



SPARTAN™

ADJUSTABLE FIT LIGHT & LASER



Operator's Manual

LaserMax

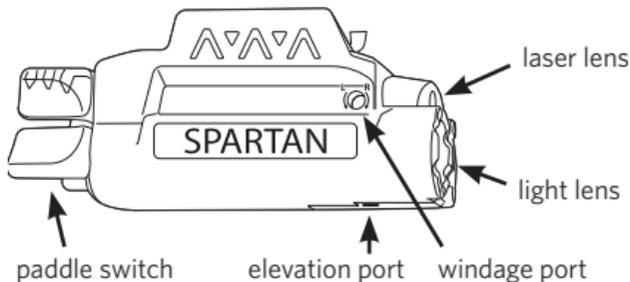
FOR COMPACT & FULL SIZE RAILS

SPS-C-R

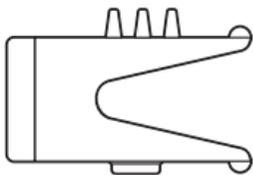
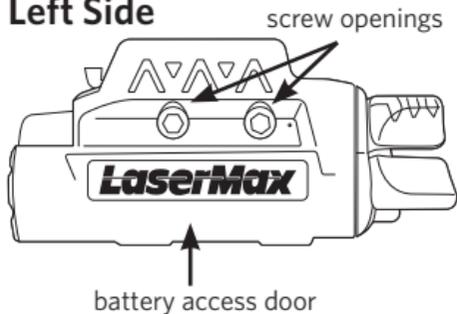
SPS-C-G

PARTS IDENTIFICATION

Right Side



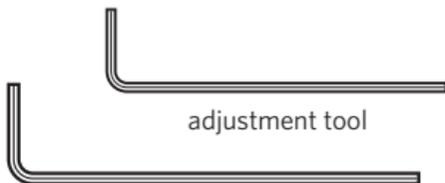
Left Side



rail vise positioner



clamping screws

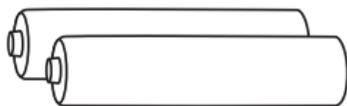


adjustment tool

3/32" hex tool



laser safety label



2 AAA batteries (1 spare)

WARNING: Only Alkaline or NiMH Rechargeable batteries should be used, not Lithium.

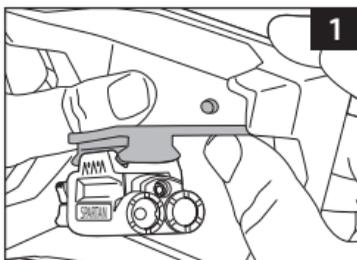


See this sight installed at www.youtube.com/LaserMaxInc.

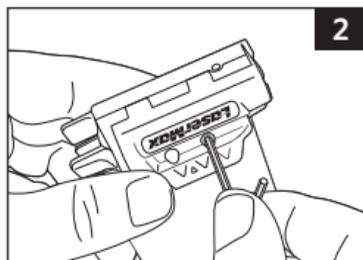
IMPORTANT: PRIOR TO INSTALLATION, BATTERY CHANGE, CLEANING OR MAINTENANCE, FOLLOW THE FIREARM MANUFACTURER'S INSTRUCTIONS TO ENSURE THAT THE FIREARM IS UNLOADED.

INSTALLATION

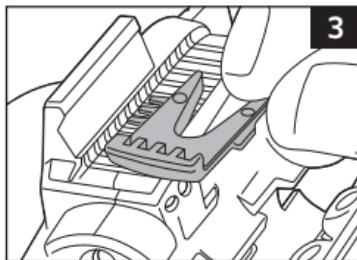
1. To separate Spartan™ Light & Laser from its packaging, first rotate the disposable rail support upward to expose the *clamping screw*. You may need to press the two small posts on rail support to release them from the tray (figure 1).



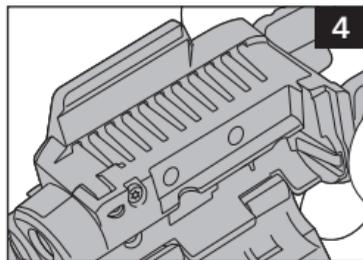
2. Use a 3/32" hex tool to remove the *clamping screw* from *battery access door* (figure 2). Set this screw aside.



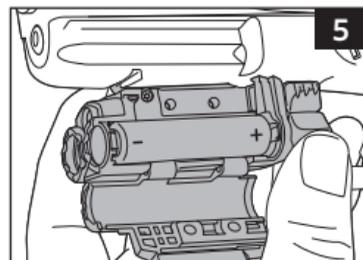
3. Open *battery access door*. Remove *rail vise positioner* (figure 3) and set it aside.



