

Congratulations!

You now own the finest sighting system available for your military surplus rifle. Mojo sights have a well-deserved reputation as an effective, rugged and low-cost solution to the common problem with your otherwise fine battle rifle--poor sights. With our MicroClick™ (Patent Pending) sight, your one-time expenditure of a few dollars more can turn your classic battle rifle into a trophy-bagging competitor.

Thanks for buying Mojo! If you need any help or want to offer a suggestion, we're always available at (208) 255-5276.

Installing the rear sight:

First, make sure the rifle is unloaded! Best thing is to remove the bolt. Sights on Mauser 98's, VZ58, AK47 variants and SKS carbines are "latched" in position by a pair of protruding lugs like you see on your Mojo replacement sight. In many cases, these sights also have a small-diameter retention pin which fits through these lugs.

To remove a Mauser 98, AK, SKS, or VZ58 sight, first tap the small retention pin (if present) out of the sight pivot, using an appropriately sized punch. If you don't have a punch, one can be fashioned from a finishing nail or an old drill bit. Remove the original sight by pressing down on it between the "pivot ears" of the sight base and simultaneously pulling the blade to the rear. It should pop out. A wooden dowel or block of wood may help with this. Be careful the rifle doesn't roll during this maneuver, particularly if it's on your lap.

Install the Mojo T38, G98, SKM, AKM, AKMC or VZM sight by pressing its snout down and forward into the recess between the ears. The mounting lugs will snap into place when properly positioned. It is not necessary to reinstall the retention pin. Due to the combative nature of the sight springs on the SKM, AKM and VZM, we have placed a detent with a thru hole on the top to assist in installation. For easiest installation use one of these methods. **1.** Use a small punch in the thru hole to depress the spring and slide the sight into place. **2.** Sharpen one end of a hardwood dowel at least ½" in diameter. Place the sharpened end in this detent and use it to press the sight leaf down and forward while the rifle is held firmly in a padded vise or secured by an assistant. Check that the ends of the lugs are aligned concentrically with the holes in the pivot ears! Do not remove the spring or any other parts!

Sights on Mosin Nagant, Finnish Nagant, SMLE, Schmidt Rubin, Spanish Mauser 3rd Pattern and Swedish Mausers are retained by a simple pivot pin which can be tapped out using an appropriately sized punch. Once the pin is out, measure it to make sure that it will fit into the new Mojo sight. If not, sand it to fit the new hole.

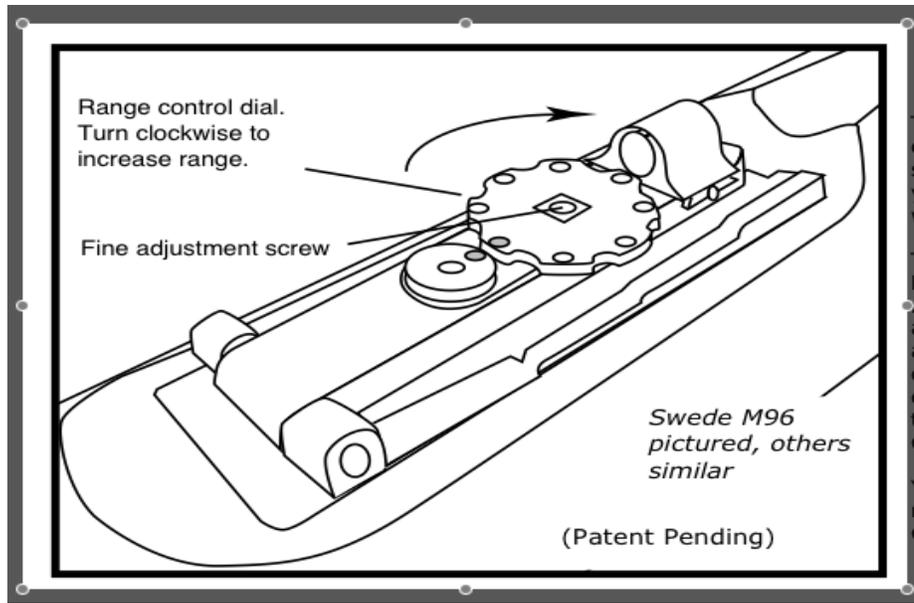
Install the Mojo S96, S38, SMLE, MN, FN or MK31 by positioning the sight in the sight base and aligning the pivot hole with those in the sight base. A punch can be used to help with alignment. Press down on the sight leaf and carefully reinsert the pivot pin by lightly tapping it until it is fully installed through the sight leaf and sight base pivot holes.

