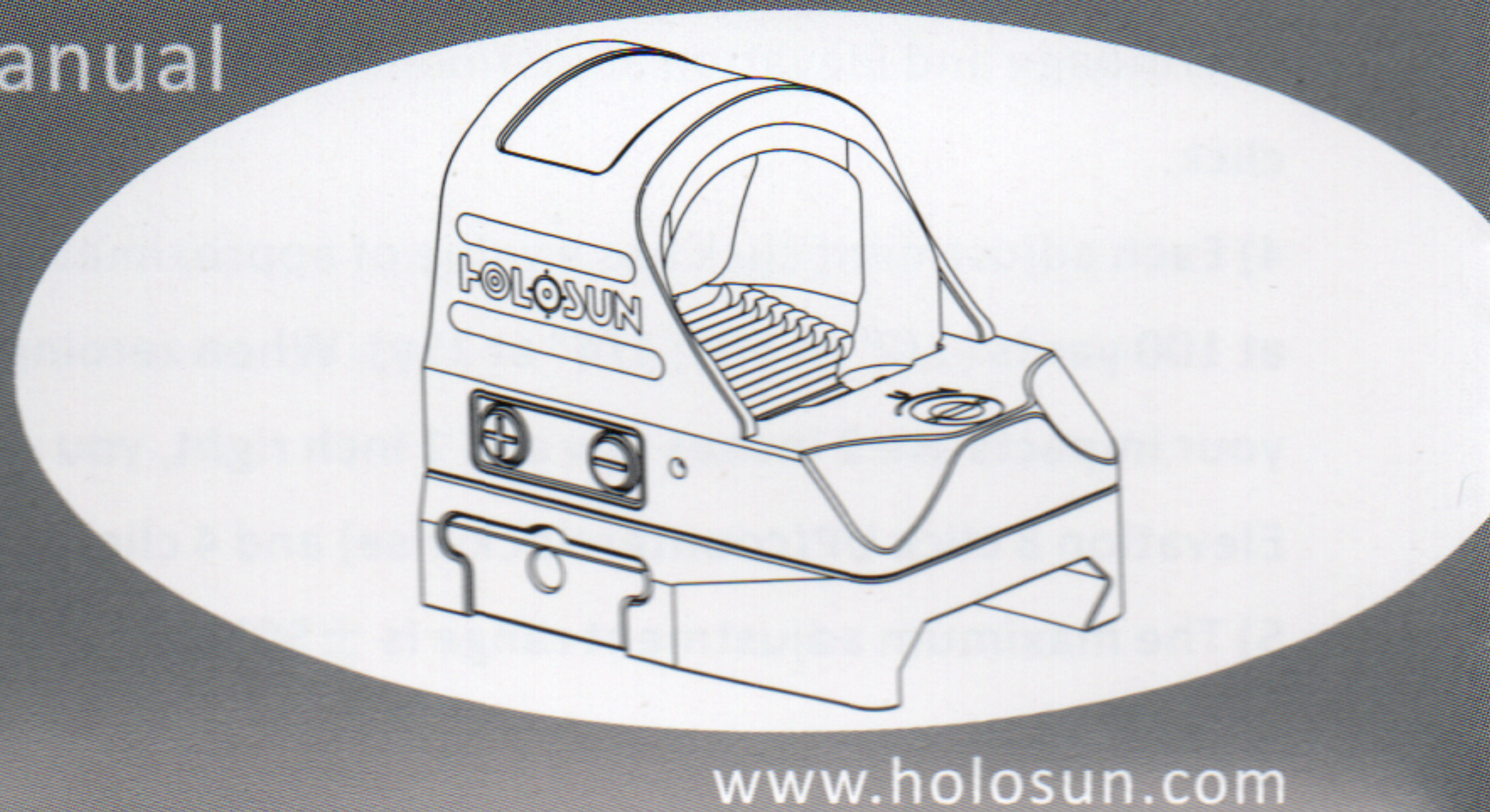


Reflex Sight User's Manual



www.holosun.com

Important Notices

1. Ensure the firearm is unloaded and safe by removing all ammunition and magazines from firearm and verifying an empty chamber before installation and battery replacement
2. Please keep the packaging should you need to make a warranty claim.

