



VIKING FX1 &

FX 1-45
INSTRUCTIONS AND
SAFETY MANUAL



READ AND FOLLOW ALL SAFETY
WARNINGS AND INSTRUCTIONS IN THIS
MANUAL.

RETAIN INSTRUCTIONS AND SAFETY MANUAL FOR FUTURE REFERENCE

VIKING FX1/FX1-45 CROSSBOW INSTRUCTION MANUAL

Congratulations! You own a viking FX1/FX1-45 crossbow! A compact, fast handling and powerful crossbow for your serious shooting enjoyment!

Your Viking FX1 can easily shoot good groups at 25 yards, the bolts that come with this crossbow have high energy and deep penetration on impact. (Therefore you need to shoot at appropriate target materials and at safe distances, don't underestimate the power of the bolts.)

IT IS NECESSARY TO PRACTICE A SAFE AND CORRECT FORM WHEN OPERATING THE CROSSBOW. (LEARN HOW TO CORRECTLY CYCLE THE VIKING FX1 before trying to shoot proficiently.) Otherwise, YOU CAN SERIOUSLY HARM YOURSELF AND CAUSE YOUR CROSSBOW TO HAVE A SHORT AND SAD SERVICE LIFE.

SCAN FOR
A DIGITAL
MANUAL OR OUR
VIDEO TUTORIALS

SCAN TO VISIT OUR WEBSITE





VIKING FX1 CROSSBOW DIAGRAM



FX1 PACKAGE INCLUDES

- 4X32 MULTI-RANGE SCOPE
- ADJUSTABLE BUTTSTOCK (KO 540)*
- REMOVEABLE GRIP THAT CAN BE SWITCHED OUT FOR A 45 GRIP (45 CONVERTER)*
- ERGONOMIC FORMED FOREGRIP (KO 510)*
- SHOULDER SLING
- QUICK-RELEASE QUIVER
- 4 ALUMINUM BOLTS
- ROPE COCKER
- RAIL LUBE
- HEX KEYS

*SCAN FOR MORE INFO ON FEATURES INCLUDED



FX1-45 PACKAGE INCLUDES

- 4X32 MULTI-RANGE SCOPE
- ADJUSTABLE BUTTSTOCK (KO 540)*
- REMOVEABLE GRIP THAT CAN BE SWITCHED OUT FOR A RIFLE GRIP (KO RIFLE CONVERTER)
- ERGONOMIC FORMED FOREGRIP (KO 510)*
- ERGONOMIC FORMED 45 GRIP (KO 45)*
- SHOULDER SLING
- QUICK-RELEASE QUIVER



BEFORE YOU START SHOOTING...

Remember that the crossbow you have purchased has immense power, treat it as so. Do not ever point the crossbow at another person and always take the proper steps to ensure safety when use (check behind your target, nock your bolt correctly, etc.) if taken care of and used properly, the viking FX1 / FX1-45 will reward you with awesome performance and many years of sport.

WARNINGS

- This is not a toy and adult supervision is required, misuse or careless use may cause serious injury, death or terrible lawsuits. Use common sense.
- IT IS EXTREMELY IMPORTANT TO READ AND FOLLOW THESE INSTRUCTIONS BEFORE ATTEMPTING TO USE YOUR CROSSBOW, SERIOUS INJURIES TO YOURSELF OR OTHERS, DAMAGE TO YOUR CROSSBOW, OR POOR PERFORMANCE FROM YOUR CROSSBOW COULD RESULT FROM FAILURE TO THOROUGHLY READ AND UNDERSTAND THE INSTRUCTIONS. CROSSBOWS SHOULD ONLY BE USED BY THOSE WHO ARE PROPERLY TRAINED IN SAFETY OR UNDER THE SUPERVISION OF A QUALIFIED INSTRUCTOR.
- This is a high powered crossbow intended to be used by those who are 18 years of age and over.
- Purchasers and users should obey and follow all federal, state, and local laws and restrictions regarding the ownership and use of crossbows.
- FEED YOUR CROSSBOW PROPERLY! Use the Bolts that are specifically designed for this crossbow. Usage of any other Bolts may void any warranty.

