

Mini-Scout-Mount™ Installation Instructions

For all RUGER® Mini-14's

(including 580 series and newer, Mini-14/6.8/30)

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 you finger OFF the trigger.
4. REMOVE the magazine completely and set it aside.
5. PULL the operating rod completely to the REAR and CHECK the chamber.
6. Work the operating rod several times and check the chamber AGAIN.

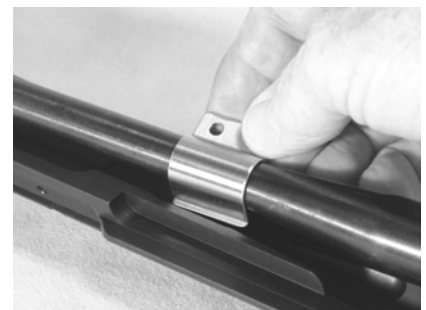
STEP #2 REMOVE THE UPPER SECTION OF THE GAS BLOCK ASSEMBLY

- START with the Mini-14™ field stripped in accordance with the RUGER® Owners Instruction Manual.
- Place the rifle upside down on a flat and sturdy table or bench surface. Use the larger hex wrench (provided) and remove the four (4) hex head screws from the Gas Block Assembly.
- **DO NOT LOSE** the little Gas Bushing that fits between the rifle barrel and the Lower Gas Block Section!



STEP #3 POSITION THE BARREL CLAMP

- Place the *Mount Body* upside-down on the table and set the barrel with the lower half of the gas block into it so the four gas block screw holes line up.
- Place the *Barrel Clamp* over the rifle barrel with the flange side with the holes aligned with the corresponding holes in the *Mount Body*.
- Lift the receiver end of the barrel just enough to slide the hook of the *Barrel Clamp* under the barrel and into the recess on the under side of the *Mount Body*.
- Pull the *Mount Body* and *Barrel Clamp* together around the rifle barrel and start the button-head cap screws (provided) into the threaded holes in the *Mount Body* using the small hex wrench (provided). DO NOT SNUG these three screws down yet.



STEP #4 POSITION THE MOUNT BODY

- Hold the Lower Section of the Gas Block Assembly in place on the rifle barrel with the gas bushing aligned in its notch.
- Position the *Mount Body* along the rifle barrel so the four threaded screw holes align with the holes in the Lower Section of the Gas Block Assembly.
- START the four gas block screws into the threaded holes. (*580 Series: DO NOT use the original Ruger® gas block screws! They are a different thread size! Use the four LONGER gas block screws provided.*) We recommend putting a small drop of medium-strength thread sealer on the threads of each of the new gas block screws.
- Evenly tighten the four gas block screws with the larger hex wrench provided, taking two turns on each screw until the gap between the Lower Gas Block Assembly and *Mount Body* is evenly spaced on both sides of the barrel. **DO NOT USE POWER TOOLS OR TORQUE WRENCHES ON THESE SCREWS!**



STEP #5 SECURE THE BARREL CLAMP

- Evenly snug down the cap head screws on the flange of the *Barrel Clamp* with the Small hex wrench. (**580 Series has three screws on the Barrel Clamp.**)