Objective Lens

A canted objective lens is part of the design of reflex/reflective optical sights. In order to create a proper reflection of the reticle/dot

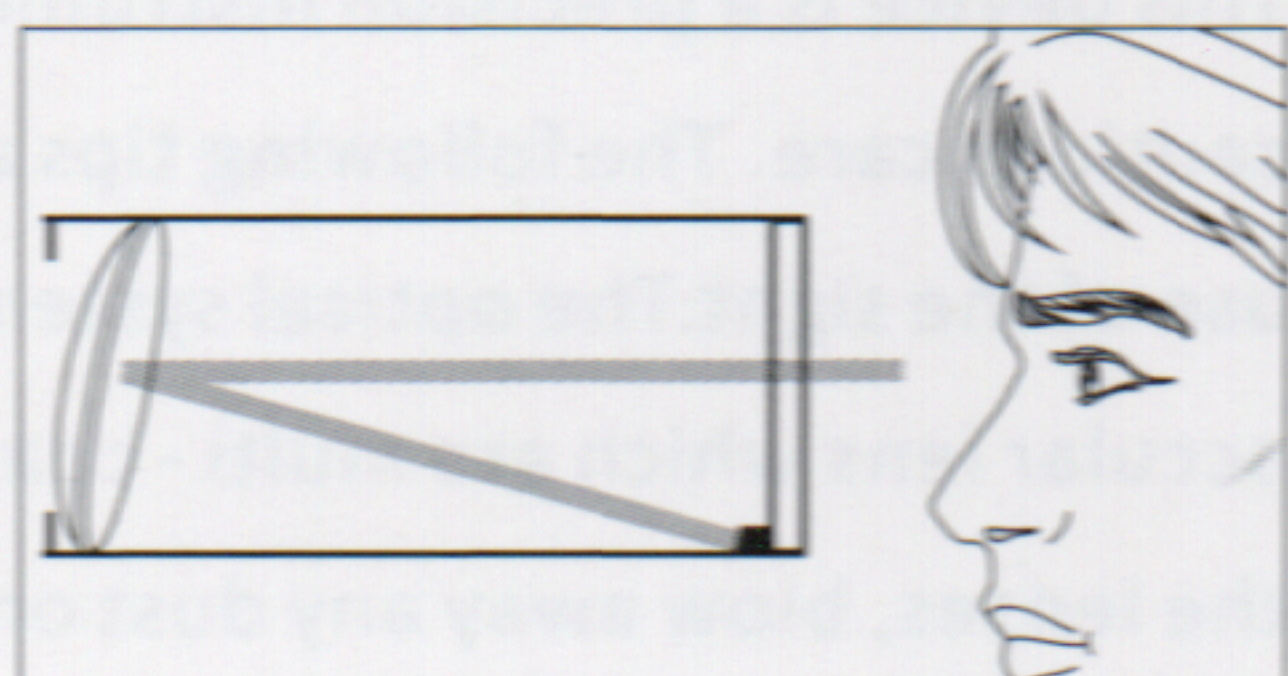


Fig2

the objective lens must be perpendicular to the LED. Because the LED is mounted to the side of the internal tube the objective lens will be canted towards the LED.

Features

- 1) Automatic reticle intensity adjustment in Auto Mode
- 2) 8MOA Open Circle Reticle that is 0.75MOA thick
- 3) Shake Awake™ - Slight motion will power of to last setting
- 4) Parallax free, unlimited eye relief
- 5) Drain holes on both sides of the optic allow for excess water to escape during wet conditions
- 6) CNC milled 7075 Aluminum Housing
- 7) 10 daylight and 2 night vision compatible brightness settings
- 8) Window Size 0.63x0.91 inches
- 9) IP67 Certified

Battery

1. Operates with our Solar Fail Safe™ dual power system (solar cell and internal battery). One high quality CR2032 Lithium battery is included with purchase.

2. A high quality battery can power this device for up to 100,000 hours at setting 8.

Caution: Do not use a rechargeable battery.

3. Battery replacement:

- 1) Remove the two mounting screws and remove the sight from the mount (Fig 3-1).

