

# **MGW Sight-Pro 2019 Edition Instructions**

**Note: Please watch our videos on YOUTUBE for detailed instructions on the usage and features of this tool ( search for MGWINC channel )**

**IMPORTANT- THIS TOOL IS ONLY TO BE USED IN CONJUNCTION WITH OUR MODEL SPECIFIC SLIDE RAIL SUPPORT SHOES ( MGWSP102-MGWSPXXX )**

Thank you for purchasing the number 1 sight tool on the market from MGW Armory. For 2019, we have made some design improvements to make the tool even better. Your tool may look a bit different than the pictures you see online, so to avoid confusion your 2019 edition will have the following features/description...

- COLOR- the tool is now type 3 military grade hardcoat anodized with a "NATURAL" finish. In other words it is NOT dyed black . This is done so that the surface can be as hard as possible and also not fade.

-HARDWARE SCREW MATERIAL/FINISH- several of the adjustment screws have been changed from mild stainless steel to a low carbon steel with black oxide finish. We have determined that a leaded cold roll steel is better suited as it does not have a tendency to gall when tightened. Also , the oiling process of the unit's main shaft can now be added to these screws to assure that they turn extremely easy to turn and protect the threads. The surface of the aluminum body is now EXTREMELY hard.

-SUPPORT TABS- One of the most frequent requests has been to bring back the INTEGRAL slide support tabs in the LOWER BODY. It is still recommended to put the WHITE plastic tabs between the tabs and the slide but since the tabs are now aluminum , they can be pressed against the slide surface. Make sure you inspect the surface finish each time you use the tool to make sure the surface of each tab is smooth and free of nicks or dings that can transfer to the slide if you opt NOT to use the protective white tabs . If the aluminum tabs do get damaged you may purchase replacement tabs directly at MGW 706-793-1770.

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When you open the SIGHT-PRO tool and unwrap it , you will notice that the tool is shipped without a CLAMP SHOE as they are sold individually for each family of pistols. Therefore , the shoe clamp knob will be packaged in a bag since it cannot stay on the tool without a shoe

The SIGHT-PRO tool has 2 major components: the UPPER MAIN BODY ( this is the part that has the logo on it and the pushing block ) and the lower SLIDE SUPPORT BRACKET ( this has the 4 black knobs and the 2 long stainless rods coming out of it.

By removing the 2 large BLACK knurled knobs off the top of the UPPER MAIN BODY , you can separate the 2 main components.

It is much easier to work with getting the slides mounted in the SLIDE SUPPORT BRACKET when it is removed from the UPPER MAIN BODY.

Also, you can actually clamp the SLIDE SUPPORT BRACKET in a bench vise on the 2 lower cuts to make working on sight adjustment and installation easier.

For most sight installations and adjustments follow this step by step to use the tool as it was designed. The following steps assume you have separated the upper and lower sections and installed the slide support pads and shoe.

**Step 1-** Make sure the pistol is unloaded and the chamber is cleared and remove the slide.

**Step 2-** Retrieve the proper slide rail support shoe and install it in the LOWER BODY. Leave the slide shoe clamp knob on the bottom of the SLIDE SUPPORT BRACKET loose enough to allow the clamp shoe to move in order to slide the pistol slide into the shoe rails.

For ALL REAR sight installations / removals / and adjustments , use the end **WITHOUT** the relief cutout on the SLIDE SUPPORT BRACKET . You will also use this end for most front sights as well. You should only use the relief side for slides that have a long **front** recoil spring shroud where it prohibits the slide from going back far enough to reach the front sight.

Push the pistol slide into the shoe until it sticks out the non cutout end of the SLIDE SUPPORT BRACKET about an inch. **Do NOT** clamp the slide in place yet as you will line up the sight perfectly underneath the actual pusher block in the UPPER MAIN BODY once you connect it.

**Step 3-** Slide the UPPER MAIN BODY down onto the SLIDE SUPPORT BRACKET until the white nylon pad touches the top of the slide. Turn the 2 BLACK knobs on the top of the UPPER MAIN BODY until they seat and then back off just a little so the slide can still move in the SLIDE SUPPORT BRACKET.

