

SAFETY INFORMATION

NOT A TOY. ADULT SUPERVISION REQUIRED

- MISUSE OR CARELESS USE MAY CAUSE INJURY OR DEATH
- THE RANGE OF THIS CROSSBOW COULD BE DANGEROUS UP TO 220 YARDS
- THIS IS A HIGH POWER CROSSBOW INTENDED TO BE USED BY THOSE WHO ARE 18 YEARS OR OVER
- PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE USING
- PURCHASERS AND USERS SHOULD CONFORM TO GOVERNMENT LAWS AND THE RESTRICTION OF THE OWNERSHIP OF CROSSBOWS
- NEVER ALLOW FINGERS/THUMB WITHIN THE STRING PATH

FOR YOUR OWN SAFETY

- EYE PROTECTION STRONGLY RECOMMENDED
- DO NOT POINT AT ANYTHING OTHER THAN YOUR INTENDED TARGET
- DO NOT LOAD YOUR CROSSBOW UNTIL YOU ARE READY TO SHOOT
- ONLY SHOOT WITH BOLTS INTENDED FOR THIS BOW
- NEVER DRY FIRE (NEVER FIRE WITHOUT AN APPROPRIATE BOLT) THIS CAN CAUSE DAMAGE TO THE PRODUCT
- USING A DAMAGED STRING OR BOLT CAN BE DANGEROUS SINCE IT MAY CAUSE FURTHER DAMAGE OR POSSIBLE INJURY TO THE USER OR OTHERS



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Arrow Precision, LLC reserves the right to change all product specifications without notice.
Actual product may vary from photographs. All performance specifications are intended for guidance only.

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HELLFIRE ASSEMBLY INSTRUCTIONS AND OWNERS MANUAL



INFERN CROSSBOWS

Quality that speaks for itself

Version 1.2

Please keep for future reference



PARTS LIST

Congratulations on your purchase of the Inferno Hellfire 185lb Compound Crossbow Package! Thank you for purchasing our product, we hope you have many years of enjoyment from our high quality crossbow package. This is a precision unit and should be treated with care and maintained properly for peak performance.

IMPORTANT - Please inspect your crossbow package to ensure that the following items are included in the box. (Phillips screwdriver required – NOT included)



- | | |
|---|---|
| <ul style="list-style-type: none"> 1. Inferno Hellfire 185lb Riser Assembly 2. Crossbow Body (Stock, Trigger Assembly, Weaver Style Sight Base) 3. Foot Stirrup 4. Quiver Hardware Packet – Quiver Mount (1) Quiver Quick Detach Mount (1) Phillips Head Screws (2) Allen Head Screws (2) 5. 4 x 20" Carbon Fiber Bolts with 100 Grain Practice Points 6. Quick Detach Quiver 7. Rail Lube | <ul style="list-style-type: none"> 8. Eye Protection 9. Sight Set 10. Rope Cocking Device 11. Limb Body Mounting Bolt 12. 4x32 Multi-Reticle Illuminated Scope (1) Mounting Brackets* (2) Scope Cover (1) 13. Sling, Mounting Pins (2) Washers (2) 14. Cable Slide 15. Barrel Fixed Seat 16. Allen Key Set (4) |
|---|---|

*Mounting the scope requires a 7/64 Allen Key or flat head screw driver, which are not included.

IN THE UNLIKELY EVENT YOU ARE MISSING ANY OF THESE PARTS CALL ARROW PRECISION, LLC IMMEDIATELY (610) 437-7138 or Email: sales@arrow-precision.com for immediate assistance.

DO NOT RETURN THE PRODUCT TO THE PLACE OF PURCHASE, PLEASE CALL US DIRECTLY FOR SERVICE OR PARTS.

Arrow Precision, LLC Inferno Crossbows and Youth Archery Set One Year Limited Warranty

The manufacturer warrants the crossbow to be free from defects in material and workmanship under normal use and service for 1 year from date of purchase. The warranty does not cover damage resulting from abuse or misuse, repairs or alterations performed by anyone other than the manufacturer or authorized service center or damage occurring in transit. Not covered are strings, cables, and other items which require periodic replacement. Damage resulting from dry firing (firing unit without a bolt), whether intentional or accidental; including instances where the bolt is not seated properly resulting in damage to the limbs, cables, wheels, string, etc are not covered by this warranty.