BOLTS OF IMPROPER STIFFNESS, SIZE, WEIGHT OR LENGTH MAY CAUSE DAMAGE TO THE CROSSBOW AND POSSIBLY CAUSING PERSONAL INJURY.

Parts of the Crossbow (FX1)



1. CROSSBOW BODY (WITH FOREGRIP,
TRIGGER ASSEMBLY, WEAVER STYLE
Scope Base, 540 Shoulder Stock, 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

ASSEMBLY GUIDE

STEP 1

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



IT CAN CAUSE SERIOUS INJURY TO THE USER OR DAMAGE TO YOUR BOW IF THE FOOT STIRRUP SCREWS ARE NOT TIGHTENED SECURELY.

STEP 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.





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.

STEP 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 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

INSERT THE (11) STEEL PRESSURE PLATE INTO THE (10) "U" SHAPED NYLON FRONT

LIMB PROTECTOR.

STEP 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.



STEP 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.



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.

STEP 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. [The Rope Cocking Device can also be used as shown later in the "How To Use The Rope Cocker" page.]



STEP 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.



WITHOUT HELP

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)





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.

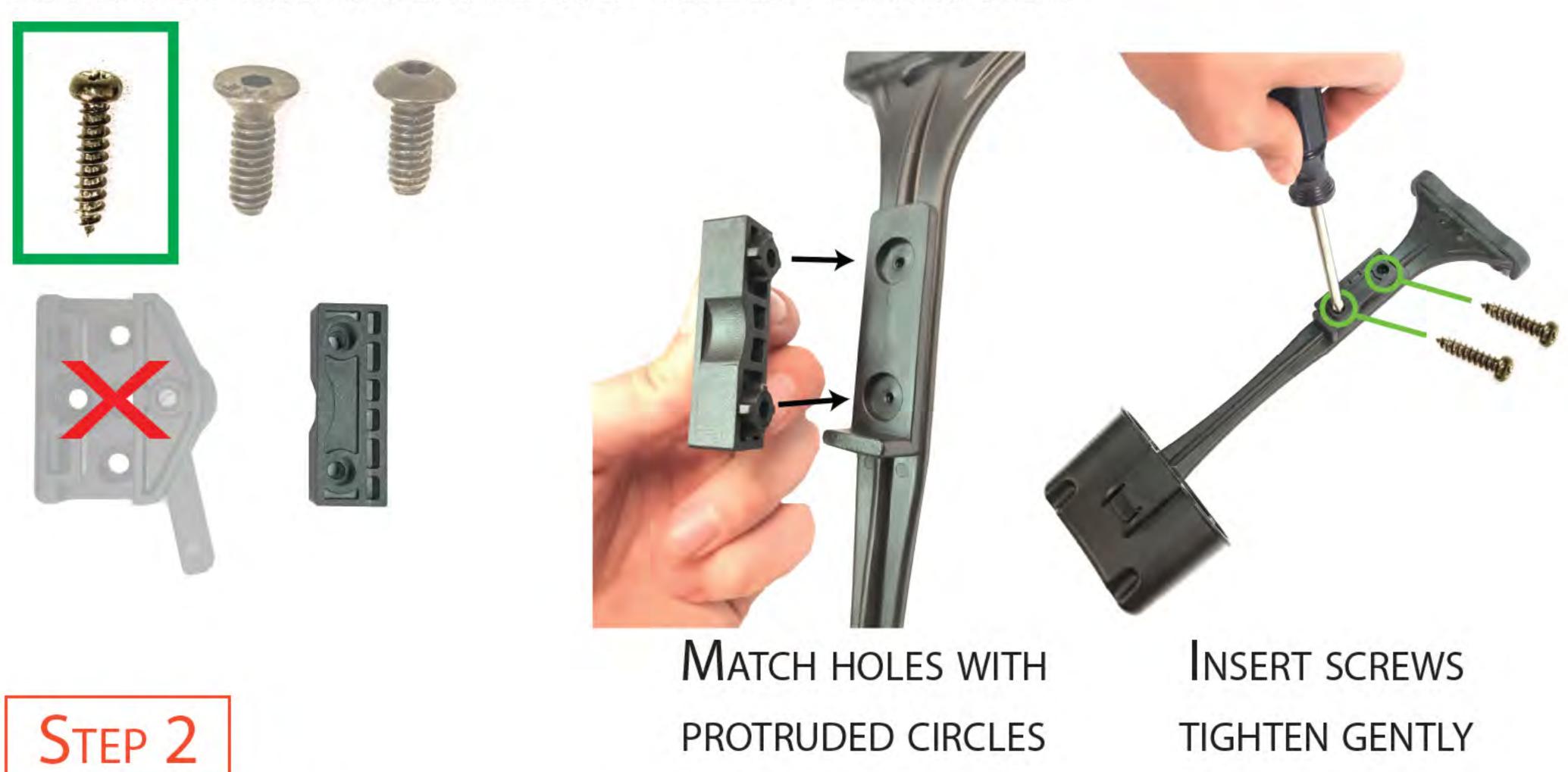
Your Bow is now strung! Your bow should look like this. It's time to add the scope, sling, and quick detach quiver!



