as how it has a battery?](#)

The AccuPower features our same limited lifetime warranty to be free from defects in material and workmanship for the lifetime of the original owner. Electronics are warranted to be free of defects in material and workmanship during normal use for a period of five (5) years from date of original manufacture.

[Is the AccuPower daylight bright?](#)

Yes. Users may find that red or green illumination is more appropriate for their specific environment. Extremely bright conditions often require a higher illumination setting, and users may find that the perceived illumination is somewhat muted. Users will find that the AccuPoint® and ACOG®

riflescopes provide the most “daylight bright” reticles. However, regardless of illumination setting, the user always has an aiming solution with the etched AccuPower reticle.

[Some of the illumination "spills over" beyond the segmented circle. Is this normal?](#)

Yes. This effect is common to all LED-illuminated riflescopes. Users are most likely to notice this indoors on a higher illumination setting. Users are unlikely to notice the spillover when outdoors and in “real world” conditions.

Trijicon® Fiber Sights FAQ's

[Can the Trijicon Fiber Sights be ordered with the green fiber installed from the factory?](#)

No. Based on user feedback through out product development process, the Trijicon Fiber Sights will only be shipped with red fiber installed. All sight sets and front sights will come with red and green replacement fibers and instructions on how to replace the fiber can be found on the inside of the backer card.

[Can the Trijicon Fiber rear sight be used with any other Trijicon Night Sight products?](#)

Yes. The Trijicon Fiber rear sight can be used with the corresponding Trijicon HD XR night sight front.

[Can the Trijicon Fiber front and rear sights be purchased individually?](#)

Yes. The Trijicon Fiber front and rear sights can be purchased individually. Please call our customer service for availability, and pricing.

Trijicon® Night Sights FAQ's

[Can I use my Glock factory front sight set screw with my Trijicon night sights?](#)

No. All Trijicon night sights for Glock pistols come with a proprietary set screw to ensure there is no damage to the tritium lamp in the front sight during the installation process.

[Can Trijicon install night sights on my weapon? Do I send my whole gun or just the slide?](#)

Yes. Trijicon can install our replacement sights on weapons listed in our price sheet. If your handgun is a Semi-automatic you only need to send in the slide. Only the frame needs to be sent for Revolvers.

[Do you offer different colored night sights?](#)

Yes. Trijicon offers the choice of yellow or orange lamps in the rear sight only. We always keep the front sight green because it is the brightest and longest lasting of the colored tritium. It is also the color with the most contrast from muzzle flash. Green and yellow sights are warranted for 12 years. The orange lamp only carries a 5 year warranty.

[Is there an additional charge for different colors?](#)

There is no additional cost for different colored lamps.

[The warranty on my night sights has expired. Can I get them recharged?](#)

Tritium can not be 'recharged', however, we can replace the lamps for a nominal fee.

What solvents can I use to clean my sights?

Care should be taken to avoid prolonged contact of solvents on sight surfaces. Some synthetic and organic cleaning agents can affect the painted finish of Trijicon Night Sights. Immersing sights for an extended period of time in solvents may loosen some adhesive bonds. Sights can be cleaned with water by simply using a damp cloth followed by wiping with a dry cloth.

Will the standard Colt sets work on the Springfield handguns?

Springfield has been using Trijicon as their night sight supplier. We are installing our lamps into their parts. You can check with Springfield for availability at 309-944-5631. Our CA01 set can be installed if the front hole is opened to .125 wide.

I have a Para Ordnance. Do you have night sights for it?

Many of the Para Ordnance guns will take our standard Colt sets.

Para Ordnance P10 will take our CA01 set

Para Ordnance P12 will take our CA09 set

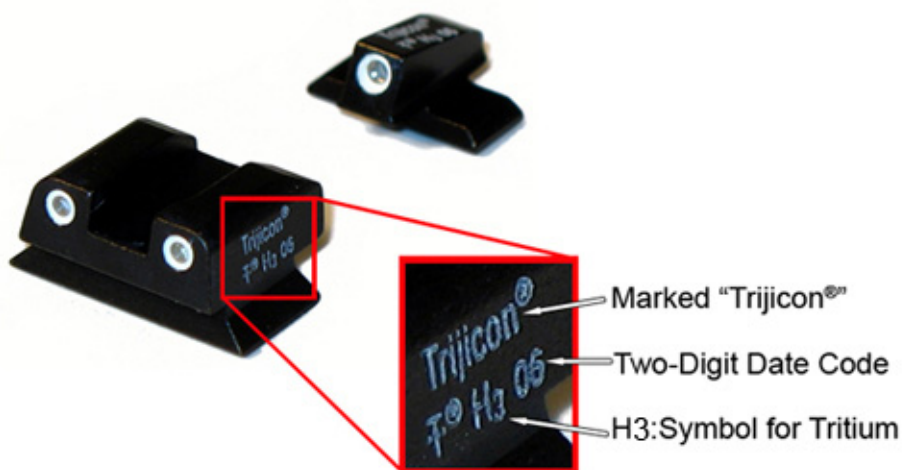
Para Ordnance P13 will take our CA10 set

Para Ordnance P14 will take our CA01 set

The limited and dovetail front versions are custom installations, which can be done at [Tooltech Gunsight](#).

How can I tell if I have genuine Trijicon® brand night sights?

Trijicon produces night sights and also acts as an original equipment manufacturer (O.E.M.) by performing tritium lamp installations for many other sight companies and firearms manufacturers. All sighting systems that contain Trijicon brand tritium lamps are clearly marked with the "Trijicon®" brand. Other markings include a two digit date code, which reflects the year of manufacture, and the periodic symbol for tritium, "H3".



[I have a pistol slide, revolver, or other firearm with fixed iron sights, can you install Trijicon tritium sources into my sight\(s\)?](#)

No.

Tritium is a radioactive isotope that is regulated by the U.S. NRC (Nuclear Regulatory Commission). In accordance with Trijicon's radiation safety program and ALARA (As Low As Reasonably Achievable) contamination / exposure principles, we will not perform tritium source installation into firearms or

pistol slides with integral fixed sights. This is intended to protect our customers from the potential situation in which a source could become broken and not be repairable / returnable. We are actively looking into alternative solutions for this need.

Trijicon HD™ Night Sights FAQ's

[Can I use my Glock factory front sight set screw with my Trijicon night sights?](#)

No. All Trijicon night sights for Glock pistols come with a proprietary set screw to ensure there is no damage to the tritium lamp in the front sight during the installation process.

[What is the benefit of the Trijicon HD™ Night Sights?](#)

Trijicon's internal testing has shown that most users are appreciably (10%-30%) faster getting center-mass hits on a target with the HD™ Night Sights than with standard pistol sights. Our data shows this regardless of the user's current proficiency level in pistol shooting, and is due to the ability to obtain a faster focus on the front sight of the HD Night Sights.

[What is photoluminescent paint?](#)

Photoluminescent paint is often referred to as "Glow Paint" or "Glow-in-the-dark" paint. The paint has a unique property which allows it to absorb light from a multitude of sources and then releases the light, causing a glow-in-the-dark effect when in a darker area. Sources that can "charge" the photoluminescent paint include the sun, fluorescent light and LED flashlight.

[How long does the photoluminescent paint glow on the front sight?](#)

This varies based on previous light exposure type and duration. The duration of visibility for various conditions are as follows:

Light Exposure Type	"Charge" Duration	Length of Time Yellow Paint Glows	Length of Time Orange Paint Glows
Full Sunlight	5 Minutes	13 Minutes	6 Minutes
Indoor Fluorescent Lighting	10 Minutes	10 Minutes	5 Minutes
LED Flashlight	15 Seconds	7 Minutes	4 Minutes

Note that the perceived "glow" time will vary amongst different users based on their own eye-adaptation to light. The glow will be most significant during the first half of the above listed durations.

The sight was designed so that the short-term glow of the photoluminescence paint would aid in transitional lighting situations (such as when immediately entering a dark room from a lighted environment). The tritium lamps provide a long-term glow.

[Why does the yellow glow longer than orange?](#)

This is due to the nature of the light absorption/reflection properties of the respective paint color pigments.

Trijicon HD XR™ Night Sights FAQ's

[Can I use my Glock factory front sight set screw with my Trijicon night sights?](#)

No. All Trijicon night sights for Glock pistols come with a proprietary set screw to ensure there is no damage to the tritium lamp in the front sight during the installation process.

Trijicon MGRS® FAQ's

[Why are there Picatinny rails on top and on the right and not on the left?](#)

The 1913 Picatinny rail section are included to allow the user to attach secondary devices such as Range Finders, IR illuminators, lights etc.

[What is the knob on the back of the MGRS?](#)

The knob is a distance adjustment knob to accurately shoot at long distances.

[Is the hole on the right side to drain water that gets into the compartment?](#)

Yes the hole on the right side on the optic about 1/3rd down is to aid in the clearing and cleaning of the optic from water and debris that may fall into the path of the LED reticle.

[What are the sizes of the 3 hex key sockets \(top / medium, side / big, battery /small\)?](#)

1/8" for upper and side Picatinny rails, 3/32 for lower housing, and 3/8" for lower sides.

[Which direction does the battery go in?](#)

The battery goes in nose end (positive end) first.

[How long does the battery last?](#)

The MGRS LED 35MOA illuminated reticle will last 4000 hours on setting 2 and 1000 hours on setting 4.

[How long is the warranty?](#)

The MGRS has a 5 year warranty from the date of manufacture.

[Does the MGRS use tritium or fiber optic?](#)

Neither. The MGRS is illuminated by a CR123A battery.

[Is the MGRS magnified?](#)

No, the MGRS is a reflex sight and is therefore not magnified.

[Are there reticle options for the MGRS?](#)

Currently the MGRS is offered with only a 35 MOA segmented circle with a 3 MOA dot.

[What is the MOA adjustment per click?](#)

The MGRS has an adjustment of 1 MOA per 1 click.

[What is the field of view for the MGRS?](#)

The MGRS offers a very ample 2" by 3" viewing area.