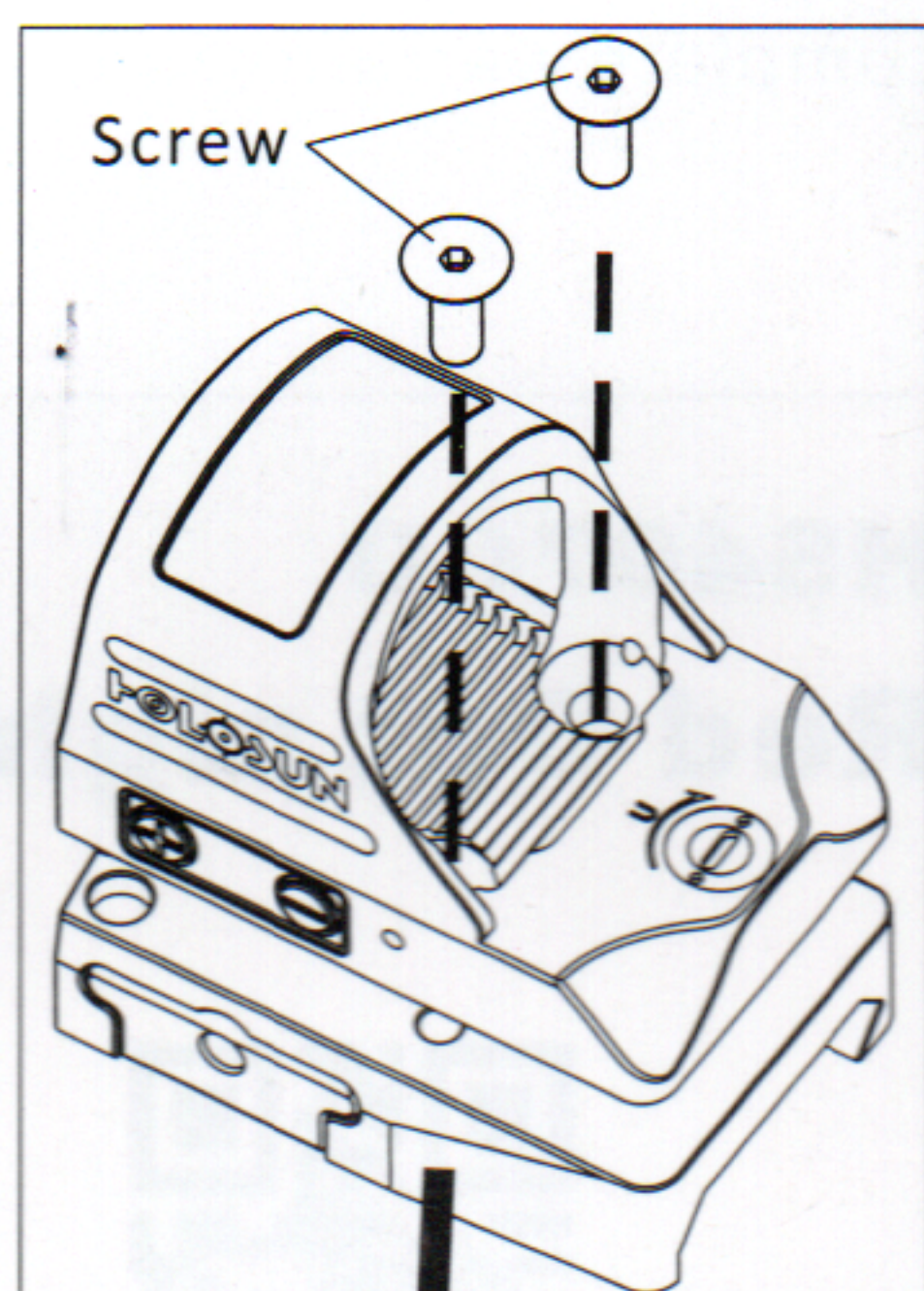


Fig 3-1

Thank you for purchasing the HOLOSUN HS407CO Reflex Sight. This open reflex sight is sized for use on either a pistol or rifle. The stream lined design, Shake Awake™ technology, and our Solar Fail Safe™ dual power system combine to make it the ideal sight for small arms. Before operation, please read the User Manual carefully.