QUIVER SET-UP

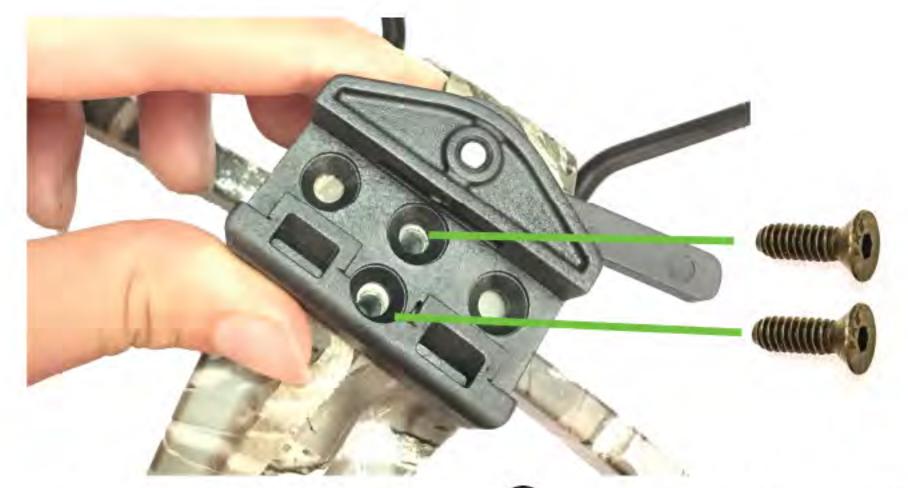
STEP 1

Attach the (4) quick detach piece of the quiver onto the (7) main quiver BODY. #2 PHILLIPS SCREWDRIVER NEEDED FOR THIS STEP.



Attach the (4) quiver mount to the bottom of the (1) bow. Tighten both of THE ALLEN SCREWS SECURELY.





