INSTALLATION & SIGHT IN INSTRUCTIONS FOR THE NYTRX PRO CORE 3 ADJUSTABLE BOW SIGHT

CAREFULLY READ THE FOLLOWING INSTRUCTIONS COMPLETELY BEFORE MOUNTING OR SIGHTING IN YOUR BOW!

Mounting the sight to your bow:

1. Using the (2) 10-24 screws, mount the sight to your bow riser. For the side mount NYTRX PRO, choose the set of holes that best fit your riser and shooting style. For the Pic Mount simply mount the sight to the Pic Rail on the bow. For the Short Bar Dovetail, simply mount the Dovetail Block to the riser.
    a. To mount a sight using the Mathews Bridgelock™ system, simply slide the dovetail bar into the riser and secure using the screw provided by Mathews.

    Note: If you wish to mount a quiver to the DOVETAIL BLOCK, use the enclosed kit. When attaching your quiver bracket, place the (2) black washers BETWEEN the dovetail block and your quiver bracket.

2. **IMPORTANT!!** When mounting a NYTRX dovetail sight conventionally with (2) 10-24 screws on a riser that is more than 1" thick, position the INFINITE ADJUST PLATE to the inside of the SLIDE. If you are mounting a Pic Mount, Side Mount or Dovetail on a bow featuring Mathews Bridgelock™, position your INFINITE ADJUST PLATE as shown in IMAGE A.

    If you run out of windage to the LEFT on a RIGHT HANDED bow or to the RIGHT on a LEFT HANDED bow, flip your INFINITE ADJUST PLATE 180^{O}.

    To "flip" the INFINITE ADJUST PLATE, simply remove the 2^{nd} AXIS BLOCK completely from the INFINITE ADJUST PLATE, rotate the INFINITE ADJUST PLATE 180^{O}, and insert it into the SLIDE. Reattach the 2^{nd} AXIS BLOCK.

3. Moderately snug both cap screws in the INFINITE ADJUST PLATE.

4. Slightly snug the top screw in the 2^{nd} AXIS BLOCK. Loosen the bottom screw. Grasping the SCOPE, rotate the entire 2^{nd} AXIS BLOCK/SCOPE assembly clockwise/counter-clockwise to position it in the approximate center of the 2^{nd} AXIS "swing". Tighten the bottom screw, then tighten the top.

    Note: The 2nd AXIS BLOCK has a hole at the top and a slot at the bottom for attachment to the INFINITE ADJUST PLATE. The average archer may not use this feature and will simply position the bottom screw in the "MIDDLE" of the slot before tightening. The

more technical archer will require that the level in the scope housing is positioned perfectly square with the vertical axis of the bow. This is done by mounting the bow vertically in a bow vise. With the TOP mounting screw slightly snug, and the bottom screw loose, rotate the entire 2nd AXIS BLOCK/SCOPE ASSEMBLY until the bubble in the level is positioned between the witness marks. Tighten the BOTTOM screw, then the TOP.

Sighting in:

1. WINDAGE (left and right) adjustment: The NYTRX PRO CORE 3 have a "course click" and a "micro click" for fast and precision LEFT/RIGHT ADJUSTMENT.
    a. Loosen the WINDAGE LOCK KNOB, and push the entire scope assembly LEFT/RIGHT through the 2nd AXIS BLOCK to roughly position the sight pin in vertical alignment with your arrow. Tighten the WINDAGE LOCK KNOB.
    b. At CLOSE RANGE, shoot several arrows to determine the direction of adjustment required.
    c. If your arrows group to the LEFT of the target:
        i. Loosen the WINDAGE LOCK KNOB (rotate counter-clockwise)
        ii. Rotate the CLICKER KNOB counter-clockwise for RIGHT HANDED bow.
        iii. Rotate the CLICKER KNOB clockwise for LEFT HANDED bow.
    d. If your arrows group to the RIGHT of the target:
        i. Loosen the WINDAGE LOCK KNOB (rotate counter-clockwise).
        ii. Rotate the CLICKER KNOB clockwise for RIGHT HANDED bow.
        iii. Rotate the CLICKER KNOB counter-clockwise for LEFT HANDED bow.
    e. One click = 1/8" at 20 yards
    f. Always tighten the WINDAGE LOCK KNOB before shooting (rotate clockwise).
2. ELEVATION (up and down adjustment) / Selecting the correct yardage tape: Your NYTRX PRO CORE 3 comes pre-set from the factory with a SET-UP tape installed on your sight reading "0" when the slide is moved to the UPWARD-MOST POSITION. It also comes complete with a set of 52 different tapes numbered from 26 (extremely fast bow) to 77 (moderately slow bow). The numbers on the SET-UP tape are NOT yardage marks. They are merely a means of measuring and selecting the proper yardage tape. In