For warranty service, the unit should be well packed to avoid damage in transit, including a description of the difficulty, and shipped postage prepaid to Arrow Precision, LLC once we have verified the problem we will repair or replace at no charge and return postage prepaid. For customers living outside the United States, Arrow Precision, LLC will provide standard warranty service. However, inbound & outbound shipping cost is the responsibility of the consumer. If failure was caused by misuse, alterations, accident, or abnormal conditions of operation, an estimate for repairs will be submitted for your approval prior to work being performed. Include a copy of the original sales receipt, along with the form below and mail to Arrow Precision, LLC in order to register your product and activate your warranty.

If you have questions concerning this product or warranty, contact Arrow Precision, LLC and ask for warranty assistance.

Arrow Precision, LLC
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Model Name _____ Date Purchased _____

Last Name _____ First Name _____

Street Address _____

City _____ State _____ Zip Code _____

Email: _____

Dealer Name _____ City _____ State _____

Price Paid _____ Intended Use _____

(hunting, target, other)

REPLACEMENT BATTERIES:

DURACELL DL2032, ENERGIZER ERC2032, ETC.

NOTE: Always remember to turn off the scope when you have finished using it. Always carry a replacement battery.

TAKING CARE OF YOUR 4x32 MULTI-RETICLE ILLUMINATED SCOPE

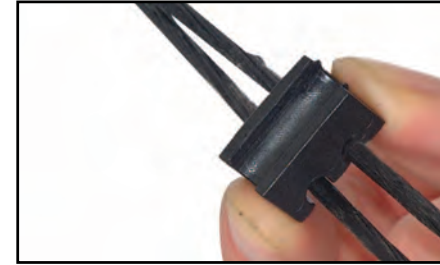
When not in use, the sight should be kept in a clean and dry place away from any corrosive material. Never try to take the scope apart or clean it internally. Send your scope to a qualified service station if it ever needs repair. The lens surface may be cleaned with a lens cloth.

- A:** Objective End **B:** Windage Adjustment* **C:** Elevation Adjustment*
D: Battery Compartment Cap **E:** 7- Position Rheostat Knob
F: Eyepiece **G:** Locking Nuts

* Remove the dust caps to adjust the scope



ASSEMBLY INSTRUCTIONS:



Step 1: Attach the cable slide to the cables as shown.



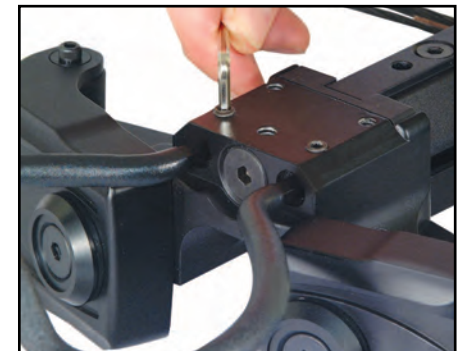
Step 2: Begin to assemble the stock and riser assembly by positioning the bow string on the top of the rail and inserting the cable slide into position inside the rail to protect the cables from undue wear. **FAILURE TO USE THE CABLE SLIDE WILL RESULT IN CABLE DAMAGE** and will not be covered by the warranty. The profile of the cable slide is designed to match the profile of the aluminum rail of the cross-bow and will protect the cables.



Step 3: Attach the barrel fixed seat onto the riser as shown.



Step 4: Position the riser assembly and the body/stock together and prepare the nose bolt and washer for installation. Simply push the two pieces together so that they are properly aligned to be bolted together, use the Allen key to tighten the nose bolt. The stock/body and riser will cinch together as the nose bolt is tightened. Continue to tighten until the two pieces are securely tightened.



Step 5: Install the foot stirrup as shown. Tighten both sides securely using the Allen Key. Please note, it may be necessary to loosen the grub screws on the riser in order to insert the foot stirrup fully into position. Tighten both of the grub screws as shown in the photo.

INSTALLING THE QUIVER



Step 1: Screw the quick detach fitting to the quiver. This step will require a Phillips head screwdriver for completion.



Step 2: Attach the mount to the bottom of crossbow. Use the two Allen head counter sink screws provided.



Step 3: Attach the base of the quiver as shown above.



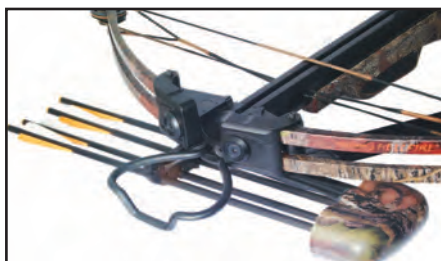
Step 4: Attach the quiver to the mount using a twisting motion to secure the quick detach bracket.



Step 5: Close the quick detach mount.