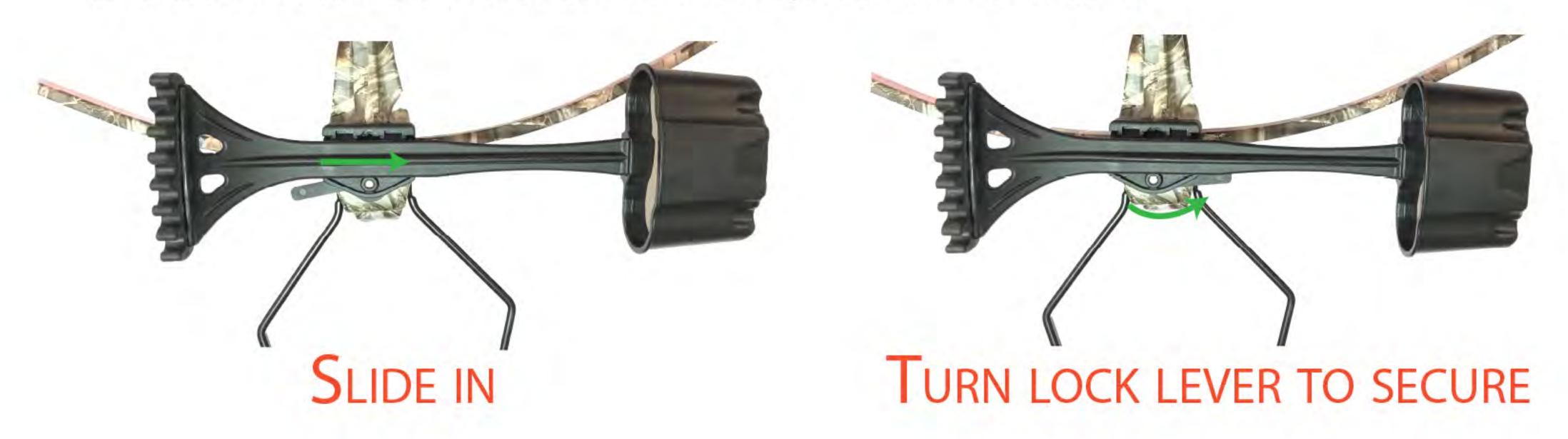
ALIGN THE HOLES IN THE QUIVER BRACKET WITH THE THREADED HOLES IN THE UNDERSIDE OF THE STOCK.



QUIVER SET-UP

STEP 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.



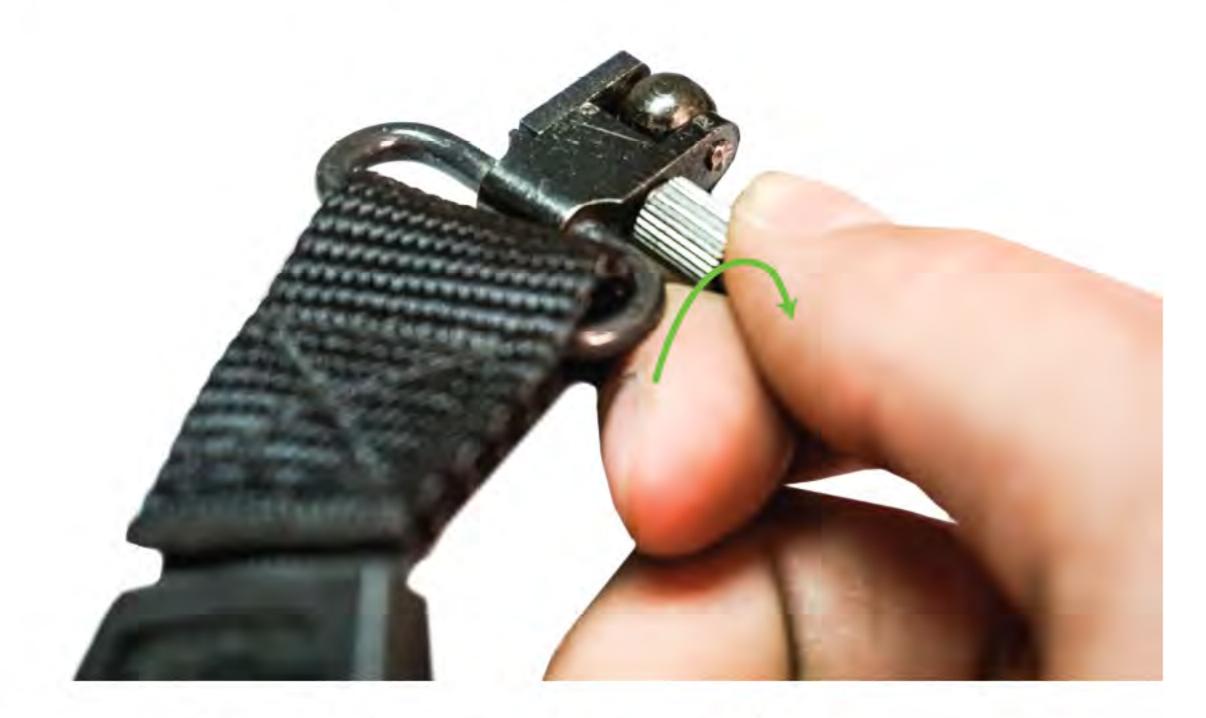
SHOULDER SLING

STEP 1

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

STEP 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.







