Frequently Asked Questions & Troubleshooting

Bore Sights & Arbors

I don't see the caliber arbor I'm looking for in your Cross Reference Guide. Do you have it available, or can you make one for me?
Sorry, we only have arbors for the calibers listed in the Cross Reference Guide. Custom arbors are only available in large quantities. Sometimes we may be able to find an arbor that may work in your rifle, contact us about what caliber you are trying to bore sight and we will see if there is another caliber that will give you a good bore sight in your caliber. email us at aimshot@aimshot.com if you have a caliber not listed. Another option is to purchase a 12 or 20 gauge shotgun arbor and have a local machine shop turn that down to have a custom caliber made just for you!

What is the small plastic rod included with the package used for?
The small rod is designed to help you remove the laser bore sight module from any arbors where the laser in fully enclosed in the arbor. Just use the rod to push the laser out of the arbor. In some cases you may need to use a cleaning rod to remove the arbor from the chamber of the rifle. This will not damage the laser/arbor in any way.

Where can I find batteries for my Bore Sight?
The original batteries that were included with the Bore Sight are available from AimSHOT via the website or you can use the following chart to find replacement batteries. Amazon.com and other online retailers we have found will have the freshest batteries compared to local stores where the batteries may have been sitting for a long time. **Make sure you purchase ALKALINE batteries and not Silver Oxide!!!**
LR44 (for the 6332 red laser and HG M2/D2 sights) = AG13, SR44, SG13, LR154, EPX76, 357
LR41 (for the BS223, BS17, BS204) = AG3, SR41, 192, 392
L626 (for the BS30, X-bow, BS9) = AG4, LR66, SR66, 177

Symptom	Solution
My Bore Sight doesn't light, or is intermittent.	Make sure you are using the correct model and number of batteries. BS223, BS22320X, and BS17 use THREE LR41 Batteries BS9MM uses THREE L626 Batteries BS30CARBINE uses FOUR L626 Batteries Confirm that you are using Alkaline batteries. Many "equivilent" size batteries are silver oxide, which are much better suited for long low drain applications such as hearing aids. The laser needs a strong current that is provided by fresh alkaline batteries. Just because it's the same size, doesn't always mean it is the same battery. The conversion chart listed above has some similar sizes but typically: LR41=AG3, L626=AG4 and LR44=AG13 are your safest options. If the laser lights up briefly (a few seconds or only a minute or two) and then dims, there is nothing wrong with the laser, but the batteries do not have enough power to keep it running. Put in new batteries from a known good/fresh source. If the laser does not turn on at all, even with fresh batteries, there is more than likely an issue with the laser module and it may need to be returned to AimSHOT. Please contact us for instructions to return the laser to us for inspection. Most often, the problem is related to weak batteries.Typical run times for the 9mm are 10-15 minutes (the smaller batteries and only 3 of them), the 30 Carbine and 223 lasers usually 15-25 minutes with fresh batteries. In the external battery box versions (using two AAA batteries), sometimes there can be a bad connection between the batteries and the contacts inside the box. Touch something metal between the battery and the contact to see if it's not making good contact or there is any corrosion on the contacts. Lightly scratch the surface of the contact or place a small piece of foil between the contact to temporarily fix.
The bolt on my rifle won't close all the way with the Bore Sight in the chamber.	The bolt does not have to be closed for the Bore Sight to do its intended function. In most cases we recommend NOT closing the bolt as it can damage the bore sight thru hammer/firing pin strikes and it's not needed to hold the bore sight in place. As long as the Bore Sight fits snug in the chamber, does not wiggle, and the laser dot is coming out the barrel, you should get an accurate bore sight. We don't recommend closing the bolt for the bore sight to function properly, and with the external battery pack versions, it can damage the wire to the battery pack.
The slide on my pistol won't close all the way with the Bore Sight in the chamber.	If your barrel does not tilt upwards with the slide back, then the slide does not have to be closed for the Laser Bore Sight to do its intended function. In this case, as long as the Bore Sight fits snug in the chamber, does not wiggle, and the laser dot is coming out the barrel, you are good to go. If your barrel does tilt upwards with the slide back, the AimSHOT Laser Bore Sight may not work for your particular pistol. Some pistols have very stiff extractor springs are are designed to NOT slide over a round that has been placed in the chamber. In this case you will need to remove the extractor spring (check with your gun manufacturer about procedure) to get the extractor to slide over the rim of the laser bore sight. We have designed our Bore Sight to fit as many pistols as possible, but cannot guarantee fitment on every pistol out there.

Red/Green Laser Sights

I've heard about counterfeit AimSHOT laser sights on the market. How do I know if I have a genuine AimSHOT laser sight?
The easiest way to tell if you have a counterfeit or not is to look at the head of the laser sight with the lens cap off. On a genuine AimSHOT laser sight, you will be able to clearly see the brass housing of the laser module inside, about 1cm in diameter. If you have any questions about if you have a counterfeit green laser, please contact AimSHOT for a sheet with photos that will show the differences or click HERE.