Step 6: The quiver should be securely attached at this point and the crossbow should appear as pictured above.



Step 7: Insert the bolts into the quick detach quiver as pictured.

SETTING UP YOUR SCOPE

CAUTION: BE SURE THAT THE CROSSBOW IS NOT LOADED. PRACTICE SAFE HANDLING PROCEDURES AT ALL TIMES.

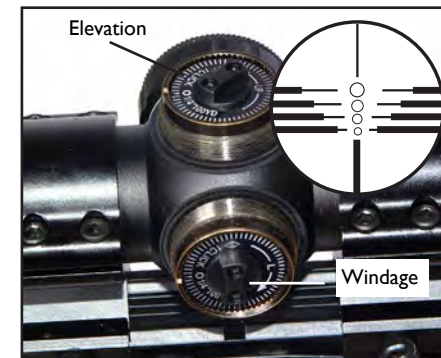
Installing a New Battery

The 4x32 multi-reticle illuminated scope is powered by one 3V lithium coin style battery, type 2032. To install the battery, unscrew the battery compartment cap on top of the rheostat knob and insert the battery (+) side up. Replace the battery cover. If the reticle dims or does not light at all, replace the battery with a fresh one.

C A U T I O N : SINCE ZEROING INVOLVES THE ACTUAL SHOOTING OF CROSSBOW BOLTS - IT SHOULD BE DONE AT AN APPROVED RANGE OR EQUALLY SAFE AREA. BE SURE TO USE THE EYE PROTECTION INCLUDED WHEN SHOOTING.

Initial Sighting

Your Hellfire crossbow includes a 4x32 multi-reticle illuminated crossbow scope. We suggest beginning to sight in your crossbow at no more than 10 yards to ensure that you are able to hit the target easily and to avoid loss or damage of your bolts. You will be sighting in the **TOP CIRCLE** on your scope for the shortest distance. Use an appropriate target designed for crossbows.



It is a good idea to use some sort of rest to ensure that you are aiming consistently. Take your first shot aiming at the center bullseye, and examine where on the target the bolt has hit.

Depending on where the shot hit you will need to adjust the windage knob (Left and right) and elevation (up and down) knob on the scope in the direction indicated on the scope adjustment knobs to make the correction. Continue repeating the process until you are zeroed in at 10 yards and then begin to move slowly further away from the target to your desired first yardage making adjustments to windage and elevation as necessary. The other circles below the top one will offer you additional yardage sight points, the lower the circle the further the distance. These distances will depend on your initial yardage sighting of the top circle, and also depend on your bolt configuration (bolt shaft length, size and weight of tip).

CAUTION: DIRECT VIEWING OF THE SUN CAN CAUSE DAMAGE TO YOUR EYE SIGHT

Thank you for your purchase. We wish you great success in your hunting and target shooting pursuits!

When loading a bolt into your crossbow, be sure to check that the bolt is in good condition, is free from defects and is straight and true. It should lay in the flight track without any bends or other issues that would cause erratic flight of the bolt. Insert the bolt onto the flight track with the index fletching (odd colored fletching) down in the groove of the flight track as pictured.



It is **IMPERATIVE** that the bolt is seated ALL the way back with the half moon nock cradled against the string. If this is not done the string may jump or go under the bolt– which would be equivalent to dry firing the bow (Firing without a bolt – this would void your warranty and damage could occur)

FIRING THE CROSSBOW

Ensure the bolt is correctly loaded and an appropriate target is in position with an adequate backstop. We recommend you start sighting in your bow at a maximum distance of 10 yards in order to be sure that your aim is

on target. Once the crossbow is sighted in at close range, further distances may be attainable.

RECOMMENDED BOLTS

The Hellfire crossbow includes 4 x 20” 106 carbon fiber bolts equipped with 100 grain practice points suitable for target shooting only. For hunting use the tips must be changed for proper hunting tips of the same grain weight. If expandable broadheads are legal in your area then we recommend they be utilized. You may alter your bolt setup using 4 x 16” 2219 aluminum bolts 125 grain practice points available through your Inferno dealer.

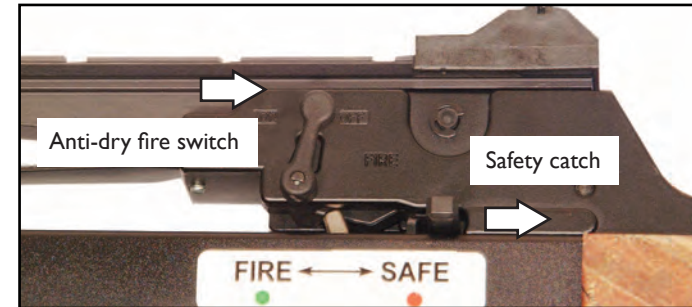
INSTALL THE SLING



Step 1: Attach the sling studs to the base of the body as shown, one at the front and one at the rear of the stock. Pliers may be required.



