

ASK BILL

Question

Bill,

I am looking for some suggestions on squaring my scope to the bow. I normally put the bow in my vise, level the string and the riser. Then I take a carpenter square and adjust the scope to the bow. I am on at 20 yds and to the right at 50yds. Can you help me?

Thanks

Answer

In order for the long and short targets to all shoot down the middle the sight bar has to be vertical when the scope bubble is in the center. You don't have to line up anything on the sight with the bow or the string. The sight block has to travel a vertical line when it moves up and down the sight bar. If it doesn't travel a true vertical line then it is moving a little bit left and right and will cause right and left arrows. The string and bow do not have to be plumb or vertical when the bubble is in the middle.

If everything works on level ground but shoots left and right when shooting up and down hill then another adjustment is needed. It is commonly known as the 3rd axis adjustment. This adjustment makes sure the scope bubble is perpendicular to the arrow path or arrow when viewed from above the scope looking down at the arrow.

There are leveling gizmos for doing all these adjustments but even if they are used the true test is in the results when shooting arrows at the target so I shoot all these adjustments in and then I know they are correct. I can then spend the money I saved on the leveling devices on something I really need like that new release that the magazine ads said absolutely won't shoot unless the dot is dead center in the X and back tension is just perfect.

Bill

Comments

If anybody knows where to get a release like that please let me know.