

# LaserMax

## GUIDE ROD LASER™

Operator's Manual

For Sig Sauer P220 | P225 | P226 | P228 | P229

Please carefully review this manual before attempting installation of the Guide Rod Laser.

See this sight installed on 



Part # 01785-0-2 REV O, 11/21

**IMPORTANT: LASERMAX, INC. DOES NOT WARRANTY THE ALIGNMENT OR FUNCTION OF THE GUIDE ROD LASER FOR PORTED FIREARMS, OR FOR FIREARMS WHICH HAVE BEEN ALTERED FROM FACTORY CONFIGURATION.**

**DANGER**—Laser radiation is emitted from the front aperture of the laser when the switch is activated. Please read warning label.

Before handling any firearm with or without a laser, read and understand the entire contents of both firearm and laser manuals, especially the safety precautions and procedures for safe firearms handling.

Follow all precautions as outlined by the firearms manufacturer. Keep this and all firearm related products locked and secured from children and any unauthorized users. Safety glasses are recommended during all steps of assembly and disassembly.

Always make sure the firearm is clear and safe before attempting to install or uninstall the laser, making adjustments, or changing batteries in the laser. Never pass the hand in front of the muzzle of a firearm. Always keep fingers outside the trigger guard until ready to fire. Test the LaserMax laser periodically during periods of non-usage to ensure adequate battery levels remain.

The Guide Rod Laser becomes an integral part of the firearm, and, as such, the user should become familiar with its installation and use. For this reason, LaserMax, Inc. strongly recommends that firearm user personally install the Guide Rod Laser sight.

### Initial Inspection

If the shipping package is severely damaged, notify the carrier immediately for insurance purposes.

### Installation

The LaserMax® Guide Rod Laser™ is designed to for use with Sig Sauer firearms, lubricated exactly as described in the current version of the Sig Sauer Owner's Manual. Excess lubricant may interfere with the proper function of both firearm and Guide Rod Laser, as can inadequate lubricant.

#### 1. Field Strip the Firearm

Refer to the Sig Sauer Owner's Manual for instructions on field stripping and firearms safety.

#### 2. Remove Factory Takedown Lever

While pushing takedown lever from the frame with the index finger, use the other hand to pull and rotate takedown lever counter-clockwise to remove (Figure 1 & 2). Retain this part for future use.

**Important:** Do not pull the trigger or decock the hammer at this time. If the hammer is returned to the decocked position during the next step, the locking insert may fall out of the frame.

#### 3. Install the LaserMax Takedown Lever/Activation Switch

*Do not pull the trigger or decock the hammer. If the hammer is returned to the decocked position the locking insert may fall out of the frame, making reassembly much more complex.*

Insert LaserMax takedown lever/activation switch into opening in firearm frame with lever pointing up (Figure 3). Rotate the takedown lever clockwise while pushing into frame. Align takedown lever with hole in opposite side of frame and continue to rotate clockwise while pushing it completely into frame. If installed correctly, takedown lever will be in the downward position and laser switch will be centered in frame.

#### 4. Installing batteries and battery cap

Installation and replacement of batteries is accomplished by removal of the battery cap from rear of laser housing. To remove, push the cap in while rotating cap counter-clockwise. Insert a fresh LaserMax battery pack or three (3) new 393 silver oxide battery cells into battery compartment with the rounded (-) terminal facing in and plus side (+) facing out. To install battery cap, align painted tab with painted notch on cap (only one position is possible). Press in on cap while rotating clockwise to lock in place. Please note: It is normal to feel some resistance while rotating cap into place.

Tip: Prior to installation, ensure that accuracy washer remains in place on laser tube between the battery cap and the spring.



#### 5. Removal of Factory Guide Rod & Spring

With forceful control, slide factory spring guide assembly forward about one-half inch and lift it out of firearm slide. Store factory guide rod and spring for future use.

#### 6. LaserMax Guide Rod & Spring Installation

Slide the LaserMax recoil spring onto the LaserMax guide rod laser housing starting with closed coil end. Note: the LaserMax spring supplied for Sig P229 models chambered in .40 or .357 will have both ends open. Seat the accuracy washer firmly against the battery cap by pushing on recoil spring.

