



OWNERS INSTRUCTION AND SAFETY
specialized for the

EMPIRE FEVER PRO



IMPORTANT

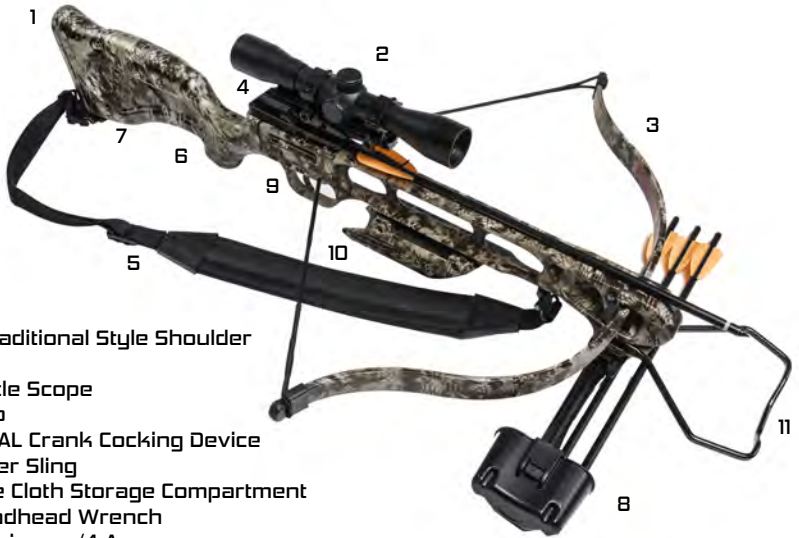
Instructional Assembly Video on
[@sasportsoutdoors](#) youtube channel

THIS IS NOT A TOY! Be sure to read and follow these instructions carefully before using this product. Save instructions and safety manual for future reference.



Thank you for choosing an SA SPORTS CROSSBOW. We are sure that you will enjoy the crossbow for many seasons to come.

COMPONENT GUIDE - EMPIRE FEVER PRO



1. Comfortable, Traditional Style Shoulder Stock
2. 4x32 Multi Reticle Scope
3. 175lb Draw Limb
4. Port for OPTIONAL Crank Cocking Device
5. Padded Shoulder Sling
6. Flip Open Scope Cloth Storage Compartment
7. Integrated Broadhead Wrench
8. Quick Detach Quiver w/4 Arrows
9. Ambidextrous Auto Safety
10. Finger Saving Palm Rest w/Picatinny Rail for OPTIONAL aftermarket grips.
11. Large Boot Style Foot Stirrup



Optional Crank In Use



Broadhead Wrench



Flip Open Storage



Picatinny Shown With Optional Grip



PARTS BREAKDOWN - EMPIRE FEVER PRO



1. Crossbow Body (with Foregrip, Trigger Assembly, Weaver Style Scope Base, Sling Studs)
2. 175LB Recurve Crossbow Limb
3. 4x32 Multi Reticle Crossbow Scope
4. Quiver Mount Packet
 - Bow Mount, Quick Detach Quiver Mount, Quick Detach Mounting Screws (2), Countersink Bow Mount Screws (2)
5. Bow String
6. Foot Stirrup and Mounting Screws
7. Quiver with 4 Bolts
8. Padded Shoulder Sling
9. Limb Tips (2)
10. Nylon Limb Protectors (2)
11. Steel Pressure Plate (1)
12. Nose Bolt (1)
13. Hex Keys
14. Stringer Cable - KEEP FOR FUTURE USE
15. Rail Lube
16. Rope Cocking Device



SETTING UP YOUR CROSSBOW

1. Install the (6) foot stirrup using the 2 screws included in the hardware packet. Tighten securely on both sides.



WARNING

It can cause serious injury to the user or damage to your bow if the foot stirrup screws are not tightened securely.

2. Install the (9) limb tip covers on both ends of the (2) limb using a rubber mallet to tap ALL the way on, or push on by hand until secure and tap on a solid surface to seat ALL the way on to avoid damage when stringing.



WARNING

Failure to seat limb tip covers ALL the way WILL result in damage to the covers when stringing and shooting and is not covered under warranty.

3. Install the (10) rear nylon limb protector piece with the "L" or "[" shape (if it is an L shape the protruding edge should be on bottom) and the the angled tabs (fins) toward the back facing the rear of the bow.

Make sure the "L" protruding edge is facing the front of the bow if it is a "[" shape, both protruding edges will face the front of the bow





SETTING UP YOUR CROSSBOW

4. Insert the (11) steel pressure plate into the (10) "U" shaped nylon front limb protector.



5. Install the (2) limb, be sure the name and warning stickers are upright and readable. Position limb in front of the (10) rear nylon protector piece and insert the "U" shaped nylon assembly in front of the limb with the steel pad facing forward.



