

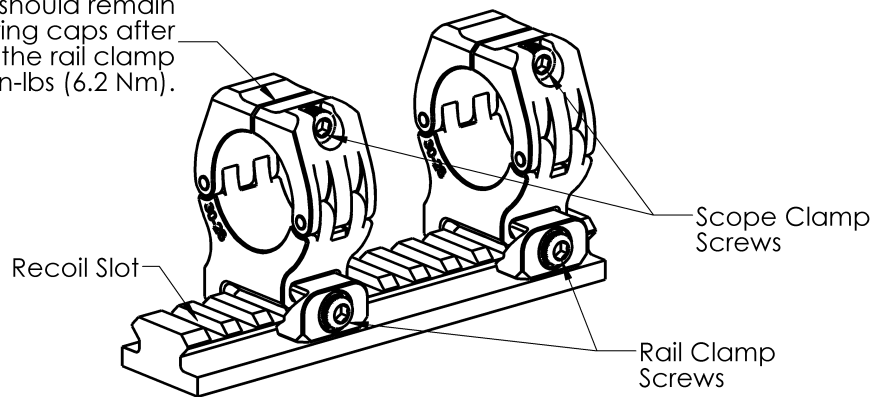
**American Rifle Company, Inc.**  
**Mounting Procedure for M10 Scope Rings**

**Use only with STANAG 4694 and Mil-Std-1913 “Picatinny” accessory rails.**

**Important Safety Information**

- **With the firearm pointed in a safe direction, ensure that it is unloaded by opening the action and visually and physically inspecting the chamber.**
- The use of a high quality torque wrench during the scope mounting procedure is highly recommended. You can purchase one at [www.AmericanRifle.com](http://www.AmericanRifle.com) or by contacting us at [Sales@AmericanRifle.com](mailto:Sales@AmericanRifle.com).
- To ensure proper function, apply a small amount of oil or anti-seize to the threads and to the underside of the heads of all screws included with the rings.

A gap of about 0.040 inches (1mm) should remain between the ring caps after tightening the rail clamp screws to 55 in-lbs (6.2 Nm).



**Recommended Scope Mounting Procedure**

1. Ensure that both the scope and the rings are clean and degrease the scope tube and the inner surface of the scope rings if necessary.
2. Clamp each ring around the scope tube, ensuring that both rings are oriented the same way. At this point, leave the scope clamp screws loose enough to allow the rings to slide and rotate about the scope with slight resistance. It is preferable to position the rings as far apart as possible along the scope tube.
3. Loosen the rail clamp screws by 5 or 6 turns, and back the rail clamps away from their respective ring assemblies.
4. Mount the scope to the firearm, ensuring that the rail clamp screws have properly engaged the recoil slots of the rail. Moderately tighten (snug) the rail clamp screws while pushing the rings towards the muzzle of the firearm.

5. Slide the scope through the rings to position it for proper eye relief. This may require removing the scope and rings from the firearm and repositioning one or both rings to a new location along the rail. Repeat this step as required.
6. Rotate the scope until you are satisfied with the horizontal and vertical alignment of the reticle.
7. When satisfied with both the eye relief and the orientation of the reticle, snug each of the scope clamp screws to prevent further movement of the scope.
8. Gradually tighten the rail clamp screws by alternately turning each screw approximately 1/8 of a turn until a torque of **55 in-lbs** (6.2 Nm) has been applied to each rail clamp screw. If you do not have a torque wrench, use the tightening method described in steps 9 and 10. Otherwise go to step 11.
9. Find the hex key supplied with the rings and insert the **long end** of it into the rail clamp screws to alternately tighten them until you can no longer comfortably apply pressure to the **short end** of the hex key using only your fingers.
10. Engage the rail clamp screws with the short end of the hex key and tighten them by an additional 1/4 of a turn beyond what was done in previous step.
11. Gradually tighten the scope clamp screws by alternately turning each screw approximately 1/8 of a turn until a torque of **55 in-lbs<sup>1</sup>** (6.2 N-m) has been applied to each scope clamp screw. If you do not have a torque wrench, use the tightening method described in steps 12 and 13. Otherwise go to step 14.
12. Find the hex key supplied with the rings and insert the **long end** of it into the scope clamp screws to alternately tighten them until you can no longer comfortably apply pressure to the **short end** of the hex key using only your fingers.
13. Engage the scope clamp screws with the short end of the hex key and tighten them by an additional 1/4 of a turn beyond what was done in previous step.
14. Congratulations! Your installation is now complete.

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<sup>1</sup> Yes, 55 in-lbs (6.2 Nm) is correct. American Rifle's M10 Rings use a larger scope clamp screw than that used by most other manufactures of rings. In order to attain clamping forces similar to those attained using rings having multiple small screws, higher levels of torque must be applied to the single large scope clamp screw of the M10 Rings.