[What type of battery does the MGRS take?](#)

The MGRS uses a CR123A style battery.

[Does the magnifier come included with the MGRS?](#)

The magnifier comes included with the MGRS part number [MGRS-D-2300005](#).

[Is the MGRS available in Cerakote Flat Dark Earth or OD Green?](#)

At this time the MGRS is only available in black.

[Is the MGRS waterproof?](#)

Yes the MGRS is Dry Nitrogen filled and is waterproof to 6.6 ft. (2m).

[How many brightness settings does the MGRS have?](#)

The MGRS has 2 Night Vision settings, 5 Day settings including 1 super-bright setting. "Off" positions are included both below the minimum brightness setting and between Night Vision 2 and Day Setting 1.

[What type of machine gun works with the MGRS?](#)

The MGRS was made for the M2 .50 caliber, and M240 7.62 caliber machine guns. The machine gun needs to have 10" of 1913 Picatinny rail space.

[Is the MGRS made in the USA?](#)

Yes, the MGRS is made and assembled in the USA.

Trijicon MRO® FAQ's

[The front lens on my MRO® is installed at an angle. Is this correct?](#)

Yes this is correct. The front, or objective lens is installed at a precise angle in order to reflect the red dot back to the user's eye. This angled objective lens is common to all reflex-style optics. It may be more noticeable on the MRO than some other optics due to the increased size of the lens.

[Why is my MRO® dot not lighting up?](#)

Please refer to your MRO manual or [online video](#) for proper battery installation. Incorrect battery orientation or damage to the battery contacts can prevent the MRO from functioning properly.

Ensure that a battery is installed correctly and that the battery cap is tightened (to provide proper contacts) for operation. To turn on, rotate the illumination knob so that one of the numbered positions is facing toward you as you would look through the optic. Note that the night-vision settings ("n" and "N") will not be visible without night vision goggles, and the lowest day settings ("1" and "2") may be difficult to see in bright conditions.

[How should I clean the lenses of my Trijicon MRO® sight?](#)

We suggest that you use compressed air to remove any large debris to avoid scratching the lens. Once clear of debris, use an ordinary glass cleaner or fresh water. A mild plastic polish will remove minor swirl type scratching. It is important to avoid the use of any strong solvents like lacquer thinner or bore cleaner near the lens as they will damage the lens coatings. Use of a motorized polishing device on the lens will also cause damage to the unit's lenses.

[Is the Trijicon MRO® waterproof?](#)

All MRO's are rated to pressures equivalent depths of 100 feet (30 meters).

[What is the MOA of the MRO® reticle?](#)

The MRO reticle is a 2.0 MOA dot.

What is the MRO® battery life?

The battery in the MRO with red dot should last for 5 years of continual use at setting “3” (5 of 8). When left on at the brightest setting (“6”), the battery should last around 25 days. The battery in the MRO with green dot should last for 1 year of continual use at setting “3” (5 of 8). When left on at the brightest setting (“6”), the battery should last around 4 days. Note that extended use in extreme temperatures – either cold or hot – may reduce the battery life considerably.

Is the MRO® as durable as (competitor optics)?

The Trijicon MRO has the strongest housing of any optic in its class because it is forged from 7075-T6 aluminum. Furthermore, the Trijicon MRO has been tested and validated to the same MIL-STD-810G environmental and durability requirements as our ACOG®.

Why does the MRO® have a slightly bluish tint?

The Trijicon MRO may have a slight purple or blue tint due to the optical coatings which are required to provide a more clear dot and to increase the battery life. This phenomenon is present in all reflex-style optics to varying degrees, and it does not affect usability or performance of the optic.

Does the MRO® work with magnifiers?

The Trijicon MRO will work with magnifiers in the same manner as other reflex-style optics. Trijicon offers three different mounting height options, and a magnifier should be selected/configured such that the optical axis of both the MRO and the magnifier are co-aligned for best performance.

Why do I see a red or green glint when looking through the MRO®?

Like every reflex-style optic, the Trijicon MRO will exhibit some glint from the optical lens coatings when the user's eye is not directly behind the optic and the dot is not centered in the field-of-view (off-axis viewing). While the amount of glint will vary depending on the orientation of the optic relative to external light sources, the MRO exhibits less of this effect than competitive optics. This phenomenon does not affect usability or performance of the optic, even in non-standard shooting positions.

Why do I see a red or green ring around the MRO® objective lens when at the brightest setting?

When at its brightest setting (“6”), the Trijicon MRO will often exhibit a red or green ring around the outer edges of the objective lens. The MRO exhibits less of this effect than competitive optics when at their brightest settings.

Note that this effect can also be made less noticeable by placing the optic at a greater distance from the operator's eye, and by ensuring the operator's eye is directly behind the optic. Situationally, setting the MRO to “6” should rarely be required to achieve an appropriately bright reticle dot.

Why do I see a red ring around the MRO® objective lens when at the brightest setting?

When at its brightest setting (“6”), the Trijicon MRO will often exhibit a red ring around the outer edges of the objective lens. The MRO exhibits less of this effect than competitive optics when at their brightest settings.

