

INSTRUCTIONS FOR INSTALLATION OF BROWNING SCOPE MOUNT

Installing Telescope in Mount

Place the split rings on the mount base. Use a round wooden dowel or similar nonmetallic object to turn the front ring into the dovetail at the front of the base. A drop of oil will help since this is and should be a tight fit. Remove the right rear horizontal adjustment screw and insert the rear split ring in place. Insert the right rear horizontal adjustment screw and tighten to securely hold the rear split ring. Next make a diagonal mark with a pencil across the ring joint of both rings. This is to enable you to replace the top halves of the rings in exactly the same positions after the scope has been properly positioned. Remove the top halves of the rings and place the scope in the lower halves. Be careful that the horizontal cross hair is truly horizontal. Replace and tighten the top halves of the rings. When doing so, alternate from one side to the other when tightening the screws so that the take-up is even on both sides of the scope.

Installing Mount on Rifle

When installing the mount base it is more convenient, although not essential, to place the rifle in a padded vise. Remove the scope and rings from the base by removing the right rear horizontal adjustment screw and swinging the rear of the scope to the right until the dovetail releases from the front dovetail slot. Remove the filler screws from the rifle receiver and attach the Browning base with the screws that are provided. Tighten these screws firmly. During final tightening gently tap the top of the screw driver handle while held against the screw head, then give the screw another turn. Repeat this process again in order to insure a secure installation.

Adjusting the Browning Scope Mount

The two large screws in the rear of the mount base allow coarse horizontal adjustments to be made in the scope mount. Be sure that the internal horizontal adjustment of the scope you intend to use is centered. This is normally the case when a scope is received from the dealer but can usually be checked or recentered by following the instruc-

tions of its maker. Then proceed to make coarse horizontal adjustments using the mount base adjusting screws. This is easily done on a bolt action type rifle by bore sighting.^① Other methods of coarse alignment are also possible with certain types of equipment and some may prefer to make initial correction by firing a few shots at close range. If the latter procedure is the one preferred, it will be well to bear in mind that one complete turn of the mount base horizontal adjustment screws will move the point of bullet impact 28 inches at 100 yards, which is about 7 inches at 25 yards. One-half turn will move point of impact about 3½ inches at 25 yards, etc. If the rifle is shooting to the left, back off the right-hand screw and take up on the left-hand screw; if shooting to the right, reverse this procedure. A simple rule to remember is that you always move the rear of the scope in the direction you wish to move point of bullet impact. Use a coin or similar item in preference to a screw driver for this procedure to avoid unnecessary pressure on these screws. After this coarse adjustment has been accomplished, fine correction, both horizontal and vertical, should then be made with the scope's internal reticle adjusting system.

The right-hand horizontal adjustment screw is the only one which should be removed when removing the scope from the base. The left-hand screw fits tight and should not be turned after the coarse horizontal corrections have been made. The left-hand screw will stay set thereby insuring that the scope repositions to zero when placed back on the rifle.

Both the Browning rings and base which comprise this mount are made of fine steel durably blued and polished. They insure true scope alignment even under severe conditions.

① *Bore Sighting*

To bore sight your rifle, place it in a padded vise or into notches cut in both ends of a wooden box. Be sure that the rifle is not canted to left or right. With the bolt removed, sight through the barrel at a pre-selected target on a vertical edge or line 15 or 20 feet away. A convenient arrangement is to tape a penny on the vertical edge of a door in your home. Then center the vertical post or cross hair on this target using the mount's horizontal adjustment system. If the vertical cross hair or post does not line up perfectly with the vertical line of your selected target, merely loosen the split rings, rotate the scope slightly until alignment is true, and retighten the rings.

You can then center the horizontal cross hair of your scope on the spot at which the barrel is aimed in order to complete the bore sighting procedure. The scope's internal vertical adjustments are used to accomplish this.

Bore sighting to this extent is adequate for mount alignment only. Further corrections can then be made using the scope's internal adjustment mechanism when zeroing the rifle through actual firing, preferably first at 25 yards, then at the range you have selected.