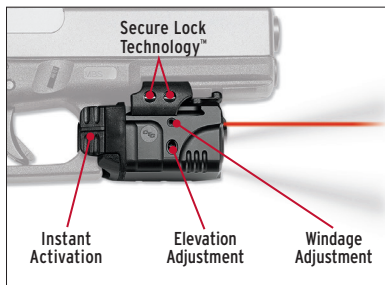


**PRODUCT SPECIFICATIONS**

RED BEAM INTENSITY: 5mW peak, 620-670 nm, Class 3R laser  
 GREEN BEAM INTENSITY: 5mW peak, 515-532 nm, Class 3R laser  
 BEAM DOT SIZE: Approximately 0.5 inches diameter at 50 feet  
 BATTERIES: One (1) CR2 lithium battery; two hours of illumination  
 LIGHT INTENSITY: 100 lumen LED  
 ACTIVATION: Instant Activation™ - Tap on, tap off with auto shut off at five minutes  
 WARRANTY: Three-year full warranty  
 This product complies with 21 CFR 1040.10



**WARNING**

FAILURE TO FOLLOW ANY OF THE FOLLOWING WARNINGS MAY RESULT IN SEVERE INJURY OR DEATH TO YOU OR OTHERS.

Prior to installing Crimson Trace products, ensure that the firearm is unloaded, the magazine is removed, safety on and finger(s) off the trigger.

**DO NOT** install or use Crimson Trace product if the installation of the product in any way affects the safe function of the firearm. If, while installing Crimson Trace products, you have any trouble with the fit or functionality of the firearm, **STOP IMMEDIATELY** and call Crimson Trace Customer Service for assistance at 1-800-442-2406.

**ALWAYS FOLLOW THE 4 RULES OF FIREARM SAFETY:**

1. Handle all firearms as if they are loaded.
2. Never let the muzzle cover anything that you are not willing to destroy.
3. Keep your finger off the trigger until your sights are on the target and you are ready to fire.
4. Be sure of your target and what is beyond.

Remember, the user is **ALWAYS** responsible for the safe use of a firearm.

Crimson Trace recommends that every gun owner take a gun safety course from a certified NRA Instructor before handling or firing your firearm.

**LASER SAFETY LABELING**

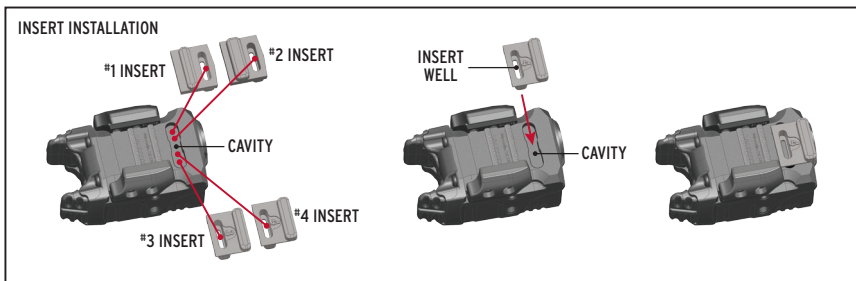
**IMPORTANT: LASER PRODUCTS MUST ONLY BE OPERATED WITH THE SAFETY LABEL APPLIED TO THE FIREARM.**

- A. Attach the “Danger” warning label to the outside of the firearm.
- B. Attach the “Aperture” warning label with the arrow pointing to the laser aperture.

Use caution when activating the laser to avoid direct eye exposure, which can result in permanent eye damage. Follow all precautions as outlined by the firearms manufacturer.

Crimson Trace holds several patents and may have other patents pending that cover its innovations. Please review individual products for patent numbers to determine the specific patent coverage.

# DETERMINING FIT



1. Multiple inserts may accommodate your gun frame. Select the insert that works best ergonomically as each insert will change the position of the instant activation buttons. Refer to chart below for popular models. Press the selected insert with Insert Well down firmly into the Cavity as indicated above. Inserts #1 and #2 are installed with the Insert Well positioned forward. Inserts #3 and #4 are installed with the Insert Well positioned backward.

