

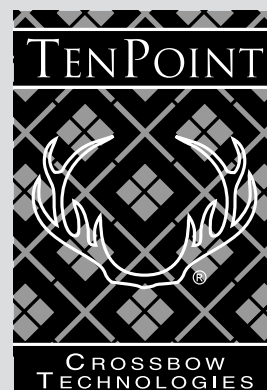
TenPoint Crossbow Technologies™

## DEFENDER CLS™ ASSEMBLY INSTRUCTIONS

*To prevent injury to yourself or others, or damage to your crossbow, read this manual along with all other operating and safety instructions included in your crossbow package before assembling, loading or using the crossbow.*

THIS MANUAL COVERS:

***DEFENDER CLS™***



...the mark of perfection™

**TenPoint Crossbow Technologies®**

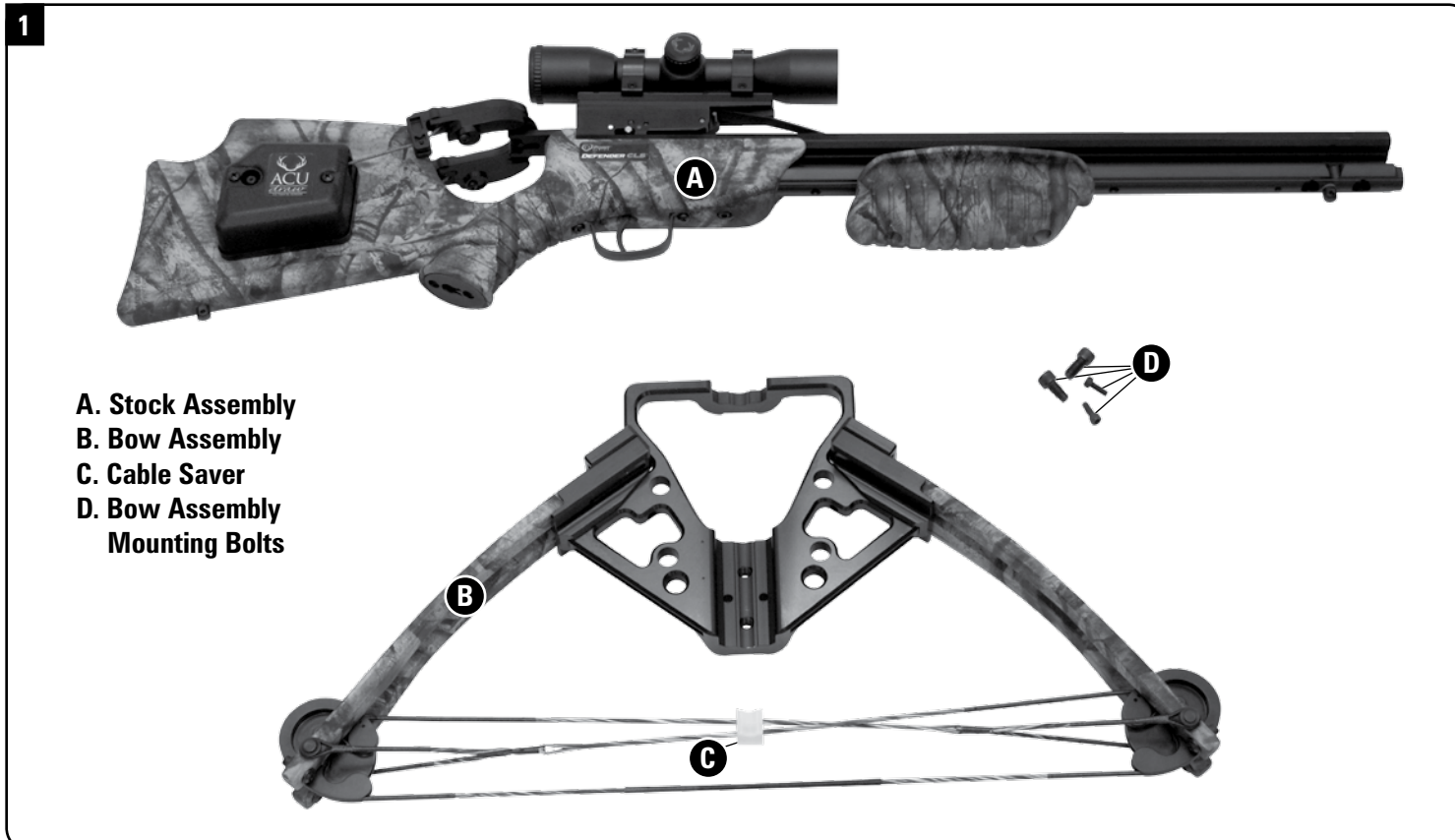
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# DEFENDER CLS™ ASSEMBLY

