# DESERT HAWK
# ASSEMBLING INSTRUCTIONS & OWNERS MANUAL



Congratulations on your purchase of the Desert Hawk 225lb Recurve Crossbow Package! We hope to give you different experiences and pleasure time for several years from our high quality crossbow package. This series of crossbows are precision products and must be used carefully and maintained properly to optimize its accurate performance.

**Important – Please check this deluxe package carefully to make sure that the following components and accessories are included in the box.**
**(Simple Package: some accessories may vary with price you pay per simple crossbow package).**

1. 225lb Assembled – PRE STRUNG – Riser Assembly
2. Crossbow Body (Stock, Trigger Assembly, Weaver Style Sight Base, Sling Studs)
3. 4x32 Crossbow Scope
4. Rope Cocking Device
5. Foot Stirrup
6. Hardware Package – Nose Bolt, Washer, Allen Wrenches
7. Quick Detach G1 Camo Quiver
8. Quiver Hardware Packet – Quiver Mount (1) Quiver Quick Detach Mount (1) Philip Head Screws (2) Allen Head Screws (2)
9. 4 - 20" Carbon Fiber Arrows with 100 Grain Practice Points
10. Padded Shoulder Sling
11. Rail Lube
12. Eye Protection

**Warming : In case that you received shortage package any of these items please contact your dealers or outlets for a prompt assistance for the safety consideration.**

**Please do not directly return this crossbow package to the places where you bought this package without notification of your dealers or outlets in advance.**

(1)



(4)



(2)



(3)



(5)



(6)



(7)



(8)



(9)



(10)



(11)



(12)



## ASSEMBLY INSTRUCTIONS :

**Step 1 :** Install riser assembly to Body / Stock of crossbow using nose bolt and washer - tighten with Allen key provided.



**Step 2 :** Flip the crossbow over and secure the nose bolt from potentially loosening by tightening the grub screw on the center of the underside of the riser.



**Step 3 :** Attach quiver mount to the underside of the riser using 2 counter sink Allen screws and wrench provided.



**Step 4 :** Insert Foot stirrup into riser. With the crossbow still flipped over insert the foot stirrup into the riser with the two notched areas facing toward the grub screws shown below being tightened. The grub screws may need to be loosened slightly to be able to properly insert the foot stirrup.



**Step 5 :** Attach the quiver bracket with latch onto the quiver using the 2 wood screws. You will need a Phillips screwdriver to accomplish this. The latch is shown in the open position ready to mount the assembled quiver onto the crossbow.



**Step 6 :** Attach the quick detach quiver to the quiver mounting bracket using a twisting motion. The quiver should be at a diagonal angle in order to properly seat on the quick detach bracket prior to twisting into the fixed position.



**Step 7 :** Attach the padded shoulder sling to the crossbow. Loosen the thumb screw on the sling swivel so that the swivel may be attached to the sling studs located on the underside of the crossbow stock.



***Tighten thumb screws securely on both swivels.***

## INSTALL 4 x 32 MULTI RETICLE CROSSBOW SCOPE

**Step 8 :** Loosen the clamps on the scope mount and align the crossbar on the clamps with the slots on the weaver style base and tighten down as shown.



## FINAL ADJUSTMENTS TO YOUR CROSSBOW

(The following pictures show a different model bow, but the concept is the same)

**MARK 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 the squarely and with consistency will result in poor accuracy. Simply mark the string with a permanent marker or other means to visibly ensure the bow is being cocked properly.



**IMPORTANT: LUBRICATE THE STRING SERVING AND RAIL AT THIS TIME. FAILURE TO DO SO WILL RESULT IN EXCESS FRICTION, THE STRING SERVING BURNING AND WEARING OUT PREMATURELY.**

## COCKING THE CROSSBOW

The Best way to cock the Inferno Wildfire crossbow is through the use of the included rope cocking device. To use the rope cocking device, simply grasp each of the hooks and drape the rope over the groove 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 is accomplished simply place you hands through the straps, hold crossbow to 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.



***To manually cock the crossbow follow the instructions below.***

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. Begin drawing the string back towards the trigger mechanism, being sure to keep the string in contact with the flight track.Continue pulling the string back into position, being sure to keep the alignment straight. The trigger latch and safety will automatically engage when you have reached the back of the trigger housing.

Once cocked the marks should be visible in the same position on each side of the trigger mechanism. You are now ready to load the crossbow with an arrow.

**Warning do not dry fire (fire without an arrow) your crossbow. Your crossbow is equipped with an anti-dryfire trigger. You will not be able to release the safety until an arrow is inserted into shooting position. Therefore we strongly urge you to only unload your crossbow by shooting it at a safe target. Attempting to uncock the string by hand is dangerous and may cause damage to the crossbow, and / or physical harm, as well as void your warranty. Do not attempt this.**



When loading an arrow into your crossbow, be sure to check that the arrow 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 arrow. Insert the arrow onto the flight track with the index fletch (odd colored fletch) down in the groove of the flight track as pictured.

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



## FIRING THE CROSSBOW

With the arrow correctly loaded and an appropriate target is in position with adequate backstop provided release the automatic safety and pull the trigger to fire the crossbow. We recommend you start sighting in your bow at a maximum distance of 10 yards in order to be sure that your aim on target. Once the unit is sighted in at close range, further distances may be attainable.

## RECOMMENDED ARROWS

The Desert Hawk crossbow includes 4 - 20" carbon fiber arrows equipped with 100 grain practice points. These arrows are appropriate for target shooting and hunting provided the tips are changed out and replaced with proper hunting tips of the same grain weight. If expendable broadheads are legal in your area then we recommend they be utilized. You may alter your arrow setup using 20" aluminum arrows with 100 grain practice points available through your Inferno dealer. Minimum arrow and tip weight of 350 grains is required.

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

# Warrant y Statement

Thank you for your purchase this Desert Hawk Crossbow, we offer you 1 year warranty service to be free in terms of defects on limbs、stocks or material under proper use from the date of purchase. It does not cover any damage resulting from abuse or misuse, repair or disassemble core components carried out by others rather than your dealers or authorized service center, or damage occurs during
transit. Warranty services are not covered in terms of consumables, such as strings, cables as well as other parts or items that call for periodic replacements.

Those damages resulted from Dry-Fire (To fire your crossbow without loading an arrow) to the limbs, cables, cams or string no matter it happens on purpose or accidental as well as scratch generation from improperly loading an arrow or assembling without following assembling instructions cannot be covered under
this warranty.

The crossbow unit should be well-packed before delivering back to your dealers or distributors to avoid damage during transportation, such kind of damage is not covered under warranty, either. Please prepay postage of your sent parcel for the defect crossbow in advance. Dealer will repair or offer replacement parts free of charge and reimburse postage back as long as the defect is identified under normal use or generated from product structure. Those who purchased this
crossbow are not situated in the same countries of dealer's location. The inbound & outbound shipping and handling should be paid at account of buyers.
If the faults were caused by misuses, accidents or abnormal conditions of operations, the appraisal for repairs will be informed for your approval prior to move forward your defect unit being repaired or replaced.

To activate your warranty service, your original purchase receipt or invoice, come with the sales after service form printed below to mail them back with your dealers or wholesalers to register your product purchase is required.

Dealer's contact information : (Dear can stamp his contact information as below area)

Model Number _____ Date of Purchase _____

Last Name _____ First Name _____

Street Address _____

City _____ State _____ Zip Code _____

E-mail _____ Phone Number _____

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