

Mini-Scout-Mount™ Installation Instructions

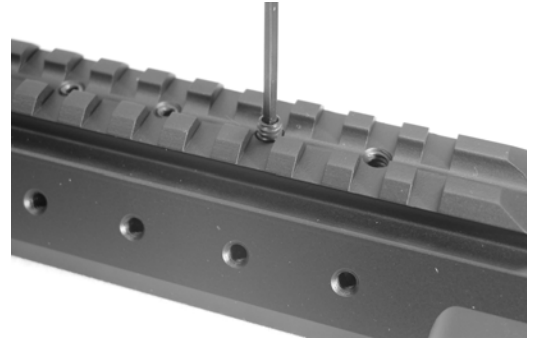
For the M14 and M1A rifles

STEP #1. **BE **POSITIVE** THAT YOUR RIFLE IS **NOT LOADED!!!!****

1. Treat ALL guns as if they are LOADED.
2. NEVER let the muzzle point at anything you are not willing to destroy.
3. Keep your finger OFF the trigger.
4. REMOVE the magazine and set it aside.
5. PULL the operating rod completely to the REAR several times and CHECK the chamber EACH TIME.

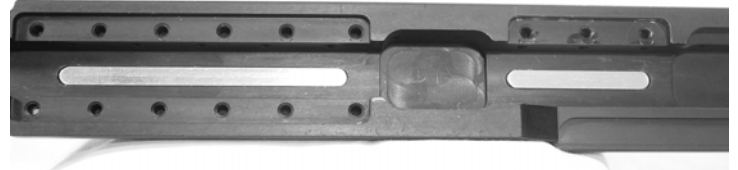
STEP #2 REMOVE THE TRIGGER ASSEMBLY AND STOCK

- START by removing the trigger assembly and stock.
- Then remove the rear handguard. It is not necessary to remove any other parts to install the *Mini-Scout-Mount*™.
- Pull the op rod back and lock to the rear in the open bolt position.
- Open the hardware package and lay out the contents.
- Start the eight (8) *hex-head set screws* into the threaded holes on the top of the *Mount Body*. Use the small *hex wrench* provided to screw them down almost level to the TOP of the *Mount Body*.



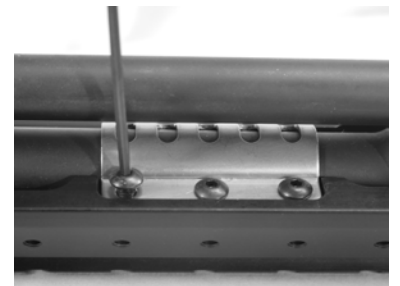
STEP #3 POSITION THE MOUNT BODY

- Place the *Mount Body* upside down on a flat and sturdy table or bench surface.
- Insert the two *Barrel Keys* (the long, narrow pieces of aluminum) into the matching recesses on the inside of the *Mount Body*.
- Place the rifle top side down into the *Mount Body*. **NOTE:** If your barrel does not drop easily into the recess and set completely down in the *Mount Body*, you have a medium-heavy or Chinese made barrel. These are thicker and will not fit in our mounts.



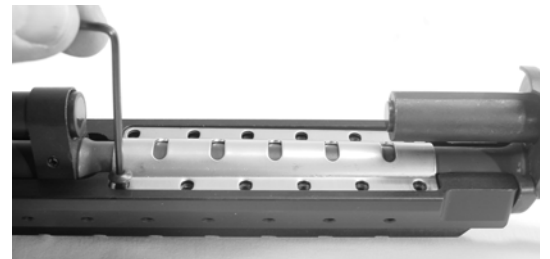
STEP #4 POSITION THE SHORT BARREL CLAMP

- Lift the barreled action slightly out of the *Mount Body* and insert the **SHORT Barrel Clamp** under the op rod and over the rifle barrel.
- Lower the barreled action so the hook on the **SHORT Barrel Clamp** will drop into the recess in the *Mount Body* below the barrel. The flange side of the **SHORT Barrel Clamp** (with three holes) will then drop into its matching recess.
- Start (DO NOT snug down) three of the *Cap Head Screws* through the holes in the flange of the **SHORT Barrel Clamp**, and into the threaded holes in the *Mount Body*.



STEP #5 POSITION THE LONG BARREL CLAMP

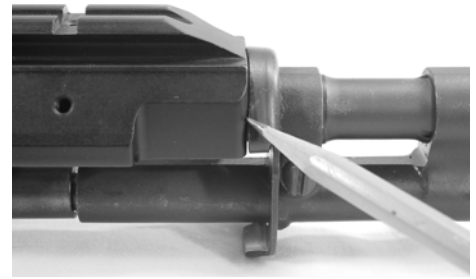
- Insert the **LONG Barrel Clamp** over the barrel with the narrowed end toward the front of the *Mount Body* (the muzzle end) and align the holes in the flanges to the threaded holes in the *Mount Body*.
- If all of the threaded holes in the *Mount Body* are not visible through the holes in the **FRONT Barrel Clamp**, you have it in **backwards**. Turn it around. All of the holes will line up if it is installed correctly.