4. Take note of slotted channels (figure 4).

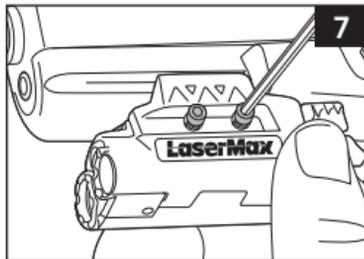
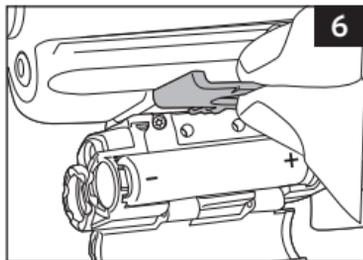


5. Insert supplied AAA battery with the positive end facing the paddle switches (figure 5).



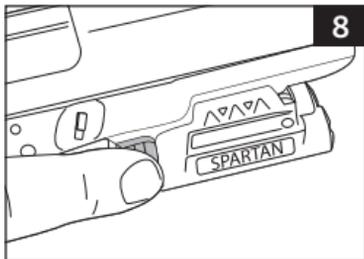
6. Position the Light & Laser against the rail of the firearm as shown (figure 5). Hold in place on rail at the desired location between trigger guard and muzzle.

- Slide the curved front end of *rail vise positioner* into the Picatinny rail slot and position the three teeth into the corresponding slotted channels (figure 6).
- Close *battery access door*. Note: While holding Light & Laser in place with your support hand, assume a normal grip on the firearm and test the trigger finger's reach to the *paddle switch* to ensure optimal placement on the rail. To customize the fit, open *battery access door*, reposition as desired, then place the slotted channels back onto the teeth of *rail vise positioner* in its new, preferred location.
- While holding Light & Laser in place on the pistol rail, insert two (2) *clamping screws* into holes in the *battery access door* (figure 7).
- Partially tighten *clamping screws* with a 3/32" hex tool. Ensure that the laser is attached at the desired point on the rail before completely tightening the screws. Do not overtighten.



OPERATION

- To activate the laser only, press and release the top portion of the paddle switch from either side. Press and release again to turn the laser off (figure 8).
- To activate the light only, press and release the bottom portion of the paddle switch from either side. Press and release again to turn the light off.
- To activate both the light and laser simultaneously, press

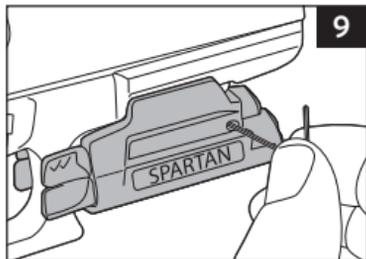


and release the paddle switch by placing the finger in the recessed channel, pressing both the top and bottom portions of the paddle switch at the same time. Press and release both portions of the paddle switch again to turn off both the light and laser.

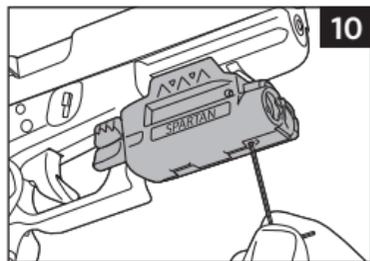
4. To change either the light or the laser pulse/steady mode, press and release the appropriate portion of the paddle switch to turn laser or light on, wait one second, then press and hold the same portion of the paddle switch for 2 seconds. Release when mode changes. Repeat process to return to the previous mode.
5. To save power and prevent inadvertent battery drain, Spartan™ Light & Laser will turn off automatically after a ten minute period of inactivity. Cycle the paddle switch to turn the laser or light back on.
6. The light is dimmable from 120 down to 4 lumens. To dim, start with the light off. Double tap the lower portion of the paddle switch within one second and hold on the second tap. While continuing to hold the lower portion of the paddle switch, press and hold the top portion of the paddle switch (laser activation) until desired brightness is achieved and then release. Each time the laser switch is pressed in this mode, the Spartan™ Light will alternate between dimming and brightening.

ALIGNING THE LASER

1. Alignment adjustments should be made at a minimum of 10 yards distance from the target.



To begin, insert the *adjustment tool* into one of the two *alignment ports* (figures 9 & 10) and slowly rotate the tool while comparing the laser position on target to the fixed sights. **Important:** Do not turn alignment screws more than one full turn in either direction from their factory position. This may cause damage to the laser and void the warranty. A one quarter turn will result in a movement of about 7 inches at 10 yards.



2. Windage adjustment: with the muzzle pointing forward and the adjustment tool inserted into the alignment port on the right side, a clockwise turn will shift the laser aiming point to the right and a counterclockwise turn will shift the laser beam to the left.

3. Elevation adjustment: with the muzzle pointing forward and the adjustment tool inserted into the alignment port on the bottom, a clockwise turn will shift the laser beam

down and a counterclockwise turn will shift the laser beam up (figure 10).

Note: a slight shift in alignment may be observed after firing Spartan™ Light & Laser for the first time. Recheck alignment after break in and readjust as necessary.

