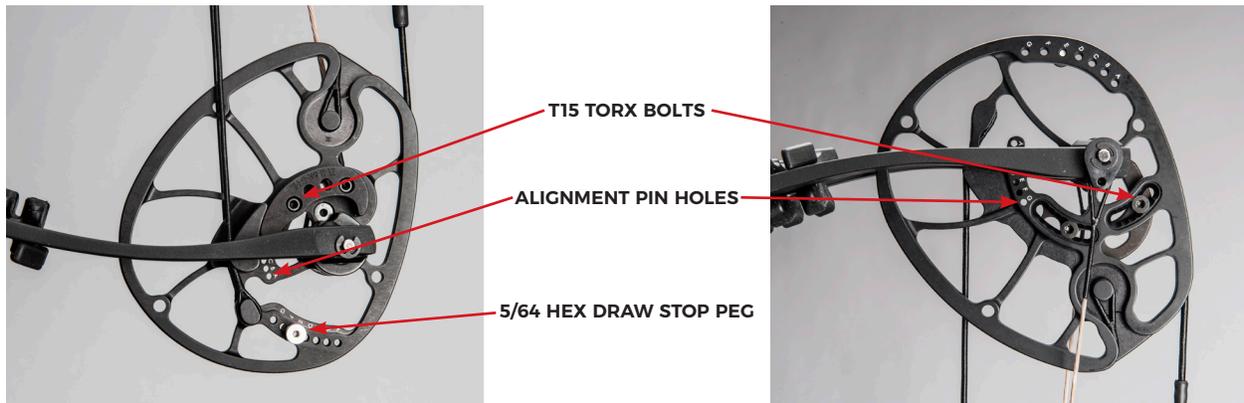




2018 HOYT PRODUCT TECHNICAL BULLETIN

BOTTOM ZT HYPER™ CAM DRAW LENGTH ADJUSTMENT

1. Using a T15 Torx wrench, unscrew each of the mod screws approximately 2.5 turns. (It is not necessary to fully remove the module screws.)
2. Once bolts are loose pull the cable side (thin mod) away from the cam to disengage the alignment pin.
3. You can now rotate the modules to your desired draw length position.
4. Draw length position is identified on the string side of the cam by looking for the last visible letter designator next to the module along with the pin hole location.
5. Once you have positioned the alignment peg into the desired draw length position, re-tighten the module screws.
6. Using a 5/64" hex wrench, unscrew the bottom draw stop peg and reinstall in the position corresponding to the module. The peg is a two piece peg. One side of the peg is a threaded stud with the second piece having a female thread. The male thread is threaded through the cam, the female peg then threads onto the threaded portion of the male thread that passes through the cam.



BOTTOM CAM STRING SIDE

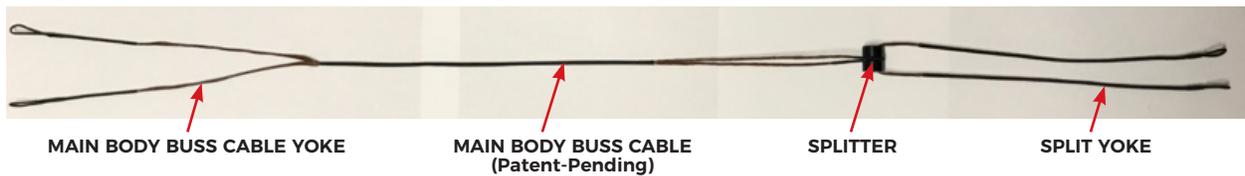
TOP CAM STRING SIDE

TOP ZT HYPER™ CAM DRAW LENGTH ADJUSTMENT

1. Using a T15 Torx wrench, unscrew each of the mod screws approximately 2.5 turns.
2. Once bolts are loose, pull the module away from the cam to disengage the alignment pin.
3. You can now rotate the module to your desired draw length position which can be identified on the string side by inserting the alignment pin into the desired draw length location as designated by the laser engraved letters. (On all Cams, A is shortest draw length position.)
4. Re-tighten module screws.
5. Using a 5/64" hex wrench, unscrew the top draw stop peg and reinstall in the position corresponding to the module.

SYNCHRONIZING THE ZT HYPER™ CAM SYSTEM

1. Timing should be set at dead even or top cam should be slightly ahead on the draw (Up to 1/16").
2. **NOTICE: YOU SHOULD ONLY ADJUST TWISTS IN THE YOKE OF THE MAIN BODY BUSS CABLE THAT ARE ATTACHED TO THE YOKE ANCHOR PULLEYS ON THE TOP LIMBS. FAILURE TO HEED THESE INSTRUCTIONS WILL RESULT IN A TWISTED BUSS CABLE WHICH WILL CAUSE THE SPLIT YOKE TO IMPACT THE DRAW STOP PEGS AT DIFFERENT TIMES.**
3. Add or remove twists evenly to both sides of the top yokes in ½ or 1 twist increments to adjust timing.
4. The control cable (cable that runs from cam to cam) may also be used to adjust timing by adding or removing twists.
5. Examples: If the top cam is hitting late on the draw add twists to main body buss cable yokes or remove twists from the control cable. If you remove twists from the control cable you will likely lower the Max draw weight the bow is capable of. We recommend making all timing adjustments using the main body buss cable yokes, if possible.



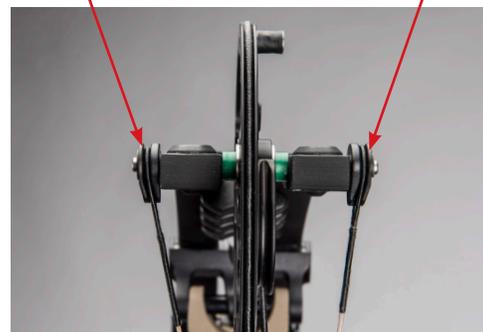
YOKE ANCHOR PULLEYS

- Hoyt's new anchor pulleys have been designed to equalize the load of both yokes by using different designed yokes for each side of the bow. The anchor pulley marked with an "S" is to be used on the "string side" of the bow and the anchor pulley marked with a "C" is to be used on the "cable side" of the bow. New anchor pulleys have different string groove depths that allow the yokes to have equal twists and keeps the top cam in a more vertical position.
- Hoyt's new 3D grooved anchor pulleys reduce cable wear on the yoke end loops by matching the angle that the yokes approach the pulley.



STRING SIDE ANCHOR PULLEY

CABLE SIDE ANCHOR PULLEY



RIGHT HAND BOW SHOWN
(LEFT HAND BOW WILL BE OPPOSITE)

TUNING AND CAM LEAN

1. Top cam nominal position is vertical (no lean). It is still an option to “yoke tune” if necessary. When yoke tuning - Lean the bottom of the top cam toward the roller mount to reduce a left tear. To reduce a right tear, stand the cam up straighter. Only use the main body buss cable yoke when yoke tuning. **NEVER USE THE BOTTOM SPLIT YOKE.**
2. The ZT Cam system tunes more center to slightly outside depending on the user. Hand pressure, face contact and arrow spine selection are all variables that affect left and right tuning.
3. Nominal starting position for center shot is approx. $7/8" \pm 3/16"$ - measured from the shelf (not the shelf pad) on both carbon and aluminum model bows.
4. