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## OWNERS MANUAL AND WARRANTY REGISTRATION FOR THE MERLIN QUAZAR

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### IMPORTANT NOTE

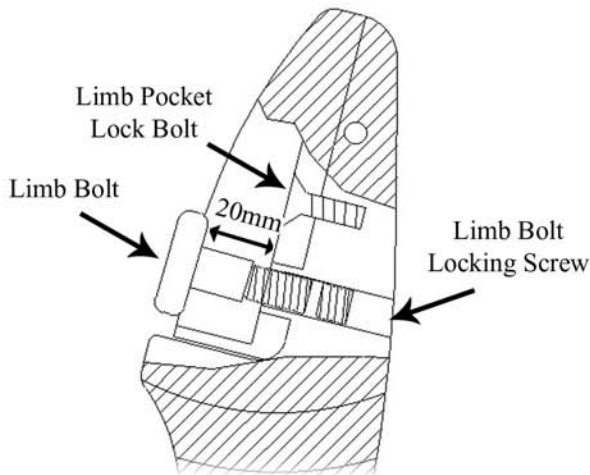
Thankyou for choosing a Merlin Bow. This is an advanced piece of equipment designed for use by experienced archers. This instruction sheet assumes you have experience of modern archery bows and their set up. Do not attempt to use or adjust this bow without proper instruction.

If you have any doubts about any aspect of shooting, bow set up, maintenance or operation please consult an authorised Merlin dealer for additional guidance.

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fig. 1

### TILLER AND POUNDAGE ADJUSTMENTS



To adjust the poundage and tiller, first undo the Limb Bolt Locking Screw and unwind 2-3 turns.

Then turn the Limb Bolt anti-clockwise to reduce poundage or increase tiller, clockwise to increase poundage or reduce tiller.

When poundage and tiller have been set, tighten the Limb Bolt Locking Screw

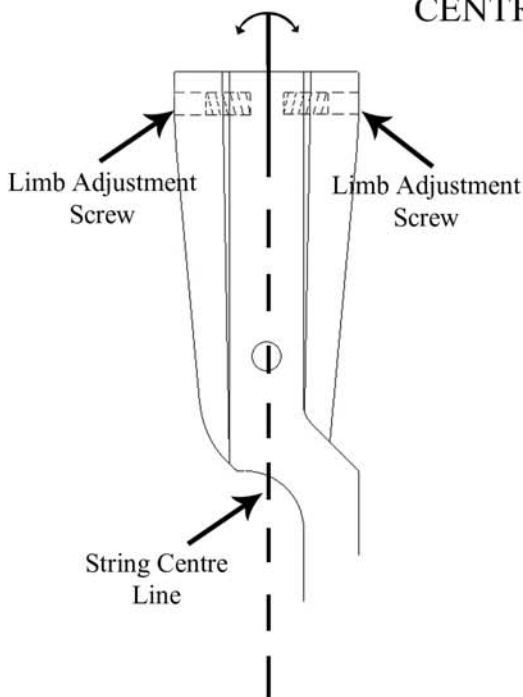
#### IMPORTANT

Do not undo the Limb Bolt more than 4 full turns from their fully wound up position. The distance from the underside of the Limb Bolt washer to the riser should be a MAXIMUM of 20mm.

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fig. 2

### CENTRESHOT AND LIMB ALIGNMENT



Your riser is equipped with a precise limb adjustment mechanism to allow perfect limb to riser alignment. Your riser should require little, if any adjustment from centre.

First, assemble the bow, and without drawing, line up the string with the centre line of the riser and through the Limb Bolt Locking Screw. The string should run through the centre of these bolts from the top of the riser to the bottom, also through the stabiliser and parallel with the face of the riser.

If an adjustment is needed, disassemble the bow and undo the Limb Pocket Lock Bolt as pictured in fig1. Undo 3/4 turn, so the head of the bolt does not run proud of the surface.

