



## MOUNTING INSTRUCTIONS

All Retriever<sup>®</sup> Sport reels include an adjustment spacer that is used to mount the reel to the bow. It allows roughly ½" of spacing from the riser. The four sets of holes, which include the holes where the reel is attached, allow forward and backward (horizontal) adjustment. Vertical adjustment of the reel can be achieved with the slots in the mount plate of the Sport reel.

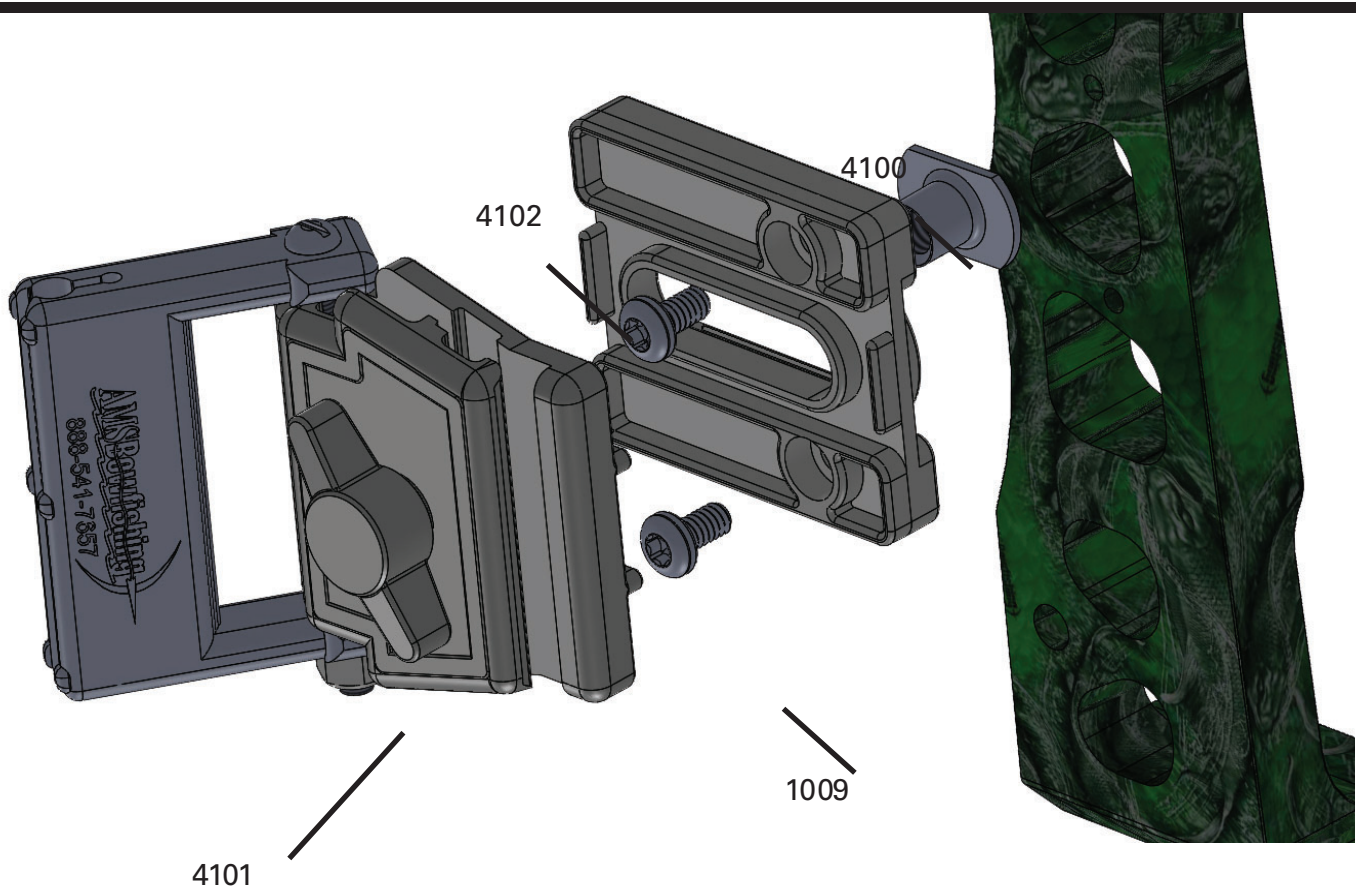
The Sport reel comes attached to the adjustment spacer with two 10-24 jam lock nuts and two 10-24 x 3/4" screws.

1. To mount the Sport reel, first, place the adjustment spacer on the outside of the riser's sight holes with the reel attached to decide which set of holes will work best for placement of the reel on your bow.
2. The optimal location will be where your index finger easily reaches the trigger while holding the bow.
3. If you will be using one of the three sets of holes on the thin, rearward part of the adjustment spacer, simply use the 10-24 x 5/8" screws to mount it to the riser.
4. If you need to use the set of holes on the thick, forward part of the adjustment spacer, remove the 10-24 x 3/4" screws and lock nuts.
5. Then insert the supplied 10-24 x 1" screws through the reel and spacer and mount directly to the riser.
6. If you need vertical adjustment, simply loosen the screws holding the reel to the adjustment spacer, slide the reel to the position desired and re-tighten screws.



# MOUNTING INSTRUCTIONS

1. Loosen thumb screw (4101) to detach female base mount (4102) from quiver/clamp assembly.
2. Keep the slab nut (4100) in the back of the female base mount.
3. Position the female base mount, as shown, over the sight holes on your bow riser and secure with the 3/8" screws (1009) provided.
4. Re-attach assembly to the female base mount but do not tighten.
5. Position reel on the bow at the desired location.



