**SCOPE-TRUTM ALIGNMENT BAR**

Patent Pending

 **PARABOLA LLC**

The **SCOPE-TRUTM** is a product that is made entirely within the state of Montana.

The **SCOPE-TRUTM ALIGNMENT BAR—**designed by Jerry Schmidt; machined by Midwest Welding & Machine; Laser engraved by Personalize It; along with the wood, quarter sawn oak base made by Prairie Home Furniture—is a precision tool designed primarily for ***installing*** and ***checking*** the alignment of “***dovetail front/dovetail rear***” style rings; *and*, ***installing*** and ***aligning*** “***dovetail front/windage rear***” style rings into their bases*.*

***By using the SCOPE-TRUTM ALIGNMENT BAR for these ring installations, the rings can be installed with considerable precision, such that both the front and the rear rings are in nearly perfect axial alignment with each other, and in nearly perfect parallel alignment with the axis of the bore***. This is especially the case when mounting the “*dovetail front/windage rear*” style rings. When properly aligned, each ring is subsequently “squared” at 90 degrees to the axis of the bore.

When scope rings are aligned in this manner, the scope tube itself remains stress free, and the “ring kinks”, or “witness marks” so commonly seen in everyday riflescope installations are essentially eliminated. In addition to this, precision parallel alignment of the “ring to bore axis alignment” will result in greater long range accuracy, minimizing or eliminating “progressive windage error” at longer ranges that extend well beyond the distance the rifle is zeroed for. Finally, this level of precision ring alignment will ultimately assure that the windage adjustment turret of the scope will remain near mechanical center. It is then that the riflescope will offer the best performance it was designed for.

The **Scope-TruTM** can also be used to ***align*** “***windage adjustable cross-slot***” style front and rear rings. *These rings can be aligned with each other, while at the same time aligned so that they are in a nearly perfect parallel alignment with the axis of the bore.*

The **Scope-TruTM** can also be used to quickly ***check*** the “*ring to bore axis alignment”* of *several other types of scope ring and mount systems*—systems that it may not be necessarily used for in the initial installation procedure.