

HYDRO-STRIKE

By
INNERLICK
BOWFITTING



Owners Manual

Introduction

Thank you for purchasing the Innerloc-H20 Hydro-Strike bowfishing bow. You have purchased a bow that was built from the ground up to address the needs of even the most demanding bowfishermen. We have worked hard to bring you the finest bowfishing bow available, full of innovative features and manufactured from the best raw materials to our exacting tolerances. We trust you will find hours of enjoyment in shooting the best bowfishing bow on the market today.

This manual will provide instructions on the proper care and maintenance of your Hydro-Strike bow. Please read this manual carefully and completely before using your bow.

Should you have any questions concerning your new Innerloc bow you may contact us at:

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1472 Camp Creek RD
Lakemont GA, 30552
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www.innerloc.com

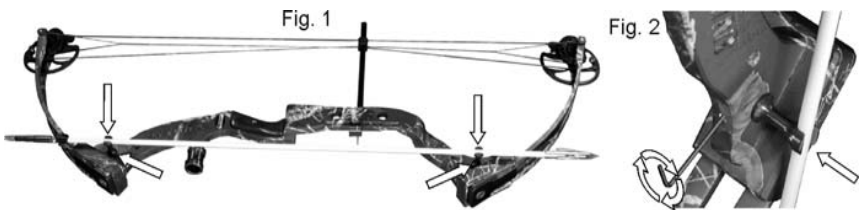
BEFORE USING YOUR NEW BOW, PLEASE READ AND UNDERSTAND ALL THE FOLLOWING INSTRUCTIONS AND PROPER HANDLING PROCEDURES THAT ARE OUTLINED IN THIS MANUAL. FAILURE TO FOLLOW ANY OF THESE WARNINGS AND INSTRUCTIONS CAN CAUSE INJURY TO YOURSELF AND OTHERS AS WELL AS DAMAGE YOUR BOW.

1. **NEVER DRY FIRE YOUR BOW.** When drawing the bow for inspection, the string should be let down from the full draw position without letting go of the string. Without resistance of a properly weighted arrow there is nothing to absorb the energy that is released when the string comes forward causing tremendous strain on the limbs, axles, and cams. **THIS COULD CAUSE EXTENSIVE INJURY TO THE SHOOTER AND OTHERS AS WELL AS EXTENSIVE DAMAGE TO THE BOW.**
2. **NEVER USE EXCESSIVELY LIGHTWEIGHT ARROWS.** The use of insufficient weighted arrows to absorb the released energy is equivalent to dry firing your bow. Hydro-Strike's warranty stipulates a minimum of five (5) grains of arrow weight per pound of peak draw weight.
3. **NEVER STORE YOUR BOW IN DAMP OR EXTREME CONDITIONS.** Storing your bow in a non climate controlled area could cause damage to your bow and affect its performance.
4. **INSPECT YOUR EQUIPMENT BEFORE EACH USE.** When inspecting your bow, pay close attention to the cables, strings and limbs. Also inspect all other accessories (rest, sights, reels, etc.), and arrows for any defects. If any part shows excessive wear or defect do not shoot your bow. Contact your nearest Pro Shop for service or recommendations.
5. **BE SURE OF YOUR TARGET.** Make sure that the backstop you use is large enough to catch a stray arrow and that it is thick enough that the arrow cannot completely pass through it. Make sure that it is positioned in a safe direction away from dwellings and other people.
6. **SAFETY FIRST.** Your bow if misused is a deadly weapon, and should be respected as such. Always abide by all safety recommendations. Children should be supervised by an adult at all times. Sullivan Industries, Inc. cannot be held responsible for improper handling or unsafe use of any Sullivan Industries product.

Setting up your new Hydro-Strike

Hydro-Strike bows are shipped with included accessories you will need to install.

1. You need to install the Quiver Stand-Offs. They should go into the upper and lower most cross holes in the riser. Position them on the opposite side of the riser from the arrow rest (as shown in fig.1). Take a bowfishing arrow and click into each of them to confirm alignment. Now thread in the supplied stainless set screws and tighten while holding the stand-offs flush to the side of the riser (See fig. 2).