Then, with the bow strung, undo the correct Limb Adjustment Screw 1/2 a turn. Tighten up the opposite Limb Adjustment Screw the same 1/2 turn. This will slide the limb pocket across and change the alignment.

When aligning the string with the riser, also align with the stabiliser. This prevents setting both limbs in a position that is not parallel with the bow. If both limb tips have been accidentally adjusted to point to the left, then when aligned with the centreline of the riser, the stabiliser will also point to the left.

If this happens, set both Dovetail units back to centre and start again.



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Web [www.merlin-bows.co.uk](http://www.merlin-bows.co.uk)

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## ADDITIONAL NOTES

When assembling your bow, make sure the limbs are fully engaged within the Dovetail Unit. Always use a bow stringer to brace the bow and follow the bow stringer manufacturers instructions carefully.

Change the bow string at least once a year. Inspect the string every time you shoot. If there are any loose, frayed or broken strands, then cease shooting immediately and replace. Weekly, rub bees wax into the string.

After a days shooting clean the bow of dirt and dry the bow if it is wet with a soft cloth. Never use solvents to clean your bow and never use heat to dry it.

Periodically check screws have not come loose. If screw heads start to become worn, replace with new ones.

Do not store your bow when wet, and do not leave it in or near any heat sources. For example, leaving your bow in an enclosed car on a sunny day may cause limb failure.

NEVER dry fire your bow. (Shoot without an arrow)

ALWAYS inspect your arrows for damage before shooting.

## WARRANTY

***It is very important that you retain a copy of the original, dated sales receipt. You must also register your bow with us within 30 days of purchase.*** This can be done either by returning the warranty registration slip provided, or by registering online at [www.merlin-bows.co.uk](http://www.merlin-bows.co.uk).

Failure to register your bow and failure to provide proof of purchase may result in Merlin Bows refusing to perform warranty work.

Service Procedure - If your bow requires warranty work you must first contact Merlin Bows or the dealer you purchased the bow from. For a detailed explanation of the warranty procedure please visit our web site [www.merlin-bows.co.uk](http://www.merlin-bows.co.uk)

Additional Warranty limitations -

- Stripped threads, rounded off or broken screw heads are not covered under warranty.
- Cosmetic finish, including, but not limited to - Chips, scratches, dents and surface finish are not covered.
- Strings are not covered under warranty
- Signs of misuse, modification or negligence in both maintenance and operation will void the warranty
- This warranty applies only to the first purchaser and is not transferable.
- Merlin Bows reserves the right to substitute defective parts or materials with a newer designed alternative.

Each Recurve Riser is guaranteed to be free from defects in material and workmanship for a period of 2 years, commencing from the date of purchase. During those 2 years, Merlin Bows will offer repairs or replacement at the cost of Merlin Bows. After this period has expired, Merlin will offer a 50% discount from the recommended retail price of new parts.

Each Pair of Merlin Recurve Limbs are guaranteed to be free from defects in material and workmanship for a period of 1 year.



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**WARRANTY REGISTRATION SLIP**

**PLEASE FILL OUT AND KEEP THIS HALF FOR YOUR OWN RECORDS**

Sold to:- \_\_\_\_\_ Date: \_\_\_\_\_

Address \_\_\_\_\_

Dealer Name: \_\_\_\_\_

Riser Model: \_\_\_\_\_ Serial No: \_\_\_\_\_

Limb Model: \_\_\_\_\_ Serial No: \_\_\_\_\_



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**WARRANTY REGISTRATION SLIP**

**PLEASE FILL OUT AND RETURN TO-**

**Merlin bows  
Bull in The Hollow  
Leicester Road  
Loughborough  
LE12 8UE  
ENGLAND**

Sold to:- \_\_\_\_\_ Date: \_\_\_\_\_

Address \_\_\_\_\_

Dealer Name: \_\_\_\_\_

Riser Model: \_\_\_\_\_ Serial No: \_\_\_\_\_

Limb Model: \_\_\_\_\_ Serial No: \_\_\_\_\_