6. The clamp and quiver allows the reel to move forward and back, up and down.
7. Adjust reel so index finger easily reaches trigger while holding the bow.
8. If Retriever is too far forward, reverse female base mount on the bow riser.
9. If more distance is needed between bow riser and bottle, remove entire assembly, add 3/16" spacer, and attach with 7/8" screws provided.
10. When the reel is in the desired location, tighten the thumb screw completely.
11. After mounting the reel, thread the narrow end of the trigger guard into a hole on the riser. The Trigger Guard is the long rubber sleeve that helps prevent excess loose line from tangling with trigger. Simply push the narrow end into a hole on bow riser. If no hole is available, use a zip-tie to secure the end of the trigger guard to bow riser. This feature prevents any excess or loose line from getting behind the trigger on the shot.
12. To insert arrow into quiver, align arrow parallel to it, push in one end and then other. Arrow should be between the Retriever bottle and bow riser.
13. Always pay attention to your line and keep it as tight as possible between your reel and AMS EverGlide® Safety Slide® by using the line retainer before every shot.



## OPERATING INSTRUCTIONS

### Pre-shot Checklist:

1. ALL AMS Retriever<sup>®</sup> reels work best when the line is wet.
2. Toss your arrow by hand into the water to wet the line before taking the first shot
3. Check that the arrow point and/or tip is tight and barbs properly oriented.

### Nocking:

1. Firmly nock the arrow.
2. Ensure that the arrow shock pad is up and the AMS EverGlide<sup>®</sup> Safety Slide<sup>®</sup> slide is in front of the arrow rest. Erratic arrow flight will occur if it is nocked upside down.
3. Pull the trigger gently, and crank in excess loose line. While holding trigger, slip the line into the line retainer located at the mouth of the reel. Always pay attention to your line and keep it as tight as possible between your reel and AMS EverGlide<sup>®</sup> Safety Slide<sup>®</sup> by using the line retainer before every shot.

### Shooting:

1. Draw - There's nothing to do on the shot, no buttons to remember to push etc. Just keep your hand on the bow and fingers off the trigger. For best form, try to come to full draw and anchor at the corner of your mouth before releasing the bowstring.
2. Aim - Most bowfishers do NOT use a sight when shooting. Always aim low - light refraction will affect initial shots until repetition creates the ability to shoot instinctively.
3. Shoot - Release the bowstring. The EverGlide<sup>®</sup> Safety Slide<sup>®</sup> will glide to the tail of the arrow and stop at the shock pad, allowing for near perfect arrow flight.

### Retrieving a Missed Shot:

1. Gently pull the trigger, which compresses the trigger roller over the line and onto the rubber drive roller to engage line retrieval.
2. Crank the reel while holding the trigger to retrieve the arrow.
3. Repeat above steps.

### Retrieving a Fish:

1. Hand over Hand: The most exciting way to retrieve a fish is by taking the line in hand over hand. Set down your bow, grab your line and pull in the fish.
2. Crank to Retrieve: The AMS Retriever<sup>®</sup> reels are designed with zero drag. They do not have an adjustable fighting drag. You can control line release using your trigger. With a little practice you can fight your fish by pumping your bow and taking up slack line on the down stroke.

### Line Inspection:

1. Inspect line regularly for wear or excessive twist. AMS reels should operate smoothly. Twisted line can cause tangles. Hold the line a few feet from the arrow and let the arrow untwist freely. If there is any binding or mis-feeding see adjustment instructions at [www.amsbowfishing.com](http://www.amsbowfishing.com).



## **BOWFISHING INSPECTION 101**

### **Inspection Items**

1. Check for any loose parts on sight, quiver, rest, etc. and tighten.
2. Inspect the bowstring and cable. If either is frayed or has broken strands, replace it before using. If the protective servings are loose or have come undone, either have the string re-served or replace it.
3. Check the bow limbs for cracks or splits. If any limb appears damaged, **DO NOT USE** bow. Take the bow to a qualified pro shop and have it looked at by a trained professional or call AMS Bowfishing directly for service options.
4. Check your cam and idler wheel for dents or gouges that can damage the bowstring. Do not use bow until repaired or replaced.
5. Check your arrows. Look for cracks or loose fibers in the shaft which can cause splinters and misguided arrows. Look at the AMS EverGlide<sup>®</sup> Safety Slide<sup>®</sup> and shock pad. Make sure it is moving freely on the shaft and that the shock pad is tight beneath the screw.
6. Check line for frays and knots. Replace line that is badly frayed. Twisted line causes knots. Twists can be worked out by removing the arrow and pulling all the line from the bottle over an open area and slowly retrieving the line back into the reel.
7. Make sure the trigger guard is securely attached to the bow riser. It prevents excess loose line from entangling with trigger.
8. Use polarized sunglasses for day shooting. They reduce glare dramatically on the water and make fish easier to see. Use safety glasses at night.
9. Wear a hat with a visor and keep the sun to your back for the best visibility for day shooting.
10. Sun protection, gloves and cell phone, GPS and first aid kit.

## **BOWFISHING TIPS**

1. Use polarized sunglasses for day shooting. They reduce glare dramatically on the water and make fish easier to see.
2. Use safety glasses at night.
3. Wear a hat with a visor and keep the sun to your back for the best visibility for day shooting.
4. Sun protection
5. Gloves