# ABC-2000-PIVOTAL
# BOW HUNTING SIGHT SYSTEM – INSTRUCTIONS

We begin the "sighting-in" process by first mounting the sight on the ABC Pivotal Bracket. **Set the bracket to zero,** make sure the sight is aligned with the arrow (windage) so that you have to make minor adjustments (left or right) once on stand. Also, **the sight should be mounted so that the middle of sight is approximately where the 30 yard pin should be** (this minimizes vertical movement, up or down, to the entire unit once on the stand.

**Climb to the desired height** and **make a note of that height**. This will be your "sighting-in height **(zero mark on your bracket).** Because, **once "sighted-in" from that height you will be able to g up or down approximately 10 to 12 feet** by simply pivoting the bracket on notch for every two feet of height change (up is + and down is -). This sight will actually work as low as 5 feet off the ground (platform height).

Below is the one and only chart that you will ever need to "sight-in" your ABC-2000-PIVOTAL BOW SIGHT.

**This is the "sight-in" order:- 3rd, 2nd, 1st. We suggest that you either use small Styrofoam cups on tops of old arrows or used 3-D deer targets The idea is to either hit the targets or keep the arrows inside the ten ring.**

**Note: The ABC-2000-PIVOTAL BOW SIGHT and BRACKET** are manufactured out of 6061T-6 Aluminum for durability. **The fiber optic pins** (floating and ground pins) are made out of polycarbonate and require a certain amount of care: **DO NOT expose them to any chemicals**.

**The bow must be at full draw. The pin must be aligned with its own axis and pointing at the 30-yard target.** If it is either high or low, adjust by turning the screw (clock wise makes the pin head come up and counterclockwise makes the pin go down) very slightly, redrawing the bow and again aiming at the 30 yard target.
**CONTINUE this process until the pin is in perfect alignment.** Then, make sure the nuts on back of plate are tightened before taking your first shot.

- **Shoot at the** 30-yard target **and move the entire unit either up, down, left or right. (Make sure you move the unit in the same direction as your shot, until you are hitting.**
- Now, go ahead and shoot the 23-yard target (**pin should be floating freely)**. If you are hitting the target, you are ready t o shoot at the 10-yard target. The moving pi should be allowed to travel upward as much as possible (& not to be hindered by the stopping screw).
- You should be hitting on the 10-yard target: Use the stopping screw (top of unit) to fine-tune your shots. Remember to **move screw down (clockwise)** to follow your shot.

Once you are hitting the 30, 23 & 10-yard targets you are **"sighted-in"** and may now experiment to see just how far you can accurately shoot.

If you wish, you may now change your height, either up or down from your starting point, just remember to move the bracket one notch for every two feet of height change (+ up) & (- down) and shoot at all the targets again. **If you are shooting HIGH or LOW on the 23-yard target go to the back of this page.**

**If you are shooting and hitting the 30-yard target consistently, but the 23-yard target you are SHOOTING LOW,** what you must do is: (commonly with faster bows)
*Move the floating pin Up by using the adjustment screw (clockwise) ever so slightly so that now, when you aim at the 30 yard target, the pin will be higher(about the equivalent to the head of the floating pin). Also move the entire unit down (again ever so slightly) and shoot at the 30 and 23 yard target again in that order.* You should notice that you are getting closer. The idea is to keep on repeating these steps and make the **minor** adjustments until you have "sighted-in" your bow **on these two very important targets!** Once you are hitting the 30 & 23 yard targets consistently, shoot at the 10-yard target.
This **one is real easy!** The pin should be allowed to travel upward and not be limited by the stopping screw. Take a shot at the 10-yard target and you will be shooting low(if the pin is allowed to come all the way up).
Now go ahead and turn the top screw down (clockwise) until it touches the pivotal arm and take another shot. You will notice that your arrow is now getting closer to the target. Make another small adjustment, if necessary, by turning the screw down and shooting again. Keep on shooting and making small adjustments until you have fine-tuned your shot.

**If you are shooting and hitting the 30-yard target consistently, but at the 23-yard target you are SHOOTING HIGH! What must be done is: (commonly on slower bows for women and children)**
*You must in this case, do the reverse of the procedure above! That is: move the floating pin down by adjusting the screw (counterclockwise) ever so slightly so that now, when you aim at the 30-yard target, the pin will be lower (again, about the equivalent to the head of the floating pin.) Also move the entire unit up (again ever so slightly) and shoot at the 30 and 23 yard target again in that order.* **Continue to make minor adjustments until you are consistently hitting the 30 & 23-yard targets!** The rest is easy. Shoot at the 10-yard target and follow the directions above.

**FINAL NOTE: The "sighting-in" process is a gradual one. You must creep up on your particular arrow trajectory, by making small adjustments at a time. And don't forget to tighten everything back up, including the top screw (use the locking nut).**

**The light adapter** is designed to accept a Cobra Light-All (with a small LED), not a large bulb. Dismantle the light and start to screw it on to the adapter plate (from the inside out) until it is flush so that you can then attach it (using the 8/32 socket screws provided) to either the side plate or to the top of the unit, flooding all the pins.
**FIXED PINS:** The sight comes with 3 fiber optic pins (different colors). "Sight-them-in" on the ground, only after you have completed the tree-stand "sighting-in" procedure.
**FLOATING PIN:** The Sight also comes with 3 different color pins. IF you want to change the pin that comes with the assembled sight, remove the brass axle (with a 7:32 wrench or small needle nose pliers). After removing the pendulum arm; pivot the pin towards the front and push the pin out (it can only be pushed in one direction). Replace it with another pin and reassemble the sight by simply reversing the steps above.