BATTERY REPLACEMENT

Spartan™ Light & Laser can remain on the firearm or be removed to change batteries. Follow these steps:

1. Use a 3/32" hex tool to remove clamping screws from battery door.
2. Open battery door to expose the battery compartment.
3. Carefully remove the expended AAA battery (figure 5).
4. Insert a fresh AAA battery with the positive end facing the paddle switches.
5. Close battery door.
6. While holding the assembly in place insert two (2) clamping screws into the holes in battery door.
7. Partially tighten the screws with a 3/32" hex tool.
8. Ensure that the laser is attached at desired point on rail before completely tightening the screws. **Do not over-tighten.**

CLEANING

After repeated fire, the *lenses* may become clouded with gunpowder residue. For best results, it is recommended that this area be cleaned along with the firearm after each use. To clean the *lenses*, follow these steps:

1. Keep firearm pointed in a safe direction.
2. Confirm light & laser are off.
3. For laser lens, dampen the end of a cotton swab with isopropyl alcohol.
4. Apply dampened swab to laser lens and polish in a small circular pattern. Be sure to clean around the edges of the lens.
5. For light lens, dampen the end of a cotton swab with water.
6. Apply dampened swab to light lens and polish in a small circular pattern. Be sure to clean around the edges of the lens.

WARNING

Care should be taken when applying oil or lubricant to clean the firearm. Getting oil or lubricant on light or laser components may cause damage and void the factory warranty. Spartan™ Light & Laser should not be submerged in or flushed with lubricants or cleaning solvents.

REPLACEMENT PARTS

06049-0-1	rail vise positioner
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LMS-AT50	adjustment tool
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LMS-LLCS	clamping screws
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06182-0-1	3/32 hex tool
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LASERMAX LIMITED WARRANTY



LaserMax is pleased to offer a five (5) year limited warranty for this product. To take advantage of this coverage, the product must be registered no later than 90 days after purchase.

This product may be registered by completing a Registration Form which may be found at www.lasermax.com/ support or by contacting the LaserMax Customer Service Department at 1-800-527-3703. The LaserMax Limited Warranty extends specific legal rights to the registrant. Other rights, which vary from state to state, may also apply. This product is warranted to be free from defects in material and workmanship at the time of purchase. This limited warranty does not cover expendable parts (ex: batteries), that have definite and predictable life expectancies. This warranty does not cover products that LaserMax determines have been exposed to abnormal use in any way. Examples of abnormal use include, but are not limited to, damage from mishandling, misuse or abuse, damage from exposure to abnormal conditions, damage from improper care and maintenance, or installation of the product in or on any firearm model the product is not specifically advertised to be used with. Warranty coverage begins on the date of purchase and ends five (5) years after date of purchase. This limited warranty extends only to the original registrant and is non-transferable. To file a warranty claim, a warranty repair request must be submitted, and a Return Merchandise Authorization (RMA) number issued by the LaserMax Warranty Department, within five (5) years from date of purchase. Following submission of a warranty claim, LaserMax reserves the right to inspect the product to determine its eligibility for warranty coverage. If deemed eligible, LaserMax will repair or replace the part(s)/product that LaserMax, at its sole discretion, determines to be defective during the warranty period. If deemed ineligible, LaserMax will return the part(s)/product with an explanation of why coverage is not available. LaserMax reserves the right to replace defective part(s)/product with an equivalent substitute product at its sole discretion. Any and all implied warranties, including the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, also begin on the date of purchase and end five (5) years after date of purchase. This limitation does not apply to residents of states that disallow limitations on the length of implied warranties. The preceding process is both the exclusive remedy and LaserMax's exclusive liability for any warranty claim. LaserMax will not, under any circumstances, be liable for any incidental, indirect, consequential, punitive or exemplary damages (even if LaserMax has been notified of the possibility of such damages) resulting from or related to a product, including, without limitation, any loss of profit, opportunity, or damages in excess of the purchase price of the warranted product. This limitation does not apply to residents of states that disallow limitations on incidental or consequential damages.

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For patent information, please visit:
www.lasermax.com/patents
01785-0-67, 6/16, Rev A



**IF YOU EXPERIENCE AN ISSUE
WITH YOUR SPARTAN™ LIGHT
& LASER PLEASE DO NOT
RETURN IT TO THE STORE.**

Contact LaserMax Customer Service: ☎ 800-527-3703



SPS-C-R
Red Laser
CLASS 3R VISIBLE LASER
Output Power: <5mW
Wavelength: 650nm
120+ Lumen LED

SPS-C-G
Green Laser
CLASS 3R VISIBLE LASER
Output Power: <5mW
Wavelength: 510-535nm
120+ Lumen LED

REMINDER

Aiming a laser beam at moving vehicles including boats, aircraft, trains, and construction equipment may be illegal. Check current applicable laws and follow them accordingly.

DANGER

Laser radiation is emitted from the front aperture of the laser when the switch is activated.

WARNING

Avoid direct eye exposure to beam. Do not point laser at anything you do not wish to destroy.

VISION ADVISORY CLAIM

RG-2: CAUTION. Do not stare at exposed lamp in operation. May be harmful to the eyes.

NOTICE:

The FDA requires the label supplied with your laser be affixed to the outside of the gun near the laser aperture.