Caution and Warning:

Check to ensure that the magazine of the firearm has been removed or emptied, that the action is open, and that there is not a round in the chamber. Only after triple checking the firearm, verifying it is empty and SAFE, should you proceed with the installation of the OuterImpact Pyramid or Dark Diamond Sight System.

Sight installation:

Sight installation by a professional gunsmith is preferable but not necessary. Should you decide to install the sight yourself, OPEN AND LEAVE OPEN ALL ACTIONS DURING THE INSTALLATION PROCESS.

INSTALLATION:

To install the OuterImpact 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 rear sight set screw, 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).
- A minimal amount of tapping on the rear sight with a *wooden or plastic* mallet may be necessary.
- Drift the rest of the way, centering in the dovetail.
- Rear sight set screw secures the rear sight when properly tightened.
- Rear sight centered in the dovetail, holding the hex tool vertically, torque set screw to 1/8th turn past touching. Do not exceed 15 in/lbs.
- For Taurus 24/7, G2, 709, 740 - remove factory rear sight, fasten adapter to slide, (countersunk side up) using factory rear sight set screw, drift in OuterImpact's rear sight and tighten the OuterImpact set-screw.
- Windage adjustment is accomplished by loosening the set-screw and drifting the rear sight to the right or left.
- Re-secure the set-screw.
- Blue Loctite may be used on this set screw.

NOTE: *Kimber and Springfield 1911 sights have a new secondary set-screw at the front of the rear sight, toward the bottom.*

- After loosening the primary set screw, push the 1911 rear sights halfway into the dovetail.

- With the secondary set screw still exposed, tighten it so that there is resistance when drifting the rear sight into the dovetail the rest of the way.

- Center the rear sight and secure the primary set-screw. The secondary set-screw will be hidden from view in the rear sight dovetail.

To install the front sight on a Glock and Taurus 709/740:

- MAKE SURE YOUR FIREARM IS UNLOADED
- Remove the slide.
- Place the front sight 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), force the tenons on the bottom of the base through the hole so that the base is seated flush with the top of the slide.
- If necessary, tap the front sight base with a wooden or plastic mallet, seating the base flush with the slide.
- Place a front sight insert into the base and attach the screw from under the slide with the included (Glocks only) tool or hex key (709/740).
- Holding the hex tool vertically, torque set screw to 1/8th turn past touching.

To install all dovetail front sights:

- MAKE SURE YOUR FIREARM IS UNLOADED:
- The fitting of the dovetail front sight base is usually necessary for proper fit and problem free installation on all dovetail slides..
- Do not force the dovetail base, it may result in damage to the slide and/or dovetail base.
- Use 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 damage the dovetailed slide by using improperly sized or improperly shaped punches or insertion tools.
- Blue Loctite may be used on set screws.

ADJUSTMENTS:

Windage adjustment:

- MAKE SURE YOUR FIREARM IS UNLOADED.
- Loosen the rear sight set screw and move the sight in the direction of the desired bullet impact, tighten when adjustments have been completed.

Elevation adjustment:

- MAKE SURE YOUR FIREARM IS UNLOADED.
- Remove the front sight from the slide.
- Loosen and remove the set screw from underneath the front sight.
- Align the shims with the hole in the front sight base, between the front sight insert and the front sight base.
- Add shims to lower bullet impact, remove shims to raise impact.
- Approximately .0025" of shim will alter elevation by 1" at 25 yards.
- Tighten set screws when final zero is achieved, blue or green Loctite can be applied if the screw loosens.
- Holding the hex tool vertically, torque set screw to 1/8th turn past touching.
- Heat will loosen Loctite set-screws.

NOTE: *The Sig Sauer P938 & P238 come pre-shimmed for a 15 yard zero.*

CONTRAST ADJUSTMENTS:

Insert Color changes:

- MAKE SURE YOUR FIREARM IS UNLOADED.
- For front and rear sight inserts; *from right to left,* tap the hollow rear insert spring pin using a 1/16 punch. From half way, remove with pliers.
- Change colored rear sight inserts with the rear sight mounted on the firearm.
- Secure the rear sight set screw before tapping on the rear sight insert pin.
- Determine color combination.
- Re-insert the pins.
- Fully press inserts into their cavities before re-installing the pins, *from left to right.*
- Do not damage the pinhole by using improperly sized or improperly shaped punches or removal/insertion tools.
- Re-insert all pins prior to live firing.

TIPS:

Sight alignment tips:

- Sight alignment should look just like a pyramid.
- Locate the target without looking at the sights.
- Present the pistol.
- The pyramid will appear.
- Do not cover the target with any part of the sight.
- Rest the tip of the pyramid point on the desired point of impact.

Shooting tips:

1) Sight picture – create a pyramid with front and rear sights. The focal point is the tip of the pyramid. Do not cover the target with the sight picture.
2) Look at the intended target zone where bullet impact is to occur. Continue looking at the impact zone, present the pistol, pyramid will appear.
3) Fire while looking through the sights at the intended impact zone. Use this method to shoot quickly and accurately.

For more information or technical questions, please visit our website at www.outerimpact,com.