

LaserMax

CENTERFIRE®

LIGHT & LASER SIGHT

WITH

GripSense™

ACTIVATION

Operator's Manual

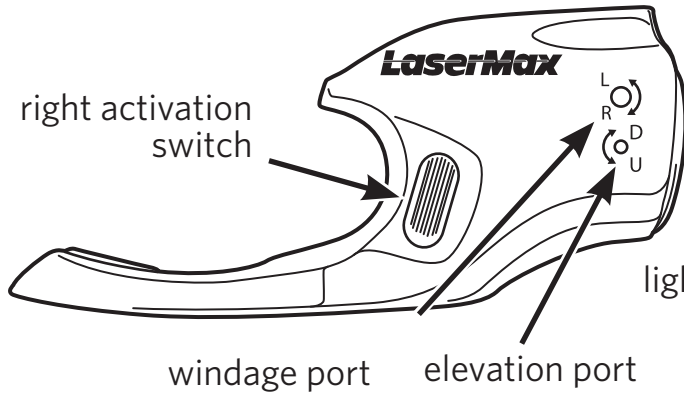
RUGER® LC9S® | LC9® | LC380®
S&W® M&P® SHIELD™ 9mm | .40 S&W®
S&W® M&P® SHIELD™ .45
GLOCK® 42 | 43

CF-LC9-C-R
CF-SHIELD-C-R
CF-SHIELD45-C-R
CF-G4243-C-R

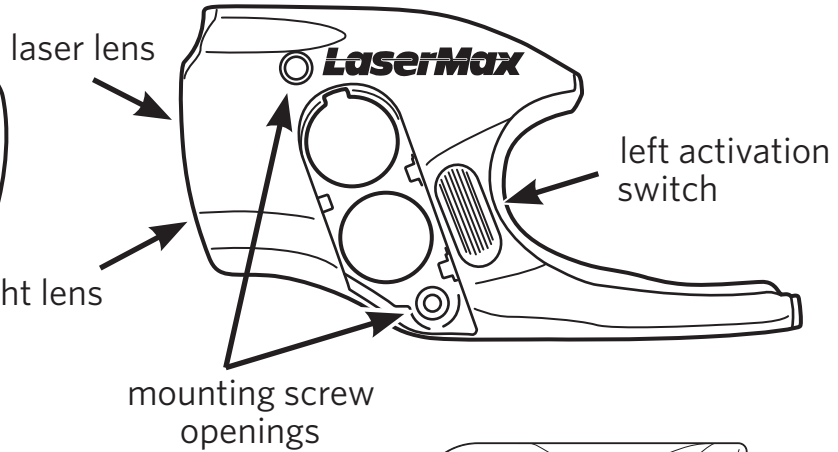
CF-LC9-C-G
CF-SHIELD-C-G
CF-SHIELD45-C-G
CF-G4243-C-G

PARTS IDENTIFICATION

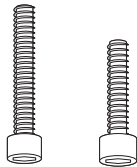
Right Housing



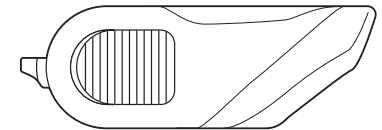
Left Housing



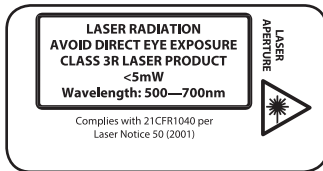
1/3N batteries



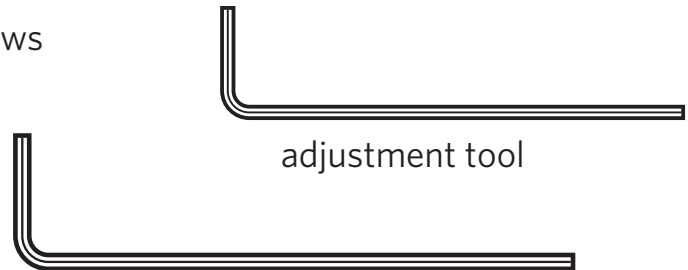
mounting screws



battery access door



laser safety label



adjustment tool

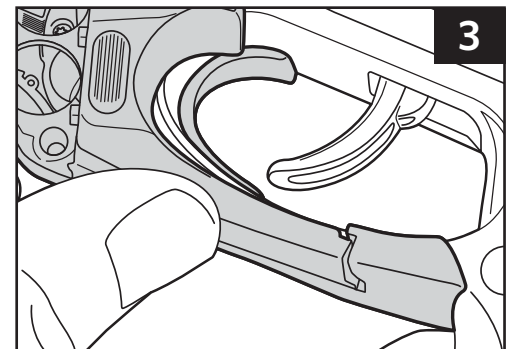
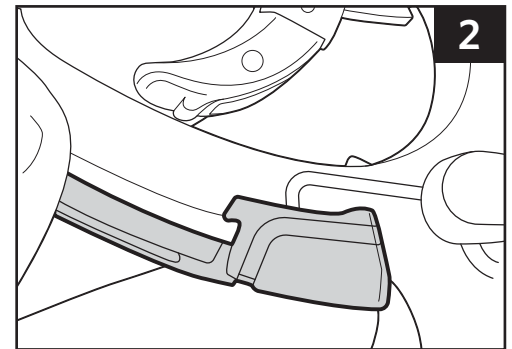
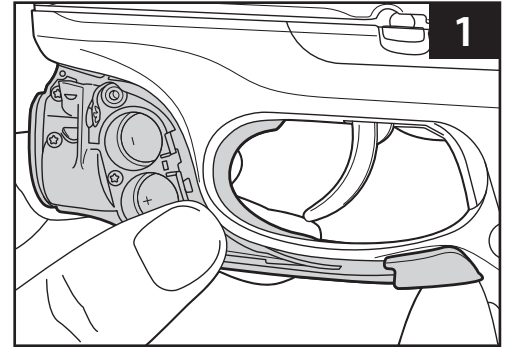
5/64" hex tool