Rear Nylon Protector Piece

Name Upright and Readable

"U" shaped nylon facing to the front

Steel pad facing forward

6. Align the (2) limb so the 2 vertical indicators printed on the limb are centered on either side of the opening. Hand tighten the (12) nose bolt and be sure the limb remains centered. Tighten the nose bolt with the supplied (13) Allen key wrench securely.



Make sure the indicators are symmetric on either side



Nose Bolt Hole



SETTING UP YOUR CROSSBOW

7. Using the (14) stringer cable (nylon coated) place the loops over the (9) 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.



8. Put the (6) foot stirrup on the floor, secure the bow down with your foot (boots or shoes are mandatory) and cock the crossbow with two hands using the (14) stringer cable. or by using the Rope Cocking Device as shown later in the "How To Use The Rope Cocker" page.



9. Once the crossbow is cocked using the (14) stringer cable, add a few full twists to the string to tighten the strands and insert the end loop of the (5) 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.





SETTING UP YOUR CROSSBOW

THE NEXT PROCESS INVOLVES THE COMPLETION OF THE STRING INSTALLATION... IF AVAILABLE, THE ASSISTANCE OF ANOTHER PERSON MAY BE DESIRABLE FOR SOME USERS. THE PROCESS CAN BE COMPLETED WITH ONE PERSON, BUT IF DESIRED SEEK A SECOND PERSON TO HELP.

10. Make sure the string loops are seated properly on the limb tips.

10.1 Switch the safety to the FIRE position and grab the (5) bow string in preparation to relieve the tension off of the stringer cable.

10.2 Use one hand to grasp the (5) bow string and put one hand on the trigger, without pulling the trigger. Or with help, use both hands on the bow string and have your helper's hand on the trigger pull. (As shown below)



Without help



With help

10.3 Pull back on the (5) bow string with one hand (or two hands, with help) and grasp tightly being sure to TAKE UP and HOLD all the tension OFF of the stringer cable then pull the trigger, releasing the tension off of the (14) stringer cable. Gently letting the (5) bow string down until it bears the tension of the limb in it's rested position. Pulling the trigger while tension is still on the stringer cable will result in potential injury to your fingers.

10.4 The (14) Stringer Cable should now be loose. Pull and gently tug to release the stringer cable from under the tight bow string.

DO NOT USE a screwdriver or another prying device to try and remove the stringer cable. You WILL damage the string, serving, or end caps. These are not covered by any warranty due to these abuses.



Keep the stringer cable for future use.



SETTING UP YOUR CROSSBOW



Your Bow is now strung! Your bow should look like this. It's time to add the scope, sling, and quick detach quiver!





QUIVER SET UP

1. Attach the (4) quick detach piece of the quiver onto the (7) main quiver body. #2 Phillips Screwdriver needed for this step.



Match holes with
protruded circles

Insert screws
tighten gently

2. Attach the (4) quiver mount to the bottom of the (1) bow. Tighten both of the Allen screws securely.



Align the holes in the Quiver bracket
with the threaded holes in the
underside of the stock.





QUIVER SET UP

3. Attach the (7) quiver to the bow by sliding the mount onto the bow and locking in place. Add arrows into quiver to complete.



Slide in



Turn lock lever to secure

SHOULDER SLING

1. Install the padded shoulder sling (8) using the quick release thumb screws attached to the ends of the sling. The sling receiving studs are located on the underside of the (1) crossbow.



Unscrew top and push to rotate the pin lock over the pin



Screw top back in (turn to the right) to secure the pin



INSTALLING THE SCOPE

1. Locate the (3) 4x32 Multi Reticle Crossbow Scope, loosen the locking bolt screws, and position the clamps onto the weaver style base on the crossbow. Tighten both securely once the scope is aligned on the base.



The locking bolt screws **MUST** sit completely into the cross cut slots. If they are not seated properly you **WILL NOT** be able to sight in the bow.



2. With the scope rings still moderately loose, look through the scope and make sure the crosshairs are level with the limbs of your crossbow. This should be done on a flat surface. Tighten when level.





USING YOUR CROSSBOW SCOPE



Your 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 shoot from, using the top crosshair. A reasonable yardage to get started might be 10 yards, use the top crosshair line. 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. The **ONLY** crosshair you will be adjusting using the elevation and windage knobs on the scope is the top line, the yardages for the other lines will be based off your sighting of the top line at the closest range.

For example, if you sight the top line at 10 yards the next line down may be approximately 17-22 yards, then 27-33 yards. This will have to be determined by progressively moving back in yardage until you are zeroed in with each line from top to bottom. Use a sheet of paper to keep tabs of your yardage.





COCKING YOUR CROSSBOW

Before you begin to cock your crossbow, use a tape measure and check the distance from where the string crosses the flight rail to the end of the limb. It should be the same on each side. If it needs to be adjusted... **DO IT NOW** by loosening the nose bolt and positioning the limb to the center position. Be sure to retighten the nose bolt securely. Mark your string for center while the bow is un-cocked.



