

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 Dark Diamond 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 Dark Diamond rear sight set screw, in the notch of the sight.
- Drift the rear sight into the rear sight dovetail, center sight and tighten screw.
- A minimal amount of tapping on the rear sight with a *wooden or plastic* mallet may be necessary.
- Holding the hex tool vertically, torque set screw to 1/8th turn past touching, not to exceed 10 in/lbs.
- Blue or green Loctite may be used on this set screw.

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.
- Holding the hex tool vertically, torque set screw to 1/8th turn past touching.
- Tighten set screws when final zero is achieved, blue or green Loctite can be applied if the screw loosens.
- Heat will loosen Loctite set-screws.

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

CONTRAST ADJUSTMENTS:

- MAKE SURE YOUR FIREARM IS UNLOADED.

For interchangeable DARK DIAMOND front sight inserts, elevation shims and dovetailed front sights:

- Remove the front sight base from the slide, remove the set-screw from the front sight base.
- Change out front Dark Diamond sight inserts and make shim changes.

Non-dovetailed Dark Diamond front sights:

- Remove from base by unscrewing set screw from beneath the slide.

NOTE: Dovetailed front sights will need to be removed from the slide before unscrewing the set-screw to make necessary color and elevation shim changes. When elevation and color changes have been completed, use the set-screw to complete the re-tightening process.

TIPS:

Sight alignment tips:

- In all lighting conditions, create a diamond pattern by placing the front sight into the rear notch.
- Locate the target without looking at the sights.
- Present the pistol.
- The Diamond will appear.
- Do not cover the target with any part of the sight.
- Rest the tip of the dark diamond point on the desired point of impact.

Shooting tips:

- 1) Sight picture – create a diamond with front and rear sights. The focal point is the tip of the diamond. 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, diamond 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.