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Adjusting the Front Sight of the Mosin-Nagant

FRONT SIGHT ELEVATION

In **figure 1** (you can see three barrel side views-complete with front and rear sights), **barrel 3** shows what happens to the bullet path when the front sight is raised. If you want to raise your point of impact of the fired round - then lower the front post.

In **figure 1**, **barrel 2** shows what happens to the bullet path when the front sight is lowered.

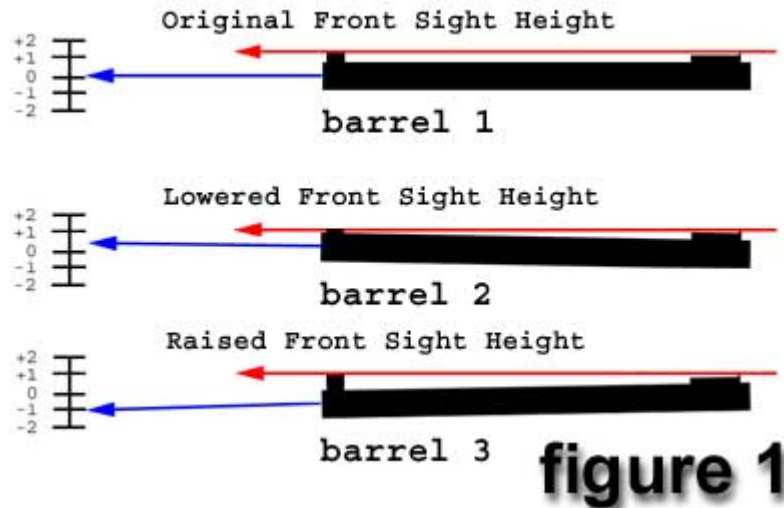


figure 1

FRONT SIGHT WINDAGE

Remember move the front sight's windage in the opposite direction you want the desired point of impact to



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be on the target. This means - If I needed the point of impact to move further right - I would move the front sight to the left.

Figure 2 below shows a view of (top of the barrel including both front and rear sights) what happens to the bullet path when you move the front sight post to the left or to the right.

Barrel 2 shows that when you move the front sight post to the left, the bullet path moves to the right.

Barrel 3 shows that when you move the front sight post to the right, the bullet path moves to the left.

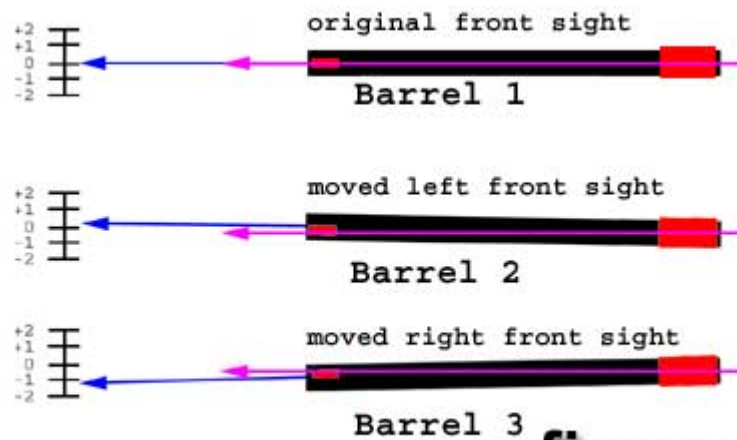


figure 2

Figure 3 shows the sight picture of each barrel in both figures 1 and 2.

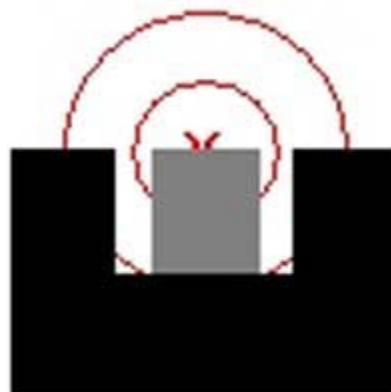


figure 3



On the Mosin-Nagant rifles and carbines you can take the tried and true method of using a hammer and punch to slide the front sight back and forth.



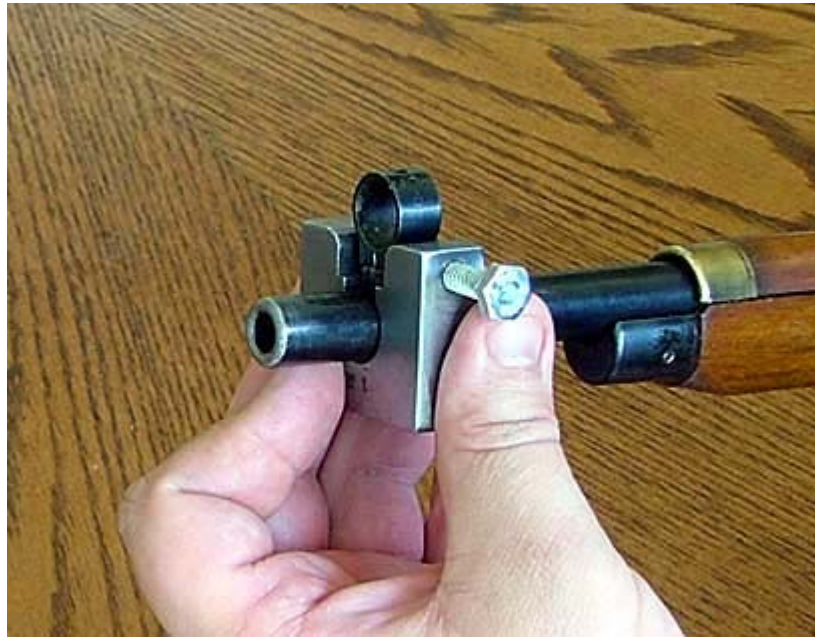
I learned the trick from a gentleman at the range to use a lead alloy ingot to place under the front sight makes it easier to move the front sight.



Stan Ward makes the LT 1 Mosin Nagant Front Sight Adjustment Tool for the 1891/30 rifle (*pictured above*). It is a very high quality made tool designed specifically for adjusting the 1891/30 rifle's front sight, very easily without the need for a hammer or punch. These are available for \$16 plus, \$1.50 postage each by contacting Stan at stanward@charter.net. Stan's tool will last a lifetime and is a very good tool investment.

Note: The LT 1 will not work with Mosin m44 carbine as the sight base is much larger than the 1891/30.





To use the LT 1, first remove the cleaning rod. Place the LT 1 over the barrel and around the front sight (as shown above) with the adjustment screw pointing in the direction you wish to move the front sight.



I used a crescent wrench to tighten the adjustment screw a small amount at a time until I had reached the desired windage adjustment.



The LT 1 works from either direction. Also, don't fret if you move it to far in one direction as you can just reverse the tool and move it back.

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