



## SA SPORTS FEVER 175 LB RECURVE CROSSBOW ASSEMBLY INSTRUCTION GUIDE

Thank you for your purchase of the SA Sports Fever 175lb Recurve Crossbow Package. We are confident that you will enjoy the crossbow for many seasons to come. Congratulations on your purchase, good luck in your pursuits, and thank you once again!

**IMPORTANT INFORMATION - PLEASE INSPECT THE CONTENTS OF THIS PACKAGE TO ENSURE ALL THE COMPONENTS AND PIECES ARE INCLUDED AS LISTED BELOW. (Phillips screwdriver is required but not included)**

**IF ANY OF THESE PIECES ARE MISSING FROM YOUR PACKAGE PLEASE CONTACT US IMMEDIATELY AT 484-294-2257 or by EMAIL at: [sales@sa-sports.com](mailto:sales@sa-sports.com) SO THAT WE MAY ADDRESS YOUR NEEDS, DO NOT RETURN THE PRODUCT TO THE PLACE OF PURCHASE.**

1. Crossbow Body (Stock Assembly, Fore grip, Trigger Assembly / Weaver Style Scope Base, Sling Studs)
2. 175LB Recurve Crossbow Limb
3. 4x32 Multi Reticle Crossbow Scope
4. Hardware Packet - Limb Tip Covers (2), Nylon Limb Protectors (2), Steel Pressure Plate (1), Nose Bolt (1), Foot Stirrup Screws (2), Allen Key Wrenches (3)
5. Bow String
6. Foot Stirrup
7. Quiver Hardware Packet – Quiver Bow Mount (1), Quick Detach Quiver Mount (1), Quick Detach Mounting Screws (2) Allen Head Countersink Machine Screws for Bow Mount (2)
8. Quiver
9. 4 – 16” Arrows With 125 Grain Practice Points
10. Padded Shoulder Sling
11. Stringer Cable – KEEP FOR FUTURE USE
12. Rail Lubricant – 1 Tube



# Assembly Instructions: (For Video Instructions visit [www.sa-sports.com](http://www.sa-sports.com) or search “Fever Crossbow Assembly Instructions” at [www.youtube.com](http://www.youtube.com))

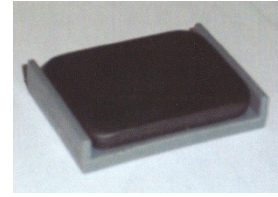
1. Install the rear grey nylon limb protector piece with the “L” shape on the bottom and the side fins facing the rear of the bow.



2. Install the foot stirrup using the 2 screws included in the hardware packet. Tighten securely on both sides.



3. Insert the steel pressure plate into the “U” shaped grey nylon front limb protector.



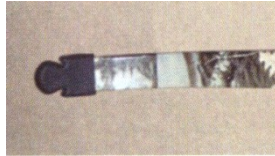
4. Install the limb, be sure the name and warning stickers are upright and readable. Position limb in front of the rear nylon protector piece and insert the “U” shaped grey nylon assembly in front of the limb with the steel pad facing forward.



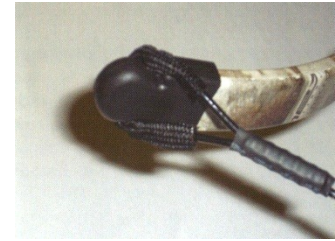
5. Align the limb so the 2 vertical indicators printed on the limb are centered on either side of the opening. Hand tighten the nose bolt and be sure the limb remains centered. Tighten the nose bolt with the supplied Allen key wrench securely.



6. Install the limb tip covers on both ends of the limb. Push on by hand until secure and tap on a solid surface to seat ALL the way on to avoid damage when stringing.



7. Using the stringer cable (nylon coated) place the loops over the limb tip protectors making sure that the stringer is seated properly as shown on the limb tip. You may need to maintain some tension on the stringer while seating on limb tips. Put the foot stirrup on the floor and cock the crossbow with the stringer cable.



8. Once the crossbow is cocked using the stringer cable, insert the end loop of the bow string through the “Y” shaped opening as shown. Do this on both sides of the limb and be sure to seat the loops securely on the limb tips over the stringer cable.



**The next process involves the completion of the string installation, and if available the assistance of an extra person may be desirable for some users. The process can be completed with one person, but if desired please enlist a second person.**

9. Switch the safety to the FIRE position and grasp the bow string in preparation to relieve the tension off of the stringer cable (**make sure the string loops are seated properly on the limb tips**). Use one hand to grasp the bow string and put one hand on the trigger pull, without pulling the trigger. Slowly pull back on the bow string with one hand **just until you feel the tension go off of the stringer cable** that is seated in the trigger mechanism.

Once the pressure is off the stringer cable, hold the bow string back securely and pull the trigger in order to release the stringer cable from the trigger. Gently let the bow string down until it now bears the tension of the limb and is at the rested position. The Stringer cable should now be loose because the bow string has taken up all the tension. Gently pull and tug the stringer cable to free it from the limb. Keep the stringer cable for future use.



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10. Attach the quick detach piece of the quiver onto the main quiver body. Philips head screwdriver needed for this step.



11. Attach the quiver mount to the bottom of the bow. Tighten both of the Allen screws securely.



12. Attach the quiver to the bow by aligning diagonally with the mount on the bow and twisting. Attach arrows into quiver to complete.



13. Install the padded shoulder sling using the quick release thumb screws attached to the ends of the sling. The sling receiving studs are located on the underside of the crossbow.