## FIT & INSERT NUMBER CHART (FOR POPULAR MAKES/MODELS)

GUN MANUFACTURER	INSERT #	GUN MANUFACTURER	INSERT #	GUN MANUFACTURER	INSERT #
<b>BERSA</b>		<b>HECKLER &amp; KOCH</b>		<b>SPRINGFIELD</b>	
BP CC	2	P30	.1*, 3*, 4*	XD9, XD40 Sub-Compact	2
Thunder Pro	2	45C	.1	XD40	4
		P2000	2	XD9, XD9 Tactical	2
		*Multiple inserts will accommodate gun.		XDM - 5.25, 4.5, 3.8	2
				XD-S	2
<b>BERETTA</b>		<b>RUGER</b>		<b>TAURUS</b>	
PX4 Compact	2	SR9c, SR40c	2	Millennium Pro	2
PX4, 92, 96	4	SR9, SR40	3	24/7	4
		SR22	2		
<b>BROWNING</b>		<b>SIG SAUER</b>		<b>WALTHER</b>	
BUCK MARK BLACK		P220, P226, P229, P250, P2022	1, 4	P22-Q 4"	2
LABEL TACTICAL	4			PK380	2
				P99	2, 4
				PPQ	4
				PPS	2
<b>FN</b>		<b>SMITH &amp; WESSON</b>		<b>ACCESSORY RAILS</b>	
5.7	4	MP9C, MP40C	2	AR/M16/Rifles/Shotguns with	
P9	3	MP9, MP40	1	M1913 Picatinny Accessory Rail,	
P45	3	SD9, SD40	4	Weaver Accessory Rail	1
FNX-40	3				
<b>GLOCK</b>					
Full and Compact Models					
with Rails	3				

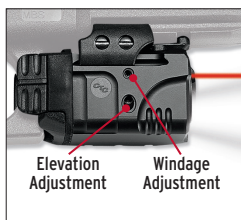
YOUR RAIL MASTER PRO COMES WITH 4 INSERTS TO ACCOMMODATE MULTIPLE FIREARM PLATFORMS. FOR INFORMATION ON THIS FIT CHART, PLEASE CONTACT OUR CUSTOMER SERVICE DEPARTMENT AT 1-800-442-2406.

# WINDAGE & ELEVATION ADJUSTMENTS

Crimson Trace laser sights are pre-sighted at the factory to 50 feet. Many times no further adjustments are required. All products are fully adjustable for windage and elevation if further adjustments are desired. A good starting point is to align the laser with the fixed sights on the firearm. (Figure 1).

A two-screw alignment system is used to adjust for windage and elevation. The adjustment screws are located just behind the laser source, use the supplied allen wrenches to make any adjustments.

Start by lining your laser sight up with your fixed sights at a desired distance. Most people sight in their laser at between 20 and 50 ft. However because of the offset between the laser sight and the bore, the actual change in point-of-impact at these distances is very small.



Further adjustments can be made at the range to determine where your bullet impacts in relation to your firearms fixed sights. The laser should be moved to the actual impact point of the bullet (Figure 2).

**DO NOT OVERTURN THE ADJUSTMENT SCREWS. A little adjustment goes a long way. Rarely more than a half turn is required to make your needed adjustments.**

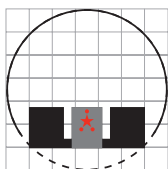


FIGURE 1: BEAM LINED UP WITH PROPER SIGHT PICTURE.

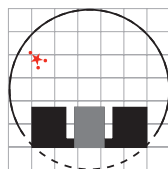
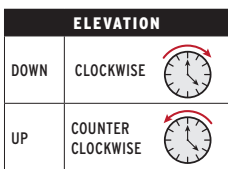
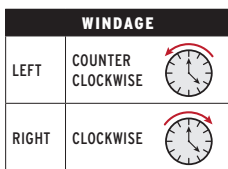
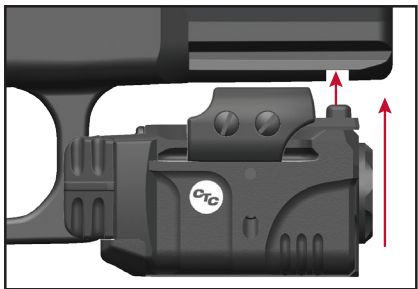


