

# Mini-Scout-Mount™ Installation Instructions

## For RUGER® Mini-30™

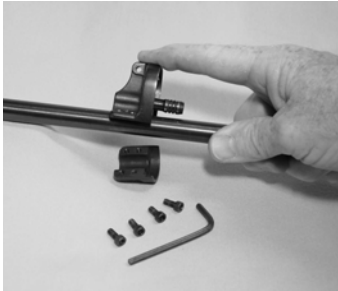
STEP #1. \*\*\*\*BE **POSITIVE** THAT YOUR RIFLE IS **NOT LOADED**!!!!\*\*\*\*

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.



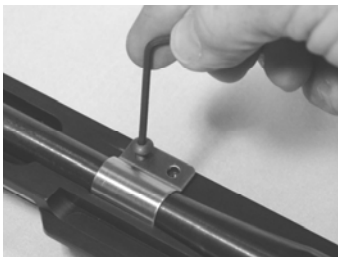
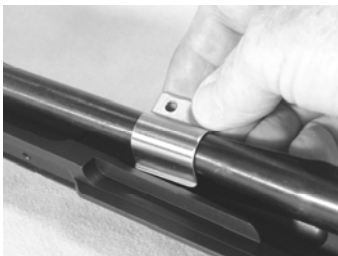
### STEP #2 REMOVING THE UPPER SECTION OF THE GAS BLOCK ASSEMBLY

- START with the Mini-14™ field stripped in accordance with the RUGER® Owners Instruction Manual. The bolt does not need to be removed for this installation.
- 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.
- Inspect the gas block screws. If they were staked on the ends, remove the burr with a small file or sand paper.
- **DO NOT LOSE** the little Gas Bushing that fits between the rifle barrel and the Lower Gas Block Section. Set the top Section aside, but keep the screws handy because they are needed to attach the *Mount Body* .



### STEP #3 POSITION THE BARREL CLAMP

- Place the *Barrel Clamp* over the rifle barrel with the flange side (with the two holes in it) aligned with the corresponding holes in the *Mount Body*.
- Slide the *Mount Body* under the barrel and insert the hook of the *Barrel Clamp* into the recess on the under side of the *Mount Body*, directly across from the two threaded screw holes.
- Pull the *Mount Body* and *Barrel Clamp* together around the rifle barrel.
- Align the holes in the flange of the *Barrel Clamp* to the threaded holes in the *Mount Body*, similar to how a Weaver® scope ring is assembled.
- Start the two button-head hex screws (provided) into the threaded holes in the *Mount Body* using the small hex wrench (provided). DO NOT SNUG these two 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.
- Slide 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.



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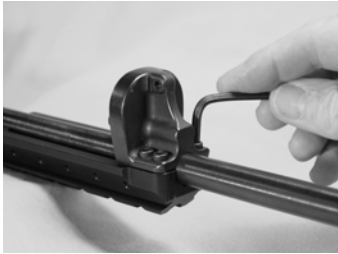
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623-748-9011

# *Mini-Scout-Mount*™ Installation Instructions

## For RUGER® Mini-30™



- **START** the four gas block screws into the threaded holes, but **DO NOT** SNUG them down yet. Evenly tighten them with the larger hex wrench by taking two turns on each screw in rotation until the gap between the Lower Gas Block Assembly and *Mount Body* is nearly closed. **DO NOT FORCE THESE SCREWS!** The Lower Section of the Gas Block and the Mount Body should match closely **BEFORE** the screws are tightened. If they are not in the proper position, disassemble and repeat the previous steps.



### **STEP #5 CHECK GAS BLOCK/ MOUNT BODY FIT.**

- When properly positioned and secured, the small gap between the Lower Section of the Gas Block and the *Mount Body* will be even on all sides.
- If the alignment is correct, snug down the screws with the large hex wrench using an “X” tightening pattern again.



### **STEP #6 CHECK BARREL CLAMP/ MOUNT BODY FIT**

- Evenly snug down the screws with the Small hex wrench. When properly positioned, there will be a very small, even gap between the flange of the *Barrel Clamp* and the *Mount Body*.

### **STEP #7 RE-ASSEMBLE THE RIFLE**

- Replace the slide assembly (aka: the operating rod), 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 Mini-14™ in any way.
- We recommend you go to the range to function test your Mini-14/30™ and re-confirm your sight zero.

## **TIPS & TROUBLE SHOOTING**

- On some rifles, the slide assembly (aka: the operating rod) will contact the edge of the barrel clamp. This usually has no effect on the function of the rifle and will “break in” after a few shots. Apply a dab of grease on the front edge of the clamp to help. If the slide assembly still binds on the barrel clamp after about ten shots, disassemble the *Mini-Scout-Mount*™, then file, sand, or grind off a small amount of the barrel clamp where the contact is occurring. Reassemble per the instructions and try again. If you still have trouble with binding, contact us.
- 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 about getting another gas port bushing. The same thing goes if you lose or break one of the gas block screws.
- LUBRICATION is important to proper functioning. See the Ruger® instruction manual for the proper lubrication points.
- Our *Tactical Light Mount Kit* provides a convenient mounting surface for the M3 tactical flashlight (Glock rail), IR illuminators, and even an additional laser sight or holo-sight.
- Large flashlights can be mounted more securely by using two *Tactical Light Mount Kits* placed end-to-end on the same side of the *Mini-Scout-Mount*™. Quick-detachable 30mm scope rings work real well on the Stinger™ type flashlights with the large turbo heads.
- Rugers® are consistently well made rifles. If your barrel will not drop into the Mount Body, do not force it into place or attempt to modify the rifle or the *Mini-Scout-Mount*™. Call us at 623-748-9011 for assistance.

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

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