14. Install the 4x32 Multi Reticle Crossbow Scope. Loosen the clamps on the scope rings and loosen the rings in order to position the clamps onto the weaver style base on the crossbow. Tighten both securely once the scope is aligned on the base and the reticle is straight and true.



15. Fine tune the limb position and mark your string for center. It is extremely important that you cock the crossbow centered each time and in the same manner to get the most accuracy possible out of the crossbow, especially if you choose to cock the bow by hand and not utilize the rope cocker. Use a tape measure and check the distance from where the string crosses the flight rail and it should be the same on each side. If it needs adjusted DO IT NOW by loosening the nose bolt and positioning the limb in the center position. Be sure to retighten the nose bolt securely. For even more consistent accuracy mark the string on both sides of the flight rail so that you can verify it is cocked straight each shot. It is easy to cock the bow off center when manually pulling it back. Your best option is to use the rope cocking device each time you shoot for the most consistent shooting possible.



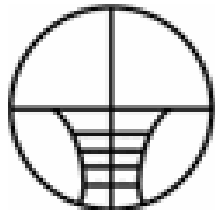
16. Cocking the crossbow is a relatively simple task when utilizing the rope cocking device that is included with your package. Place the foot stirrup of the bow on the ground and step into the foot stirrup with one foot to hold it down with your body weight. Then using the rope cocking device, simply take one hook in each hand, spread them apart and lay the rope into the groove on the back of the scope base that is specifically designed to receive the rope, connect each hook to the string as shown, and grasp the two handles with either hand. The assembly should resemble a "W" when you are ready to pull back. This device will ensure that you are cocking the bow straight each time and also reduces the draw weight by 50% thanks to the leverage gained. More accuracy, easier to pull, better shooting. The bow features an auto safety that engages each time the crossbow is cocked, remember to release your safety.



17. In order to shoot the bow it is imperative that YOU NEVER DRY FIRE THE BOW (Fire without an arrow in place) and it is also imperative that you seat the arrow all the way into the trigger mechanism so that the arrow rests against the string. DRY FIRING voids the warranty. Once the arrow is correctly loaded and an appropriate backstop is in place you will be ready to fire the crossbow. It is recommended that you start to sight in the bow at a distance no more than 10 yards. Once you have become confident that the bow is tuned in at the closest range, it will be possible shoot longer distances. It is recommended that you use 16" 2219 Arrows with 125 grain tips,, as an upgrade you may also wish to purchase separately 20" Carbon Arrows with 100 grain tips, both are acceptable.



Utilizing the 4x32 Crossbow scope. Your Fever crossbow package comes standard with a 4x32 multiple reticle scope that is designed to offer you multiple yardage options without having to make adjustments. Start by sighting in your crossbow at the closest yardage you plan to hunt from. A reasonable yardage to get started might be 10 yards for the top line on the crosshairs. Once you have zeroed in on the closest range, you will need to progressively move back in yardage in order to determine the remaining yardage points that your scope will be sighted. Because the lines all move together your closest sight point will be the one you are adjusting using the windage and elevation knobs on the scope. The Fever features an adjustable scope base, which we recommend that you keep on the flat (level) position and tighten down the set screws that can be found from the top of the mount in 2 recessed holes using an Allen key to lock down. This will ensure that you are using the scope and not inadvertently moving the position of the base.



#### GENERAL SAFETY GUIDELINES

**EXTREME CAUTION SHOULD BE USED AT ALL TIMES WHEN HANDLING A CROSSBOW. FAILURE TO FOLLOW THESE RULES COULD RESULT IN SERIOUS INJURY OR DEATH.**

- Always keep your fingers below the flight track and out of the path of cables and strings when firing the crossbow.
- Never dry-fire the crossbow (shooting without an arrow or too light of an arrow). Dry firing will void the warranty and can result in damage to the limb assembly and possibly cause personal injury.
- Never fire the crossbow until you are sure of your target.
- Always use an adequate target and backstop when target shooting.
- Always use suitable crossbow arrows half moon nocks.
- Always inspect the crossbow and arrows before firing. Bent or damaged arrows are not safe to fire and should be discarded or repaired.



SA SPORTS, LLC  
ONE YEAR LIMITED WARRANTY  
All Products

SA Sports, LLC warrants its products to be free from defects in both material and workmanship under normal use and service for one (1) year from date of purchase. Not included are damages from improper use, abuse, unauthorized repairs or modifications or alteration. Specifically EXCLUDED are strings, cables, arrows, or other moving parts that are considered to be replaceable parts requiring periodic servicing. Damage resulting from a DRY FIRE (shooting without an arrow), whether intentional or accidental is not covered under warranty and repair costs will be certain.

To obtain warranty service, the unit should be packaged securely to avoid damage in transit, it should include a description of the nature of the repair request, and it should be returned postage paid to SA Sports, LLC. At our sole discretion we will repair or replace the unit that is deemed to be under warranty upon inspection, and ship the product back to the customer at no additional cost using standard delivery service of our choice. Any product received into our facility that is deemed to have been misused, abused, altered, modified or otherwise ineligible for coverage will be issued an estimate for repair prior to work being completed. International customers will be responsible for the transit costs both inbound and outbound and should therefore call for a return authorization prior to shipping the product.

Please feel free to contact us regarding any product issue, or assembly help or additional assembly direction. We will help in any way we can to ensure your best experience with the product.

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Please retain your original purchase receipt in the event that you need service, include a copy of the receipt from date of purchase.