The Defender CLS is easy to assemble. Basically, you only have to bolt the bow assembly to the barrel assembly, install the quiver bracket (if you are going to attach the quiver to the bow) and you are ready to shoot. Once assembled correctly, your crossbow is pre-sighted for 20-yards.

Lay out the contents of your crossbow box in front of you. Be certain the box contains all of the following items before beginning assembly (photo 1):



- A. Stock Assembly
- B. Bow Assembly
- C. Cable Saver
- D. Bow Assembly Mounting Bolts

- One (1) complete stock assembly with fore-grip (located in the “short” position)
- One (1) complete bow assembly
- One (1) cable saver
- One (1) large clear plastic bag containing paperwork (including a warranty card) and one (1) other sealed plastic bag containing 4 bow assembly mounting bolts (2 large and 2 small), Allen wrenches and a sample tube of oil.

# ASSEMBLY STEPS

1. Attach the cable saver to the cables. **Note: Do not attach the bow assembly to the stock assembly without the cable saver – cable damage will occur and the crossbow will be unsafe to shoot.**

- When viewing the cable saver from the side, with its “dish” (concave surface) facing up, notice that one of the two cable notches is positioned deeper into the cable saver (closer to the “dish”) than the other.
- Because the cables cross, one rests on top of the other. The top cable goes into the deeper of the two cable saver notches and the bottom cable goes into the shallower cable saver notch (photo 2), allowing the cable saver to maintain a relatively level position on top of the two cables.
- Before sliding the cable saver into the barrel’s cable slot, apply a drop of Flight Groove / Trigger Lube (HCA-111) or Microlon’s® Precision Oiler (HCA-11107) to the “dish” (concave surface) or top of the cable saver (the part that comes in contact with the underside of the barrel’s arrow flight groove).

2. Attach the bow assembly to the stock assembly as follows:

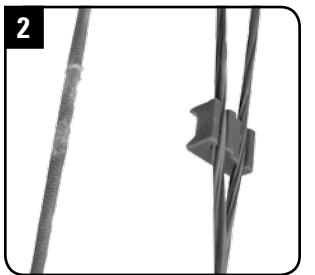
- Position the bowstring on top of the barrel’s flight deck while you insert the cable saver (concave side up) and the cables in between the top and bottom UL TriLoc barrel. The cable saver’s concave groove (“dish”) should mate with the underside of the top barrel’s arrow flight groove (photo 3).
- Slide the bow assembly (riser) between the top and bottom barrel until the four holes in the bottom of the riser are in the proper position. Align the two bolt alignment barrel notches (left and right side) and the two large holes on the bottom of the barrel with the four holes in the bottom of the riser for proper positioning (photo 4).
- Insert the **two small assembly bolts** into the bolt alignment barrel notches on the right and left of the barrel (these bolts attach through the bottom of the riser and into the top barrel) (photos 5 & 6).

**Note:** Failing to install the small bolts in the side alignment notches will create a “launch-ramp” effect (causing an excessively high shot).

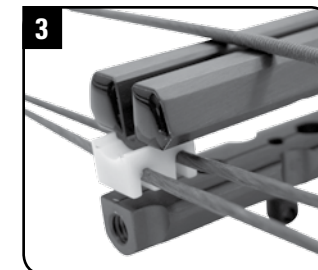
- Insert the **two large bow assembly bolts** through the holes in the bottom of the UL TriLoc barrel that align with the riser (photo 7).

**Note:** Squeezing the top and bottom of the barrel with your free hand when tightening all of the assembly bolts will help avoid thread stripping caused by bolt misalignment.