Model

HS407CO



RED Circle

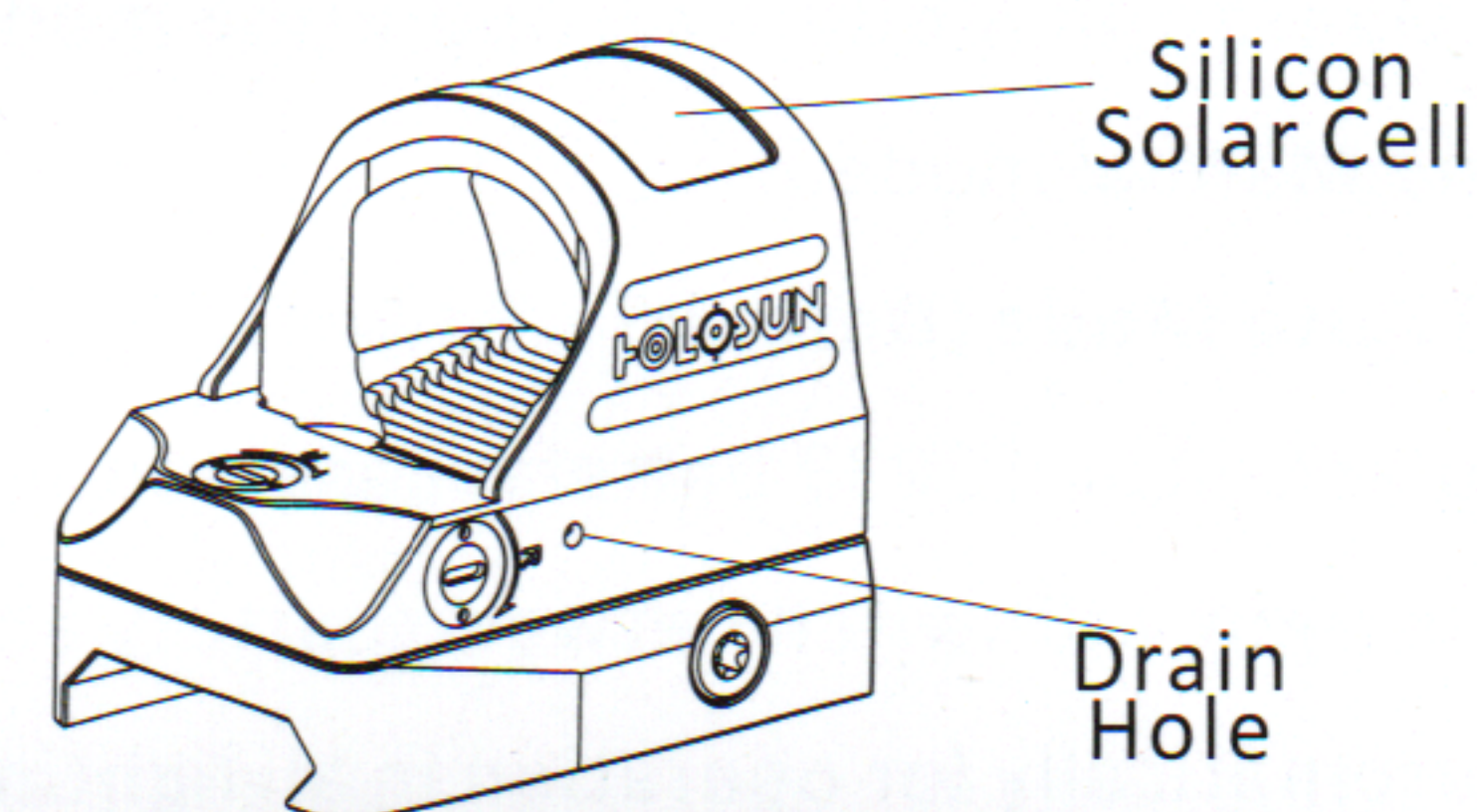


Fig 1 HS407CO Reflex Sight

- 2) Unscrew the battery cap using the included special tool (Fig 3-2) as shown in (Fig 3-3).
- 3) Remove the old battery and insert the new battery with positive (+) facing outward and the negative (-) side facing inward.

