



Learn how to - here at Surplus Rifle with a hands-on, "step by step" article on how to scope the Mauser Rifle.

Click on any of the small "Figure" images below to see a larger version of the image.

Note: 23 August 2003

Since I wrote this article two things have happened.

1) B-Square has released a mount made specifically for the Yugo m48 for around \$70+.

2) B-Square has raised the price of the mount used in this article to the \$70 range in price. If you shop around you can still find it for the price in this article - but I think this will change as supplies dwindle.



I have received many email requests related to removing a Yugo M-48 rear sight and installing a Scout Style Scope. I was just as curious - so I purchased a **B-Square Scope Mount/Rings** and a **Long Eye Relief Scope** (*pistol scope*). Total not including the rifle I paid around \$100 (including shipping) for both items.

My hope was to remove the original sight leaf and leaf spring, install the new base and scope without any modification to the rifle. This was not to be the case as I will explain later in the article. To remove the sight from a Mauser style rifle is actually pretty easy if you know what you are doing.



First before starting any firearm related project:
Make sure the rifle is unloaded and pointed in a safe direction. Per the directions supplied with the B-Square scope mount - **1)** At the front of the sight leaf there is a set of trunnions with a retaining pin through the middle. The sight pivots on the trunnions. Using a very small punch - drift out the retaining pin as shown in **figure 2**.



2) After the retaining pin is removed, the sight leaf still remains securely installed in the sight base. With the sight flat, apply a flat blade screwdriver to the front of the sight leaf as shown in **figure 3** and lightly tap it to the rear. The trunnions of the sight leaf sit in grooves, while the pressure of the leaf spring keeps the leaf in place. It may be necessary to push down on the front of the leaf while trying to remove it.



3) Once the trunnions are free remove the sight leaf and set it aside as shown in **figure 4**.

4) Remove the leaf spring from the sight base. I tried the suggested approach in the instructions with no luck. I ended up having to make sure the rifle was securely held while I used a pair of vise grips to pull forward on the spring as shown in **figure 5**.



5) Next came the somewhat disappointing part of the project. I found that the front portion of my **Yugo M-48's** hand guard prevented the B-Square mount front being mounted correctly.

The screws holes would not line up flush with the holes in the rifles sight base. ***I had a choice to make - do I modify the rifle or do I send the parts back and leave the rifle alone?***

I probably let the moment get the best of me - but I thought I had come to far and wanted to see this project through. I have more than one Yugo M-48, so I took a file and gently removed only the required

amount until the scope mount fit properly. Not bad - but would be noticeable if I decided to return the rifle back to almost original condition.

Then came the next shocker -

The screws would not fit without removing a little bit of wood on both sides of the handguard. *I had come this far and there was really no turning back.* I

removed just enough wood for the retaining screws to fit into the scope mount.



6) Once the mount was tightened down, there was some noticeable rocking motion back and forth in the mount. The folks at B-Square have thought this through and

provided little hex screws in the top of the base that when tightened, will close any gaps and apply enough pressure to keep the base from moving at all.



7) Install the lower half of the rings and tighten down.



8) Place the scope and the upper half of the rings in the lower half and then install the retaining screws and tighten down.



Figure 11 shows the assembled rifle ready to take to the range and sight in!

It looks sort of like a German 98k Sniper Rifle. Overall it was not a difficult project to complete. I don't really like modifying the rifle much, so I put a little oil on the front of the handguard where I removed the excess wood with a file and it really does not look that bad. I am now going to take the Yugo out to the range and will report back on how it shoots.

To read the range report, go to -

<http://www.surplusrifle.com/shooting/m48Scope/index.asp>

jlM ;)

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