- After tightening the two small and two large assembly bolts, try tightening all four of them again.



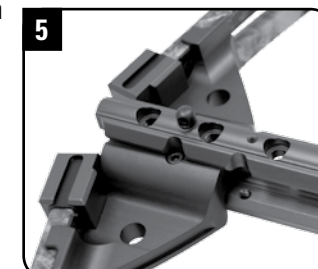
Make certain your cables go into the correct slots in your cable saver.



The cable saver’s concave groove (“dish”) should mate with the underside of the barrel’s arrow flight groove.



Bow assembly properly aligned between the top and bottom of the UL TriLoc barrel.



Insert the two smaller side alignment bolts before inserting the two larger bow assembly bolts.



Squeeze the top and bottom of the barrel with your free hand when tightening the two smaller side alignment bolts.



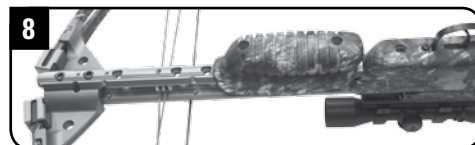
Continue to squeeze the top and bottom of the barrel with your free hand when tightening the two larger bow assembly bolts.

## ASSEMBLY STEPS (Cont.)

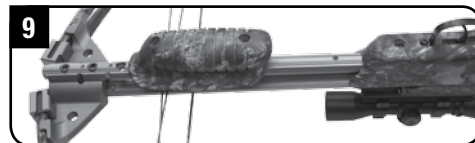
- If you choose to move the fore-grip to the long position (a matter of personal preference), remove the two fore-grip screws, align to desired position, re-insert them and tighten securely (photos 8 & 9).

**Note:** If you will be mounting the HX Instant Detach Quiver, follow the directions below.

- You are now ready to test-fire your crossbow and fine-tune your sights (See appropriate **Cocking, Loading & Sighting** sections in the general manual).



Fore-grip in "short" position.



Fore-grip in "long" position.

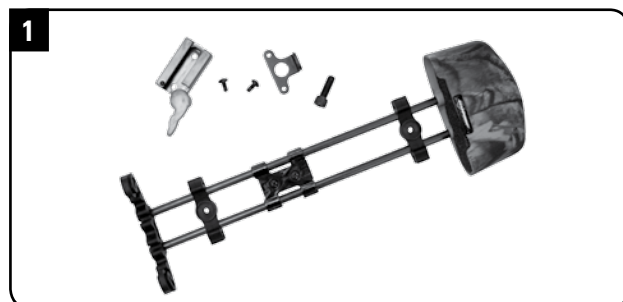
## DEFENDER CLS™ QUIVER MOUNTING

**Your Defender CLS quiver mounting kit is easy to install.**

The quiver mounting kit contains the following parts (photo 1):

- Quick disconnect (female) attachment with lever (1)
- Phillips pan-head machine screws (2)
- Quiver mounting bracket (1)
- HX Instant Detach Quiver with quick disconnect (male) attachment (1)
- 5/8-inch socket-head cap screw foot stirrup bolt (not applicable to the Defender CLS) (1)
- 7/8-inch socket-head cap screw foot stirrup bolt (use when mounting quiver on bow) (1)

1. Attach the quick disconnect (female) attachment to the quiver mounting bracket using the two Phillips pan-head machine screws provided.
2. With the crossbow positioned bottom side up, mount the quiver bracket assembly between the 5/8-inch foot stirrup bolt and the riser (photo 2).
3. Insert the HX Instant Detach Quiver, with male attachment, into the quick disconnect (female) attachment and lock in place with the lever (photo 3).



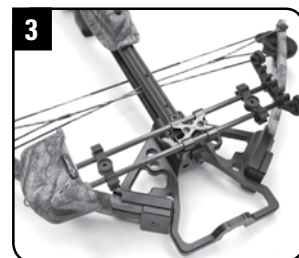
6 Point Series Quiver Mounting Kit



Quiver Mounted to Bow



Mount the quiver bracket assembly between the 5/8-inch foot stirrup bolt and the riser.



Insert the HX Instant Detach Quiver into place and lock in place with the lever.