

AMERICAN RIFLE COMPANY

M-BRACE SCOPE RINGS

Installation Instructions



<u>Notes</u>

- 1. Ensure that your rifle is unloaded.
- 2. The use of a high-quality torque wrench is recommended.
- 3. It is best to 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. Loctite is not recommended.
- 4. Use only with STANAG 4694 and Mil-Std-1913 "Picatinny" rails.
- 5. The hinge pins may slide until the rings are tightened on the scope tube. Center the pins before tightening.

Torque Specification

1. Scope Clamp Screws & Rail Clamp Screws: 55 in-lbs (6.2 Nm)

Yes, this is higher than typical. American Rifle's rings use a larger diameter scope clamp screw than that used by most other manufacturers of rings. To clamp the scope tube with a force similar to rings having multiple small screws, a higher torque must be applied to the single larger scope clamp screw on American Rifle's Rings.

Installation

- 1. Clean the rings, picatinny rail, and scope in preparation for assembly.
- 2. Attach the rings to the picatinny rail on the rifle with both rings oriented the same way. Slightly snug the rail clamp screws while pushing the rings towards the muzzle of the firearm.
- 3. Place scope in the rings and slightly snug the scope clamp screws.
- 4. Position the scope for proper eye relief by looking through the scope while holding the rifle as you would shoot it. This may require removing the rings and scope from the firearm and repositioning one or both rings along the rail.
- 5. Rotate the scope until you are satisfied with the horizontal and vertical alignment of the reticle. Align the reticle to the level if using a level. Multiple levels on your rifle may not read identically, this is ok. Choose one level to align the scope.
- 6. Gradually tighten the rail clamp screws, alternate between the screws until torqued. Push the rings toward the muzzle of the firearm before tightening.
- 7. Gradually tighten the scope clamp screws, alternate between the screws until torqued.



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M-BRACE SCOPE MOUNT

Installation Instructions



<u>Notes</u>

- 1. Ensure that your rifle is unloaded.
- 2. The use of a high-quality torque wrench is recommended.
- 3. It is best to 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. Loctite is not recommended.
- 4. Use only with STANAG 4694 and Mil-Std-1913 "Picatinny" rails.
- 5. The hinge pins may slide until the rings are tightened on the scope tube. Center the pins before tightening.

Torque Specification

1. Scope Clamp Screws & Rail Clamp Screws: 55 in-lbs (6.2 Nm)

Yes, this is higher than typical. American Rifle's rings use a larger diameter scope clamp screw than that used by most other manufacturers of rings. To clamp the scope tube with a force similar to rings having multiple small screws, a higher torque must be applied to the single larger scope clamp screw on American Rifle's Rings.

- 2. LRF Mount to M-BRACE attachment screws: 55 in-lbs (6.2 Nm)
- 3. Bubble Level Screw and other accessories: 30 in-lbs (3.4 Nm)

Installation

- 1. Clean the mount, picatinny rail, and scope in preparation for assembly.
- Attach the scope mount to the picatinny rail on the rifle.
 M-BRACE Scope Mounts hold rifle scopes at various angles relative to the rifle bore. The orientation angle on the mount points towards the muzzle. 0 MOA mounts can be mounted either direction.
- 3. Place scope in the mount and slightly snug the scope clamp screws.
- 4. Position the scope for proper eye relief by looking through the scope while holding the rifle as you would shoot it. This may require moving the scope in the mount or moving the mount on the pic rail.
- 5. Rotate the scope until you are satisfied with the horizontal/vertical alignment of the reticle. Align the reticle to the level if using a level. Multiple levels on your rifle may not read identically, this is ok. Choose one level to align the scope.
- 6. Gradually tighten the rail clamp screws, alternate between the screws until torqued. Push the mount toward the muzzle of the firearm before tightening.
- 7. Gradually tighten the scope clamp screws, alternate between the screws until torqued.