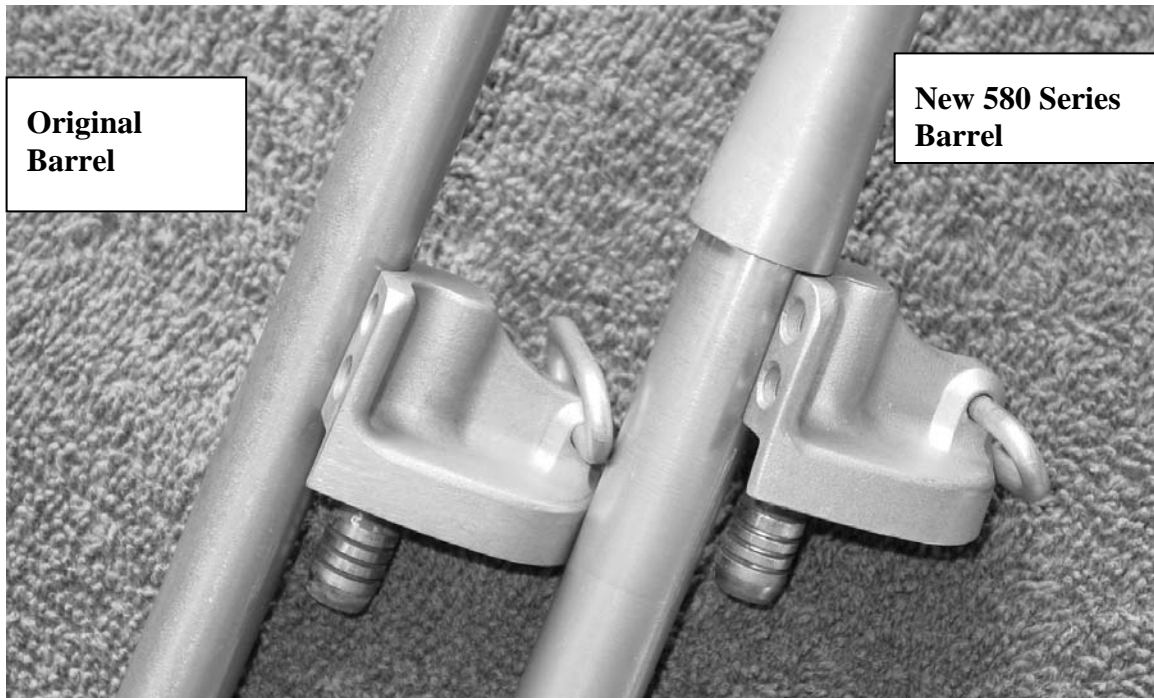
STEP #6 RE-ASSEMBLE THE RIFLE

- Replace the slide assembly, recoil spring and guide rod, stock, and trigger assembly.
- Pull the slide assembly to the rear and let it return SLOWLY forward. Check for any binding or contact that interferes with the proper operation of the rifle.
- Properly installed, the *Mini-Scout-Mount*[™] does not impede or alter the operation of the rifle in any way.
- We recommend you go to the range to function test your rifle after installation and re-confirm your sight zero.

TIPS & TROUBLE SHOOTING

- DO NOT attempt to modify the *Mini-Scout-Mount*[™] or you will void your warranty
- Rugers® are consistently well made rifles. Because of the larger size of the new “flanged” barrels, there is a larger gap between the upper and lower halves of the gas block assembly. Consequently, there will be a larger gap between the mount body and the lower half of the gas block. Make sure this gap is even on both sides of the barrel.
- If your barrel is loose in the *Mount Body* with the lower gas block attached, and/or the clamp will not go into place around the barrel, you have the wrong model for your rifle.

Check the ID Photos to identify your Mini-14 as an ORIGINAL (pre-580 series) model or the New Flanged Barrel mode (580 series and up).



- If your barrel will not drop into the *Mount Body*, do not force it into place. If you have installed a custom heavy barrel on your Mini-14, our mount will NOT fit.
- If your Mini-14 has a sling swivel on the *SIDE* of the lower gas block, it is (or was) an original GB-Side Folder (see photo below) and you need our GB-Side Folder model.



GB-Side Folder Gas Block & Swivel

Standard gas block & swivel


- If the slide assembly will not go over the gas piston, loosen the gas block screws till it will, then re-tighten the screws evenly with the slide forward. This should correctly align the lower gas block so the slide assembly mates up correctly with the gas piston.

- If you lose that little gas port bushing, DO NOT assemble the rifle and attempt to operate it. Call us or contact Ruger® about getting another gas port bushing.
- Do NOT remove the *Mini-Scout-Mount*™ for normal cleaning, as this is not necessary. Just flush with a mild solvent and blow off with compressed air.
- Once your *Mini-Scout-Mount*™ is installed, you can still use a traditional rifle scope mounted on the receiver. Just use scope rings high enough so your scope will clear the *Mount Body*.
- Be aware that mounting a scout scope (intermediate eye relief) or a red dot sight too close to the ejection port will contribute to oil and powder fouling of your optics.
- We recommend the use of “Pistol” scopes, mounted in the lowest rings that will fit the scope on the mount. These offer many advantages, such as longer eye relief, better balance, etc. Lower power scopes are much more compact than variables models.
- Red-dot sights can be mounted anywhere along the Picatinny rail to suit the shooter’s preference, but usually work best at about the middle of the *Mount Body* where they are not likely to be fouled and offer a good balance of rapid target acquisition and peripheral vision.
- Our *Tactical Light Mount Kits* provides a convenient mounting surface for tactical flashlights, IR illuminators, and even an additional laser sight or red-dot sight. Larger flashlights can be mounted with quick-detachable 30mm scope rings. There are three different styles of *Tactical Light Mount Kit* to choose from.
- LUBRICATION is important to proper functioning. See the Ruger® instruction manual for the proper lubrication points.

Go to our website to get the details on the other models of *Mini-Scout-Mount*™ that we make (M1-Garand, M1-Carbine, M1A-M14, Remington 870, Ruger® 10/22 Carbine, etc.), *Tactical Light Mount Kits*, and other accessories.

Please feel free to email us photos of your firearm with our products installed, and hunting successes you have had with them for our website Photo Gallery.

Thanks for your interest in  MEGA MOUNTS!

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