Note that this effect can also be made less noticeable by placing the optic at a greater distance from the operator's eye, and by ensuring the operator's eye is directly behind the optic. Situationally, setting the MRO to “6” should rarely be required to achieve an appropriately bright reticle dot.

Does the MRO® have any "Fish-Eye" or distortion?

The lenses of the Trijicon MRO do not produce optical distortion commonly referred to as "fish-eye." Any perceived distortion by the end user is either more accurately described as image shift or could be due to the slight magnification of the MRO (see respective FAQ's).

Why does some of the image seem shifted when looking through the MRO®?

Like competitive optics, the image viewed through the Trijicon MRO becomes shifted somewhat at the edges of the field of view. This shift is a result of the design needing to have a tilted and curved objective lens to reflect the reticle dot back to the operator's eye. The image shift at the edges of the MRO's viewable area will be more noticeable than on optics with smaller objective lenses simply because of the larger viewable area. This was a trade-off in the design of the MRO in order to allow operators to see more area through the optic and thereby get faster hits on target from non-standard shooting positions.

This image shift does not affect the usability or performance of the optic when properly zeroed because the reticle dot and target will still be correctly aligned.

Is the MRO® magnified?

The Trijicon MRO Manufactured before Serial number 89,000 did have a very slight magnification of 1.05x which is within the range of competitive reflex-style sight. Responding to customer feedback Trijicon adjusted the magnification in MROs with a serial number of 89,000 or higher to have a magnification of 1.00x or no magnification.

Does the MRO® have any parallax?

Like all reflex-style optics, the Trijicon MRO is parallax-free when the dot and target are reasonably well centered in the optic's field-of-view, but when the reticle and target are substantially off-axis, there will be some parallax. The off-axis parallax performance of the MRO meets or exceeds that of other reflex sights of similar size.

What is the torque spec for the MRO® mount screws?

The torque spec for the (4) #4-48 screws supplied with your mount should be torqued to 12 in/lbs. Any more than 12 in/lbs and you risk stripping the threads out of the MRO housing. Please refer to your Mount Instructions for the MRO booklet for complete mounting instructions.

Will the MRO Green Dot optic work with existing mounts and accessories?

Yes existing MRO mounts and all accessories will work with the MRO Green Dot optic as both optics have identical dimensions and mount foot prints.

What is the battery life of the MRO Green Dot optic?

The MRO Green Dot battery should last for 1 year of continual use at setting "3" (5 of 8). When left on at the brightest setting ("6"), the battery should last around 4 days. Note that extended use in extreme temperatures – either cold or hot – may reduce the battery life considerably.

Trijicon MRO® Patrol FAQ's

The front lens of my Trijicon MRO® Patrol is installed at an angle, is this correct?

Yes this is correct. The front, or objective lens, is installed at a precise angle in order to reflect the red dot back to the user's eye. This angled objective lens is common to all reflex-style optics. It may

be more noticeable on the Trijicon MRO Patrol than some other optics due to the increased size of the lens.

[What is the difference between the MRO® and the MRO® Patrol?](#)

The Trijicon MRO Patrol offers the same proven features of the industry leading Trijicon MRO® (Miniature Rifle Optic) while incorporating the most requested accessories, providing a complete out of the box solution.

The Trijicon MRO Patrol features Tenebraex lens covers at both the Ocular and Objective lens, an ARD Kill Flash to protect from unwanted detection while eliminating glare, and a newly designed 7075-T6 aluminum quick release mount that is available in either full height or 1/3rd iron sight co-witness.

[Will the Trijicon MRO® Patrol replace the Trijicon MRO®?](#)

Trijicon will continue to offer both the MRO and the MRO Patrol.

[Does the Trijicon MRO® Patrol use tritium/fiber optics?](#)

The Trijicon MRO Patrol does not require the use of tritium/fiber optics, the reticle is LED illuminated with a CR2032 lithium battery.

[Which platforms is compatible with the Trijicon MRO® Patrol?](#)

The Trijicon MRO Patrol is a versatile and durable rifle optic which is optimized for rifles, carbines and shotguns for a variety of applications including hunting, military, law enforcement, competitive shooting and personal protection.

[Is the Trijicon MRO® Patrol made in the USA?](#)

The Trijicon MRO Patrol is designed, engineered, machined and assembled at Trijicon's facility in Wixom, Michigan, USA. The Tenebraex flip caps are sourced from, and manufactured in Canada.

[What is a reflex/dot sight?](#)

A reflex sight, also commonly referred to as a red dot sight, is an illuminated optical gunsight in which the aiming point becomes visible to the shooter by being projected onto a partially reflective objective lens. Reflex sights can be illuminated using LED battery power or with tritium/fiber optics and are ideal for fast target acquisition in a variety of environments.

Trijicon offers an extensive line of top of the line reflex sight options including the MRO (Miniature Rifle Optic), MRO Patrol, RMR (Ruggedized Miniature Reflex), SRS (Sealed Reflex Sight), Reflex and MGRS (Machine Gun Reflex Sight). To learn more about all Trijicon reflex sights click [here](#).