LOOSEN SCOPE RINGS TO ADJUST CLAMPS

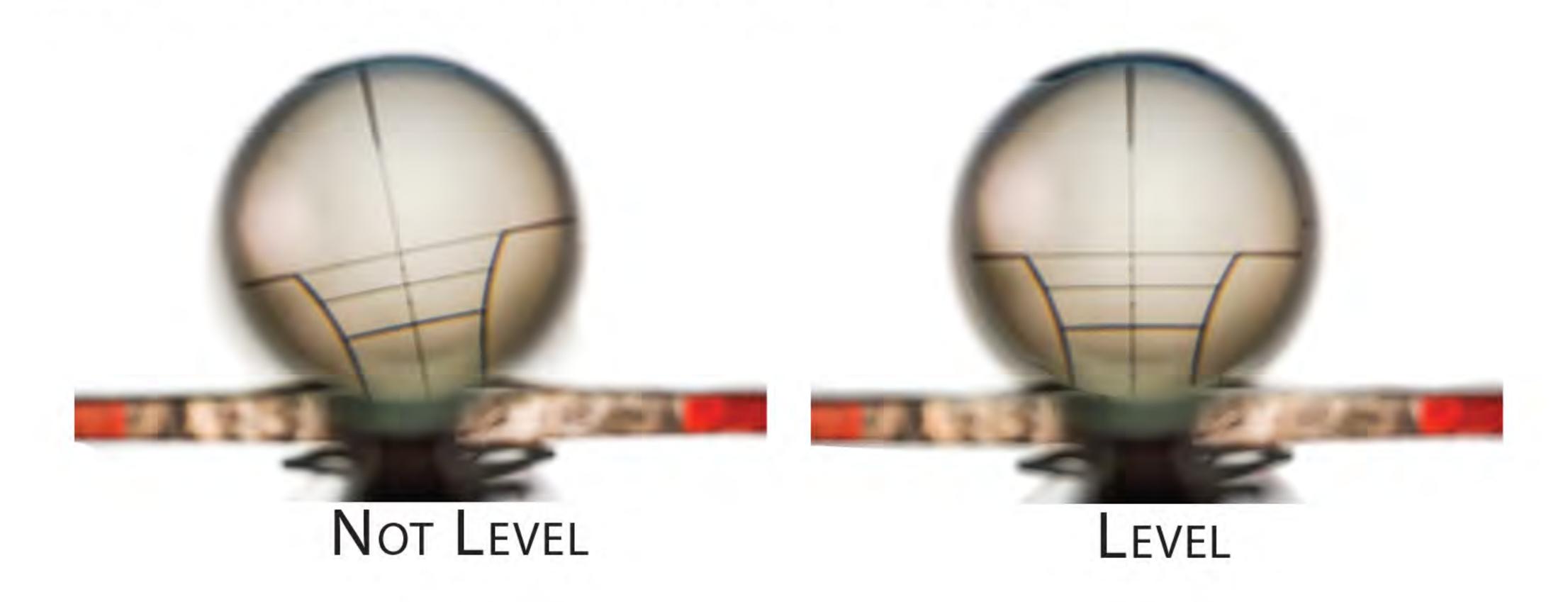
THE LOCKING BOLT SCREWS MUST SIT COMPLETELY INTO THE CROSS CUT SLOTS. IF THEY ARE NOT SEATED PROPERLY YOU WILL NOT BE ABLE TO SIGHT IN THE BOW.



SECURELY TIGHTEN THE CLAMPS

STEP 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.

