



ANYTIME. ANYWHERE. ANY SHOOTER.

The lethal RINGO™ bow is an excellent choice for all bowfishers. With its wide-open draw weight and quickly adjustable draw length, it can be used by anyone and still pack a lethal punch.

Adjusting the Draw Weight

To adjust the draw weight on the Ringo® place a 7/32" hex wrench at the 12 o'clock position on the upper limb bolt and turn it one full counter-clockwise turn to decrease weight or clockwise to increase weight, making sure you have made equal turns on each limb bolt. Repeat with the lower bolt. Draw the bow. Repeat the procedure until you get to the desired draw weight. Depending on the draw length setting, each full turn of the pair of limb bolts changes the draw weight approximately 3-5 pounds.

This bow also has a peep hole in the riser to view the depth of each limb bolt. If you are able to see the bottom of the limb bolt in the hole, it is adjusted too far out and the limb bolt needs to be tightened. Lowering the draw weight below the lowest rating is NOT recommended as it could cause derailing of the string.

Adjusting the Draw Length

Adjusting draw length can be done without using a bow press. Using a 9/64" hex wrench, remove the screws holding the cam module on each cam. Using a 5/32" hex wrench, loos-en (do not remove) the tensioning screw on the reverse side of each cam module. Align the draw length needed on the cam module to the dash mark on the cam just above the cable. The shorter dash marked with a number on the cam module shows the draw length setting in whole numbers. The longer dash between each number is the 1/2" setting, ex. 30.5". Note that BOTH the upper and lower cam modules must be set to the same setting. Once positioned where needed, replace the cam module screw in the appropriate hole. Note that for 1/2" increments, the hole closer to the cam axle will be used. Tighten the tensioning screw on the reverse side of the cam. (Note that for each inch the draw length is lowered, the maximum draw weight for the bow will be lowered from 70# draw weight at a 31" draw length to a 48.4# draw weight at 18" draw length.)

Lowering the draw weight below the lowest rating is NOT recommended as it could cause derailing of the string. Depending on the draw length setting, each full turn of the pair of limb bolts changes the draw weight approximately 3-5 pounds. This bow also has a peep hole in the riser to view the depth of each limb bolt. If you are able to see the bottom of the limb bolt in the hole, it is adjusted too far out and the limb bolt needs to be tightened.

Draw
Weight

20-70#

Draw
Length
Range

18"-31"

Axle-to-
Axle

30"

Brace
Height

6 1/2"

Bow
Weight

3 3/4#

String
Length

58 1/8"

Cable
Length

32 1/4"





Checking the Cam Synchronization

Dual cam bows are most efficient when the cams are in sync. Periodically checking cam sync is critical to keep it shooting accurately. Cam sync can change on occasion due to several factors like string and cable stretch, limb bolts not being adjusted the same or draw length modules being set to different settings.

To check if your cams are in sync, it is helpful to have another person with you while the bow is drawn. With the bow at full draw, check both the top and bottom cam to ensure the string is touching the cam draw stop on both the upper and lower cam module, shown in the photo.

1. If the string is touching both stops, your bow is in sync. Do not adjust.
2. If only one stop is touching the cam module draw stop, your bow needs to be adjusted. Follow the adjustment instructions below.

Adjusting Cam Synchronization

If possible, get assistance from an experienced archer or an archery shop.

1. Check if cam modules are set at the same position on top and bottom.
2. Then check that the limb bolts are set at the same position. You can tighten both bolts down completely and then back them out equally.
3. If 1 or 2 need to be adjusted, recheck cam sync prior to the next steps.
It is helpful to have a bow press for the next steps to twist and adjust cables. This process will pull or release the opposite cam to get it to the correct position for cam synchronization.
4. If the upper cam module is not touching the cable, add twist to the lower single end cable or remove twist from the upper single end cable.
5. If the lower cam module is not touching the cable, add twist to the upper single end cable or remove twist from the lower single end cable.
6. Note: Steps 4 or 5 may need to be completed a few times to get the adjustment correct and cams in sync.)

After adjustment is completed, check your axle-to-axle length to ensure proper length of 30". If you twist or untwist your cables too much, you can change the axle-to-axle length. The cables can be twisted or untwisted equally to set the axle-to-axle length correctly. If this process is not able to move the cams in sync, check cable length and string length. If they are worn and stretched too much, they may need replacing.

Cam Module Dashes Point to Draw Length Setting



Each cam module needs to touch string to be in sync



LIMITED BOW WARRANTY

What is Covered: We warrant to the original purchaser that our AMS Bowfishing bows will be free from defects in material and workmanship for 1 year following the date of purchase. If we receive notice of a defect during the 1-year warranty period, we will, at our expense (other than shipping charges as discussed elsewhere) and at our option, repair or replace the defective bow.