[Does the Trijicon MRO® Patrol work with magnifiers?](#)

The Trijicon MRO Patrol will work with magnifiers in the same manner as other reflex-style optics. Trijicon offers three different mounting height options, and a magnifier should be selected/configured such that the optical axis of both the Trijicon MRO Patrol and the magnifier are co-aligned for best performance.

[Is the Trijicon MRO® Patrol night vision compatible?](#)

Yes the Trijicon MRO Patrol offers two night vision settings in addition to the 6 day light settings.

[What type of battery does the Trijicon MRO® Patrol use?](#)

The Trijicon MRO Patrol is powered by an included CR2032 LED battery with an estimated 5 year life at continuous use at day setting 3 (setting 5 of 8) at 70 degrees Fahrenheit.

What is the Trijicon MRO® Patrol battery life?

The Trijicon MRO Patrol battery should last for 5 years of continual use at setting “3” (5 of 8). When left on at the brightest setting (“6”), the battery should last around 25 days. Note that extended use in extreme temperatures – either cold or hot – may reduce the battery life considerably.

Is the Trijicon MRO® Patrol waterproof?

All Trijicon MRO product lines are rated to pressures equivalent depths of 100 feet (30 meters).

Will the Trijicon MRO® Patrol fit on the original Trijicon MRO® mounts?

Yes, the Trijicon MRO® Patrol will fit the original MRO Mounts by Trijicon and will also fit most MRO Mounts on the market today.

What are the dimensions of the Trijicon MRO® Patrol?

The Trijicon MRO Patrol is 4.1 in. x 1.8 in. x 2.0 in. (104mm x 46mm x 51mm) excluding the mount with the caps closed.

Is the Trijicon MRO® Patrol bigger than the Trijicon MRO®?

The Trijicon MRO Patrol is slightly larger than the Trijicon MRO. The Trijicon MRO Patrol dimensions are 4.1 in x 1.8 x 2.0 (104mm x 46mm x 51mm) with the caps closed. The Trijicon MRO® measures 2.6 in. x 1.7 in. x 2.0 in. (66mm x 43mm x 51mm) without the mount.

What is the weight of the Trijicon MRO® Patrol?

The Trijicon MRO Patrol weighs 5.1 oz. / 144g with battery installed, without the mount.

Does the Trijicon MRO® Patrol weigh more than the Trijicon MRO®?

The Trijicon MRO Patrol weighs slightly more, at 5.1 oz. / 144g with battery installed, excluding the mount. The first generation Trijicon MRO weighs 4.1 oz (116g) with battery installed, excluding the mount.

What is the warranty of the Trijicon MRO® Patrol?

Trijicon warrants that products manufactured by Trijicon will be free from defects in material and workmanship for the lifetime of the original owner. Trijicon will repair or replace (at our option) the registered product. This warranty does not apply to defects caused by anything which is deemed abnormal, abusive, or improper including any fault resulting from an accident or improper service. This warranty specifically applies to the optical systems and metal structure of the product and does not apply to the illumination system.

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Trijicon MRO Patrol electronics are warranted to be free of defects in material and workmanship during normal use for a period of five (5) years from date of original manufacture.

Do I need tools to make adjustments?

The Trijicon MRO Patrol features ½ MOA sub flush adjusters designed to prevent accidental adjustment without caps. No special tools are required to make adjustments.

[Why is my Trijicon MRO® Patrol dot not lighting up?](#)

Please refer to your Trijicon MRO Patrol annual or online video for proper battery installation. Incorrect battery orientation or damage to the battery contacts can prevent the Trijicon MRO Patrol from functioning properly.

Ensure that a battery is installed correctly and that the battery cap is tightened (to provide proper contacts) for operation. To turn on, rotate the illumination knob so that one of the numbered positions is facing toward you as you would look through the optic. Note that the night-vision settings ("n" and "N") will not be visible without night vision goggles, and the lowest day settings ("1" and "2") may be difficult to see in bright conditions.

[How should I clean the lenses of my Trijicon MRO® Patrol sight?](#)

We suggest that you use compressed air to remove any large debris to avoid scratching the lens. Once clear of debris, use an ordinary glass cleaner or fresh water. A mild plastic polish will remove minor swirl type scratching. It is important to avoid the use of any strong solvents like lacquer thinner or bore cleaner near the lens as they will damage the lens coatings. Use of a motorized polishing device on the lens will also cause damage to the unit's lenses.

[Why does the Trijicon MRO® Patrol have a slightly bluish tint?](#)

The slight bluish tint you may sometimes notice when looking through the Trijicon MRO Patrol is a result of the optical coatings that are required to provide a clear, crisp dot and maximum battery life. This phenomenon is present in all reflex-style optics to varying degrees, and it does not affect usability or performance of the optic.

