NYTRX PRO CORE V2

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

Video Instructions - *hhasports.com/sight-in-videos/*

Mounting the sight to your bow:

1. **Side Mount** - Using the (2) 10-24 screws choose the set of holes that best fits your riser and shooting style. Securely tighten the sight to the riser of your bow.
2. **Pic Mount** - Loosen the Pic Rail clamp on your sight and securely mount it to the Picatinny rail on your bow.
3. **Short Bar Dovetail** – Use the (2) 10-24 screws to mount the dovetail block to the riser, or to mount your sight using the Mathews Bridgelock™ system, simply slide the dovetail bar into the riser and secure using the screw provided by Mathews.
4. **Bridgelock Mount -** Simply slide the Bridgelock bar into the riser and secure using the screw provided by Mathews.

   IMPORTANT!! When mounting a NYTRX Dovetail or Side Mount sight conventionally with (2) 10-24 screws to a riser that is more than 1" thick, position the INFINITE ADJUST PLATE to the inside of the SLIDE. If you're mounting your sight conventionally on a riser less than 1" thick or utilizing and inline mounting option such as the Mathews Bridgelock™ system or a Picatinny mount, position your INFINITE ADJUST PLATE as shown in IMAGE A.

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

Setting 1st, 2nd, and 3rd Axis:

1st Axis Adjustment:

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:

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.

Pin Adjustment

Note: Adjusting your pins up and down is not necessary until after the 20 and 60 sight in process. Your top pin will come pre-set.

a. To adjust your pins insert a 1/16" allen wrench into the drilled access hole on the side of the scope as pictured in image C. To move your top pin use the access hole closest to your target, to adjust the bottom pin use the hole closest to your riser. Loosen a half turn to unlock the pin.
b. Next insert a 5/64" allen wrench into the access hole on the bottom of the scope also shown in image C. Turn counterclockwise to adjust the pin upwards, turn clockwise to adjust the pin downward.
c. Once you have finished moving your desired pin either up or down be sure to secure your pin using the 1/16" wrench in the access hole on the side of the scope.

Sighting in:

a. **WINDAGE** (left and right) adjustment: The NYTRX has a "course click" and a "micro click" for fast and precision LEFT/RIGHT ADJUSTMENT.
b. 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.
c. At CLOSE RANGE, shoot several arrows to determine the direction of adjustment required.
d. 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.
e. 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.
f. One click = 1/8" at 20 yards
g. Always tighten the WINDAGE LOCK KNOB before shooting (rotate clockwise).

Selecting the Proper Sight Tape

To select the correct tape, you must have a SAFE range with a measured **20** yards and a measured **60** yards. Your NYTRX 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.

Only the TOP pin and needle will be used for sighting in your new NYTRX PRO CORE V2 bow sight for steps H-Q.

h. 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.

i. 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).

j. SIGHT IN AT **60 YARDS** with the TOP PIN and TOP INDICATOR by loosening the dial lock and rotating the TAPE DIAL clockwise until your point of impact is sufficient.

k. **Note**: The accuracy of the entire shooting system depends on being extremely accurate at both 20 and 60 yards.

l. Once you are accurately sighted in at 60 yards, lock the TAPE DIAL by rotating the DIAL LOCK clockwise.

m. Make note of the number on the SET-UP tape that is aligned with the TOP needle. (example: 50).

n. 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).

o. Simply peel tape # 50 from the kit and carefully apply it to the TAPE DIAL on top of the SET-UP TAPE. "60" on the sight tape should line up directly under your top needle indicator that we previously locked down.

p. After the YARDAGE tape is squarely applied to the TAPE DIAL, remove and apply the enclosed Mylar decal over the two tape ends to secure.
q. Your NYTRX PRO CORE V2 now has the TOP PIN and TOP INDICATOR sighted in.

How To Adjust Your 2nd Pin

a. To adjust your 2nd pin insert a 1/16" allen wrench into the drilled access hole on the side of the scope as pictured in image C, loosen a half turn to unlock the pin.
b. Next insert a 5/64" allen wrench into the access hole on the bottom of the scope also shown in image C. Turn counterclockwise to adjust the pin upwards, turn clockwise to adjust the pin downward.
c. Once you have finished moving your pin either up or down be sure to secure your pin using a 1/16" wrench and the access hole on the side of the scope.

Sighting in Your Second Pin

r. Sight in your **2nd Pin** at your desired distance, for our example we will use 30 yards. To make your vertical adjustment at 30 yards, move the 2nd PIN itself up or down.
s. 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.
t. Your NYTRX PRO CORE V2 is now fully sighted in with 2 moveable pins.

