IMPORTANT INFORMATION

1. Assemble riser and limb completely and properly
In an attempt to improve and increase the accuracy of each bow made by AKUSTA has a tight connection between the riser and the limb. When setting the riser and the limb, please push in limb until you hear a “tick” sound. This tick sound will assure proper limb placement. The failure to follow this procedure may result in a decreased accuracy and/or a broken limb.

2. Always be safe
Never shoot your bow straight up. Always be sure of your target area and the area immediately behind it.

3. Never expose your bow to extreme heat or prolonged extreme moisture
Excessive heat, such as could be experienced on a sunny day inside of a closed vehicle, could cause limb failure. Prolonged storage in a hot, dry attic or damp basement could also be damaging. This avoids your warranty.

4. Inspect all arrows
Before shooting, inspect your arrows for defects. Replace cracked nocks. Discard fractured or dented arrows. Replace loose fletch.

5. Never dry fire your bow
Dry fire means to draw and release your bow without an arrow. Shooting without an arrow to absorb most of the bow stored energy could cause severe damage to the bow and possible injury to the shooter or others close by.

6. Maintenance of bow string and bow limbs
Apply a light coat of bow string wax to your bow’s string on a regular basis. With target bows, use a quality car polish to protect the finish and luster of your bow’s limbs.

7. Check the place of weight/tiller adjustment bolt.
When you set the string on bow, keep the weight / tiller adjustment bolt is under the bushing. If the bolt is upper than bushing, it can be shot out anywhere. It can be dangerous.

8. Carefully inspect your bow before each shooting session.
Carefully note condition of bow strings should be replaced. Damaged or suspect limb be reported to the dealer where you purchased your bow.

WARNING
All bows are a deadly weapon. Always abide by all safety advisements. Children should be supervised by an adult.

AKUSTA RECURVE BOW INFORMATION

AKUSTA high quality limbs are available in marked weight from 28# to 48# in two pounds increment. This marked weight is measured at 26 1/4" (AMO standard) to the throat of the bow grip(pivot point) when the limbs are used with 25" risers basically. Shifting the same limbs to 23" risers will result in a weight increase of approximately two pounds and on the contrary, 27" riser will result in a weight decrease of approximately two pounds.

STRINGING
Special attention should be given to the proper procedure for stringing any recurve bow. The safest and only procedure recommended by AKUSTA is to use a bow stringer. Preadjust the length of the bow stringer according to the manufacturer's instructions. Begin by placing the larger loop of the bowstring over the upper limb and slipping the bowstring's smaller loop in the string groove of the lower limb.

Next, place the large cup of the bow stringer over the lower limb tip and the small cup over the upper limb top.

With the upper limb of the bow held the left, step(some prefer to use both feet) on the middle of the bow stringer with instep (back of bow up) and pull with the right hand on the bow grip.

Flexing the bow sufficiently to easily slip the upper loop of the bowstring into the upper limb string groove. To unstring, reverse the procedure.

BRACE HEIGHT
Brace height is the perpendicular distance from the bowstring to the pivot point of the handle. This height is an important part of tuning. The following chart gives you the recommended brace height range for your AKUSTA Bow.

AKUSTA Recurve Bow	Long Limbs	Medium Limbs	Short Limbs
27inches	22.5~24.5cm	21.5~24cm	21~23.5cm
25inches	22~24cm	21~23.5cm	20.5~23cm
23inches	21.5~23.5cm	20.5~23cm	20~23.5cm

Contrary to popular opinion, changing the brace height does not change bow weight. But changing brace height does drastically effect bow performance.

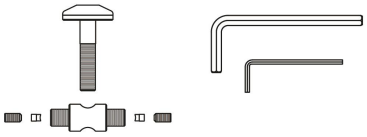
For instance, each 1/2" change in brace height will effect velocity approximately 2 1/2 feet per second. A higher brace height will decrease velocity.