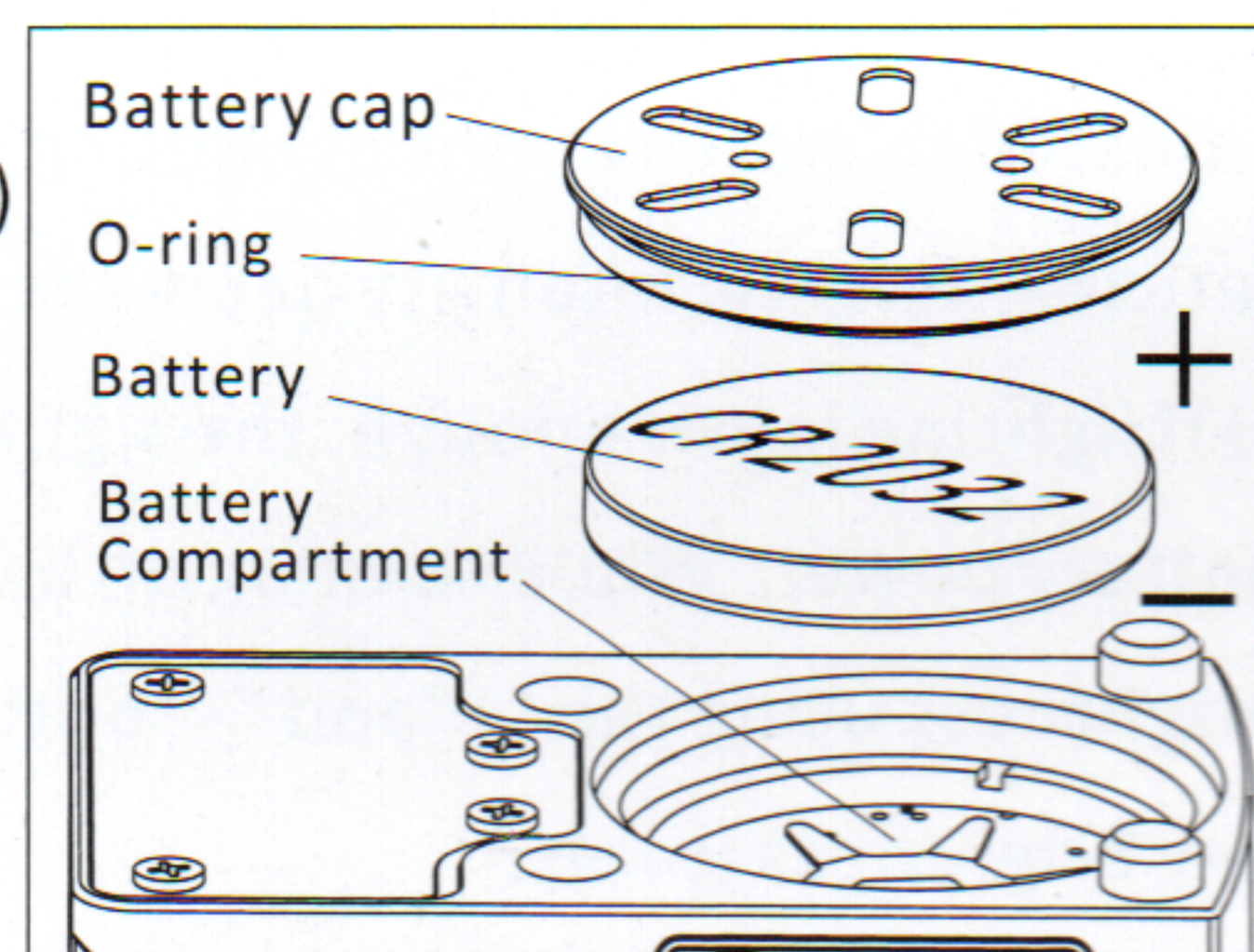


Fig 3-3

- 4) Replace the battery cap and tighten snugly using the included special tool (Fig 3-2) according to (Fig 3-3).
- 5) Reinstall the HS407CO using the two screws and tighten to 15 INCH/lbs using a non-permanent (medium/blue) thread locker.

Single tipped end (1) is used to adjust the Windage & Elevation.

Double tipped end (2) is used to remove/replace the battery cap.



Fig 3-2

Rail Installation

1. The included rail mount enables this sight to attach to any firearm with a Picatinny or Weaver Rail. If the firearm has no compatible rail, contact a qualified gunsmith.

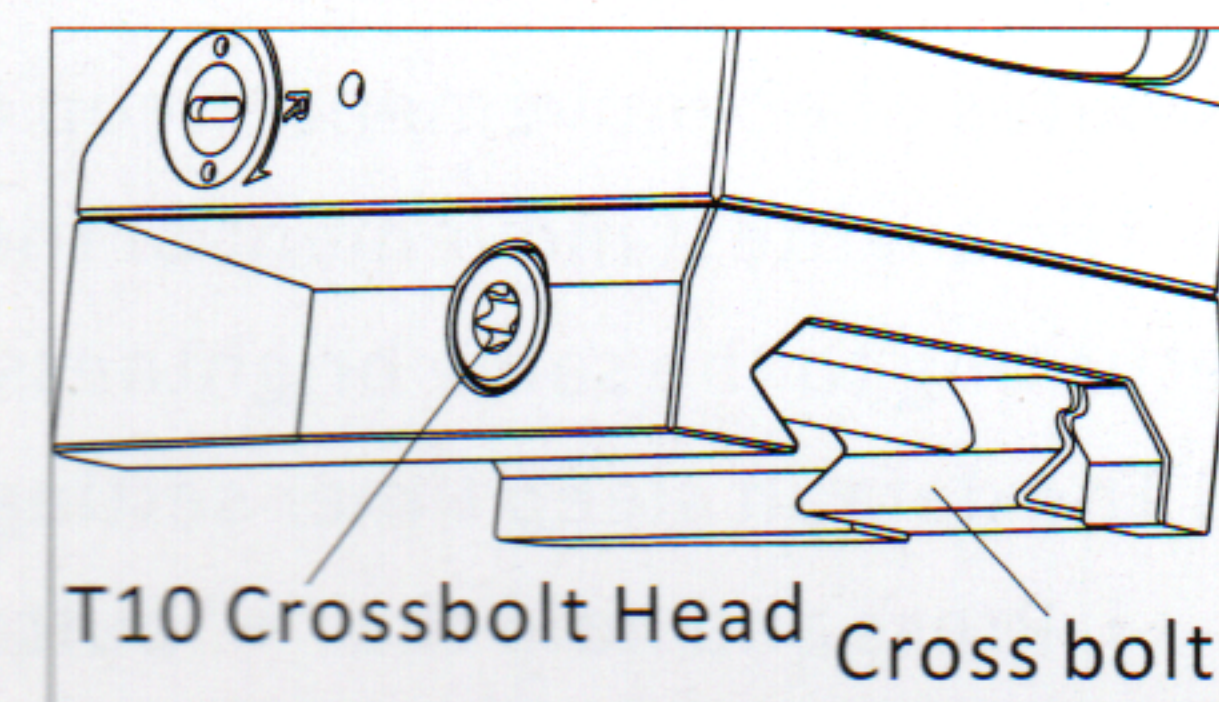


Fig 4-1

2. Using the included T10 Torx wrench loosen the cross bolt. Attach the sight onto the mounting rail in an appropriate position. Tighten the crossbolt to 20 INCH/lbs using a non-permanent (medium/blue) thread locker. (Fig4-1)

Slide Installation

NOTE: HS407CO is compatible with some standard mounting interfaces currently available. For a footprint drawing, contact HoloSun.