[Why do I see a red glint when looking through the Trijicon MRO® Patrol?](#)

Like every reflex-style optic, the Trijicon MRO Patrol will exhibit some glint from the optical lens coatings when the user's eye is not directly behind the optic and the dot is not centered in the field-of-view (off-axis viewing). While the amount of glint will vary depending on the orientation of the optic relative to external light sources, the Trijicon MRO Patrol exhibits less of this effect than competitive optics. This phenomenon does not affect usability or performance of the optic, even in non-standard shooting positions.

[Why do I see a red ring around the Trijicon MRO® Patrol objective lens when at the brightest setting?](#)

When at its brightest setting ("6"), the Trijicon MRO Patrol will often exhibit a red ring around the outer edges of the objective lens. The Trijicon MRO Patrol exhibits less of this effect than competitive optics when at their brightest settings.

Note that this effect can also be made less noticeable by placing the optic at a greater distance from the operator's eye, and by ensuring the operator's eye is directly behind the optic. Setting the Trijicon MRO Patrol to "6" should rarely be required to achieve an appropriately bright reticle dot.

Trijicon® Reflex FAQ's

[Can I change the reticle in my Reflex?](#)

The reticle can be changed, however, it costs more than buying a new Reflex.

[Did Trijicon make a change to the coating of the Reflex housing?](#)

Yes, in August 2011, we changed the coating on the Trijicon Reflex as part of a product improvement initiative. The current Reflex sights will have a black finish, while the older Reflex has more of a grey finish. Even though the color is different, both sights are authentic Trijicon Reflex sights.



Old Coating



New Coating

[Does the Cerakote™ paint used on Trijicon products have slight variations in color from one optic to another?](#)

Yes, as with all paint processes, Cerakote is created in batches. One batch can be slightly darker or lighter than another. One batch may have a bit more gloss than the other. This is due to the way the paint is processed and a very slight variation in the mix can cause slight variations in color or gloss.

Trijicon RMR® FAQ's

[What are the Differences between the RMR Type 1 \(Original\) and the NEW Type 2 RMR?](#)

The New RMR Type 2 has redesigned and upgraded electronics which have proven through extensive testing to properly function when mounted on slide ride pistol and/ or all other small arms. Also included in the new RMR Type 2 are button lock out mode and battery saving features, which make this optic ideal for concealed carry and law enforcement use.

[How do I put the Adjustable LED RMR Type 2 into button lockout mode?](#)

To place the NEW Adjustable LED RMR Type 2 into button lock out mode follow these steps.

4. The RMR Type 2 must be turned off with battery installed.
5. Press and hold both buttons for at least three seconds and the RMR Type 2 will power up in automatic mode with manual brightness settings locked out.
6. To regain manual adjustment, press and hold both buttons for at least three seconds to shut off the RMR Type 2
7. Press either the “-” or “+” button to turn RMR Type 2 on into the default automatic mode. You will now have the ability to adjust the brightness manually.

[The NEW Adjustable LED RMR Type 2 has an automatic mode; how long before it resets?](#)

The reset timer for the new RMR is approximately 16 hours. After 16 hours of no button pushes the optic will automatically adjust the brightness of the dot to match current lighting conditions. This feature will save battery life in dark storage but never deprive the shooter of an aiming solution.

[Does the RMR Type 2 fit the old RMR mounts and holsters?](#)

Yes, the new RMR Type 2 has identical physical dimensions and mounting foot print to that of the original RMR.

[Does the new RMR Type 2 come with different reticle sizes or colors?](#)

The new RMR Type 2 is offered with the same reticles and colors as the original RMR line up.

[Does the new RMR Type 2 have better battery life?](#)

Yes, through the use of the automatic battery conservation mode the optic has the ability to dim the dot when not in use or in dark storage. The feature automatically begins after more than 16 hours passing without a button push.

[I used an "anti-flicker" sealing plate from a different manufacturer for my RMR Type 1.](#)

[Can I continue to use this plate with the new RMR Type 2?](#)

Trijicon strongly recommends that users do not use sealing plates that include a raised surface with the new RMR Type 2. The "bump" in these style plates can potentially crush the RMR Type 2's redesigned electronics. The upgraded RMR Type 2 has been designed so that it functions without the need for an anti-flicker sealing plate. (Trijicon's RM63 sealing plate does not have a raised surface and is compatible with the RMR Type 2).

[What is the MOA of the Trijicon RMR?](#)

The Trijicon RMR is available in three models with different reticle patterns. The first RMR model is the LED version. This comes in a 3.25 MOA Red Dot (RM01) and a 6.5 MOA Red Dot (RM02). The second RMR model is the Dual-Illuminated version. There are currently four reticles available for this model: a 13.0 MOA Amber Dot (RM03), a 7.0 MOA Amber Dot (RM04), a 9.0 MOA Amber Dot (RM05), and a 12.9 MOA Amber Triangle (RM08). The last model available is the Adjustable LED version. This comes in a 1.0 MOA Red Dot (RM09-C-700304), a 3.25 MOA Red Dot (RM06) and a 6.5 MOA Red Dot (RM07).