What is not Covered: This limited warranty does not apply to the bowstring, power cable, cable slide, cam/idler bearings, and defects in the bows cosmetic appearance caused by normal use and wear, such as chips, dings, and scratches. Nor does this limited warranty cover any damage caused by exposure to water or other natural elements or other conditions beyond our control, including, without limitation, any intentional or negligent act, vandalism, abuse, or ordinary wear and tear. Any alterations to the original design of the bow will void all warranties.

THERE ARE NO EXPRESS WARRANTIES THAT APPLY TO THE BOW EXCEPT FOR THOSE GIVEN ABOVE. THE DURATION OF ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF THE 1-YEAR GENERAL EXPRESS WARRANTY GIVEN ABOVE.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This limited warranty gives you specific legal rights and you may also have other rights which vary from state to state.

OUR LIABILITY FOR ANY LEGAL CLAIM, WHETHER IN CONTRACT, TORT, INCLUDING, BUT NOT LIMITED TO, NEGLIGENCE AND STRICT LIABILITY, WHETHER SOLE OR CONCURRENT, OR OTHERWISE SHALL BE LIMITED TO THE REMEDIES DESCRIBED ABOVE, WHICH ARE YOUR SOLE AND EXCLUSIVE REMEDIES. WE WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL LOSSES, DAMAGES, OR EXPENSES, WHETHER DUE TO BREACH OF CONTRACT, TORT OR OTHERWISE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. No employee, representative, or agent of ours is authorized to alter or modify any provision of this limited warranty or to make any guarantee, warranty, or representation, express or implied, orally or in writing that is contrary to this limited warranty.

Disclaimer: Failure to follow the recommendations and instructions of AMS, LLC, and any privately labeled AMS, LLC brand or any accessory manufacturer could result in serious personal injury to yourself or others, death, or damage to property, the equipment or accessories. By your use of the bow, you acknowledge that AMS, LLC shall not be liable for any injury or damage to person or property, equipment or accessories, by the user or others, resulting from or in any way related to the failure to follow instructions and recommendations.

Service & Repair Information

1. Contact your local archery retailer for service and repair.
2. Or call 715-687-2350 or email customerservice@amsbowfishing.com to obtain a RA number.
 - A. Write RA number on outside of box with name and contact information on a card inside.
 - B. Ship to AMS Bowfishing, 212810 Connor Avenue, Stratford, WI 54484. Enclose a copy of your sales receipt to validate the date of purchase.

NOTE: We recommend using a shipping method that offers you a tracking number. AMS will not claim responsibility for warranty shipments that do not arrive at AMS.



BOW CARE & MAINTENANCE

Read All Warnings and Instructions Before Use

Handle your archery equipment with care and caution or serious injury could result. Your bow fires a projectile that can seriously injure or even kill. Treat your equipment with the respect it deserves. Your safety is important to us, so before you start shooting, please read through the following list of safety information. Buyer and user have the duty to obey all safety rules and laws covering the ownership and use of these archery products

WARNINGS

- Use safety glasses while operating this bow.
- Do NOT point or aim a drawn bow at another person.
- Do NOT shoot straight up or in any other direction that may endanger people or other objects.
- Never point a drawn bow at anything other than a fish or intended target.
- Make sure target area and path to the target are clear before shooting.
- Secure all loose clothing to avoid becoming tangled in the cam mechanism.
- Never Dry Fire your bow! DO NOT DRAW THE BOWSTRING BACK AND RELEASE IT WITHOUT AN ARROW; this could damage the bow and cause serious injury to you.
- If you draw your bow with an arrow nocked on the string and decide not to release the arrow, slowly and carefully “LET DOWN” by allowing your string hand to return the string to its original undrawn position.
- Do NOT draw the bow beyond its maximum draw length. This may cause the string to derail.
- Do NOT allow the bow limbs to touch other objects while shooting or releasing

BOWCARE & MAINTENANCE

- Lubricate your bowstring with a commercial bowstring wax, which can be purchased at an archery pro shop. Wax keeps the individual strands lubricated which reduces friction and wear, prolonging string life.
- Lubricate the cam axles regularly with a drop of lightweight oil. The bearings are self lubricating, so the oil is only a precaution that coats the high-strength axles to prevent oxidation.
- Do NOT expose your bow to extreme heat or prolonged damp conditions such as in your vehicle or boat on hot days. Excessive heat will allow the bowstring and cable to stretch which can affect performance.
- Store your bow properly when not in use. Keep it stored in a bow case that is specifically designed for your bow or hang your bow by the riser in a horizontal position.