1. Remove the two screws shown in the figure 3-1 and remove the rail mount from the HS407CO.

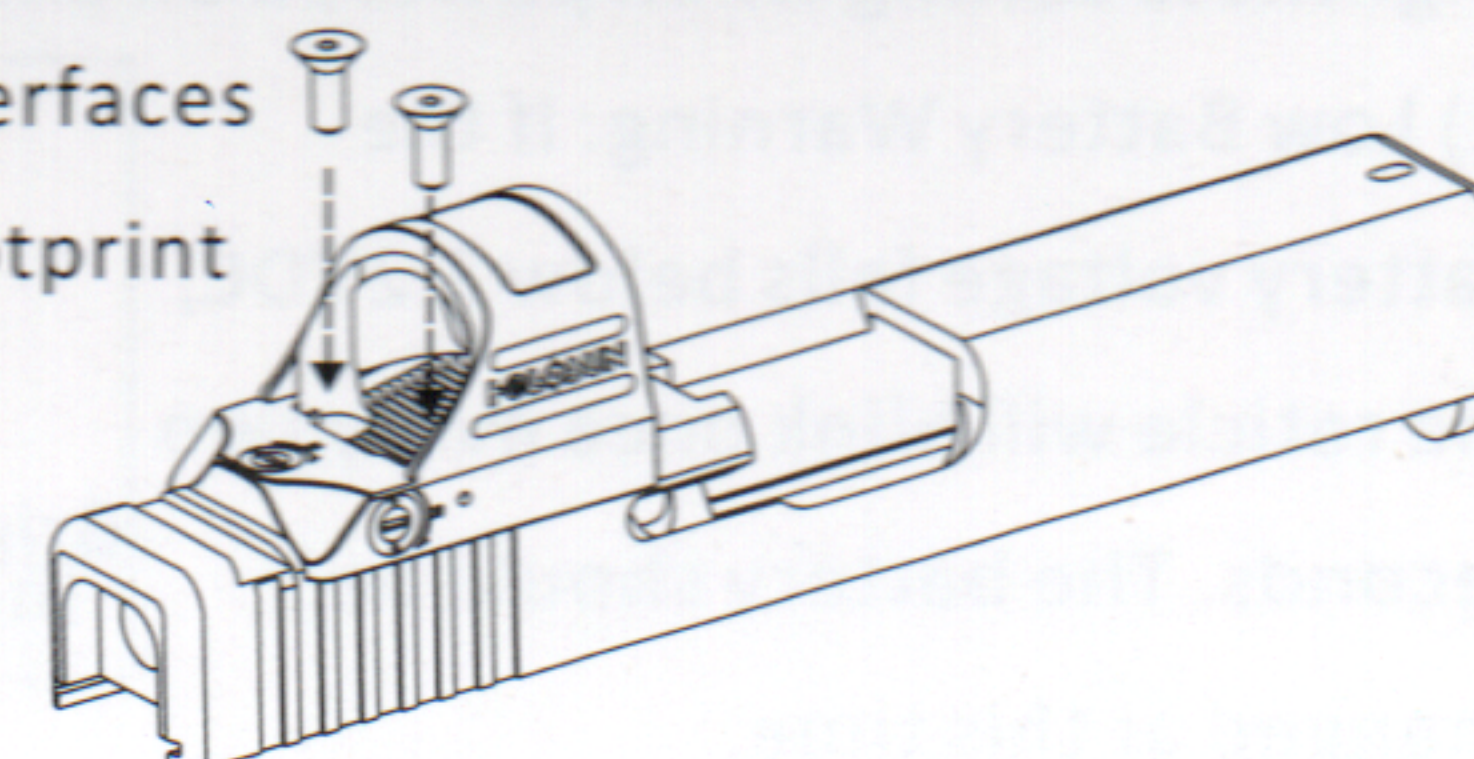


Fig 4-2

2. Place the HS407CO on a compatible slide cut or adapter plate.
3. Use either the included screws or screws supplied with your slide or from your gunsmith and tighten to 15 INCH/lbs using a non-permanent (medium/blue) thread locker.
4. Verify proper clearances and firearm function prior to use.

Sight Operation

1. Power ON: Press and release either brightness button ("+" or "-") to turn on the sight.

2. Power OFF: Press the "+" and "-" buttons simultaneously to turn the power and motion sensor off.

3. Operation Mode: Two operation modes are available: Auto mode and Manual mode.

1) Auto Mode (Default) - Powered by a two-way power supply via Solar Cell and 2032 battery. Based upon ambient lighting conditions, the sight will switch between battery and solar cell power automatically for operation in all lighting conditions.

Auto Mode Operation:

a) The HS407CO always defaults to Auto mode when the battery is removed.

b) While in Auto mode, the brightness of the reticle is automatically adjusted to match ambient lighting. The brighter it is, the higher the reticle intensity. Intensity decreases as ambient lighting decreases.

c) If lighting is low enough, the sight will automatically switch to battery power. While running on battery, you can adjust the reticle brightness using the "+" and "-" buttons to switch between high and low brightness levels.