! **IMPORTANT:** Prior to installation, battery change, cleaning or maintenance, follow the firearm operator's manual to ensure that the firearm is unloaded.

INSTALLATION

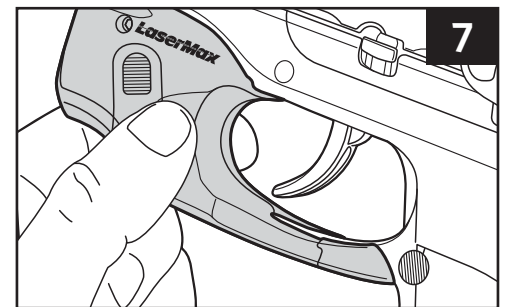
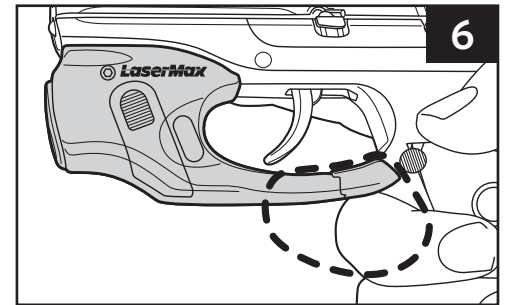
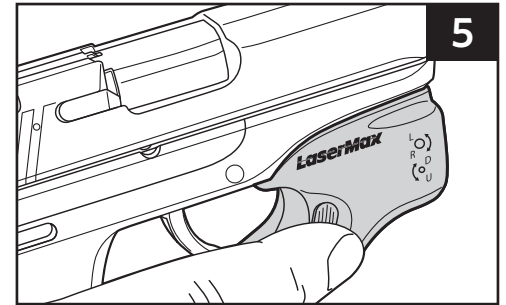
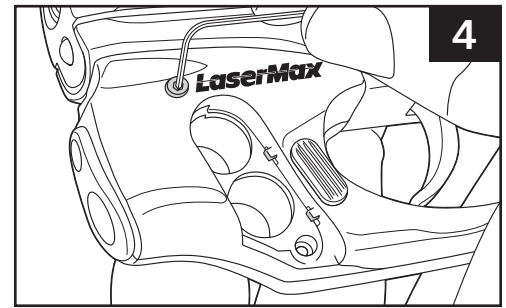
! This state-of-the-art laser sighting system is designed for use with a specific pistol platform. Do not attempt installation on any other firearm model/s.

1. Place *right housing* onto trigger guard of pistol as shown, ensuring that rear portion of *right housing* is securely positioned (figure 1) and trigger guard is aligned with channel in *right housing* (figure 2).
2. Press *right housing* firmly in place by applying upward pressure to rear portion until housing snaps into place.
3. Remove battery access door on *left housing* as described in Battery Replacement, then insert rear portion of *left housing* into the right housing at a 45 degree angle (figure 3).
4. Mate *left housing* with *right housing*, press together to remove gap.
5. Install two (2) *mounting screws* into left housing with 5/64 *hex tool*, starting with longer screw closest to barrel (figure 4). Next, tighten each *mounting screw* until secure. Do not over-tighten; this may damage the CenterFire® housing.
6. Install batteries as described in BATTERY REPLACEMENT and insert *battery access door*.



OPERATION

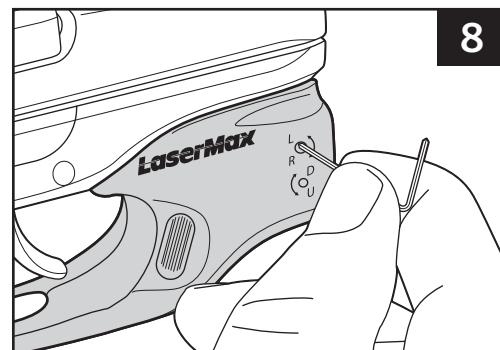
1. **Switch Activation** - Press and release *activation switch* on either side to turn on light and/or laser. Press and release again to turn off. (figure 5).
2. **GripSense Activation** - When hand is within the *detection zone*, the unit will turn on (figure 6). When hand is removed from the *detection zone* the unit will turn off. The light and/or laser can also be turned off by pressing and releasing either *activation switch*. To turn back on, press and release either *activation switch* or remove hand from the grip and re-grip the firearm.
3. To set activation mode, turn unit off. Make sure neither hand is in the *detection zone*, then press and hold both *activation switches* at the same time (figure 7) for 5 seconds or until the light flashes once for GripSense Activation disabled or twice for GripSense Activation enabled.
4. **Light and Laser Programmable Modes**
Light and Steady Laser, Light and Pulsing Laser, Steady Laser only, Pulsing Laser only, Light only.
5. To change Mode Selection, turn the unit on using either *activation switch*, then press and release both *activation switches* at the same time to go to the next mode. Repeat this step to cycle to desired mode. Then press and release either *activation switch* to keep in selected mode.
6. To save power and prevent inadvertent battery drain, the CenterFire® Light & Laser will shut off automatically after a ten minute period of inactivity. Cycle the *activation switch* to turn laser back on.



