

## SCOPE-TRU™ ALIGNMENT BAR

US Patent # 8745914

### How to use the Scope-Tru™ to align front and rear “windage adjustable cross-slot” rings

After either the single piece base—or two piece bases—have been correctly mounted to the receiver, you are then ready to install the front and rear rings onto the scope mounting base, or bases.

Place both the front and rear rings on their bases. Begin by *adjusting the left and right windage screws, until the rings fit somewhat loosely on their bases, while making sure the rings appear to be “centered.”*

You are now ready to begin using the **Scope-Tru™**.

#### Note

If the rifle has a rear iron sight: When you lay the **Scope-Tru™** into the rings, make sure that the tool will *clear* the rear iron sight blade. It may be necessary to flip the rear sight blade down, or move it to its lowest position on the elevator, or inclined ramp. In the event of installing a set of low rings, the **Scope-Tru™** may not *clear* the rear iron sight unless the rear iron sight has been temporarily removed from the barrel.

*The alignment and mounting procedure can be performed in TWO different ways:*

1. With the top half of the rings off, and the tool resting in the bottom halves of the rings only;
2. With the ring caps in place and tightened down—so the tool is held within the rings—like a scope.

Next, observe the positions of both the front and rear pointers on the tool. **You want the front pointer to be centered on the barrel, and the rear pointer to be centered on the tang of the action.** To center these pointers, begin by adjusting the windage screws—turning them either right or left as necessary—until the front pointer is centered on the barrel, and the rear pointer is centered on either the bolt plug, the tang of the action, or the groove in the tang. As you observe the front pointer, make sure the space on both sides of the “*reduced diameter cylinder*” behind the pointer tip are *equal* on each side of the barrel. Check the pointers from several different viewpoints, to make certain they are well centered.

*Now that both pointers on the **Scope-Tru™** are centered, alternately tighten the windage screws on each side of both the front and rear rings, until these screws are tightened to the correct torque recommended by the specific manufacturer of the brand of rings you are installing.*

Perform a final visual check on both the front and rear pointers, to ensure that both are well centered.

Remove the ring cap screws, and the top of the ring halves, along with the **Scope-Tru™** tool.

Mount your new scope in the rings as desired.