A lower brace height will increase velocity. The reason for this is that stored energy and the length of the power stroke are both effected by brace height.

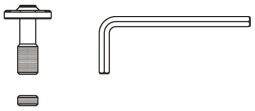
Optimum brace height is one that gives smooth bow action, good arrow flight, tight grouping and a quiet shot. Generally, slight variations of string height are not critical, but at the extremes, you may get erratic arrow flight and/or excessive string noise.

LIMB POCKET SYSTEM

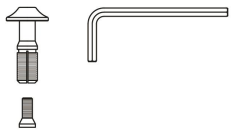
FOTRON



TENBRIS

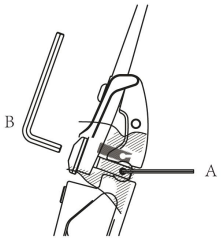


BREEZE



1.FOTRON RISER

To adjust tiller and bow weight, first loosen the weight/tiller locking bolt with the allen wrench(A).



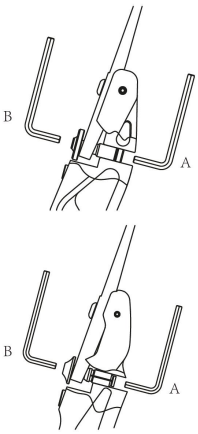
Turn the weight/tiller(B) adjustment bolt clockwise to increase in bow weight and vice versa for decrease in bow weight.

When the correct poundage is set, tighten the locking bolt.

Recommend not to loosen or lock tiller bolt more than 2 turns from the facroty setting.

2.Tenbris & Breeze Riser

To adjust tiller and bow weight, first loosen the weight/tiller locking bolt with the allen wrench.



To adjust tiller and bow weight, first loosen the weight/tiller locking bolt with the allen wrench(A).

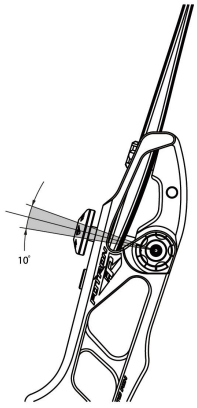
Turn the weight/tiller(B) adjustment bolt clockwise to increase in bow weight and vice versa for decrease in bow weight. when the correct poundage is set, tighten the locking bolt.

Recommend not to loosen or lock tiller bolt more than 2 turns from the facroty setting.

Tiller angle adjustment – Fotron riser only.

Tiller of Fortron riser is adjustable approx. 10 degrees to vertical direction. It makes perfect surface touch between limbs and tiller bolt and it offers less limb movement and stability.

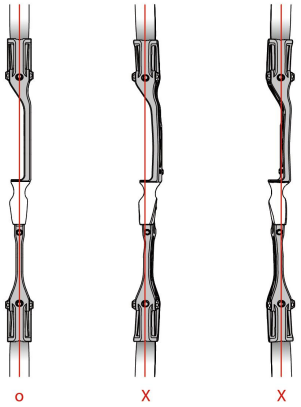
Loosen limb adjustment bolt wherever right or left side and tighten after set ideal tiller angle.



LIMBS/RISER adjustment for bow alignment

To ensure the proper and accurate alignment of the limb and the riser, you must first inspect the setting of the limb and the riser to make sure that the bowstring penetrates the center point of the upper and the lower limb.(During this inspection, you should also make sure that the bowstring goes through the center of the grip.)

In order to prevent the improper setting and the alignment of the limb/riser, you should follow these steps.



1)Stand where you can see the window part of a little and the opposite side should not be seen.