**Step 4-** Now position the rear sight directly under the pusher block in the UPPER MAIN BODY and tighten the shoe clamp knob on the bottom of the SLIDE SUPPORT BRACKET. Then you can lock down the 2 BLACK knobs on the UPPER MAIN BODY tightly .

***Obviously , use common sense when positioning the 2 halves down onto the slide. The pusher block must be positioned to clear the sight and straddle it to allow it to move the sight when you are ready. If it needs to be moved, simply turn the T-handle on the UPPER MAIN BODY to move the block in position.***

**NOTE:** The white nylon spacer block is designed to give you a .010-.015" gap between the bottom of the pusher block and the top of the slide so you do not ever actually rub the top of the slide. Please always check this by holding the tool up to the light and verifying that there indeed is a slight gap prior to clamping the 2 halves together. The pad will wear over years of use which is why there is an adjustment knob on the top of the UPPER MAIN BODY to extend the pad down farther when needed.

**VERY IMPORTANT!!!!** The spacer pad mentioned above is also adjustable due to the fact that **SOME** pistols are designed where the front sight dovetail is actually **RAISED** up a bit above the surface of the slide. In this case the pusher block may actually hit the slide with the pad in the default "SEATED" position. If you are working with a pistol slide like this , then simply turn the adjustment knob down until the pusher block clears the slide.

**Step 5-** Once the slide is clamped in place, you will want to take the slide support tabs and position them on each side of the slide. The preferred method is to place the 2 long WHITE PLASTIC tabs between the black side tabs and your slide. ( we also provide 4 short WHITE PLASTIC tabs in case your slide has external features such as safeties that will not allow the long tabs to lay flat ) The plastic pads are designed to wear and be replaced from time to time. Refill kits are available from MGW. **JUST SNUG THEM UP DO NOT TURN THEM TOO TIGHTLY!!**

**Step 6-** Now you are ready to remove , adjust, or install the rear sight. If you are installing a new rear sight always make sure that the sight is the proper size. Trying to install a grossly oversized sight can damage the tool, the slide, the sight or all of them!!! It is a good idea to push the rear sight in from either side as well to see which side it goes in the farthest . This will determine if the sight of the slide has a built in "LEAD-IN" in the dovetail. Always go the direction that it goes in the most .

**NEVER - NEVER - NEVER** attach ANY type of CHEATER pipe or artificial extension onto the T-HANDLE of the tool to attempt to remove a stubborn factory rear sight. Some manufacturers utilize a hydraulic arbor press to install the rear sights at the factory. This tool was not designed to remove these sights and you will risk breaking either the slide or tool if you attempt to **FORCE** the sight out. If it will not move with your hand strength then you will have to tap the sight out with a hammer and punch!!!

**MGW will NOT warranty ANY tool returned with signs of abuse like this!!!**

Follow the same steps above for the front sight.

## SWAPPING OUT THE PUSHER BLOCKS....

The SIGHT-PRO tool comes with a straight 90 degree block and a 30 degree angled block. To swap them out ( as well as other optional blocks available from MGW ) ,follow the instructions below ,or better yet watch the detailed video on block replacement on our youtube channel MGWINC

-The stainless smooth shaft opposite of the t-handle threaded side has a 1/4" to accept the provide allen wrench. The shaft is LEFT HAND THREADED into the t-handle half !!!!!

AGAIN THE SMOOTH SHAFT IS LEFT HAND THREADED INTO THE T-HANDLE SHAFT!!!!!! TURN CLOCKWISE TO REMOVE!!

-Once you have the smooth shaft removed you can swap out the blocks. It is VERY important that you look carefully at the 2 bronze bearing washers as they are NOT the same. One washer has a bevel on the INSIDE of only one side . This washer must go on the smooth shaft first with the beveled side first to seat against the shoulder. The video on our youtube channel shows this in detail. If you mess this up , the unit will lock up when you try to tighten everything back up.

**IF YOU HAVE ANY QUESTIONS PLEASE CALL US DIRECT AT 706-793-1770.**