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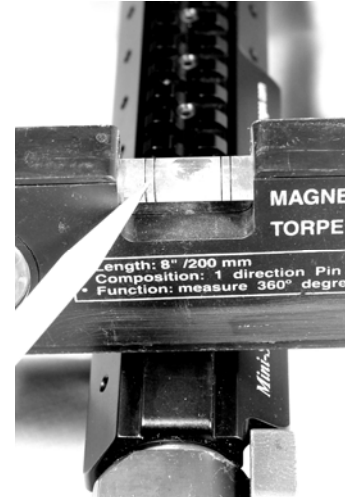
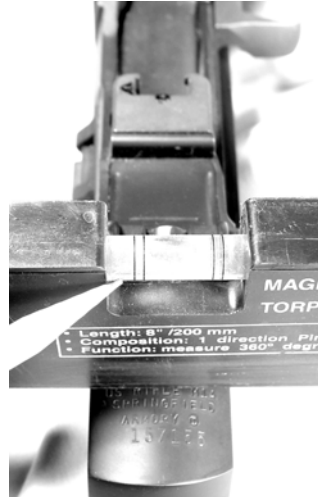
For the M14 and M1A rifles

- Start ALL of the *hex head cap screws* through the holes in the LONG *Barrel Clamp* and into the *Mount Body*, but DO NOT snug them down yet.
- Release the op rod and let it go SLOWLY forward to the closed bolt position.
- Push the *Mount Body* as far forward as it will go against the front handguard retainer and gas cylinder assembly to remove any gap.
- Tighten only the front two (2) *cap screws* with the *hex wrench* provided, taking turns on each screw to evenly secure the LONG *Barrel Clamp*.



STEP #6 ALIGN THE MOUNT BODY WITH THE RECEIVER

- Turn the rifle over and set it on a sturdy, flat and LEVEL surface.
- Place a small level on the flat top of the receiver just behind the rear sight and check it for level.
- Then set the level on top of the Picatinny rail of the mount body.
- Adjust the mount body right or left until it is level and square with the flat of the rear receiver.



- Set the level aside and carefully turn the rifle over.
- Alternate tightening the *cap screws* with the *hex wrench* provided, making about two turns on each screw in a criss-cross pattern to evenly secure the LONG *Barrel Clamp*.
- Turn the rifle over and use the level again to confirm the *Mount Body* is still square to the receiver. If not, loosen the long barrel clamp screws and adjust the *Mount Body* again using the procedure above.
- Now snug down the three screws in the REAR *Barrel Clamp* in the same manner. All *Barrel Clamp screws* must be firmly seated down, holding the *Barrel Clamps* firmly against the *Mount Body*.

STEP #7 SECURE THE BARREL KEYS & REASSEMBLE

- Turn the rifle with the *Mount Body* attached over to the upright position.
- Use the *hex wrench* to snug down each of the *set screws* a little at a time, alternating between screws. The *set screws* should be snug, but not overly tightened.
- Replace the stock and trigger assembly.
- Work the op rod back and forth several times to ensure that it functions properly and clears the *Mount Body*.

Mini-Scout-Mount[™] Installation Instructions

For the M14 and M1A rifles

- When you look through the open sights, the Picatinny rail on top of the *Mount Body* will form a horizontal plane and the sights will be visible through the *sight channel*.

STEP # 8 **SETTLING IN THE MOUNT**

- After firing about 10 rounds with the *Mini-Scout-Mount*[™] attached, remove the trigger assembly and stock from the rifle and re-tighten all of the cap-head screws in the *Barrel Clamps*. Reassemble the rifle. Do not be concerned if the initial group fired appears excessively large.
- Re-tighten the *set screws* in the top of the *Mount Body*. Fire 10 more rounds then tighten the *set screws* again. This adjusts the *barrel keys* to your rifle's barrel contour. You will notice a dramatic improvement in your group size when the mount has settled into place.
- Re-tighten the *set screws* again as necessary after firing 50 rounds, and again after 100 rounds.
- Do not remove the *Mini-Scout-Mount*[™] to clean your rifle.
- If you ever remove the *Mini-Scout-Mount*[™], you will need to repeat the settling-in process.

TIPS & TROUBLE SHOOTING

- If you remove the Gas Cylinder Lock and Gas Cylinder, recheck all of the screws in the *Mini-Scout-Mount*[™] after reassembly, as well as your zero. If the *Mount Body* has become loose, disassemble it and reinstall as above.
- When cleaning, DO NOT REMOVE the *Mini-Scout-Mount*[™]. Use compressed air and a quality aerosol solvent around the clamps and *Mount Body*. Finish with a rust preventive lubricant to protect the rifle barrel and screws.
- DO NOT glass epoxy bed this mount to the rifle barrel. This would interfere with the cooling features of the design and transfer excessive heat to the mount body.
- The Picatinny rail on the top of the *Mini-Scout-Mount*[™] will accommodate all of the popular red-dot and holo-sights, as well as scout scopes or pistol scopes. Pistol scopes should be mounted far enough forward on the *Mount Body* to allow for proper eye relief. Red-dot and holo-sights can be mounted where you prefer. Sights mounted too near the receiver tend to become fouled by oil and powder particles. Scope mounts that attach to the side of the receiver will usually work just fine with the *Mini-Scout-Mount*[™] installed.
- Tactical flashlights, laser sights and other accessories can be conveniently mounted on the sides of the *Mount Body* with the addition of a *Tactical Light Mount Kit* (sold separately).
- Always be sure that your rifle is in good operating condition and properly lubricated. Pay special attention to the tension on the Gas Cylinder Plug, as it can have a dramatic effect on your accuracy.

If you have any problems with the fit or function, break or lose a part, just email or call us.

Other *Mini-Scout-Mount*[™] models are available and can be seen on our website at

www.amegaranges.com