[Which reticle is right for me?](#)

LED & Adjustable LED: In both battery powered RMR models we offer three dot sizes. A small 1.0 MOA dot for precision shooting, typically for rifles and target pistols. A 3.25 MOA dot which is the most popular for pistol, shotgun, hunting, and plinking. Lastly, a 6.5 MOA dot that is best used in self-defense pistol and shotgun applications. All three dot sizes are compatible with night vision devices with the 3.25 dot size being the most popular.

Dual Illuminated: In the battery free Dual-Illuminated family we offer green and amber reticle colors. In green, we offer a 9.0 MOA dot and a 12.9 MOA triangle. The green triangle can be used in two unique ways: the tip of the triangle offers a fine aiming solution for precision shooting or shooting at distance, or the entire reticle can be used for rapid acquisition in close shooting situations, making this optic our most popular in the Dual Illuminated family. In the amber color, we also offer the 9.0 MOA dot and 12.9 triangle, in addition to a 7.0 MOA dot and 13.0 MOA dot. The 7.0 MOA Amber dot is popular for those wanting a finer aiming point. These reticle options have been popular choices when mounting to an ACOG as a secondary aiming solution. The U.S. Marine Corps chose the 9.0 MOA dot for use in both the SDO and MDO optics programs.

[How should I clean the lens of my Trijicon RMR sight?](#)

We suggest that you use compressed air to remove any large debris to avoid scratching the lens. Once clear of debris, use an ordinary glass cleaner or car wax. A mild plastic polish will remove minor swirl type scratching. It is important to avoid the use of any strong solvents like lacquer thinner or

bore cleaner near the lens as they will damage the lens coatings. Use of a motorized polishing device on the lens will also cause damage to the unit's lens.

Is the Trijicon RMR waterproof?

All RMR's are rated to pressures equivalent to depths of 66 feet/20 meters.

Why is the new RMR lens bluer than the previous version?

The coating is to maximize the efficiency of reflecting the LED's wavelength resulting in a longer battery life.

What is the Dual Illuminated RMR battery life?

The RM03, RM04, RM05 and RM08 are battery-free. The illumination sources for the reticles inside the Dual-Illuminated RMR are tritium and fiber optics.

What is the Adjustable LED RMR battery life?

The RM06 and RM07 battery should last four years of continual use at brightness setting #4. When left on at the brightest setting (brightness setting #8), the battery should last around 25 days.

What is the LED RMR battery life?

The RM01 and RM02 models are rated at two years typical use.

Does the Cerakote™ paint used on Trijicon products have slight variations in color from one optic to another?

Yes, as with all paint processes, Cerakote is created in batches. One batch can be slightly darker or lighter than another. One batch may have a bit more gloss than the other. This is due to the way the paint is processed and a very slight variation in the mix can cause slight variations in color or gloss.

When should the RMR sealing plate be used?

The RMR sealing plate should be used if ANY of the following are true:

1. Mounting surface is interrupted, or
2. Mounting surface has through features, or
3. Mount surface does not fully encompass sealing boundary



What parts are needed to mount an RMR on my Glock® MOS?

To mount an RMR on the Glock® MOS pistol, a Trijicon RMR Mounting kit ([AC32064](#)) is required. This part is not included with the RMR or the Glock® MOS.

Trijicon RedDot™ FAQ's

[Can I use my Docter pistol mount with my new Trijicon RMR® optic?](#)

While the Docter and the Trijicon RMR® appear to be similar, they actually have different footprints therefore different mounts are required for these sights.

[What is the MOA of the Trijicon RedDot™?](#)

The Trijicon RedDot™ has an 8 MOA version (MS03) and a 4 MOA version (MS04). The Docter brand Micro Red Dot sight. Docter sights have a 3.5 MOA dot (MS01) and a 7 MOA dot (MS02).

[I seem to be running out of elevation while attempting to zero the Trijicon RedDot™ on my ACOG®. Any suggestions?](#)

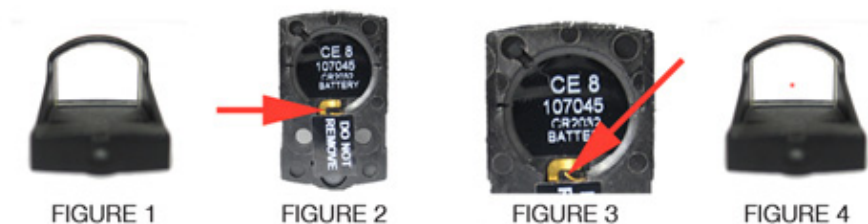
If you have a Trijicon RedDot sight attached to an ACOG, you may find that a 1 degree shim (available from Trijicon by contacting Customer Service) will be helpful in assuring that there is sufficient elevation adjustment when zeroing the RedDot at 100 meters and less.

[How should I clean the lens of my Trijicon RedDot™ sight?](#)

We suggest that you use compressed air to remove any large debris to avoid scratching the lens. Once clear of debris, use an ordinary glass cleaner or car wax. A mild plastic polish will remove minor swirl type scratching. It is important to avoid the use of any strong solvents like lacquer thinner or bore cleaner near the lens as they will damage the lens coatings. Use of a motorized polishing device on the lens will also cause damage to the unit's lens.

