

Reflex Sight Mounts Manual

46020 rev e



**MESA
TACTICAL**

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Package Contents

The reflex sight mount package includes:

- This installation manual;
- Reflex sight mount (machined aluminum);
- Mounting hardware kit in a zip poly bag;
- Mesa Tactical sticker.

If you are missing any items, please contact Mesa Tactical support as described at the end of this Installation Manual.

RMR Footprint

The reflex sight mount accepts any reflex optic that is compatible with the Trijicon® RMR® footprint. The Trijicon RMR standard has two holes for optic mounting screws and two sockets for the pins on the reflex sight mount that are positioned in the front, in both corners.

The following reflex sights are known to support the Trijicon RMR footprint. Not all have been tested with the reflex sight mount.

- ADE Advanced Optics RD3-011 Avenger, RD3-019 Stingray, RD3-020 Raptor and RD3-023 Valkyrie
- AmeriGlo Haven
- Holosun 407C, 407C V2, 407C X2, 507C, 507C V2, 507C X2, 508T and 508T X2
- NcStar VISM FlipDot Pro
- Primary Arms Classic Series Mini Reflex Sight
- Riton X3 Tactix PRD
- SIG SAUER Romeo Zero-R
- Swampfox Justice RMR, Kingslayer and Liberty RMR
- Trijicon RMR and SRO
- Vector Optics Frenzy 1x22x26

Installation

Installation procedure is similar for the Benelli M2 Tactical, Benelli M4, and Beretta 1301 Tactical shotguns (the Beretta 1301 Comp is not supported). The Mesa Tactical reflex sight mount fits in front of the rear LPA ghost ring sight, by taking advantage of the factory tapped Picatinny (MIL-STD 1913) rail holes. When properly installed, the reflex optic co-witnesses with the factory-installed LPA ghost ring sight.

Tools Required for Installation

The reflex sight mount package includes all the specialized tools necessary for installation on the supported shotgun. However, the following additional tool may be required for installation:

- A flathead screwdriver (for Benelli shotguns);
- A vise (optional);
- A torque wrench (optional).

Using purple or blue thread locker is not necessary, but is highly recommended.

Procedure

1. Ensure the weapon is unloaded and pointed in a safe direction

No live ammunition should be present. Before starting, lock the bolt back.

2. Attach reflex optic compatible with Trijicon RMR footprint to the reflex sight mount

Your hardware kit comes with two sets of attachment screws of different lengths.

- #6-32 x 3/8" flathead cap screws
- #6-32 x 7/16" flathead cap screws

The thickness of your reflex optic determines which set of optic mounting screws to use. You want to use the longest screw that does not protrude below the lower surface of the reflex sight mount. Use the supplied hex key to tighten the reflex optic to the reflex sight mount using no more than 10 in-lbs of torque. A drop of purple or blue thread lock on each screw is recommended.



3. Prepare the shotgun to accept the reflex sight mount

Each of the supported shotgun platforms is slightly different. For the Benelli M2 Tactical remove the four plastic hole plugs from the tapped rail mounting holes in the top of the receiver.

For the Benelli M4 and Beretta 1301 Tactical, use a screwdriver or hex key to remove the screws securing the Picatinny optics rail to the top of the receiver. Detach the rail and store it in a safe place.

4. Secure the reflex sight mount to the receiver.

For Benelli M2 Tactical and Benelli M4 use the three screws and washers. For Beretta 1301 Tactical use the two metric flathead screws. Tighten to about 15 inch-lbs. A drop of purple or blue thread locker on each screw is recommended.



5. Check fit and functionality

When the reflex sight mount is secured to the receiver, ensure the barrel can be easily removed and replaced. If the barrel hangs on one or more screws, remove the screws and shorten them slightly by rubbing them on some emery cloth or a file. Re-fit until the barrel does not contact the screws. Be sure to check for loose screws every time you use your shotgun.

ACRO Footprint

The reflex sight mount accepts any reflex optic that is compatible with the Aimpoint® ACRO® footprint. The Aimpoint ACRO standard has a dovetail for optic mounting and a perpendicular groove for a recoil lug preventing the optic from movement.

The following reflex sights are known to support the Aimpoint ACRO footprint. Not all have been tested with the reflex sight mount.

- Aimpoint ACRO P-1/P-2
- Aimpoint ACRO C-1/C-2
- Steiner® MPS
- Griffin Armament® Griffin Micro Sight™
- C&H Precision Duty
- Vector Optics Frenzy Plus
- Lead & Steel PB-3

Installation

The Mesa Tactical reflex sight mount fits in front of the rear LPA ghost ring sight, by taking advantage of the factory tapped Picatinny (MIL-STD 1913) rail holes. When properly installed, the reflex optic co-witnesses with the factory-installed LPA ghost ring sight.

Tools Required for Installation

The reflex sight mount package includes all the specialized tools necessary for installation on the supported shotgun. However, the following additional tool may be helpful during installation:

- A flathead screwdriver (for Benelli shotguns);
- A vise (optional);
- A torque wrench (optional).

Using a purple or blue thread locker is not necessary, but is highly recommended.

Procedure

1. Ensure the weapon is unloaded and pointed in a safe direction

No live ammunition should be present. Before starting, lock the bolt back.

2. Prepare the shotgun to accept the reflex sight mount

For the Benelli M4 use a screwdriver to remove the screws securing the Picatinny optics rail to the top of the receiver. Detach the rail and store it in a safe place.

3. Attach reflex sight mount to shotgun receiver

Your hardware kit comes with four attachment screws.

- #8-40 × ¼" flathead screws

Use three screws and included hex key to tighten the sight mount to the receiver. Tighten to about 15 inch-lbs. A drop of purple or blue thread locker on each screw is recommended.



4. Check fit and functionality

When the reflex sight mount is secured to the receiver, ensure the barrel can be easily removed and replaced. If the barrel hangs on one or more screws, remove the screws and shorten them slightly by rubbing them on some emery cloth or a file. Re-fit until the barrel does not contact the screws. Be sure to check for loose screws every time you use your shotgun.

5. Attach reflex optic compatible with Aimpoint ACRO footprint to the reflex sight mount

Position reflex optic onto sight mount ensuring recoil lug is seated in the perpendicular groove on the sight mount. Tighten the optic mounting screw to optic manufactures specifications.



Support and Warranty

If you have any problems or questions, please feel free to contact Mesa Tactical for assistance at 775-333-9800.

Sending an e-mail to support@mesatactical.com automatically opens a support ticket.

Mesa Tactical warrants that all products are free from defective material and workmanship and, subject to the conditions set forth below, agrees to repair or replace any part of a product that proves defective by reason of improper workmanship or materials without charge for parts and labor.

In no event will Mesa Tactical be liable for damages, lost revenue, lost wages, lost savings or any other incidental or consequential damages arising from purchase, use or inability to use this product.

No express or implied warranty is made for Mesa Tactical product damaged by accidents, misuse, natural or personal disaster, or any unauthorized disassembly, repair or modification. Mesa Tactical's warranty covers only repair or replacement of defective Mesa Tactical products.

MESA TACTICAL



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