



# Owner's Manual

***L A S E R G R I P S***<sup>®</sup>

**MADE IN USA**

***Thank you for selecting the finest laser sighting system: Crimson Trace Lasergrips.***

When it comes to speed, accuracy and security, Crimson Trace is the top choice of law enforcement, militaries and legally armed citizens around the world.

Feel free to contact us at 1.800.442.2406 with any questions you may have regarding your Lasergrips.

We also encourage you to visit us online at ***www.crimsontrace.com***. Here you can register your product, find valuable information on training and tactics or join fellow Crimson Trace users on our online forums.

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***Four basic safety rules of firearm safety prior to installation instructions.***

1. Handle all firearms as if they are always 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 it.

***Before installing Lasergrips, please read the entire manual.***

Failure to follow these instructions and procedures may result in injury or death.

- Always follow firearms safety rules as outlined by the firearms manufacturer.
- Do not point the laser beam at eyes. Permanent eye damage can result.
- Keep this and all firearm related products locked and secured from children or other unauthorized users.

## SIGHTING ADJUSTMENTS

Lasergrips are pre-sighted at the factory for point of impact at 50ft. Many times no further adjustments are required. Lasergrips are fully adjustable for windage and elevation if further adjustments are desired. A good starting point is to align the laser with your fixed sights at your desired point of impact distance. (fig. 1)

A two-screw alignment system is used to adjust for windage and elevation. The adjustment screws are located just behind the laser aperture. Place the included allen wrenches into the adjustment screws.

To adjust the laser beam, turn the screws as follows:

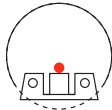
Top Screw: Clockwise turn raises laser  
Counterclockwise turn lowers laser

Bottom Screw: Clockwise turn lowers laser  
Counterclockwise turn raises laser

Right-Side Screw: Clockwise turn moves laser right  
Counterclockwise turn moves laser left

Left-Side Screw: Clockwise turn moves laser left  
Counterclockwise turn moves laser right

fig. 1



beam lined up  
with proper sight picture

**DO NOT** overturn adjustment screws. A little adjustment goes a long way.  
Rarely is more than one complete turn required.

## SIGHTING ADJUSTMENTS

Start by adjusting the beam to line up with your fixed sights at the desired distance. Most people sight in their laser at between 20 and 50 feet. However, because of the small amount of mechanical offset between the laser and the bore, the actual change in point-of-impact from these distances is very small.

Occasionally one of the laser adjustment screws may not adjust enough to line up with your sight picture, or will not move the laser at all. This is usually caused by over adjustment of the other screw. To fix, back out both the elevation, and windage adjustment screws until you have 1 or 2 threads protruding from the diode housing on each screw. (Do not remove adjustment screws totally out of the diode housing) Tap on diode housing with a blunt, soft object such as the plastic butt end of a screw driver to reset the diode back into place inside the housing. Now begin turning the adjustment screws back down into the housing a quarter turn at a time, alternating between adjustment screws, (i.e. 1/4 turn windage screw, 1/4 turn elevation screw, repeat until both are back inside the diode housing).

Lasergrips can be removed from the pistol for maintenance and cleaning without losing “zero”.

## MAINTENANCE

Lasergrips require minimal attention and are designed to resist most common firearms chemicals and lubricants. However, excessive exposure to these chemicals can be detrimental. To ensure the safe and effective operation of your Lasergrips:

- Remove Lasergrips before cleaning gun.
- Do not use pressurized or compressed air on Lasergrips.
- Do not immerse Lasergrips in cleaning fluid or lubricate firearm excessively. A pistol that has too much oil will foul the lens of the laser and create an unfocused beam. This can be easily cleaned and causes no permanent damage.
- Do not allow cleaning solution to enter lens area.
- Do not allow solvents to contact your grips that contain: VOCs or TCE such as: carb/brake cleaner, acetone, MEK, gasoline. Grip damage will result.

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

## BATTERY GUIDELINES / REPLACEMENT AND SPECIFICATIONS

Batteries typically last over 4 hours of actual “ON” time under normal intermittent use. If the laser becomes dim or fades, replace batteries. Keep battery compartment free of dirt or other contaminants. Debris inside battery compartment may affect laser operation.

Most Lasergrips models use commonly available CR2032, DL2032, 123 or 1/3N batteries. Consult installation instructions, or contact Crimson Trace, if you have questions about your specific model.

To replace batteries:

1. Ensure that pistol is unloaded.
2. Check again to make sure pistol is unloaded.
3. Remove Lasergrips and old batteries.
4. Install new batteries with positive (+) polarity up.



**This product complies with 21 CFR 1040.10**  
**Manufactured by Crimson Trace Corporation**

<b>Laser Type:</b>	Class IIIa visible laser diode
<b>Peak Power:</b>	5mW
<b>Wavelength:</b>	633nm
<b>Beam Color:</b>	Red
<b>Beam Size:</b>	Approx. 0.5" at 50'
<b>Battery Life:</b>	Over 4 hours; 5 year shelf life

## WARRANTY

CRIMSON TRACE CORPORATION (CTC) warrants that this product will be free from defects in materials and workmanship for a period of three years from date of original retail purchase. CTC will repair or replace, at its option, any product or part which is found to be defective under normal use and service, without charge during the warranty period. CTC's obligation to repair or replace, shall be the purchaser's sole and exclusive remedy under this warranty. This warranty does not cover normal maintenance and service and does not apply to any products or parts which have been subject to modification, misuse, carelessness, accident, improper maintenance or repair other than by CTC. Warranty does not cover batteries or problems arising from faulty batteries.

This limited warranty is in lieu of any and all other warranties, either expressed or implied, including but not limited to, merchantability and fitness for particular purpose. CTC shall not be liable for indirect, incidental, consequential or special damages arising out of, or in connection with, product use and performance, even if it has been informed of the possibility of such damages.

For warranty service, carefully package the unit along with dated proof of purchase and an explanation of the problem, and mail it to:

**Crimson Trace Corporation, Attn: Customer Service**  
**9780 SW Freeman Drive, Wilsonville, OR 97070**  
**Phone: (800) 442-2406**



9780 SW Freeman Drive, Wilsonville, OR 97070

Phone: (800) 442-2406 or (503) 783-5333

Fax: (503) 783-5334

Customer Service E-mail: [customer@crimsontrace.com](mailto:customer@crimsontrace.com)

Website: [www.crimsontrace.com](http://www.crimsontrace.com)

US Patent #5,435,091, #5,179,235, #5,706,600, #6,671,991, #6,578,311 and #6,526,688. Other patents pending.