

1. Light is emitted from the front aperture of this sight. Avoid direct eye contact.
2. Check the parts list to be sure your kit is complete.
3. The LaserMax recoil spring is not the same diameter as the factory spring. The factory spring cannot be used with the LMS-1911 without damage. Use of any spring other than one supplied by LaserMax voids the warranty.
4. Read the instructions to be sure you are familiar with the installation procedure before you start.

### Laser Installation

1. Field strip the gun according to the procedure in the owner's manual.
2. Remove the factory recoil spring guide and recoil spring. Replace with the LaserMax spring guide. Make sure the laser, cap assembly and shock buff are against the barrel. (figure 3)
3. Put the slide and barrel assembly back on the frame.
4. Insert the LaserMax slide stop from the left side of the gun, as you would the factory slide stop. Be sure the LaserMax sight switch is in the off position to avoid accidentally pointing the laser at your eyes as you assemble the gun and sight. The switch is in the off position when the point of the switch is parallel to the slide and toward the rear. (figure 4)
5. Insert the LaserMax recoil spring from the muzzle end and put the recoil spring plug on the spring, closed end of spring towards back, open end toward muzzle. (figure 5)

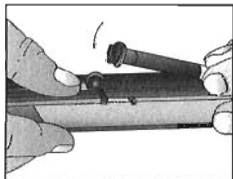


Figure 3

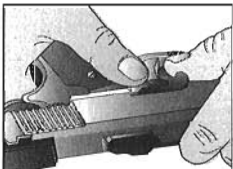


Figure 4

6. BE CAREFUL!! THE RECOIL SPRING IS UNDER SIGNIFICANT AMOUNT OF TENSION AND CAN CAUSE SERIOUS INJURY. THE WEARING OF SAFETY GLASSES IS STRONGLY RECOMMENDED. Compress the recoil spring and turn the bushing with the bushing wrench supplied with the LaserMax kit. (figure 6)
7. Put the right side switch button in place and tighten the setscrew with the Allen head wrench supplied. When the teardrop of this switch is parallel to the slide, the switch is in the off position. (figure 7) See figures 8 and 9 for on/off position.
8. You are now ready to sight in.



Figure 5



Figure 6

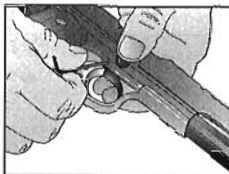


Figure 7

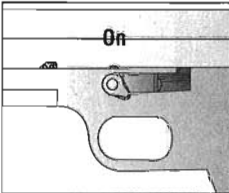


Figure 8

### Alignment

#### • BASICS

The LaserMax sight has been boresighted at the factory. DO NOT MAKE ADJUSTMENTS UNTIL YOU HAVE FIRED THE GUN.

Point of Aim (POA) is the point at which your laser beam hits the target.

Point of Impact (POI) is the point at which the bullet hits the target.

If the POA of the laser does not coincide with the POI, move the laser beam in the direction of the POI. **The laser dot chases the point of impact.**

*Example:* If the gun is shooting high left when the laser is on target, move the laser spot up and to the left the appropriate amount (Chase the POI).



Figure 9

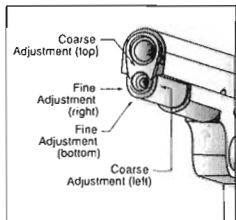


Figure 10

### Adjusting the Laser

1. Unload the gun.
2. Lock the slide back using the slide stop.
3. Using the alignment tool supplied, move the fine adjustment screws as shown in figure 10. The windage fine adjustment screw is on the right side of the gun; the elevation fine adjustment screw is on the bottom.
4. A 1/16 turn, or 23°, will move the laser approximately 1" in the corresponding direction.
5. Turn the elevation screw clockwise (in) to move the laser dot up, counter clockwise to move the dot down.
6. Turn the windage screw clockwise (in) to move the laser dot left, counter clockwise to move the dot right.

*Example:* To move the laser up 4" and to the right 2", turn the bottom fine adjustment screw clockwise about 1/4 turn, or about 90°, to move the dot up 4". Turn the right fine adjustment screw counter clockwise about 1/8 turn, or about 45°, to move the laser approximately 2" to the right.

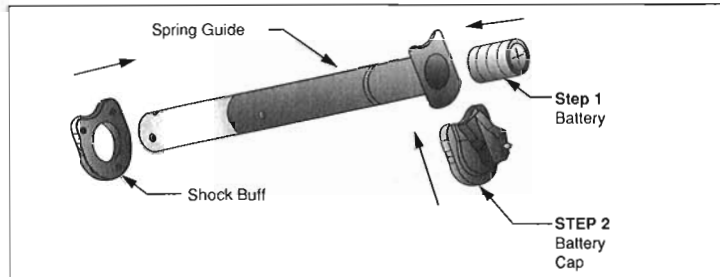
It may take about five rounds for the laser to find a consistent position after adjustment.

### Batteries

1. This model laser is powered by LaserMax LMS-377 batteries. Replacements are available from your dealer or directly from LaserMax. Do not remove the shrink-wrap from LaserMax battery packs. (Four Eveready 377 batteries may be

- used in place of LaserMax battery packs.)
2. Operating temperature range for the batteries is 15°F to 120°F.