#### Important: If you are installing the Guide Rod Laser in a Sig P228 or P229

The Sig Sauer P229 is offered chambered in 9mm, .357 Sig and .40 S&W. The LaserMax model LMS-2291 fits all P229 models, but spring selection varies by model. It is essential that the correct LaserMax recoil spring be installed to ensure proper operation. Use the supplied *braided spring* for 9mm and the *music wire spring* for .357 Sig and .40 S&W calibers. For Sig P228, use the braided spring. If you have any question about spring selection, call LaserMax Customer Service prior to installation. **INCORRECT SPRING INSTALLATION WILL DAMAGE THE LASER AND VOID THE WARRANTY.**

The LaserMax battery cap has two flats on it. Ensure that the shorter flat is down toward the barrel when installing (Figure 4). With the longer flat of battery cap facing up, firmly grasp battery cap and insert assembly into slide while pushing forward and down. When installing LaserMax guide rod laser, ensure that the short flat on battery cap rests centered and flat against bottom of front barrel lug.

Tip: To ensure proper seating, put the slide upside down on a flat surface to install Guide Rod Laser. When installed properly in the slide, the laser may turn on.

#### 7. Slide Installation

Reassemble slide to frame with laser sight installed. While pulling slide completely to the rear, push the slide catch lever up to lock slide in backwards position. If resistance is felt during assembly, do not force. Instead, remove slide and confirm that battery cap and short flat are positioned as described above, then reassemble. Rotate takedown lever to horizontal position and release slide catch.

That's it! Now test the LaserMax Guide Rod Laser.

### OPERATION

Fully cycle slide several times to ensure that Guide Rod Laser is properly seated. Next, point pistol in a safe direction and push in on activation button within takedown lever with the tip of index finger until a click is felt. Compare laser aiming point to iron sights to ensure proper installation. The Guide Rod Laser features ambidextrous operation and the center position is "OFF." To deactivate the laser, push in on activation button from the opposite side of the takedown lever until a click is felt. Pressing the activation switch further will turn the sight on again.



Figure 1



Figure 2



Figure 3



Figure 4

LASERMAX MODEL	LMS-2201	LMS-2251	LMS-2261 LMS-2261G LMS-2262-IR	LMS-2291	LMS-2291	LMS-2263 LMS-2263G
SERIAL # PREFIX	EExxxxx	CExxxxx	DExxxxx	CExxxxx	CExxxxx	DExxxxx
FIREARM COMPATIBILITY	Sig Sauer P220	Sig Sauer P225	Sig Sauer P226 (9mm)	Sig Sauer P229   P228 (9mm)	Sig Sauer P229 (.357   .40)	Sig Sauer P226 (.357   .40)
FDA Warning Label	LMS-300	LMS-300	LMS-300	LMS-300	LMS-300	LMS-300
Recoil Spring	LMS-201	LMS-281	LMS-261	LMS-281	LMS-291	LMS-201
Battery Pack	LMS-3x393	LMS-3x393	LMS-3x393	LMS-3x393	LMS-3x393	LMS-3x393
Battery Cap/Shock Buffer	LMS-202	LMS-202	LMS-202	LMS-202	LMS-202	LMS-202
Take Down Lever/Laser Switch	LMS-200	LMS-200	LMS-200	LMS-200	LMS-200	LMS-200
Accuracy Washer	LMS-205	LMS-206	LMS-205	LMS-206	LMS-206	LMS-205

### Initial Installation

A first-time installation typically takes about 20 minutes or less. Subsequent installations and battery replacements can be accomplished in less than a minute. LaserMax strives to deliver superior technology. Please take a moment to provide your feedback while completing the product registration form at [www.LaserMax.com](http://www.LaserMax.com).

### Batteries

LaserMax LMS-3x393 battery packs are sleeved for ease of installation and may be purchased through a shooting sports retailer or directly from the LaserMax website. Three (3) 393 button cell batteries may also be used in place of LaserMax battery packs.

