

## Easy Third Axis Level Moveable Instructions

Please see pictures on Page 2.

1. Insert the threaded rod with the nylon jam nut into the level, make sure you can see the pin head on each end above and below your scope. Attach the level to the side of your vertical sight bar. (Picture A) Make sure it is free of tape and/or any residue that would not allow it to sit flat on the block. The edge next to the bubble vial is the true side. The edge with the thumb screw does not have to be clean.
2. The vertical sight bar (1st axis) can be adjusted in two ways. Option #1 hold either your limbs, or limb pockets on a plumb vertical surface like a door, or door jam.\* Check this surface with a carpenters level to assure the surface is truly plumb. (Picture B) Adjust your sight bar until the Easy Third Axis Level bubble vial reads level. Option #2 requires an additional Easy Third Axis Level if you want your 1st axis bar set up so there is no cant in the bow. Attach the additional Easy Third Axis Level to a flat spot on the bows riser either the sight window, rest window, or near the limb pockets. (Picture C) Adjust the sight bar until both Easy Third Axis Level bubbles correlate to one another. Now your 1st axis is set.
3. To adjust your 2nd axis make sure the level is tight and in a position where you can see both the level bubble in your sight and the level bubble on the Easy Third Axis Level. (Picture D) Level your 2nd axis first by comparing the bubble on the Easy Third Axis Level and the bubble in your sight. They should match exactly with the bow held in a horizontal position as if you were shooting on flat ground. Make adjustments to the 2nd axis adjustment on the sight to make the bubble in the sight correlate to the Easy Third Axis Level bubble. Once the bubbles match your 2nd axis is now level and is adequate for shooting on flat ground.
4. \*This step must be done at a minimum 30 degrees up or downhill angle. \*Ignore the bubble in the Easy Third Axis Level for this step. Next draw the bow back with an arrow in it using your release or fingers depending on your shooting style, to at least a 30 degree downhill angle. By drawing the bow you are getting the full effects of torque on third axis caused by drawing the bow back.(Picture E) Third axis causes problems with up and downhill shots. You will now use the threaded rod as your indicator to tell you the 1st axis (sight bar) is perfectly plumb. The bubble in your sight and the bubble in the Easy Third Axis Level could be incorrect due to the torque change in the bow. Line up the vertical threaded rod with a vertical plumb surface (i.e. bottom of a plumb door jamb). Check the bubble in the sight with the threaded rod in line with a vertical surface, the bubble in the sight needs to be in level. (Picture F.) If the sights bubble is not in level then adjust the 3rd axis adjustment on the sight. If no adjustment is available, shim the sight attachment bracket until the bubble in your sight is in level. Once you've adjusted the sight follow step 4 again to confirm the sight is level. Once the bubble in your sight is centered then your sight is completely level.
5. Now your sight is completely level. You can use the "Easy Third Axis Level" to re-check your sight at anytime by reattaching the Easy Third Axis Level and following the steps above. Keep it in your quiver to check your sight anytime, anywhere. See our training

seminar at [www.hamskearchery.com](http://www.hamskearchery.com) for a complete hands on leveling seminar for both tournament and hunting sights.

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