### REPLACEMENT PARTS



Step 1 &amp; Step 2

### Battery Replacement

1. Insert the four shrink wrapped batteries into the tube with the button side down and the + side up. (*step 1*)
2. Do not remove the shrink-wrap from the batteries.
3. Slide the battery cap on so the shape of the cap matches the shape of the laser tube. (*step 2*)
4. Slide the shock buff into the spring guide as shown on page 5. There are three circular marks on the beveled side of the shock buff. (*figure 11*) These marks should be on the side of the shock buff that goes on and ends up against the battery cap flange. The shock buff will split if it is not snugly against flange.

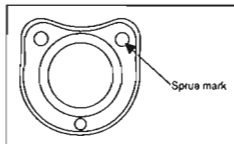


Figure 11

### Trouble Shooting

If your LaserMax LMS-1911 does not work after installation;

1. Review installation instructions and install a second time to eliminate human error.
2. Rock the slide or cycle the action two or three times to ensure contact.
3. Check batteries. Is the + side up? Are they clean and free of oil? If using loose batteries, is the + side up on all of them? Battery voltage should be approximately 6 volts for a LaserMax battery pack or 1.5 volts for each cell.
4. Check the battery cap. Is there a gold contact on the inside of the cap, and a good contact sticking out the rear of the cap which moves in freely and springs back?
5. Check the slide stop/switch installation. The point of the teardrop points to the rear.

6) Check for excessive lubricant, which can insulate gun parts and break the circuit.

If there is still a problem, call the LaserMax Gunsight Warranty Department at: **1-800-Laser-03**. Technical assistance is available Monday through Friday, 9:00 AM to 5:00 PM, EST.

If your sight has to be returned for repair, call our Warranty Department for a return authorization number before returning the sight. LaserMax will not be responsible for items returned without authorization. Do not return any parts or acces-

sories not requested by the Warranty Department.

### Cleaning & Maintenance

The window on the muzzle end of the laser may become smoked-over during firing. **FIRST, MAKE SURE PISTOL IS UNLOADED AND LASER IS OFF.** Then clean window with lens cleaner or alcohol on a cotton swab. The shock buff should be replaced every 1,000 rounds and the recoil spring should be replaced every 5,000 rounds.

### Safety and Compliance Labeling

Operation of a laser without the required safety labeling may violate federal law. The FDA requires a label supplied with your laser be affixed to the outside of the gun with the arrow pointing to the aperture. The label contains the required warning for a Class IIIa laser, a certification section stating that LaserMax certified product complies with FDA regulations, the LaserMax address, month and year of manufacture.

### Spare Parts List for LMS-1911 Laser Sight LMS-1911X Series

LaserMax Model #	LMS-1911M	LMS-1911S	LMS-1911B
1 Safety / Serial # Label	LMS-300	LMS-300	LMS-300
2 Recoil Spring (Standard)	LMS-191	LMS-191	LMS-191
3 Battery Pack	LMS-377	LMS-377	LMS-377
4 Battery Cap	LMS-192	LMS-192	LMS-192
5 Shock Buff	LMS-194	LMS-194	LMS-194
6 Laser Switch Assembly	LMS-600M	LMS-600S	LMS-600B
7 Replacement Switch Lever with screw	LMS-198	LMS-198	LMS-198
8 Bushing Wrench	LMS-195	LMS-195	LMS-195
9 Alignment Tool	LMS-197	LMS-197	LMS-197
10 Service Kit Includes (items 2,3,4,5)	LMS-196S	LMS-196S	LMS-196S
11 Installation Manual	LMS-190	LMS-190	LMS-190

• Replacement parts available 800-527-3703 or [www.lasermx.com](http://www.lasermx.com)

### LIMITED WARRANTY

LaserMax, Inc. laser products, except expendable parts, are warranted to be free from defects in material and workmanship for a period of three years from the date of purchase, as shown on the warranty card returned to LaserMax. Expendable parts shall be defined as batteries, springs, and replaceable plastic parts. Expendable parts of some models have definite life expectancies. They should be replaced as recommended to protect the laser and preserve your warranty. This warranty shall benefit, and may be enforced only by the initial purchaser of the laser system and is not transferable. Warranty is limited solely to repairing or replacing the part(s), at the discretion of LaserMax, Inc.; which proves to be defective during the warranty period. Parts and equipment replaced under warranty will not be returned. Parts and equipment repaired under warranty will be covered for the remaining portion of the original warranty period. This warranty does not apply to equipment or parts which upon inspection by LaserMax, Inc. are determined by LaserMax, Inc. to have become defective or unworkable due to abuse, mishandling, misuse, alteration, negligence, improper installation or maintenance, damage resulting from use of springs not supplied with laser, damage resulting from repair or attempted repair by anyone other than LaserMax, Inc. or a repair facility authorized by LaserMax, Inc., or other causes beyond the control of LaserMax, Inc. All returns must have factory labeling present and legible. All returns require a return authorization number available from our Warranty Department at 1-800-LASER-03. The hours of operation are from 9 a.m. to 5 p.m. EST, Monday through Friday.

LASERMAX, INC. DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE LASERMAX, INC. LASER PRODUCT IS FOR A PERIOD OF THREE (3) YEARS FROM DATE OF PURCHASE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.