Introduction

Congratulations on the purchase of your new BARSKA Excavator. The Excavator comes equipped with an Illuminated Target-Dot Reticle which is especially designed to help long range target and varmint shooters, that demand better visibility of the reticle. The BARSKA Illuminated Target-Dot Reticle is etched onto the glass to ensure durability and ensures accuracy during low light conditions. The objective lens is an adjustable objective lens which adjusts the objective lens to allow parallax correction for specific ranges.

Other Features include:
- Multi Coated Optics
- Fast focusing Eye Bell
- 1/4 or 1/8 MOA external adjustment
- 1” tube construction

Installing The Battery

The battery compartment is located in the Rheostat dial. To access it you will need to place one thumb on the Rheostat, holding it in place. Using your other hand hold the cap between your thumb and index finger, turning the cap counter-clockwise, to loosen the cap and expose the battery compartment.

The batteries are a coin style battery and when replacing them ensure that the correct position with the ‘+’ side is up.

Mounting

ATTENTION: Make sure the gun is not loaded when handling. Always follow safe gun handling procedures. Never attempt to look into the sun with this or any other optical enhancing device. Doing so may result in permanent eye damage.

It is extremely important to mount your scope properly. By mounting your scope properly you will be setting the foundation for a secure and straight shot. A scope that is not properly mounted, can move around causing the bullet point of impact to be off dramatically and it may also cause damage to your scope.

It is important to have correct rings for your scope. There is different size rings out in the marketplace. If you find yourself struggling to find the proper rings for your scope, visit your local firearms dealer or a local Gunsmith to assist you.

1. Separate your rings by unscrewing the screws in the rings.
2. Place the scope in the cradles of the rings, ensure that the rings are in between the shoulders and the saddle on the scope.
3. Place the top halves of the rings on the bottom halves and begin to screw them together but do not tighten the screws; you’ll want the scope to slide forward and backwards as well as rotate, this will give you the chance to adjust the eye relief.
4. Use a small level to insure that your scope is level.
5. While you tighten the ring it is important to tighten the scope evenly on each side to ensure that you tighten it equally. Count the number of revolutions you turn the screw and apply the same number of revolutions to opposite side. Make sure that the gap on each side is equal. If not done correctly your scope will be off and the bullet impact point will be off as well.

Bore Sighting

ATTENTION: Make sure the gun is not loaded when handling. Always follow safe gun handling procedures. Never attempt to look into the sun with this or any other optical enhancing device, doing so may cause permanent eye damage.

1. The Bore sighting can be done with a scope guide or a shot shaver which can be obtained from your firearm’s dealer. Be sure to read the instructions of your bore sighter, to have a better idea on how to operate your bore sighter.
2. Rotate the Objective Adjustment Dial to mid power.
3. Rest the rifle on a steady support and remove the windage and elevation cap by turning counter-clockwise.
4. Look through the bore from the breach at a target 50yds, away. Move the butt stock until you center the target in the bore.
5. For actions other than bolt, you will need a small mirror that you can position in the ejection port and tilted so you can see through the bores.
6. With out moving the rifle adjust the windage and elevation by turning the dials clockwise or counter clockwise.
7. If large amounts of windage and elevation adjustments are needed to bore sight, make about 1/2 the elevation change, then about 1/2 of the windage. To finish apply the balance of the elevation correction and the windage.

Zeroing

ATTENTION: All shooting should be done in an approved range or in a safe area. Eye and ear protection should be worn at all times.

DANGER: If you used a bore sighter collimator or another bore obstructing device, remove it before proceeding. If the barrel has been drilled for a mount, ensure that the screws do not obstruct the bore. Do not fire live or even blank ammunition with an obstructed barrel as any obstruction can cause serious injury to gun and possible injury to you and other people around you.

As you shoot the first round watch where the bullet drops. Look at the bullet drop from the barrel and adjust the elevation dial. These adjustments may vary depending on the windage adjustment used. You may need to make smaller adjustments.

1. Set the Objective Adjustment Dial at the highest power possible. Observe the bullets strike the target. Adjust windage and elevation dials as needed to correct the aim.

NOTE: Each click adjustment changes windage / elevation (inches Per Doo)

<table>
<thead>
<tr>
<th>Distance</th>
<th>Windage</th>
<th>Elevation</th>
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<tbody>
<tr>
<td>50yds.</td>
<td>1/8inch.</td>
<td>1/4inch.</td>
</tr>
<tr>
<td>100yds.</td>
<td>1/4inch.</td>
<td>1/2inch.</td>
</tr>
<tr>
<td>200yds.</td>
<td>3/4inch.</td>
<td></td>
</tr>
<tr>
<td>300yds.</td>
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2. After your done zeroing your gun, replace the windage and elevation caps.

Focusing

WARNING: Never attempt to look into the sun with this or any other optical enhancing device. Doing so may cause permanent eye damage.

1. Hold your scope about 2 to 3 inches (6to 10cm) away from your eye and look through the eyepiece against a flat and clear background such as the sky or a white wall. Never look into the sun.
2. If your reticle isn’t sharp, turn the eyepiece dial in either direction. If the focus has not improved turn into the other direction until the reticle appears in sharp focus.
LIMITED LIFETIME WARRANTY

BARSKA Optics as manufacturer, warrants this new precision optical product to be free of original defects in materials and/or workmanship for the length of time specified by this Warranty. This warranty does not include damage caused by abuse, improper handling, installation, maintenance, normal wear and tear, unauthorized repairs or modifications and tampering, in any way.

This warranty is limited to the original purchaser and is not transferable, this warranty applies only to products purchased in the United States of America and Canada.

In the event of a defect within 30 days, the consumer must return the defective unit to the BARSKA dealer (the place of purchase) at his/her own expense.

Beyond 30 days, contact BARSKA either by Email: info@barska.com or call us at 1-888-666-6769. BARSKA products should be sent to us for warranty repairs. Products must be packed carefully and sturdily to prevent damage in transit, and returned freight prepaid.

For additional and updated information please visit our website at www.barska.com. Please E-mail info@barska.com or call 1-888-666-6769 for Return Merchandise Number (RMA) before any returns. NOTE: All merchandise received without a valid RMA will be returned to shipper at his/her own expense.

Please include all of the following when returning BARSKA products for service and/or replacement:
1. Please write your complete details (Name, Address, Telephone #, E-mail address, RMA#, etc.)
2. Purchase receipt or Proof of Purchase. (Original copy)
3. A brief explanation of the defect.
4. A check/money order of $25.00 to cover inspection, shipping and handling.* Please allow 6-8 weeks for delivery.

This product will either be placed or repaired at the discretion of the warrantor. If it's a discontinued item, we will replace the product with an equivalent product. Should the repair not be covered by this warranty, an estimate will be sent for your approval. Non-warranty repairs or refurbishing of optical products are always provided at a reasonable cost.

BARSKA Optics shall not be liable for any consequential, incidental and/or contingent damages whatsoever. This warranty supersedes all previous BARSKA Optics warranties.

Please Refer to the additional Warranty insert.

For more information please visit www.barska.com.