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Due to the overwhelming volume of e-mails we are receiving regarding the N-100 & N-100G Peep Sights for Ruger Rifles, we would like to ask that you first read this instruction sheet. Should you still have questions, feel free to call us at (603)287-4836.

## **NECG Peep Sight for Ruger Rifles Instruction Sheet**

Thank you for your interest in the NECG Peep Sights for Ruger Rifles.

These sights are made in the USA of solid steel and were designed to be used on the Ruger Model #1 and Model #77 centerfire rifles utilizing their factory supplied front sight beads. The peep sight will also attach to any Ruger firearm with integral scope bases. Due to variations in the guns themselves, we have no way of knowing if your existing front sight bead will work or whether you will have to change to a different height bead. Only shooting will tell. We also offer a red fiber optic or white bead front sights for these models.

If your Ruger (96/22,77/22, etc) is equipped with a small front sight band that uses a standard American 3/8" dovetail sight bead, you can contact your local gunsmith or Brownells at 800-741-0015 to purchase a replacement bead of a different height. Owners of the Mini 14/30 Ranch rifles, 77/50 or PC9 and PC4 will have to try a peep to find out if their individual guns front sight will work. Should you find that it does not, you may return the peep sight for a full refund.

Should your gun not have a front sight on it, we would recommend that you have a gunsmith measure the total height needed with the Ruger peep installed. Once this height has been determined, a proper front sight can be chosen.

**N-100 Aperture Sight:** While our peep sights for the Ruger rifles does not have "click" style adjustments, it is however fully adjustable for windage and elevation. The sight, in its lowest setting, sits .350" over the top of the scope base and has .200" of elevation adjustment and .075" of windage adjustment.

**TO ADJUST THE ELEVATION:** First loosen the aperture disc and turn the adjustment screw located on top of the sight body **CLOCKWISE** to **LOWER** the point of impact and **COUNTER CLOCKWISE** to raise the point of impact. 1 full turn of the screw = .020" of adjustment and ½ turn = .010" or each graduation = .0025" of adjustment.

**TO ADJUST THE WINDAGE:** First loosen the locking screw found in front of the right clamp. To move the point of impact to the **RIGHT**, loosen the large knurled knob on the left side of the sight and tighten the small knurled knob on the right. To move the point of impact to the **LEFT**, loosen the small knurled knob on the right and tighten the large knurled knob on the left. 1 full turn of the knob = .032" and ½ turn = .016" and ¼ turn = .008" of adjustment.

Once you have adjusted the small screw on the front of the right clamp you can now loosen the large knurled knob on the left and remove the sight from the gun. To reinstall the sight, simply reattach the sight to the base and tighten the left knob. The sight will retain its zero setting. Our sight uses an aperture with a 7/32" – 40 thread and a shank length of 5/16". Each sight includes one .093" and one .125" aperture.

**N-100G Ghost Ring Sight:** To attach the sight, first position the sight on the rear bridge. Align the recoil lug with the notch found on the Ruger rear scope base, then hand tighten the knurled knob on the right side. The minimum overall height is .375" from the top of the scope base to the center of the ghost ring aperture. There is @ .100" of elevation adjustment available for a maximum height of .475".

**To adjust elevation:** First, loosen the small set screw on the back of the sight body, next to NECG logo, by two or three turns with the enclosed wrench. To **raise** the point of impact, turn the aperture in a **counterclockwise** direction. To **lower** the point of impact, turn the aperture **clockwise**. Please note that each half turn equals one inch of correction at 100 yards based on a 25" barrel. Tighten the set screw to lock the aperture stem.

**To adjust windage:** Loosen the small set screw on the front end of the right clamp by two or three turns with the enclosed wrench. (**Do not** loosen the set screw in the middle of the sight body) To move the point of impact to the **left**, loosen the right knurled knob and tighten the left knob. To move the point of impact to the **right**, loosen the left knurled knob and tighten the right knob. Tighten knobs with a coin after last adjustment and then tighten the set screw on right clamp. Peep sight will return to zero. **Do not over-tighten!**