2. Next you can install the included Line Pull. It can be mounted in multiple locations. There are two bolts supplied, use the 5/16 24 bolt to mount to the stabilizer hole or to the front of most all spin-cast reel seats. The larger bolt may be used to mount the Line-Pull to either of the two remaining holes in the riser. (see fig. 3) They can be attached to the right or left side; which ever is handy for you.
3. The front of the Hydro-Strike riser features a machined dove-tail to accept an optional sight (#896) that slides on from the top and can be clamped to the correct place with its two clamp screws (See fig. 4).

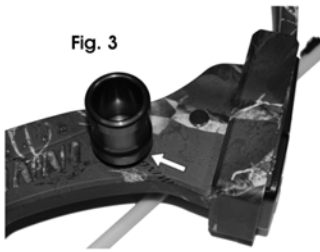


Fig. 3

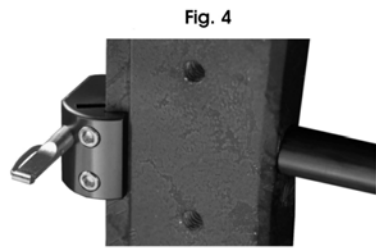


Fig. 4

Understanding and adjusting the Rapid-Fire Fish Cams

Hydro-Strike bows have been designed around their special built bowfishing cams. These revolutionary cams can be adjusted to have 0% let-off, desired by many for fast snap action shooting. Or they can be set to any draw length between 21" to 30" with 75% let-off. **There is no need for a bow press!** Your bow has been shipped with the modules on the cams set to 0% let-off. So when you draw it back you never feel it "break-over" (shown in fig. 5). To change the bow over to have 75% let-off at a given draw length, do the following: remove the cable stop mounted to main cam. Next remove the two screws that are securing the module. Notice that there are number positions on the modules ranging from 1 (the shortest draw length) to 11 (the longest draw length). Simply rotate the module to the desired length and secure with one of the flat head screws (see fig. 6). Repeat the above steps to the opposite cam being careful to set them to the same number.

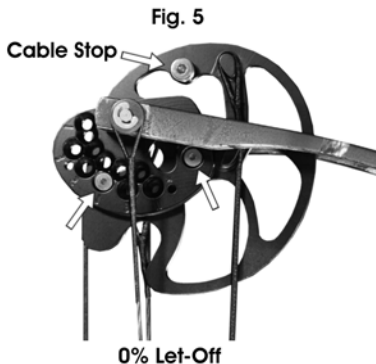


Fig. 5

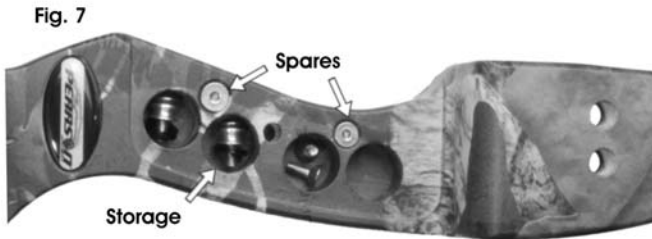
0% Let-Off



Fig. 6

75% Let-Off

Under the grip we have provided spare cam screws and a place to store the string stops and extra screws. This keeps them handy, or from becoming lost when the bow is set to 75% let-off (See fig. 7).



Cam Timing

Your bow's timing has been set from the factory, but should it need re-timed here are the procedures to time the Rapid-Fire fish cams.

Place bow in double-pull bow press. **DO NOT use a single-pull or center-pull press, this risks damaging the bow and will void all warranty coverage.**

Draw the bow slowly observing the cables as they make contact with the back wall of the module at full draw. If the top and bottom cams reach the full draw position simultaneously the bow is timed.

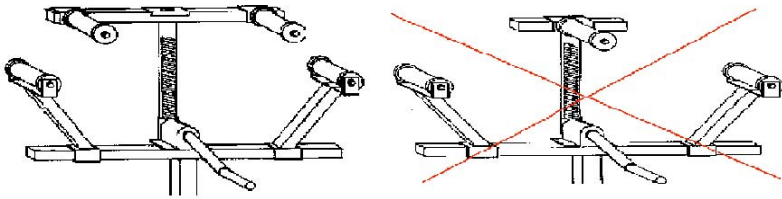
If one cam reaches the full draw position before the other you must adjust the twist in the bus cables in order to time the bow. Take notice to which end is open (last to reach full draw). If the bottom cam is open, then add twist to the bus cable connected to the top cam. If the top cam is open, then add twist to the bus cable connected to the bottom cam.

