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Thank you for purchasing what we believe to be the finest compound tournament sight on the market. Please read the information below to guide you in the setting and operation of the TRI-AXIS sight.

**Care and Maintenance.**

Your sight has been designed to require very little maintenance, but following these simple instructions will ensure your sight gives you continued, trouble free use.

- 1) Keep your sight dry. If your sight is wet after shooting in the rain, dry with a soft cloth. Do not store the sight when wet.
- 2) Lubrication. The main vertical sliding block should require no lubrication. However, if it should become dirty or sticky, then a small amount of silicon grease is recommended. Occasionally, lightly oil the steel ball bearings under the adjustment knobs and the 4 steel pins that run through the windage unit. This will reduce wear and ensure a continued smooth and precise feel to the movements.
- 3) Use only high quality, tight fitting Allen keys when tightening the screws.

**Assembly**

With the screws provided, attach the main track to the stem. There are several positions to use, and it will not be obvious which is best until you begin shooting. Begin with the centre holes for elevation, and the left-hand row of holes (Right handed archers). Ensure that the main track is square with the bowstring when tightened.

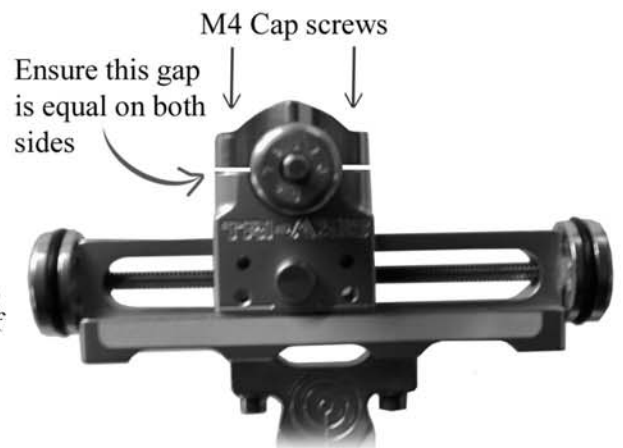


When mounting the main windage unit into the body, be sure that the slotted brass section has the 2 slots parallel with each other facing forwards (see drawing). The 2 side slots should be vertical, and on the inside of the sight. (The same side as the omega systems engraving on the main block)

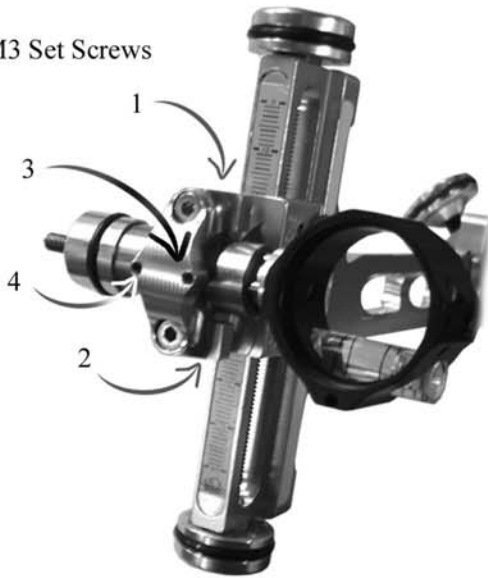
Screw on the front clamp. The slots in the brass olive are to give clearance for the M3 set screws. Ensure that they line up with the screws. (See 3rd axis levelling)

**3rd Axis**

With the windage unit in place, snugly tighten down the two M4 cap head screws on the front clamp. Ensure that each screw is turned the same, leaving equal gaps on both sides of the clamp. The clamp is not designed to 'Bottom Out', so there will be a small gap when tightened. (\*Note- The brass olive is designed to be a tight fit, so on first assembly, fully tighten the M4 cap screws to be sure the olive has been pressed all the way in. Then back off 1/4 turn to make adjustments) At this stage, they should just be tightened enough to hold the windage unit firmly, but not hard down to prevent it moving.



M3 Set Screws



### 3rd Axis continued..

Visually align the scope to an approximate level position, and turn down the M3 set screws to lightly touch the windage unit. Important! Ensure the screws are contacting on the steel windage unit, and not on the brass olive mount. To adjust each axis, undo one of the screws 1/2 turn, and tighten up the opposite. Repeat until the correct position is found. Begin with screws 1 and 2, and once set, repeat with 3 and 4. When complete, firmly tighten the M4 cap screws to lock solid, and then nip down all four of the M3 set screws.

(Using the Merlin sight lever, available separately, is a great aid for this operation.)

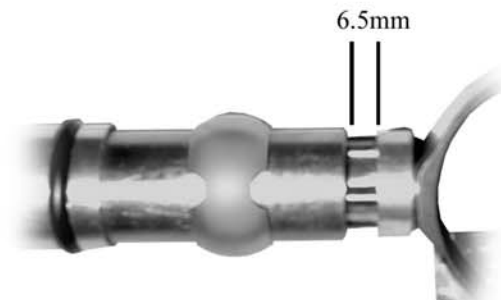
### Additional Notes



The TRI-AXIS sight features a 10 click micro vertical adjustment, suitable for use with Archers Advantage computer program.

Each windage unit has been assembled for best fit. When fitting a scope, try not to fully remove the aluminium section with the 4 pins from the stainless windage barrel if you can help it. If you do, make sure the pins locate in the same holes of the stainless barrel that they were removed from, and are not rotated 90 degrees.

Do not wind the click windage adjustment more than 6.5mm from its maximum 'in' position. If you go past this position, the spring tension in the barrel may not be sufficient. If you need to go outside this position, relax the M4 locking screws on the front clamp and pull the whole windage unit further out.



### Warranty

Each TRI-AXIS sight is warranted to be free from defects in materials or workmanship for the periods set forth below. The warranty is only extended to the original purchaser and shall commence at the date of purchase.

1st Year. Defective parts will be replaced or repaired at the cost of Merlin Bows.

2nd Year. Defective parts will be replaced or repaired by Merlin Bows, at a reduced cost. The customer shall be notified of the total costs prior to the repair.

Either Merlin Bows or an authorised Merlin dealer must complete all warranty work. Please keep your sales receipt as proof of purchase as this may be required before any such work can be carried out.

It is the responsibility of the customer to return any defective part to the original place of purchase, or direct to Merlin, postage paid.

Signs of misuse, mishandling, negligence in use or maintenance or if any modifications have been made, shall void the warranty. Stripped threads, damaged screws or cosmetic damage are not covered in the warranty.

In the interest of continued product development Merlin Bows reserve the right to modify the design and specification of the sight with out prior notice.