To ensure full battery life, avoid getting finger oils on battery contact surfaces. LaserMax recommends keeping a fresh set of batteries for carry and using older batteries for practice.

### Troubleshooting

If you experience an issue with your Guide Rod Laser, follow these steps to check for common problems.

1. To ensure proper seating, fully cycle pistol slide several times, permitting it to return to battery under full recoil pressure.
2. Check batteries. Is the + side up? Are contacts clean and free of oil? If using individual cell batteries: Is the + side up on each cell?
3. Check the battery cap. Is the gold contact pin in place?
4. Is the takedown lever/activation switch installed correctly?
5. Clean the firearm. Excessive lubricant can interfere with contact.

If the above steps do not solve the problem, contact LaserMax Customer Service between the hours of 9am and 5pm EST, Monday-Friday or submit a service request by email to [customerservice@lasermax.com](mailto:customerservice@lasermax.com). Most inquiries are answered within 24 hours.

If the Guide Rod Laser must be returned for service, you must obtain a Return Merchandise Authorization (RMA) number from the LaserMax Warranty Department prior to mailing the product. LaserMax is not responsible for items returned without authorization. Do not return any parts or accessories not specifically requested by the Warranty Department.

### Cleaning & Maintenance

After repeated fire, the lens 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, **first ensure pistol is unloaded and laser is off**. Dampen the end of a cotton swab with isopropyl alcohol. Apply dampened swab to lens and polish in a small circular pattern, making sure to clean around edges of lens. Wipe with a dry swab or cloth.

LaserMax recommends the following replacement schedule for Guide Rod Laser battery caps and recoil springs:

Sig P229 (.40 S&W, .357 Sig): every 2,500 rounds  
 Sig P225 | P228 | P229 (9mm): every 3,500 rounds  
 Sig P220 | P226: every 5,000 rounds

### LaserMax® Limited Warranty

**Registration of this product is required to receive warranty service. Contact LaserMax Customer Service Department at 1-800-527-3703 or go to [www.lasermax.com/support](http://www.lasermax.com/support) to complete registration form.**

LaserMax is pleased to offer a five (5) year limited warranty for this product. To take advantage of this warranty, 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](http://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.

### Questions or Comments?

At LaserMax, we pride ourselves on providing products of uncompromising quality and a level of customer care to match. Contact us 9am-5pm EST Monday-Friday. Most inquiries answered within 24 hours.

Phone: (800) 527-3703  
 Fax: (585) 272-5427  
 Email: [customerservice@lasermax.com](mailto:customerservice@lasermax.com)

### DANGER

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

### WARNING

Avoid direct eye exposure to beam.

Red Laser  
**CLASS 3R VISIBLE LASER**  
 Output Power: <5mW  
 Wavelength: 600-700nm

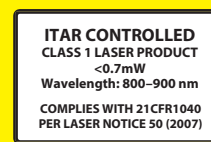


Green Laser  
**CLASS 3R VISIBLE LASER**  
 Output Power: <5mW  
 Wavelength: 510-535nm

### 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.

Infrared Laser **ITAR controlled\***  
**CLASS 1 LASER**  
 Output Power: <0.7mW  
 Wavelength: 800-900nm



\* NOTICE: THIS ITEM IS ITAR CONTROLLED AND CANNOT BE SHIPPED OR CARRIED OUTSIDE THE UNITED STATES WITHOUT EXPRESS WRITTEN PERMISSION FROM THE U.S. DEPARTMENT OF STATE. LASERMAX WILL NOT EXPORT ITAR CONTROLLED PRODUCTS OUTSIDE THE UNITED STATES UNDER ANY CIRCUMSTANCES.

### Safety Compliance Labeling

The FDA requires that the supplied laser warning label be affixed to the firearm with arrow pointing toward laser aperture.

Customer Service: 1-800-527-3703  
 1-800-LASER-03  
[customerservice@lasermax.com](mailto:customerservice@lasermax.com)

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 A Velocity Outdoor Company  
 7629 Routes 5 & 20  
 Bloomfield, NY 14469

See it installed on



For patent information, please visit [www.lasermax.com/patents](http://www.lasermax.com/patents).