Maintenance

Your bow is a mechanical device and is subject to wear and need of periodic inspection, adjustment and service. We recommend that you take your bow to an authorized pro shop at least once a year for a yearly professional maintenance and inspection. Areas to be inspected are axles, spacers, axle bushings, e-clips, strings, cables, limbs and riser. The following information provides helpful instructions on the proper care and maintenance of your new Hydro-Strike. Keep this manual as a handy guide for future reference.

1. **STRINGS AND CABLES.** Apply a light coat of bowstring wax to your bow's cables and string on a regular basis. We suggest once every two weeks during peak use. Use a high quality bowstring wax available at your local pro shop. This will keep your bow's string and cables in good condition. As a rule of thumb, we suggest that you replace your string and your cables after 2,500 shots, once a year, or sooner if signs of wear appear. When strings and cables need to be replaced, we suggest that you use only replacement strings and cables that have been designed for your bow. Use of lesser quality strings and cables can affect the performance of your bow, and could cause serious injury to you and others and could cause severe damage to your bow.
2. **ECCENTRIC LUBRICATION.** Your Innerloc-H20 bow uses bushings that require no lubrication. However, if you feel that lubrication is necessary, we recommend a dry lubricate such as graphite. Never use liquid lubricant, as it will collect dust and dirt reducing the performance of your bow.

3. **BOW PRESS USE.** Never allow your bow to be put into a bow press unless it is operated by a knowledgeable bow technician. We recommend that all necessary adjustments requiring the use of a bow press be done by an authorized pro shop. Be sure the press that is used to relax your bow is a 4-point, or double pull press and not a 3-point or single pull press. It is recommended that you back your limb bolts out four (4) turns from the bottom before you put your bow in a press.



LIFETIME GUARANTEE

Your Hydro-Strike bow was manufactured exclusively for Innerloc / Sullivan Industries, Inc. by Ben Pearson Archery, Inc. Ben Pearson Archery will warrantee your bow the same as any of their other bows so long as you meet all of the Ben Pearson Archery warrantee requirements below.

Ben Pearson Archery Warranties their bows (produced after November 1, 2002) against defects in materials or workmanship for 10 years from purchase date and then 50% MSRP for the life of the product. (*Product life is determined by production cycle and parts available on hand. Should a product no longer be in production and supply of replacement parts become exhausted, an up grade fee may be charged in order to supply our valued customer with a newer, updated model.) The warranty applies to the original owner only and is non-transferable. Cables, strings, wheel & cam bushings, paint, film dip or anodized finishes are

not included in the warranty. Mishandling, dry firing, alteration or modification to original product, or shooting arrows lighter than 5 grains per pound of draw weight will deem the warranty void. The warranty card must be sent to Ben Pearson Archery within 30 days of purchase. Ben Pearson Archery reserves the right to make parts substitutions on warranty coverage at Ben Pearson Archery's sole discretion and for any reason.

Warranty Claim Procedures

1 Pre-authorization: All returns to Ben Pearson Archery must be pre authorized. Call Ben Pearson Archery at 251-867-8980 to obtain a return authorization (RA) number.

2 Shipping Preparation: All accessories must be removed from the bow before shipping. Ben Pearson will not be responsible for lost or damaged accessories shipped back with the bow. The bow should be packaged securely before shipping.

3 Shipping Cost: No COD shipments will be accepted. Cost of shipping to Ben Pearson is the responsibility of the shipper.

Turnaround Time

We at Ben Pearson Archery, feel we have the best warranty department in the archery industry. Our goal is to ship your bow out the door within 72 hours of its receipt in our receiving department. Most of the warranty work is completed and shipped within 48 hours.

Ben Pearson Archery Inc. cannot be held responsible for improper handling or unsafe use of this product.

Serial # _____

SPECIFICATIONS

Axle To Axle	36.5"
Brace Height	7.5"
String	56"
Cables	37.75"
Cams	Rapid Fire Fish
Riser	Reflex
Limbs	Parallel - Split
Weight	3.9 lbs.
Let Off	75% or 0%
Draw Weight	25-40 / 40-55

-----Draw Weight Adjustment-----

Hydro strike bows are designed with 15 lbs. of draw weight adjustability. You can back out the limb bolts 7 full turns to cover this range. Never back out the limb bolts more than 7 turns from the maximum weight setting.

Notes