

## Installation instructions

Thank you for purchasing the Bassett SM14-1A scope mount.

*For optimal installation, please follow these instructions.*

1. Align the mount pins with the receiver grooves as you finger-tighten the attachment bolt *before* using the Torque Tool™.
2. Place the Torque Tool™ on the finger-tightened bolt horizontal or at a slight downward angle as shown in Figure 1.
3. Pull up on the lanyard attached to the tool enough to lift the upright rifle straight up off the ground (see Figure 1). Note the hand holding the rifle is not gripping it so as to have only the weight of the rifle against the tool. This will apply the correct amount of torque to the bolt. Do not bounce or yank, just lift. *(That's ALL it takes, George.)*<sup>1</sup>

**Do not bounce the rifle.**  
**Do not use the Torque Tool™ like a hand wrench.**  
**Do not use a cheater.**

*Keep in mind that the optimum torque for the mount screw is about 22 INCH-pounds.<sup>2</sup> The furnished Torque Tool™ is designed to apply (or produce) the correct amount of torque when used according to these instructions. This seems to cause no distortion of the action, and aids in "returning to zero" when removing & replacing the mount/scope as a unit. It also extends the mount bolt life. The bolt is made of high tensile, heat treated steel, but it will break if tightened to the extreme.*

4. Install the scope rings<sup>3</sup> with the clamp-nuts on the left side of the receiver (unless using extended rings) to allow maximum clearance for spent case ejection. For this same purpose, most scopes can be rotated 90 degrees counter clockwise to place the windage knob on the left, thereby allowing even more clearance.

5. When you have finished installing the scope rings and scope, leveled the cross-hairs (retical), and have finished lightening the ring-screws and the ring clamp screws, then use the Torque Tool™ to loosen the complete scope and mount assembly and retighten as per #2 and Figure 1. *The purpose of this last step, is so that when the scope and mount are removed later as a unit, you will use the same weight when you reinstall the unit. Consistency of weight and method installing is what produces the best accuracy. Do It The Same Each Time! Every Time!*

Knowing the above, the Bassett SM14-1A mount should install easy, hold tight, and allow you to accomplish things with your M-14 or M-1A that you previously could only wish for.

Thank you for your interest, and if I can be of any further service please do not hesitate to call, write or E-mail.



Figure 1

<sup>1</sup> The Torque Tool™ was not designed to be used as a hand tool. It was designed to use the weight of the rifle and scope to tighten the bolt optimally to keep and return to zero. We cannot stress this enough.

<sup>2</sup> Testing by the AMU at Fort Hood, Texas, in 1980, determined 22 INCH pounds to be sufficient to hold the mount with no shifting and yet not distort the rifle action or compromise accuracy.

<sup>3</sup> Recommended scope rings, Weaver medium height: Style #49041 or 49120 for 1" diameter or 30mm scope tubes, respectively; Style 49045 or 49152 extended for ¾", more or less, eye relief with 1" or 30mm diameters, respectively.