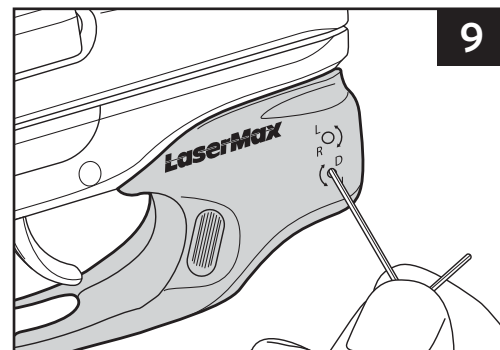
7. The light is dimmable from 100 down to 4 lumen. To dim, turn the light on then press and hold the activation switch until the desired level is reached then release. Press and hold the *activation switch* again to increase the light output level. Releasing the switch sets the brightness that will be maintained until readjusted.

ALIGNING THE LASER

1. Verify proper alignment by comparing laser aiming point to iron sights at a distance of 10 yards for initial alignment. The laser dot should be slightly above the iron sights.
2. To make adjustments, insert the *adjustment tool* into one of the two *alignment ports* (figure 8) 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 3 inches at 10 yards.
3. Windage adjustment: with the muzzle pointing forward and the adjustment tool inserted into the alignment port on the upper 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 (figure 8).



4. Elevation adjustment: with the muzzle pointing forward and the adjustment tool inserted into the alignment port on the lower right side at a 45° angle, a clockwise turn will shift the laser beam down and a counterclockwise turn will shift the laser beam up (figure 9).
Note: a slight shift in alignment may be observed after firing Centerfire Light & Laser for the first time. Recheck alignment after break in and readjust as necessary.



BATTERY REPLACEMENT

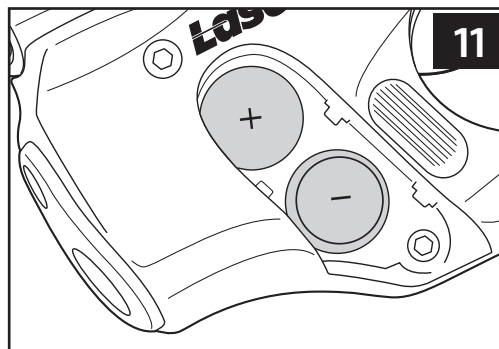
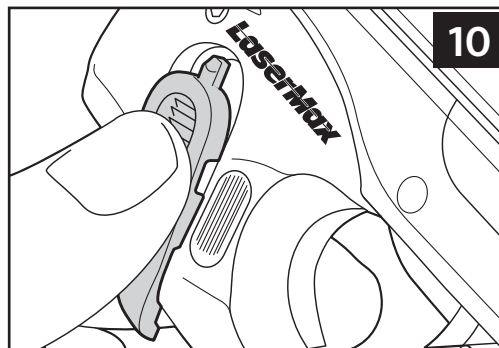
1. Push in on battery cover to release interlock then slide down to remove (figure 10). Remove batteries.
2. Install fresh 1/3N Lithium batteries with the positive (+) and negative (-) facing as shown (figure 11).
3. Before replacing battery cover, make sure neither hand is in detection zone. Place battery cover in place, press in and slide battery cover toward barrel.

! If hand is in detection zone when replacing battery cover, GripSense Activation will not work initially. Remove hand from unit and wait about one minute. Now GripSense Activation will work correctly.

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

Firearm should be cleaned and lubricated exactly as directed in the Owner's Manual. Excess lubricant can interfere with the proper function of both the firearm and the CenterFire® Light & Laser. LaserMax components should never be submerged or flushed with cleaning solvents. Failure to adhere to these guidelines may cause damage and void the factory warranty.

REPLACEMENT PARTS

06225-3-1	CF-LC9-C battery access door (Ruger)
06249-3-1	CF-SHIELD-C battery access door (Smith & Wesson)
06260-3-1	CF-G4243-C battery access door (Glock)
LMS-AT50	.05" adjustment tool
06297-0-1	5/64 hex tool
LMS-13N	replacement battery
LMS-2x13N	2-pack replacement batteries
06233-0-1	short mounting screw
06234-0-1	long mounting screw

Check out the collection of gun sights we offer.