[My RedDot™ is not illuminated, what should I do?](#)

If the red dot in the sight is not lighting up, the problem could be that the battery contact is bent or out of place. To fix this problem follow these steps: If the reticle is not illuminating (See FIGURE 1), then remove the optic from mount to expose the battery area. Remove battery and look to see if the bottom contact is bent down (See FIGURE 2). Bend lower contact upward so that it comes in contact with the battery when the battery is inserted (See FIGURE 3). Replace battery and check that the reticle is now illuminated (FIGURE 4).



[What is the RedDot™ battery life?](#)

The MS03 and MS04 models are rated at two years typical use and up to 4 years in dark storage.

Trijicon SRS® FAQ's

[Why do I see a reflection of a square around the dot in the SRS at certain times?](#)

The appearance of internal optic reflections under certain lighting conditions is a common issue amongst all reflex-style red-dot sights, to varying degrees. The unique optical design and geometry of the SRS provides for a shorter optic with a wider field of view (for a given eye relief and target

range) than any other comparable red-dot sight on the market. One trade-off from these functional advances is an increased propensity for internal optic reflections when the SRS is oriented at a specific angle toward the sun.

[Will the SRS sight illuminate without a battery installed?](#)

The Trijicon SRS® LED reticle illumination is provided by a combination of power from the integrated solar cell and one (1) AA battery. The electronics utilize all available current from the solar cell, and the AA battery provides any supplemental current required to illuminate the LED to the user-selected brightness setting. The solar cell will significantly increase the SRS® battery life when the optic is used in outdoor, daylight conditions. In certain conditions, the LED will illuminate in the SRS® without a battery installed. However, it is necessary that a battery always be installed and the battery cap tightened (to provide proper contacts), to energize the system during power-up and to ensure the LED remains illuminated during changing ambient light conditions. Please refer to the Operators Manual for minimum battery life expectancy.

[Why is my SRS dot not lighting up?](#)

Please ensure that a battery is installed correctly and that the battery cap is tightened (to provide proper contacts) for operation. To turn on, press both the brightness buttons and hold for three to five seconds.

Trijicon TrijiDot® FAQ's

[What are the intended applications for the TrijiDot Fiber Optic Shotgun Sight?](#)

The sight was designed with a moderate bead size that should be ideal for a wide range of hunting applications, including upland game (pheasant, quail, grouse, dove), waterfowl, and turkey hunting. However, the sight would also serve well in other roles where replacing a standard bead sight with a bright, rugged glowing bead would be beneficial, including some tactical and home defense roles.

[Which model fits my shotgun?](#)

Measure the width of your barrel rib, and choose the appropriate model as listed below:

	TrijiDot Models		
	SH01-G & SH01-R	SH02-G & SH02-R	SH03-G & SH03-R
Sizes	fits .210" to .280" wide barrel ribs	fits .265" to .335" wide barrel ribs	fits .325" to .395" wide barrel ribs
Popular Shotgun Models	Benelli Vinci Montefeltro Beretta Xtrema II Browning Gold Silver Maxus Auto-5 Winchester SX3	Benelli M2 Super Black Eagle 2 Sport 2 Cordoba Nova Ithaca Model 37 Remington 870 11-87 Stoeger P-350	Mossberg 500 Series (with barrel rib) 590 Series (with barrel rib) 800 Series 900 Series

[Do I need any tools to install the TrijiDot Fiber Optic Shotgun Sight?](#)

A standard size .050" hex key (allen wrench) is the only tool required which is included with the sight.

[Do I need to remove my existing bead sight to install the TrijiDot Fiber Optic Shotgun Sight?](#)

No! The sight fits over most existing bead sights. On applications where the sight does not slide over the existing bead, simply butting the end of the Fiber Optic Shotgun Sight against the existing bead sight will still result in secure attachment.

[Do I need to be concerned about recoil from 3 ½" magnums, slugs, 10-Ga, etc?](#)

No! The sight has been tested through many thousands of rounds of recoil at a level well in excess of any shotgun recoil force of which Trijicon is aware.

[Is a fiber optic and tritium version available?](#)

Not at this time.

[Is my TrijiDot supposed to have magnets on the bottom?](#)

When we launched the TrijiDot, it did include magnets. Based on customer feedback and further engineering tests, it was determined that the magnets were redundant and not serving any real purpose, so the TrijiDot no longer includes magnets. The set screws will hold the TrijiDot in place.

Trijicon TriPower® FAQ's

[The aiming chevron of my TriPower seems very dim. Could the tritium be dead?](#)

The primary source of illumination in the TriPower optic is the integrated fiber optic system. The tritium-illumination feature serves as a secondary source of illumination and functions best in very dim (dawn/dusk) or completely dark lighting conditions.

To test the illumination through the fiber optics, make sure nothing is covering the fiber optic coil on the top of the TriPower. Under normal lighting conditions, the red chevron should be clearly visible if the fiber optics is working properly.

To test the illumination of the tritium, take your TriPower into a completely dark room. Allow your eyes fully adjust to the darkness before looking through the scope at the chevron point.