

# Redfield

GUN SIGHT CO.

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SCOPES · MOUNTS · SIGHTS

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## INSTRUCTIONS FOR ATTACHING REDFIELD SR (2-PIECE) STEEL MOUNT BASES NOW WITH INTEGRAL FOLDING PEEP\*

### IMPORTANT

Poor installation of both mount and scope is the largest single source of trouble for hunters. Due to poor mount and scope installation, well-planned, very expensive and time-consuming hunting trips are wasted insofar as obtaining the game the hunter was after. Solid and tight installation is therefore important. All work on scope mounting, boresighting and collimating should be done with the gun held solidly in a good barrel vise.

Redfield mount bases are precision crafted of the finest tool steel, each base is contoured to quality standard of the industry. **THESE ARE BASES GUNSMITHS RECOMMEND!**

### INSTALLING MOUNT BASE ON RIFLES FACTORY DRILLED AND TAPPED

Care should be taken to see that mount and rifle receiver are free of oil at contact points.

Place rifle in vise and level horizontally and vertically. Most current rifles are factory drilled and tapped to accommodate Redfield bases. Remove four (4) "filler" screws from receiver and attach front and rear base with attaching screws packed with mount base. We recommend either "Loc-Tite" or shellac be used on attaching screw threads in order to "freeze" them in rifle receiver. Tighten attaching screws firmly with screw driver that fits entire width of screw head. By tapping the handle end of your screw-driver lightly as you make the final tightening, you will get firmer set.

### INSTALLING MOUNT BASES ON RIFLES NOT DRILLED AND TAPPED FIT AND ATTACH THE FRONT BASE FIRST

Follow above instructions for leveling rifle in vise. Most rifles drill and tap quite readily if sufficient pressure is put on drill. Clean contact points on mount base and receiver free of oil. Push front base forward so recoil shoulder is tight against rear of barrel ring, level base in relation to rifle and mark position of screw holes. Center-punch deeply and drill and tap front screw hole, screw down base and check with level.

After the front base has been satisfactorily leveled both ways, with attaching screws pulled up tight, locate rear base to level as near as possible in relation to front base and proceed to center punch deeply and drill and tap remaining two screw holes.

Tap should be well lubricated and turned slowly, only part turn at a time, backing up often to allow lubricant to reach cutting edge. Receivers of some rifles are hard and will be difficult to drill. In such cases, rifle manufacturers recommend "spot" annealing. This should be done by a competent gunsmith familiar with the torch and its uses.

### IMPORTANT

OCCASIONALLY A RIFLE IS FOUND WHERE THE RECEIVER RING IS NOT LEVEL OR IN TRUE PARALLEL TO THE BORE. In such cases it is necessary to place small shims under the mount base to level it properly, or to scrape the underside of the base to conform to the receiver.

Attach front ring to mount base by turning male dovetail of ring into female dovetail of base. Remove right rear windage screw on mount base to affix rear ring. **MAKE SURE BEFORE TIGHTENING THAT COUNTER-BORE IN BOTTOM OF REAR RING LINES UP WITH COUNTER-BORE IN WINDAGE SCREWS.**

Before removing top halves of split rings, mark the ends of ring ears, so that when you remove the top half by screwing out ring screws, you will later be able to replace exactly the way they came off. **DO NOT SWITCH TOP HALVES OF RINGS FROM ONE RING TO THE OTHER.**

Place scope in bottom halves of rings, checking reticle square. The "horizontal" cross-hair should be truly horizontal.

Adjust scope for proper eye relief. When in doubt, mount scope FORWARD. Replace top halves of rings, tightening ring screws firmly and evenly so that the space between upper and lower halves of rings is equal on each side of scope.

### ADJUSTING SR MOUNT

Most reticles are centered in scope at factory. Make coarse windage adjustment with the windage screws in rear of SR base. One complete turn of screws will move bullet impact about 20" at 100 yards, one-half turn 10", etc. If rifle shoots to left, back off right-hand windage screw and take up on left screw. A coin, key, iron washer, fifty cent piece or light screwdriver may be used on SR mount windage screws. After coarse windage adjustment is accomplished, fine adjustment can be made with the internal adjustment of scope.

### FOLDING PEEP

TO REMOVE SCOPE AND RINGS FROM MOUNT BASE TO CONVERT TO INTEGRAL FOLDING PEEP SIGHT: THE RIGHTHAND WINDAGE SCREW ONLY SHOULD BE REMOVED WHEN REMOVING SCOPE AND RINGS FROM SR BASE. The lefthand screw is tight, will stay set, and thus permit you to return to same zero when replacing scope and rings on mount.

### HOW TO USE FOLDING PEEP SIGHT

After scope is removed, flip up "Folding Peep" and you have immediate, dependable metallic sight. IN SOME CASES IT IS NECESSARY TO INSTALL HIGHER FRONT SIGHT TO CONFORM TO FOLDING PEEP. But DO zero your Folding Peep — it may get you that lifetime trophy in some adverse ("non-scope") weather condition!

### ELEVATION ADJUSTMENT

Loosen left and right elevation-lock screws and move entire sight up or down, after desired elevation setting is obtained, re-tighten screws. WINDAGE ADJUSTMENT: Loosen middle windage lock screw (located directly under Peep), move adjustment left or right, after proper windage setting is obtained, re-tighten screw.

WHEN REPLACING SCOPE BACK IN POSITION, BE SURE PEEP IS FOLDED DOWN OUT OF WAY.

\*DUE TO SOME RIFLE AND BASE DESIGNS, IT IS NOT POSSIBLE TO INSTALL THE FOLDING PEEP.

Do you know about other Redfield products: Scopes, Mounts, and Metallic Hunting and Target Sights? Send for free folder.

Thanks for being a Redfield customer. Good Luck and Good Hunting!