



QRW/PRW BASES & RINGS MOUNTING INSTRUCTIONS

MOUNTING INSTRUCTIONS FOR LEUPOLD® QRW/PRW™ BASES

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. Only after double checking to make sure the firearm is unloaded and safe should you proceed with the installation of the base or rings.

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

1. Secure the rifle in a padded vise, set the bases on the receiver and align the mounting holes.
 - Be sure, when installing 2-Piece bases, that the position of the rear base does not interfere with the operation of the bolt.
 - The action, length of 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.
 2. Secure the base to the receiver, with the Torx® screws and driver. Tighten to 22 in-lb.
 - Due to the superior performance of the Torx drive system, the use of an additional thread locker (such as Loctite®) is not necessary. 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.
- 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.

MOUNTING INSTRUCTIONS FOR LEUPOLD® PRW2™ RINGS

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. Only after double checking to make sure the firearm is unloaded and safe should you proceed with the installation of the base or rings.

RING ASSEMBLY INSTRUCTIONS

1. Disassemble the ring tops from the ring bottoms.
2. Loosen the screws on the ring bottoms that hold the keeper.
3. Position the bottom of each ring onto the base so that the ring bottom engages the slot in the base.
 - Push the ring toward the muzzle so that the lug butts up against the forward edge of the base slot.
 - Carefully clamp the rings onto the base by turning the screws clockwise until they feel secure.
 - Continue tightening the screws to 25 in-lbs. Using a torque wrench is highly recommended.
4. Place the riflescope on the ring bottoms.
5. 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.
6. Shoulder the rifle in your normal shooting position, with the scope as far forward in the rings as possible. Slowly move the scope rearward in the rings to the point where you can see a 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.
7. Check the vertical crosshair to make sure it is aligned with the vertical axis of the rifle. Using a leveling system is highly recommended.
8. 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 25 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.

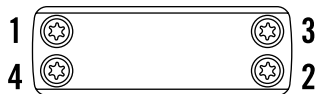
MOUNTING INSTRUCTIONS FOR LEUPOLD® QRW2™ RINGS

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 after double checking that the firearm is unloaded and safe.

RING ASSEMBLY INSTRUCTIONS

1. Disassemble ring tops from the ring bottoms.
2. Loosen the keeper on each of the ring bottoms by turning the lever counterclockwise.
3. Position the bottom of each ring onto the base so that the ring bottom engages the slot in the base.
 - Push the ring toward the muzzle so that the lug butts up against the forward edge of the base slot.
 - Carefully clamp the rings onto the base by turning the Lever clockwise until they feel secure.
 - Continue tightening the lever to 25 in-lbs.
4. Place the riflescope on the ring bottoms.
5. 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.
6. Shoulder the rifle in your normal shooting position, with the scope as far forward in the rings as possible. Slowly move the scope rearward in the rings to the point where you can see a 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.
7. Check the vertical crosshair to make sure it is aligned with the vertical axis of the rifle. Using a leveling system is highly recommended.
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FIGURE 1
Torquing Sequence



DETACHING AND RETURNING THE SCOPE TO THE BASE

To Detach:

1. Rotate each lever counterclockwise.
2. Lift the scope/ring assembly off the bases.

To Reattach:

1. Align the cross-bars of the rings with the cross-slots on the bases and set the scope/ring assembly onto the bases so that the cross-bars engage the cross-slots and the keepers are fitted over the sides of the base.
2. Apply forward pressure to the scope and ring assembly to seat it properly.
3. Rotate each lever clockwise until the scope/ring assembly is secure.

Contact Leupold Technical Service at Leupold.com or 1-800-LEUPOLD for more information.



CAUTION: Overtightening can cause damage.

- The firearm is now ready to be sighted in.

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:

- Leupold STD™ windage adjustable mounts.

POSITIONING THE LEVERS

1. Grasp the center of the lever and pull straight away from the ring bottom.
2. Holding the lever pulled away from the ring bottom, rotate the lever to the desired location.
3. Release the lever.