2) Manual Mode:

a) To select manual mode, hold the "+" button for about three seconds until the reticle blinks to confirm you are in Manual mode.

b) **Brightness adjustment:** There are 12 settings for reticle brightness level in manual mode. The default brightness is at 7 when the device is switched to this mode. The brightness can be adjusted as required by pressing the "+" or "-" to increase or decrease the brightness level, one press for one change in brightness level.

3) Return To Auto Mode: Hold the "+" button down for about 3 seconds until the reticle blinks to confirm you have switched back to Auto mode.

4. Sleep Mode:

1) The HS407CO will automatically enter into sleep mode after 10 minutes of no movement. Sleep mode powers the reticle OFF.

2) The slightest movement of the sight will awaken the reticle returning to the same brightness setting.

3) The default sleep timer setting is 10 min, with 3 additional settings.

i. Press and hold the "+" button for 10 seconds to enter the sleep timer setting mode. There are 4 options: 10 min, 1h, 12h or the sleep mode is disabled.

ii. Press the "+" or "-" button to select a setting. The LED will blink (1=10 min, 2=1h, 3=12h, or 4=disabled sleep mode).

iii. Press the "+" and "-" buttons simultaneously to save the timer setting and power off the sight.

5. SPECIAL NOTE:

1) **Memory Function:** This sight will remember the last saved brightness setting when powered on and off.

2) **Low Battery Warning:** If the battery voltage falls below 2.2VDC, the reticle will blink once every two seconds. The battery should be changed at this time.

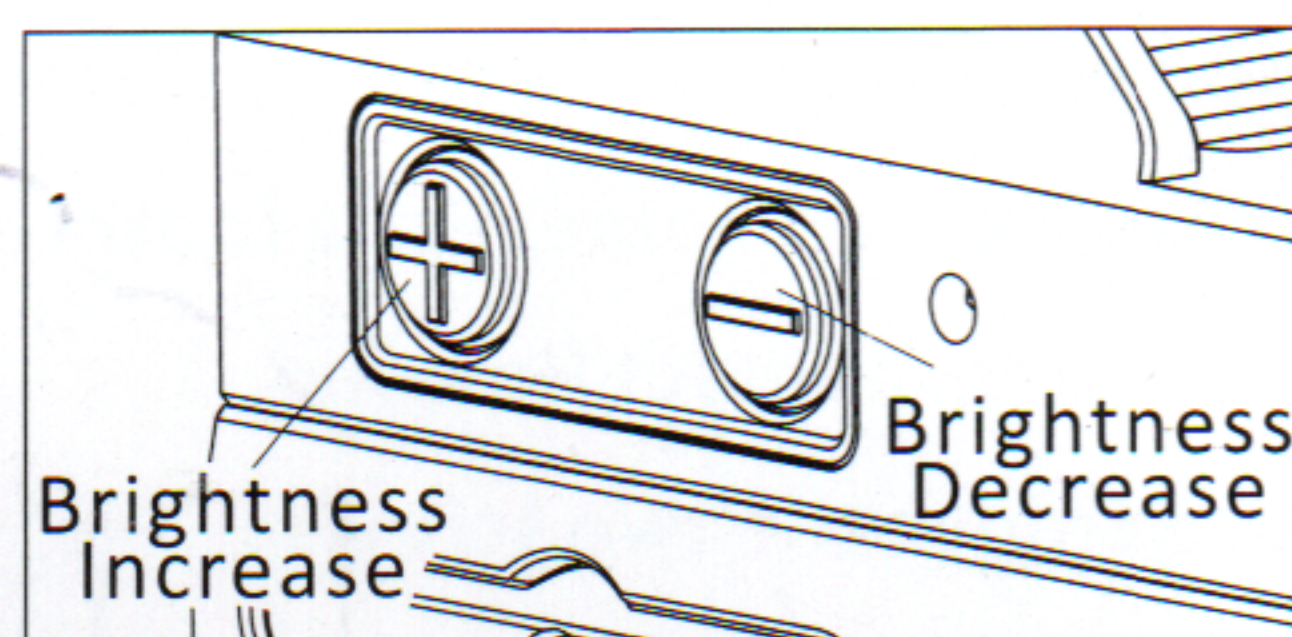


Fig 5

Zero setting

1) This sight has been factory adjusted to an approximate 25 yard zero and should require minimal adjustment to achieve zero.

2) The Elevation adjustment is located on top of the tail section of

the housing and the Windage adjustment is located on the right side of the housing. Adjustment can be performed by inserting the single tipped end of the included tool into the turret slot and rotating, See Fig 6.

3) Windage and Elevation adjustments are approximately 1 MOA per click.

4) Each adjustment click has a value of approximately 1 MOA or 1 inch at 100 yards (1/2" at 50y; 1/4" at 25y). When zeroing at 25 yard, if your impacts are 2 inches low and 1 inch right, you will need to adjust Elevation 8 click UP (counterclockwise) and 4 clicks LEFT (clockwise)

5) The maximum adjustment range is ± 50 MOA.