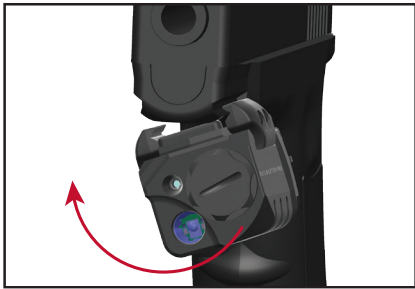
FIGURE 2: BEAM MOVED TO LINE UP WITH IMPACT POINT.

**WARNING:** This product contains chemicals known to the state of California to cause cancer, or birth defects or other reproductive harm.

## INSTALLATION INSTRUCTIONS



2. Align Rail Master® Pro™ at desired rail lug for easy tap on/tap off activation.



3. Attach Rail Master Pro at desired location on firearm rail and rotate into place, aligning insert with rail lug. Turn screws clockwise to secure clamps to rail.

## BATTERY INSTALLATION

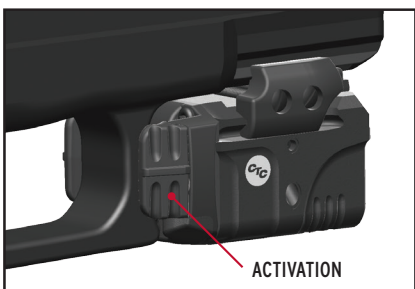


4. Remove Battery Lid using coin. Place provided battery positive (+) side toward trigger guard. Screw battery lid back into place. When changing the batteries, swab the threads of battery cap and the body with isopropyl alcohol or dry cotton swab.

6. Confirm that laser and iron sights are in alignment. The laser dot should rest on top of front site post with correct iron sight picture. See windage and elevation adjustments to fine tune or adjust for any point of impact. See Sighting figure below left.

7. Attach laser "Danger" and "Aperture" stickers onto pistol. (See Laser Safety Labeling section in these instructions for details.)

## ACTIVATION



5. Tap either Instant Activation button to turn laser on or off. When left on, the Rail Master Pro will remain on for 5 minutes before automatically shutting off (as indicated by a quick pulse of the laser at the end of five minutes).

## ACTIVATION & MODES

The Rail Master Pro has been programmed with 4 Activation Modes for full user adaptability. It has been factory set to the Light/Laser Constant On Mode.

- > Light/Laser Constant On
- > Laser Constant On
- > Light Constant On
- > Laser with Light Strobe

To select desired mode start with the laser and light being off. Hold both activation paddles down for 3 seconds to cycle through the modes; release buttons at desired mode. When left on, the Rail Master Pro will remain on for 5 minutes before automatically shutting off, as indicated by a quick pulse of the laser and light at the end of five minutes.

## MAINTENANCE

Your Rail Master Pro requires minimal attention and is designed to resist most common firearm chemicals and lubricants, however, excessive exposure to these chemicals can be detrimental. To ensure the safe and effective operation of your light:

- > Remove Rail Master Pro before cleaning gun.
- > Do not use pressurized or compressed air.
- > Do not immerse in cleaning fluid or lubricate firearm excessively. A firearm that has too much oil will foul the lens of the light and result in an clouded beam. This can be easily cleaned and causes no permanent damage.
- > Do not allow cleaning solution to enter lens source.
- > Do not allow solvents to contact your Rail Master Pro that contain: VOCs or TCE such as: carb/brake cleaner, acetone, MEK, gasoline. Damage will result.
- > Crimson Trace lights are designed and positioned to minimize exposure. Occasional cleaning of the lens is recommended.

After extensive shooting, you may notice a degradation of light or beam quality. This is the result of fouling on the lens surface. This is normal and can be easily cleaned with a small cotton swab dipped in isopropyl alcohol or window cleaner. Dry the lens with a clean dry swab. When cleaning the lens do not touch lens with any sharp objects.