Step 2: To attach the padded shoulder sling to the crossbow. Loosen the thumb screw on the sling swivel. Locate it on the sling stud and retighten the thumb screw.



ONCE COCKED

When cocked the anti-dry fire switch will move from “ON” to “OFF”, and the safety catch from “FIRE” to the “SAFE” position.

UNDERSTANDING THE ANTI DRY FIRE TRIGGER

The anti-dry fire switch will always be in the “ON” position when not cocked.

Once cocked two actions will happen simultaneously: the anti-dry fire switch will move from “ON” to “OFF” and the safety catch will move from “FIRE” to “SAFE” automatically.

There are two ways to uncock your crossbow successfully: 1) Loading the crossbow with a bolt and shooting into an appropriate discharge target. This action will disengage the

anti-dry safety mechanism which will allow you to move the safety catch from “SAFE” to “FIRE”.

2) To uncock the crossbow without the need of loading a bolt; move the anti-dry fire switch from “OFF” to the “ON” position with index finger, hold, and then move the safety catch with your thumb from “SAFE” to “FIRE”. You cannot move safety catch unless the anti-dry fire switch is moved first and held for safety catch. Pull back on the string firmly enough to alleviate tension. Pull the trigger while maintaining pulling pressure on the string and gently let down to the resting position.

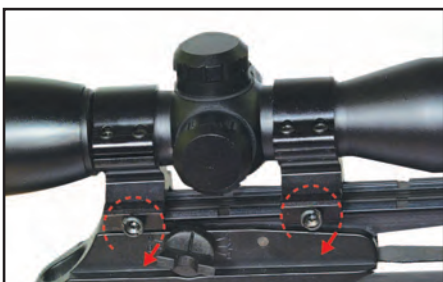
MOUNTING YOUR SCOPE



Step 1: Align the scope mount with the with the slots on the weaver style sight base. If you do not wish to use the reticle sight you can attach the sight blade to the front of the crossbow body.

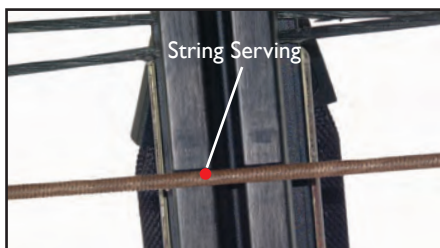


Step 2: Slide in each of mounting brackets in the two slots on the weaver style sight base.



Step 3: Tighten the locking nuts using a screw driver.

MARKING YOUR STRING: In order to achieve the highest level of accuracy it is recommended that you take the time to mark your string to ensure that you are cocking the bow in a consistent manner. Due to the high draw weight involved in cocking the bow, it is easy to cock the crossbow off center. Failure to cock the crossbow squarely will result in poor accuracy. Simply mark the string with a marker or other means to visibly ensure the bow is being cocked properly.



IMPORTANT: BEFORE USE, LUBRICATE THE STRING SERVING AND RAIL. FAILURE TO DO SO WILL RESULT IN THE STRING SERVING BURNING AND WEARING OUT PREMATURELY.



COCKING THE CROSSBOW

Place the foot stirrup on the ground in a flat and stable area. Insert your foot into the stirrup and securely hold the crossbow down to the ground with the weight of your body. With one hand on each side of the flight track, securely grasp the string as close as possible to the flight track. Draw the string back towards the trigger mechanism, ensuring the string is in contact with the flight track. The trigger latch will automatically engage when you have reached the back of the trigger housing. Make sure the safety catch has engaged.



ROPE COCKING DEVICE

The best way to cock the Inferno Hellfire crossbow is through the use of the included rope cocking device. To use the rope cocking device, simply grasp the hooks and drape the rope over the groove in the stock located behind the trigger mechanism/scope mount and



continue to place the hooks onto the crossbow string on each side of the flight track. Once this has been accomplished simply grasp the molded handles and hold the crossbow on a level surface using the foot stirrup and pull the string back until it latches in the trigger. Using this method, the draw weight will be reduced by 50% and the string will cock in a consistent manner each time.

WARNING DO NOT DRY FIRE THE CROSSBOW (FIRE WITH NO BOLT) DAMAGE WILL OCCUR AND VOID YOUR WARRANTY.

