

Trijicon[®]

Brilliant Aiming Solutions[™]



TRIJICON MOUNT INSTRUCTIONS FOR THE MRO[™]

*(Universal Mounting Instructions
for Clamp-Style Mounts)*

CAUTIONS

1. Before installing ensure the firearm is UNLOADED.

COMPONENTS

Mount
Base

Clamp
Bar

(2) #8 - 32 x 1/4"
BHCS Clamp
Screws



(4) #4 - 48 x 1/4"
SHCS Mount
Screws



**Mount Base, Clamp Bar
and Clamp Screws come
preassembled.*

TOOLS

Provided:

(1) – 3/32" Hex Key

Recommended:

(1) – 3/32" Hex Key Torque Wrench
(12-30 in. lbs.)

INTRODUCTION

This mount can be used to affix the Trijicon MRO™ to any rifle or shotgun with a picatinny top rail, manufactured to MIL-STD-1913 and/or STANAG 4694 specifications.

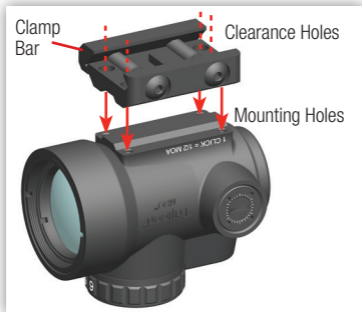
This mounting adapter may also fit some firearm accessory rails listed as “Weaver Type” or “Weaver Spec” under certain conditions. Contact the firearm manufacturer for questions regarding the firearm’s rail manufacturing standard.

INSTALLATION

Step 1. Place the MRO™ upside down on a flat work surface to expose the four *Mount Screw Holes* on the bottom of the optic.



Step 2. Place the mount onto the MRO™ aligning the *Clearance Holes* in the mount with the *Mounting Holes* in the optic, as shown.

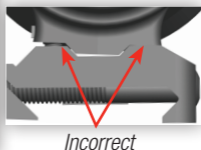
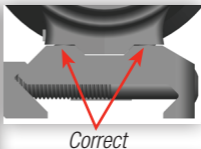


NOTE: The MRO™ mount is symmetric in design, therefore it will function whether the *Clamp Bar* is on the right or left side of the optic. The installation orientation is a personal preference.

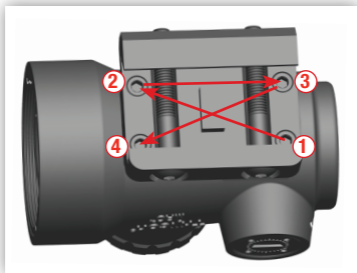
Step 3. Insert the four #4-48 *Mount Screws* into the *Mount Clearance Holes* and turn the *Mount Screws* in a clockwise direction with the provided 3/32" hex key until each screw is barely snug. **DO NOT FULLY TIGHTEN UNTIL AFTER THE NEXT STEP.**



Step 4. With the *Mount Screws* barely snug, evaluate the straightness of fit between the *Mount* and the MRO™ sight. The gap, if any, between the MRO™ and the *Mount* should be equal on each side. A slight gap is expected, but should not be excessive on only one side.



Step 5. Once the optic-to-mount fit is verified, proceed to tighten the four #4-48 Mount Screws a $\frac{1}{2}$ turn as outlined below (a “star” pattern, starting with ①) to maintain a balanced fit between the *Mount* and the optic, until the proper torque is reached (12 in. lbs).



Step 6. After all four *Mount Screws* are tightened, verify that the gap (if any) is even on both sides, such that the mount and sight are level (see Step 4).

NOTE: If the mount-to-optic gaps on each side of the mount are not equal, loosen all four screws slightly and repeat Steps 4 through 6 until the screws are fully tightened and the mount fit is verified to be visually level.

INSTALL ONTO FIREARM

CAUTION: Before installing optic, ensure the firearm is UNLOADED.

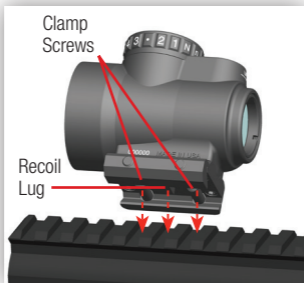
Step 7. Using the supplied 3/32" hex key, loosen the *Clamp Bar Screws* until they are only threaded a few turns into the clamp bar.

Step 8. Angle the MRO™ as shown so that the angled surface of the *Mount Base* can be attached to the firearms accessory rail.

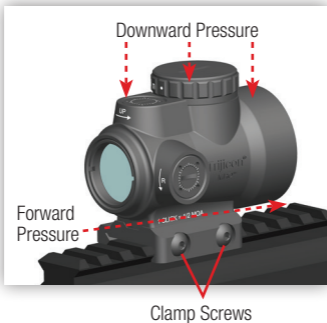


Step 9. Align the *Clamp Screws* and recoil lug in the *Mount Base* with slots on the firearm accessory rail, and rotate the mount assembly until it is flush with the top of the rail as shown below.

Note: Additional loosening or manipulation of the *Clamp Bar* may be required to achieve a proper “seating.”



Step 10. Once the mount assembly is flush with the firearm's rail, put slight downward and forward (towards muzzle) pressure on the MRO™ to force the recoil lug and *Clamp Screws* as far forward in the rail slots as possible, while tightening the *Clamp Screws* snugly with the provided 3/32" hex key.



Step 11. After the *Clamp Screws* have been secured, tighten each *Clamp Screw* to 30 in. lbs.

The *Clamp Screws* should both be nearly flush with the outer edge of the *Clamp Bar*, and both screws should appear to be equally tight.



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