Caution: If you feel the knobs can no longer be rotated, you may

have reached the mechanical limit of the adjustment turret.

Do not try to rotate the knobs further if you feel binding or you may cause damage.

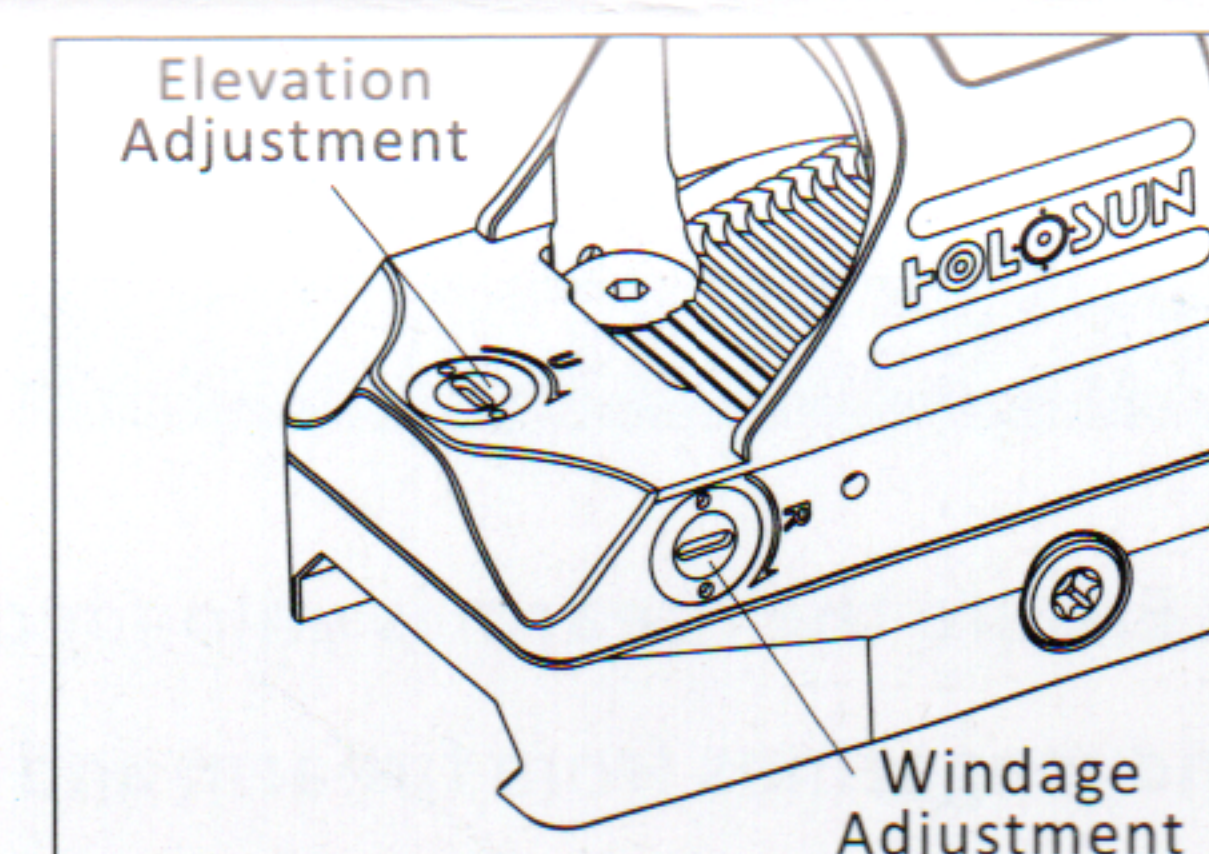


Fig 6

Maintenance & Care

This device is a precision instrument that deserves reasonably cautious care. The following tips are provided to ensure long lasting use of the sight. The optical system includes the objective lens and ocular lens which are multi-coated optical glass. When cleaning the lenses, blow away any dust on the surface, wet the lens with lens cleaner or clean water, wipe fingerprints and oil stains with a lens tissue, soft cotton, or microfiber cloth. No special maintenance is needed for housing surface. Avoid touching the glass surface with a dry cloth or tissue paper. No organic solvents such as alcohol, acetone should be used. Do not try to dismantle the device as the internal parts are specially cleaned and sealed and with anti-fog treatment. Any such attempt will void the warranty. If repair is needed, please call our customer service center, visit our website, or send us an email.

Limited Warranty

We provide a limited lifetime warranty from the date of purchase on parts and workmanship to the original purchaser. At our sole discretion, we will repair or replace products found to be defective under normal use without charge, excluding any delivery costs, which will be born by purchaser. We will not be liable for incidental, consequential, or special damages arising out of or in any connection with the use or performance of this product. This warranty is void if the product has been misused, modified, neglected, or disassembled prior to its return. Please refer to www.holosun.com for current and complete warranty information and other conditions.

HS407CO Red Dot sight



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