It is important that you cock the crossbow centered each time and in the same manner to get the most accuracy possible out of the crossbow, this will be especially important if you choose to cock the bow by hand (**NOT RECOMMENDED**) as it is easy to cock the bow off center when manually cocking the bow and not utilizing the rope cocking device. For the most consistent accuracy possible mark the string on both sides of the flight rail so that you can verify it is cocked straight with each shot or to check if the limb has shifted (note: your best option is to use the rope cocking device each time you shoot for the most consistent shooting possible). **YOU SHOULD ONLY TOUCH THE SAFETY SWITCH WHEN SWITCHING TO "FIRE" WHEN YOU ARE READY TO SHOOT AT YOUR TARGET, IN THE EVENT YOU RELEASED THE SAFETY ONCE YOU LOCATED YOUR TARGET BUT DID NOT SHOOT, RETURN THE SWITCH TO THE "SAFE" POSITION.**



HOW TO USE THE ROPE COCKER

Use of the (16) rope cocker reduces the effort required to cock your crossbow by 50%. This device also ensures perfectly straight cocking, a key ingredient of top accuracy.

Make sure the crossbow is facing toward the ground for the cocking procedure below:

1. Place one foot securely through the (6) foot stirrup

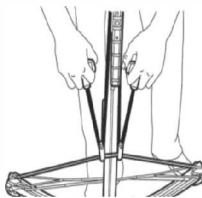


2. Place the center of the cocking rope in the rope groove. The cocking handles should be positioned to the outside.



3. Run both cocking hooks simultaneously down along the flight rail and attach them to the bowstring directly alongside the rail.

TIP: FOR MAXIMUM ACCURACY HOOKS MUST STAY AGAINST THE FLIGHT RAIL DURING THE ENTIRE COCKING OPERATION DO NOT LEAVE A GAP



4. Once hooks are set securely, stand straight up concentrating most of the force on your legs to lessen the stress on your back until the string clicks into the trigger sear. The bow should be on safety and is now ready to load a bolt and fire! Put aside the rope cocking device away from the bow, load up and take aim!



WARNING

DRY FIRING WILL VOID THE WARRANTY FOR ALL PARTS!

FIRING YOUR CROSSBOW

1. Always point the crossbow in a safe direction.
2. Position the Odd color Fletching facing down in the track.



3. Make sure the bolt retainer spring has kept the bolt in the fully loaded position. (A GAP FROM STRING TO BOLT WILL RESULT IN A PARTIAL DRY FIRE AND WILL DAMAGE YOUR BOW.)

Not Seated



Seated



4. When the bow is cocked and loaded, always be sure to check if your safety is on, which is the "S (Safe)" position. Once you have confirmed your target. Push the safety forward to the "F(Fire)" position.

5. The crossbow will now fire when the trigger is pulled. Ensure you have an adequate target and backstop when shooting. The safety **MUST** be disengaged in this manner prior to every shot.

IMPORTANT!: BE SURE TO KEEP YOUR FINGERS AND THUMB BELOW THE TRACK SURFACE WHEN COCKED OR READY TO FIRE.



INCORRECT
FINGER
POSITIONS



CORRECT FINGER POSITION





IMPORTANT GENERAL SAFETY

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

- Always point the crossbow in a safe direction.
- 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. (HAY BALES, CARDBOARD, BOXES OF RAGS, ETC. ARE TOTALLY UNACCEPTABLE)
- Always use suitable crossbow arrows with half-moon nocks.
- Always inspect the crossbow and arrows before firing. Bent or damaged arrows are not safe to fire and should be discarded.
- Apply RAIL LUBE to the flight track where the string comes in contact with it about every 5-10 shots. NEVER USE BEESWAX, BOWWAX, OR ANY OTHER WAX it WILL ruin your string.



WARRANTY

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, a copy of the original sales receipt, 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 transit costs both inbound and outbound and should therefore call for a return authorization prior to shipping the product.



WARRANTY

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

Direct all of your inquiries to:

SA Sports, LLC

1337 N Nelson Street – Unit B

Allentown, PA 18109

Tel (610) 841-2929

Email: sales@sa-sports.com

www.sa-sports.com

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

ONCE AGAIN, WE THANK YOU FOR
CHOOSING AN SA SPORTS OUTDOORS PRODUCT!
ENJOY YOUR ADVENTURE!



OPTIONAL PARTS AND ACCESSORIES AVAILABLE

599	16" Aluminum Arrows Black - 6Pk
578	16" Aluminum Arrows Camo - 6Pk
598	16" Carbon Arrows - 6 Pk
577	20" Carbon Arrows - 6Pk

All of the above arrows are suitable for use with the Empire Fever Pro. It is recommended that users select one style, and use only that style as weights vary by style, as will accuracy by mixing.

588	Rail Lube - 3 Pk
590	Limb Tips (End Caps) Pair
615	Tactical Foregrip
623	Empire Crank Cocking Device
646	Fever Pro String

**Purchase these and many other items
online at www.sa-sports.com**



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