order to select the correct tape, you must have a SAFE range with a measured 20 yards and a measured 60 yards.

**Only the TOP pin and needle will be used for sighting in your new NYTRX PRO CORE 3 bow sight for steps A-K.*

a. Rotate the TAPE DIAL counter-clockwise (for R.H.), clockwise (for L.H.) to position the SLIDE in the UPWARD-MOST POSITION. Tighten the TAPE DIAL by rotating the DIAL LOCK clockwise. The "ZERO" on the SET-UP tape is now aligned with the TOP needle.
b. SIGHT IN AT 20 YARDS with the TOP PIN and TOP INDICATOR by loosening the (2) screws ¼ turn in the INFINITE ADJUST PLATE, and sliding it vertically along the SLIDE.
    i. IF the INFINITE ADJUST PLATE is bottomed out on the INFINITE ADJUST CHANNEL, make ELEVATION ADJUSTMENTS with the YARDAGE WHEEL while keeping the YARDAGE WHEEL as close to "ZERO" as possible.
    ii. Make note of the number on the SET-UP tape that is aligned with the TOP needle (most situations it will be ZERO).
c. SIGHT IN AT 60 YARDS with the TOP PIN and TOP INDICATOR by rotating the SET-UP SPOOL. Note: The accuracy of the entire shooting system depends on an extremely accurate sighting at both 20 and 60 yards.
d. Once you are accurately sighted in at 60 yards, lock the SET-UP SPOOL by rotating the DIAL LOCK clockwise.
e. Make note of the number on the SET-UP SPOOL that is aligned with the TOP needle. (example: 50).
f. The sight tapes in the enclosed kit are numbered from 26 to 77. Our example shows that we were at 50 on the SET-UP tape when at 60 yards and "ZERO" when at 20 yards. We will then take our 60-yard mark minus our 20-yard mark, so 50-0=50. In this situation we will use sight tape # 50 (If past 77 please contact our office at 800-548-7812 as you may need our low poundage tapes).

g. Simply peel tape # 50 from the kit and carefully apply it to the BLANK SPOOL on top of the SET-UP TAPE.
h. After the YARDAGE tape is squarely applied to the BLANK SPOOL, remove, and apply the enclosed Mylar decal over the two tape ends to secure.
i. Loosen the set screw in the SET-UP SPOOL and remove the spool from the HUB by pulling it straight off.
j. Slide the YARDAGE SPOOL all the way onto the HUB. Rotate the spool to position "60" line with the TOP INDICATOR. Tighten the set screw (Do NOT over-tighten!!!). Loosen the DIAL LOCK.
k. Your NYTRX PRO CORE 3 now has the TOP PIN and TOP INDICATOR sighted in.
l. Sight in your 2nd Pin at the desired distance, for our example we will use 30 yards. To make your vertical adjustment at 30 yards, move the 2nd PIN up or down.
m. Once the 2nd PIN is sighted in adjust your 2nd NEEDLE to the same distance as the 2nd PIN, in our scenario position the 2nd NEEDLE at 30 yards.
n. Sight in your 3rd Pin at the desired distance, for our example we will use 40 yards. To make your vertical adjustment at 40 yards, move the 3rd PIN up or down.
o. Once the 3rd PIN is sighted in adjust your 3rd NEEDLE to the same distance as the 3rd PIN, in our scenario position the 3rd NEEDLE at 40 yards.
p. *Only for the X4* Sight in your 4th Pin at the desired distance, for our example we will use 50 yards. To make your vertical adjustment at 50 yards, move the 4th PIN up or down.
q. *Only for the X4* Once the 4th PIN is sighted in adjust your 4th NEEDLE to the same distance as the 4th PIN, in our scenario position the 4th NEEDLE at 50 yards.
r. Your NYTRX PRO CORE 3 is now fully sighted in with all moveable pins.