Adjusting your MicroClick™ sight:

To sight in your rifle, first turn the range control dial fully counterclockwise until the red dots line up. Now, using the supplied hex key, adjust the fine adjustment screw until you are zeroed at your shortest desired range. Hold the dial while turning the screw.

The range control dial on your MicroClick™ sight will raise or lower the theoretical point of impact approximately .75 minute of angle per click. This translates to about ¾ inch at 100 yards. This will vary slightly with sight radius, load and other factors. The dial is marked with a detent every 5 clicks for your convenience. We recommend that you consult appropriate ballistics tables or use experimentation to determine your load's characteristics, and then mark these detents with paint to denote particular ranges.

Your Mojo MicroClick™ sight is the finest sight available for military surplus rifles. Keep it clean with a soft cloth. We do not recommend using oil as this will attract dust.



Adjusting your new sight:

Elevation adjustments to original Mojo sights are made using the supplied hex wrench in the hex-drive screw in front or rear of the aperture block. A full turn of the screw should give approximately 4 inches movement at 100 yards. Turn clockwise to raise point of impact, counterclockwise to lower. Windage adjustments on all Mojo rear sights are made by turning the screw under the aperture block. This will move the block laterally. One full turn will move the POI about 3 1/2 inches. Turn clockwise to move POI to the left. We advise against disassembling the aperture block or other parts from the sight leaf.

Installing your SnapSight front sight:

The male dovetail on Mojo SnapSights front sights is machined slightly oversize to accommodate manufacturing tolerances on the original sights. Thus, it will probably be necessary to remove some material from one side of the dovetail to achieve a proper fit. We recommend using a small file for for this work. Also be aware that this work involves repetitive trial fitting and thus will require a degree of patience. It should not be attempted by those with an intolerance for detailed work. We believe that most milsurpers can handle the work involved, but if there's doubt, the job should be entrusted to a competent friend or gunsmith. We cannot be held responsible for damage or failure caused by ineptness or inability to follow directions.

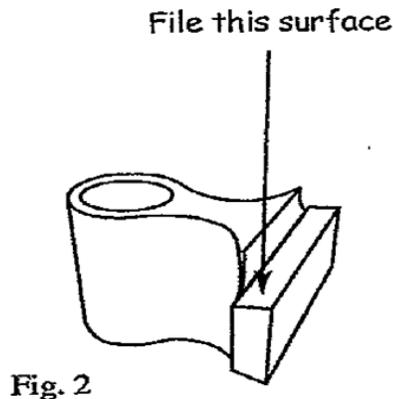
1. First and foremost be absolutely certain the rifle is unloaded!!!

2. Secure the barrel in a padded gun vise or equivalent. This will usually be easier if the barreled action is removed from the stock.

3. Examine the existing sight carefully to be sure your new Mojo sight is compatible with the sight base. Clean the front sight thoroughly with a brush first and use a magnifier if possible.

4. Drive the existing sight out of the sight base dovetail using a brass or aluminum punch or small rod and a hammer. Drive against the end of the male dovetail only, not the sight blade! Note that in some cases the female dovetail may be slightly larger on one side. It's usually not possible to see this, but if you meet with heavy resistance, try driving from the other side. If the sight still won't move, try soaking it overnight in penetrating oil.

5. Once the front sight has been removed, inspect the female dovetail in the sight base. Use a brush or steel wool to remove rust, dirt or scale.
6. Try fitting the sight in the dovetail. It should be slightly too large for the recess. If it is too small and slides in with no resistance, please stop and contact us immediately at help@mojosights.com or (208) 255-5276. All is not lost, and we can probably guide you to a successful job.
7. If, as will almost always be the case, the male sight dovetail is larger than the female dovetail in the sight base, you will need to begin reducing the male dovetail with the file. Do this carefully, following the existing angle on one side of the male dovetail as shown in Fig. 2. It will be easiest to do this if you clamp the sight to the bench using a C-clamp heavily wrapped with masking tape.



Mauser sight pictured, others similar

8. Keep removing metal and trying the sight after every few file strokes. You should only have to remove a few thousandths of an inch to achieve a proper fit. Once the leading end of the sight dovetail starts to enter the sight base recess, tap it lightly with the brass punch and hammer. What you want is a light to medium drive fit—if it feels like you need to beat it into place, there's more file work to do.
Remember--be patient! You'll get there.
9. Once you've got the right fit, tap the sight into the recess so it is centered on the sight base, looking from the front. Your matching Mojo rear sight is fully windage adjustable to correct for any misalignment.