Can I use rechargeable batteries in my laser sight?
Rechargeable batteries are not recommended since they have a higher voltage when fully charged. Also, due to the poor quality of some rechargeable batteries, they may leak or explode. The green lasers that include a rechargeable Li-Ion battery only carry a 1 year warranty on the batteries.

Symptom	Solution
My laser sight doesn't light, or is intermittent	If your laser sight has a lens cap (waterproof models), remove it and you will see four alignment screws. Make sure these alignment screws are securely tightened. They only need to be snug, do not overtighten these screws! These act as conductors to the laser module inside. To confirm the laser module is not defective, remove the switch from the end of the laser if so equiped, and use a metal object to short the battery to the housing. If this lights up the laser, your switch may be defective.
Switch is not working	Be sure the switch is screwed on tightly. In many cases the o-ring is dry and keeping the cap from fully tightening on the body and making contact with the battery and body of the laser. Put a light dab of oil/lubricant on the o-ring. Only AimSHOT switches will work on our laser sights.
(KT8103 Only) My quick release rail mount is too tight or too loose on the rail.	Follow instructions HERE to adjust the quick release rail mount. It does not take much pressure to keep the QR tight on the rail. You should start to feel tension about 45 degrees from being closed (i.e. if it is closed at the 3:00 position, you should feel tension on the lever around 1:30).

HeatSeeker

Will I be able to find a mole underground, or an animal buried in a pile of leaves?
The HeatSeeker must have a direct line of sight with the animal/object you are looking for to be able to detect it. There must also be a significant difference in temperature between the animal/object and the environment. The HeatSeeker cannot detect through glass or other solid objects.

Will I be able to track a deer through tall grass?
The HeatSeeker should be able to track a deer through tall grass as long as it's not too dense. Even though you may not be able to see the deer, the HeatSeeker should be able to detect the heat from the deer even if it is laying down as the heat will rise from the deer. Again, the larger the temperature differential, the better chances you have of finding the heat source.

What kind of range can I expect from the HeatSeeker?
The HeatSeeker will have the best range under optimal conditions (cold day with no wind). The unit works on detecting a difference in temperature between the item being searched for and the background/ambient temperature. The greater the differential, the greater the range (i.e. cold day, hot object will be detected further way than when it's warmer ambient temperature). The smaller the object you're looking for, the shorter the distance the HeatSeeker will be able to detect it at. There must be a difference in temperature between the animal/object you're looking for and the environment. The HeatSeeker is not a magical device that will find whatever you are looking for. You can also adjust the sensativity on the unit to work best in your environment.

Remember that in order for the HeatSeeker to work, it must be moving (waving the HeatSeeker back and forth). If you stop moving the unit, there is no longer a differential of temperature and it will not signal.

Reflex Sights

Symptom	Solution
I cannot get enough elevation or windage adjustment to sight in my weapon.	Be sure your reflex sight is mounted as close to the barrel as possible. In rare circumstances, the optics may have been mis-aligned at the factory. Contact AimSHOT.
My sight will not turn on, or works intermittently.	Check the battery contacts, specifically the inside of the battery cap. It is aluminum to conduct the electricity and sometimes there can be oxidation on the inside of the cap that creates a poor contact. Use steel wool or something abrasive to remove any oxidation and that should return the sight to full function. Also double check for good batteries. Sometimes low battery output will give sporadic function. Check voltage of battery.
My sight will not hold zero	Mostly on the HG-M2/D2 models- make sure that the set screws (particularly the windage) are snug. Proper procedure is to loosen the set screws, make any windage and elevation adjustments, then tighten the set screws before shooting. Repeat as necessary to align reflex sight to point of impact.
(HG-PRO Only) My quick release rail mount is too tight or too loose on the rail.	Follow instructions HERE to adjust the quick release rail mount. It does not take much pressure to keep the QR tight on the rail. You should start to feel tension about 45 degrees from being closed (i.e. if it is closed at the 3:00 position, you should feel tension on the lever around 1:30).

Mounts

Symptom	Solution
My quick release rail mount is too tight or too loose on the rail.	Follow instructions HERE to adjust the quick release rail mount. It does not take much pressure to keep the QR tight on the rail. You should start to feel tension about 45 degrees from being closed (i.e. if it is closed at the 3:00 position, you should feel tension on the lever around 1:30).

Flashlights

Symptom	Solution
My light doesn't work, or is intermittent	To confirm the light is not defective, use a metal object to short the battery to the housing. Remove the switch from the end of the flashlight. Use a bare metal object such as a key or a screwdriver to connect the negative terminal of the battery to the housing of the light when the switch is removed. If the light turns on, your switch may be defective. You can also test the second switch to confirm the light works vs. a problem with the switch. Check the condition of the o-ring seals on the flashlight. If they are dry or damaged this can prevent the switch from contacting the body of the light and will prevent proper function. Oil or lubricate the o-ring to restore proper function and water proof capability.
Switch is not working	Be sure the switch is screwed on tightly and put a light dab of lube/oil on the o-ring. Only AimSHOT switches will work on our lights.

If you have any questions about troubleshooting any issue with any AimSHOT product, feel free to contact us. Most of our products have 1 year warranty to the original owner.

Make sure to include inside your package your name, address and contact information!

Our contact information and mailing address is provided below:

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