<u>1st Axis Adjustment:</u>

It is best to have a qualified bow technician set 1st, 2nd and 3rd axis. With the bow mounted vertically level in a bow vise, ensure that the INFINITE ADJUST SLIDE is leveled to the bow. If not, loosen the 1st AXIS ADJUSTMENT SCREW. Insert the enclosed wrench into the 1ST AXIS ADJUSTMENT SCREW and rotate until the INFINITE ADJUST SLIDE is leveled.

2nd Axis Adjustment:

With the bow mounted vertically level in a bow vise, and with the 1st axis previously calibrated, ensure that the level in the scope is reading level to the INFINITE ADJUST RAIL. If not, loosen the 2nd AXIS ADJUSTMENT screw and rotate until the bubble is centered. Tighten the 2nd AXIS ADJUSTMENT SCREW.

3rd Axis Adjustment:

It is best to have a qualified bow technician set 3rd axis. With the bow mounted vertically level in a bow vise, and with the 2nd axis previously calibrated, the vise is tilted forward 45 degrees and locked. The level in the scope is then observed to assure that the bubble is still reading true. If not, loosen the 3rd AXIS LOCK SCREW. Insert the enclosed wrench into the 3rd AXIS ADJUSTMENT SCREW and rotate until the bubble is centered. Next, the bow vise is loosened, tilted backwards 45 degrees, and locked. Check that the bubble reads true. Tighten the 3rd AXIS LOCK SCREW.

Removing Your Scope Ring

To remove your interchangeable scope ring from your NYTRX CORE sight, start first by removing your fiber glide from your scope housing.

Then, using the tool provided in your hardware kit, gently insert the tool underneath the current scope ring towards the bottom, near the level. Carefully apply upward pressure using the tool to pop the scope ring out of place. Work your way around the scope ring, unlocking each section.

Avoid twisting, prying, or forcing the ring out of place, this can cause damage to your scope ring. Once scope ring is released from its pressed position, gently remove by lifting the ring upward.

At this point you can now insert your new scope ring into your NYTRX CORE sight. Align the pegs on the replacement scope ring with the machined holes in the scope housing, once properly aligned, place the sight on a flat surface and firmly press the ring into place.

FOR MORE IN DEPTH INSTRUCTIONS VISIT OUR WEBSITE AT HHASPORTS.COM OR OUR YOUTUBE CHANNEL

Image A

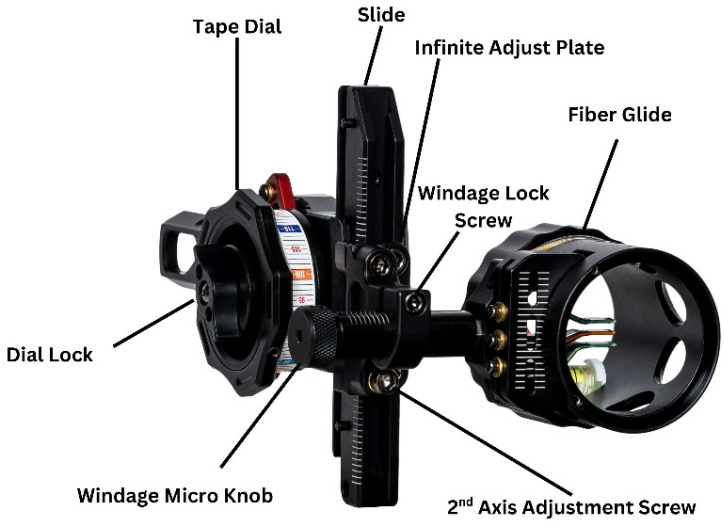


Image B