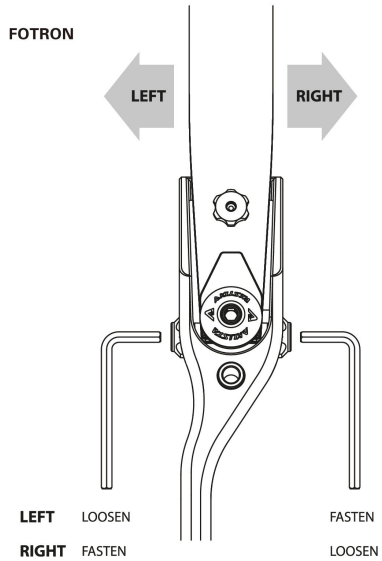
At this time, it is the best if the stabilizer is located in the center of the bow when you find the center of your bow.

Most stabilizers, however, are not straight enough. So the window part is required to adjust the center of the bow.

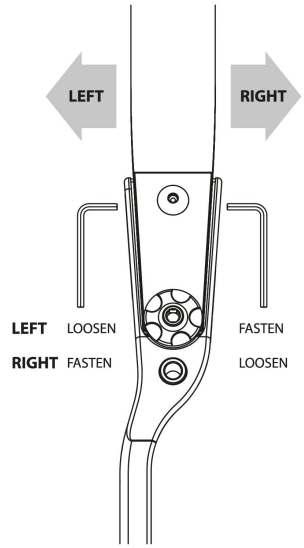
2)While standing on that side, adjust the string and the center of the limbs with alignment instruction.

AKUSTA LIMB/RISER ALIGNMENT

FOTRON



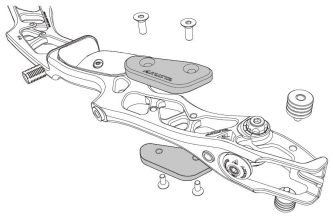
TENBRIS & BREEZE

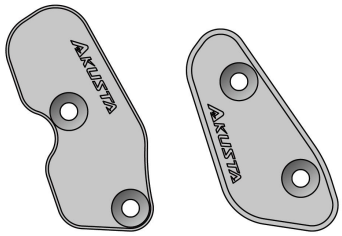


Don’t forget to double-check the bolts fastened.

Bare bow weight

Fotron riser can be expendable to bare bow riser adding weights (weights are selling as option). 400g and 500g are attachable.





AKUSTA RECURVE BOW WARRANTY

We warrant to the original owner for life time of the AKUSTA recurve risers and 2 years of therecurve limbs from date of purchase. AKUSTA recurve bows are fully warranty covered against factory defects in materials and workmanship. This warranty is not transferable.

THIS WARRANTY DOES NOT COVER :

1. AKUSTA bows purchased through an unauthorized retailer or over the Internet.
2. Original parts are replaced or processed by user's customized parts.
3. Bows that show signs of misuse, alteration, mishandling.

WARRANTY SERVICE

A copy of your sales receipt and the serial number are required for warranty purposes.

To obtain warranty service, you must return your bow to a AKUSTA authorized retailer shop which you purchased at. The dealer can help you determine if AKUSTA factory service is required or if the repair can be completed by the dealer shop. If the bow must be returned to the factory, the bow owner is responsible for the return postage. AKUSTA, in return, will pay the postage for reshipping the repaired product. Before any bow is returned to AKUSTA, you must obtain "Return Confirmation Number" through your dealer shop. Bows returned to the factory without any confirmation may be denied warranty service.

Repairs may be performed with original parts when available. AKUSTA reserves the right to make part substitutions on warranty coverage for any reason. If original parts are not available, suitable replacement parts/components may be used. If AKUSTA determines that the bow if not repairable, AKUSTA will replace the bow through the authorized retailer shop. If the bow is not available and not in stock anymore, but qualifies for warranty coverage, AKUSTA will replace the bow with the similar featured bow in AKUSTA's sole determination.

Any bow returned to the PINNACLE factory for warranty service:

1. Must be sent postage paid.
2. Must include a copy of the dated sales receipt.
3. Must include a short note explaining the nature of the problem.

BOW OWNER' S PERSONAL RECORD

Serial#:

Bow model:

Dealer name or where purchased:

Purchased date:

Length:

Weight:

NOTES