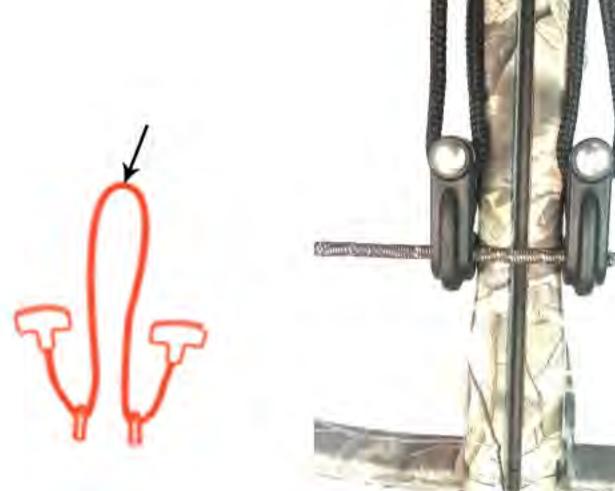
HOW TO USE ROPE COCKER

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.

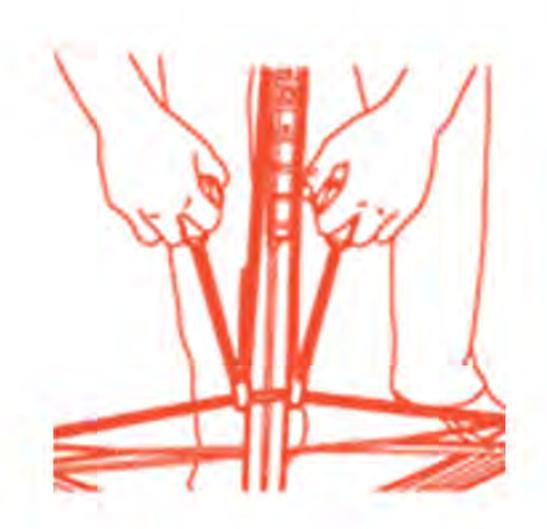
Make sure the crossbow is facing toward the ground for the cocking procedure below:

- 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.

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



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







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 GEAR. 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!

FIRING YOUR CROSSBOW

- 1. ALWAYS POINT THE CROSSBOW IN A SAFE DIRECTION.
- DRY FIRING WILL VOID THE WARRANTY FOR ALL PARTS!
- 2. Position the ODD color Fletching facing down in the track.

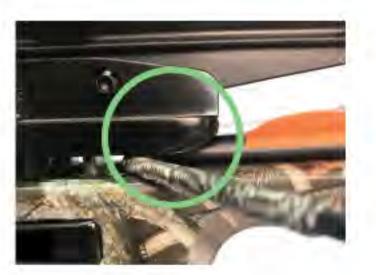


3. Make sure the bolt retainer spring has kept the bolt in the fully loaded position. (A GAP FROM STRING TO BOLT WILL RESULT IN A PARTIAL DRY FIRE AND WILL DAMAGE YOUR BOW.)

NOT SEATED



SEATED



- **4.W**HEN 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.

INCORRECT FINGER POSITION DURING SHOOTING:



INCORRECT

NOTHING VENTURED,

NOTHING GAINED.

