

INSTALLATION INSTRUCTIONS – HANDGUNS

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS BEFORE INSTALLATION AND/OR USE!

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All firearms are classified as danger weapons. Injury or death may result from unsafe or improper use. Before installing or adjusting your Advantage Tactical Sight or shooting any firearm, understand and be mindful of responsible firearm ownership and usage. If do not have a firearm manual, one can be obtained from the firearm manufacturer. It is recommended that you seek the assistance of a reputable gunsmith for the installation of this sight. WrenTech Industries, LLC or its owners or agents will not be held responsible for the result of unauthorized repairs and/or adjustments, faulty installation or careless, unreasonable, unsafe firearms use, or personal or property damage of any kind.

PLEASE REFER TO THE NRA WEBSITE FOR A COMPREHENSIVE REVIEW OF FIREARMS SAFETY: <http://www.mynra.com/>

- Always treat a firearm as if it were loaded
- Be sure your firearm is unloaded before making adjustments or installation
- Never take anyone's word that a firearm is unloaded
- When a firearm is handed to you, always check that it is unloaded
- Always keep the muzzle pointed in a safe direction
- Never point a firearm at an unintended target
- Never put your hand over the muzzle of a firearm
- Always keep your finger(s) off the trigger and outside the trigger guard until aiming at your target and ready to shoot
- Do not drop your firearm. Unload any dropped firearm and have a qualified gunsmith examine it for damage and proper mechanical functioning
- Before shooting, make sure of your target and backdrop

- Always keep your firearm unloaded until you intend to shoot
- Firearms, alcohol, drugs, and certain medications do not mix. Vision, coordination, and judgment may be impaired. Seek your doctor's advice about shooting when taking any medication
- Always wear protective eyewear when shooting
- Always wear hearing protection when shooting

Parts: rear sight; rear sight nut and set-screw (installed); yellow rear sight insert (installed); front sight base, red front sight, front sight set screw (installed); green, white, orange, red rear sight inserts; and green, white, orange, yellow front sights; elevation shims 4 to 6, depending on firearm; Glock front sight tool.

Required tools: 3/32 hex key; 3/16 punch; small hammer; Blue lockite #242 (optional)

SIGHT INSTALLATION INSTRUCTIONS: Sight installation by a professional gunsmith is preferred and recommended. Should you opt to install the sight yourself, PLEASE OPEN AND LEAVE OPEN ALL ACTIONS DURING THE INSTALLATION PROCESS.

TO INSTALL THE ATS REAR SIGHT ON ALL FIREARMS: MAKE SURE YOUR FIREARM IS UNLOADED. Follow the manufacturer's manual to remove the slide from the frame of the pistol. Remove the pistol's current front and rear sights. Loosen the screw on the front of the rear sight, almost to the point of extraction. Drift the rear sight into the rear sight dovetail from the right to left (as viewed from the rear of the slide). The ATS rear sight was manufactured for an easy fit, though a minimal amount of tapping on the rear sight with a wooden or plastic (please, no metal hammers) mallet may be necessary to center the rear sight in the dovetail. The rear sight tension screw will always secure the rear sight when properly tightened, regardless of ease of rear sight fit. With the rear sight centered in the dovetail, tighten the set-screw until it is snug, then give it a little extra torque. Do not over torque any of our set-screws. Windage adjustment is accomplished by loosening the set-screw and drifting the rear sight to the right, to move bullet impact to the right; or left, to move bullet impact to the left. Take care to re-secure the set-screw.

TO INSTALL THE FRONT SIGHT ON A GLOCK AUTO PISTOL:

MAKESURE YOUR PISTOL IS UNLOADED and then remove the slide. Place the front base over the oval hole on the front of the slide with the opening of the base facing the rear of the slide. With the slide PARALLEL to the floor (do not attempt to seat the base when the slide is at an angle), use a punch and small hammer to force the base flush with the top of the slide. Tap your punch slowly and evenly until the bottom of the base is flush with the top of the slide. Should you have trouble forcing the tenons on bottom of the front sight base into the oval hole, minor filing (do this only if necessary) of the four corners of the tenons should create an easier fit of the front sight base. Place the front sight into the base and attach the screw from below with the included (Glocks only) tool. DO NOT OVER-TORQUE THIS SCREW; tighten until snug only.

TO INSTALL ALL DOVETAIL FRONT SIGHTS: MAKE SURE YOUR PISTOL IS UNLOADED: CUSTOM FITTING MAY BE NECESSARY FOR PROPER FIT AND PROBLEM FREE INSTALLATION OF THE DOVETAIL BASE. THIS IS ESPECIALLY TRUE FOR 1911 PISTOLS. FORCING A DOVETAIL BASE THAT NEEDS TO BE FITTED MAY RESULT IN DAMAGE TO THE SLIDE AND/OR DOVETAIL BASE. With a wooden or plastic mallet, a brass or polymer punch and/or a sight pushing tool, drift the front sight in place and center it on the slide. Push or tap ONLY on the base of the dovetail. Do not push or tap on the sight itself. Take care not to damage the dovetailed slide by using improperly sized or improperly shaped punches or insertion tools during this process.

WINDAGE ADJUSTMENT: Loosen the rear sight set screw and move the sight in the direction of the desired bullet impact. Re-tighten the screw when your windage adjustments have been completed.

ELEVATION ADJUSTMENT: MAKE SURE YOUR FIREARM IS UNLOADED. Remove the sight from the slide. Loosen and remove the setscrew from underneath the front sight. To lower bullet impact, add the proper amount of shim between the front sight and the front sight base. To raise bullet impact, remove the proper amount of shim from between the front sight and the front sight base. We have shims of .002", .004", .008", and .016" thicknesses. One may add or remove

shims in increments of .002". When you have established the correct amount of shim for the desired point of impact, re-insert the sight and re-tighten the setscrew. The usage of blue (just a very little) Loktite #242 is recommended, should the set screw loosen during firing. Loktite only when YOU HAVE ESTABLISHED YOUR FINAL ZERO. Take care not to damage the front sight set screw by over-tightening. Apply heat to loosen all loktite set-screws. THE RECOMMENDED AMOUNT OF SHIM FOR THE SIG SAUER P238 COMES PRE-INSTALLED.

COLOR CHANGES: For interchangeable rear and front sight inserts, carefully remove the front and/or rear insert pin with a punch or pin no larger than .031" (1/32"). Try different color combinations and then re-insert the pins after selecting the desired color combination. Make sure all inserts are pressed fully into their respective cavities before re-installing the pins. Care in punch choice as well as in pin removal and re-insertion is necessary in ensure against pinhole damage. Do not fire live ammunition until all insert pins have been re-inserted. Installing pins with blue Loktite #242 will create a semi-permanent installation. OUR NEWEST FRONT SIGHTS (FROM 11-1-09 ON) ARE ALL ONE PIECE. EACH FRONT SIGHT (5 IN EACH PACKAGE) IS ONE OF 5 DIFFERENTLY COLORED FRONT SIGHTS. TO CHANGE FRONT SIGHT COLORS, SIMPLY REINSTALL THE DESIRED COLOR OF FRONT SIGHT.

SIGHT ALIGNMENT TIPS: Sight alignment should look just like our logo...upper edges of the front sight and rear sight aligned to create a pyramid. Just locate the target (don't look at the sights); present the pistol and the pyramid will be there. Bullet impact should be adjusted to hit at the very point of the pyramid on the front sight. Give yourself a few outings with your new sight and you will soon find it to align naturally.

For more information or technical questions, please visit our website at <http://www.advantagetactical.com>
OR call us at (310) 316-6413