



# BACKCOUNTRY RINGMOUNTS MOUNTING INSTRUCTIONS

## INSTALLATION INSTRUCTIONS FOR BACKCOUNTRY® RINGMOUNTS

**IMPORTANT:** Please read these instructions completely before beginning. Check to ensure that the magazine of the firearm has been removed or emptied, that the action is open, and that there is not a round in the chamber. Install the base or rings a after double checking that the firearm is unloaded and safe.

**NOTE:** Use a good gun solvent and rag to remove all traces of oil and grease from the contact surfaces of the ringmount, receiver, and threaded holes.

1. Secure the rifle in a padded vise. If the firearm is a bolt action, remove the bolt. Set the bases on the receiver and align the mounting holes.
  - Be sure, when installing the ringmounts, that the position of the rear ringmount does not interfere with the operation of the bolt.
  - The action, length of the scope, and turret location can dictate where rings fit, so check their relative positions by measuring or holding the scope over the bases. Allow ample space on either side of both rings to allow for later eye relief adjustments.
  - The front and rear ringmounts can be reversed to achieve proper ring spacing.
2. Secure the ringmounts to the receiver, with the Torx® screws and driver. Tighten the screws until they are secure, 22 in-lbs for 6-48 screws and 28 in-lbs for 8-40 screws.
  - No gun oil should be applied to the screw threads.
  - When screws are properly torqued, check to make sure that they do not extend all the way through the receiver to interfere with the bolt.

**CAUTION:** Tighten Browning X-Bolt screws to 18 in-lbs.

3. Place the riflescope on the ring bottoms.
4. Loosely assemble the ring tops on the ring bottoms and scope using the Torx screws and driver so that the scope can still move freely.
5. Shoulder the rifle in your normal shooting position, with the scope as far forward in the rings as possible. Slowly move the scope rearward, but just to the point where you can see the full sight picture. This is your optimal eye relief.
  - If you are mounting a variable power scope, use the highest magnification to establish proper eye relief.
6. Check the vertical crosshair to make sure it is aligned with the vertical axis of the rifle. Using a leveling system is highly recommended.
7. When the riflescope is aligned with the rifle, evenly tighten the Torx screws on the rings (following the sequence shown in Figure 1) with the Torx driver to 28 in-lbs, using care to maintain an even gap between the ring halves.

**CAUTION:** Overtightening can cause damage.

**NOTE:** If a scope has insufficient windage or elevation adjustment, the problem is generally due to barrel-to-receiver misalignment. In these cases, the following options are available for correction:

- Shimming the front and rear base or using Leupold® STD™ windage adjustable mounts.

Contact Leupold Technical Service at [Leupold.com](http://Leupold.com) or 1-800-LEUPOLD for more information.