SAFETY INSTRUCTIONS

- ALWAYS MAKE SURE THE BOLTS, SCREWS AND PINS ARE SECURELY TIGHTENED AND IN PLACE BEFORE USING.
- **N**EVER ALLOW YOUR FINGERS OR THUMB TO MOVE ABOVE THE FLIGHT DECK AND KEEP THEM OUT OF THE PATH OF THE STRING WHILE HOLDING THE FORE-GRIP.
- Never dry-fire the crossbow. Shooting without a crossbow bolt is damaging to the crossbow. Dry firing will void the warranty and can result in damage to the limbs and string and possibly causing personal injury.
- ALWAYS INSPECT THE CROSSBOW EQUIPMENT FOR WORN, LOOSE, DAMAGED OR MISSING PARTS. REPLACE ANY IF MISSING, FRAYING OR DAMAGED PARTS ARE OBSERVED OR SUSPECTED.
- ALWAYS POINT YOUR CROSSBOW IN A SAFE DIRECTION AND KEEP THE CROSSBOW OUT OF THE REACH OF CHILDREN.
- Do not remove or deactivate your crossbow's safety features or accessories, potentially rendering the crossbow dangerous to you or others.
- ALWAYS KEEP ALL BODY PARTS CLEAR OF THE BOWSTRING'S PATH DURING USE.
- ALWAYS MAKE SURE THE CROSSBOW BOLT IS FULLY SEATED IN THE FURTHEST BACK POSITION TO REDUCE POSSIBILITY OF DRY FIRE.
- Replace strings if visible signs of fraying or broken strands are evident.
- Do not transport or store your crossbow while it is cocked or loaded.
- Do not attempt to use your crossbow under the influence of alcohol, prescription or non-prescription drugs.
- ALWAYS USE SUITABLE CROSSBOW BOLTS. CROSSBOW BOLTS OF IMPROPER STIFFNESS OR WEIGHT MAY DAMAGE THE LIMB SET VOIDING THE WARRANTY AND POSSIBLY CAUSING PERSONAL INJURY.
- When practice shooting, wear eye protection and be sure your range is located in a spacious area free of buildings and your target is designed for crossbow use.

MAINTENANCE AND CARE

- 1. Apply rail lube or wax to the string and cables liberally. Do not over lubricate the center section of the crossbow string as this may cause a buildup of lubricant in the trigger mechanism. Keep the flight track and the string serving waxed to reduce friction. Always check and replace frayed or worn strings and cables.
- 2. Periodically put a few drops of high quality machine oil in the trigger mechanism.
- 3. ALWAYS STORE YOUR CROSSBOW IN A COOL, DRY PLACE. DO NOT EXPOSE YOUR CROSSBOW TO EXCESSIVE HEAT SUCH AS LEAVING IT IN AN AUTOMOBILE TRUNK ON A HOT DAY OR STORING IT NEXT TO A FURNACE VENT.
- 4. Before each shooting session, examine all bolts (screws), pins and fasteners. Tighten all bolts (screws) as needed.
- 5. Be sure to have your crossbow examined annually by a qualified crossbow dealer.
- **6.** Do not leave your crossbow cocked for extended periods of time or overnight.

WARRANTY INFORMATION

Subject to the terms, conditions and limitations outlined below, we guarantee 3 year warranty service to the original purchaser for our crossbows against defects in materials and workmanship that adversely affect the crossbow's operation. However, crossbow strings, cosmetic appearance and component parts and those which are subject to a variety of conditions in normal use and considered to be consumable parts will be excluded.

This limited warranty will be void if the following occur:

- Damage is caused by dry-firing or by using underweight arrows/bolts
- The instructions in the owner's manual are not followed
- ullet The crossbow or any of its parts or accessories are altered from their original state
- The crossbow has not been maintained properly
- Failure or damage was caused by improper calibration or by abnormal use.

PLEASE CAREFULLY PACKAGE AND RETURN THE PRODUCT, TRANSPORTATION CHARGES PRE-PAID TO YOUR DEALERS OR DISTRIBUTORS. ALL ACCESSORY ITEMS MUST BE REMOVED FROM THE CROSSBOW PRIOR TO SHIPPING. IF AFTER EXAMINING A RETURNED PRODUCT, THE DEALER DETERMINES THAT THE PRODUCT IS NOT SUBJECT TO THIS LIMITED WARRANTY, PRODUCT REPAIRS CAN BE PROVIDED AT THEN-CURRENT REPAIR RATES INFORMED BY THE DEALER.

WARRANTY REGISTRATION

Warranty Registration must be completed online or mailed to masters outdoors LLC. Within 30 days of purchase to validate the warranty.

DEALER'S CONTACT INFORMATION:	
Model Number/Name	
DATE OF PURCHASE	
Purchaser's Name	
Address	
CITY	
STATE	
ZIP CODE	
EMAIL	
PHONE NUMBER	



VIKING CROSSBOWS DIVISION OF MASTERS OUTDOORS LLC. 13200 NW 43RD AVE. BAY E MIAMI, FL 33054