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 hhasports.com/sight-in-videos/

Image A

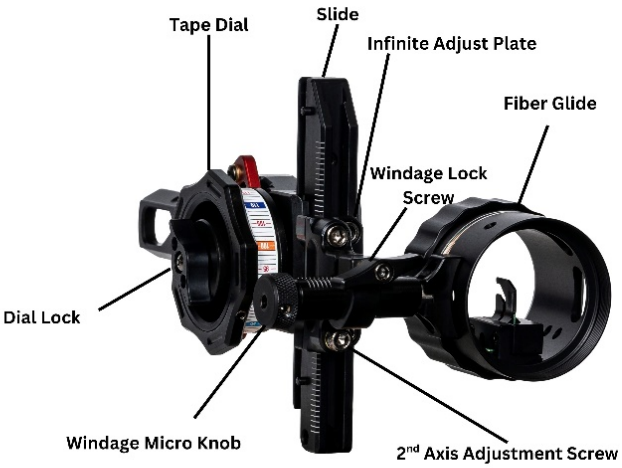


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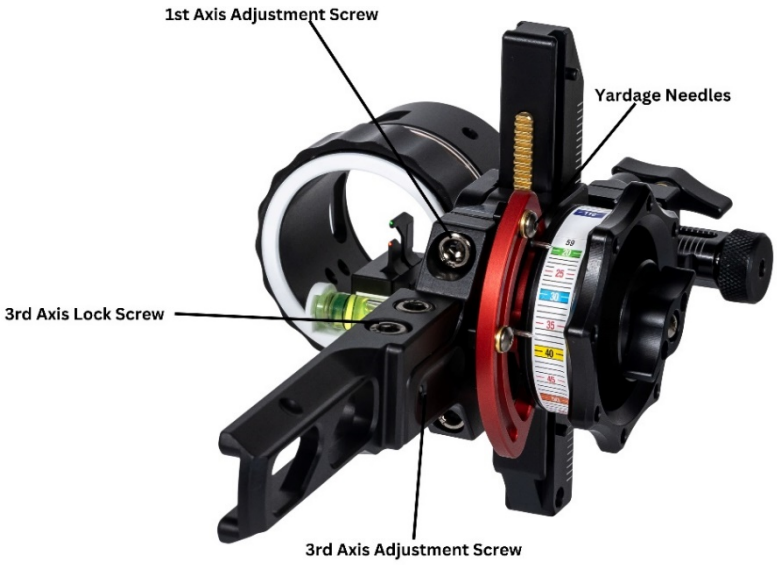
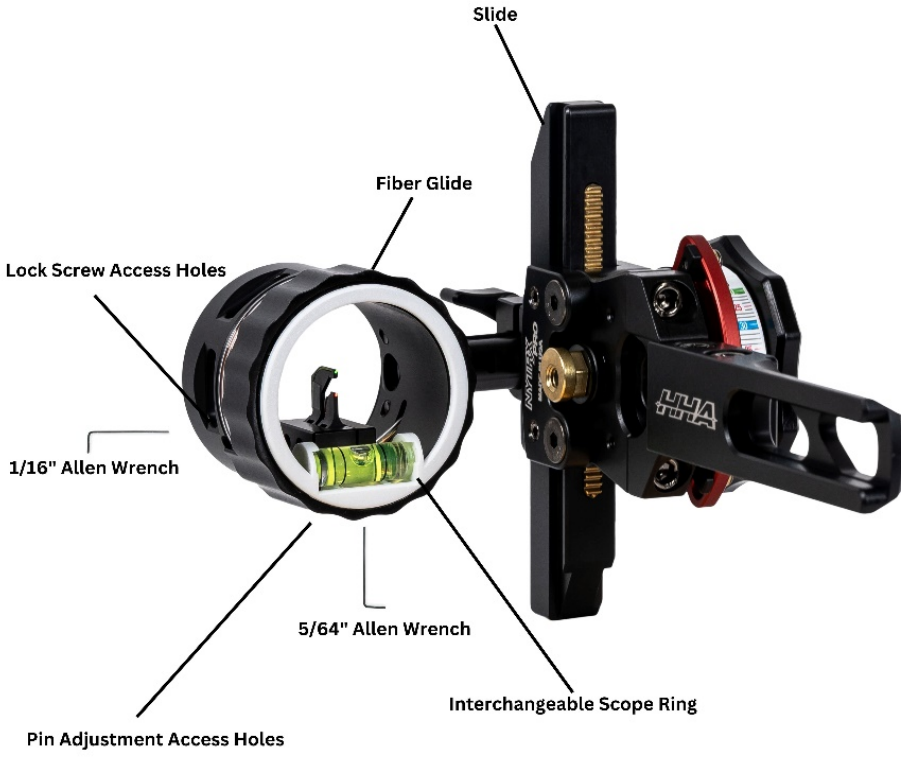


Image C



A

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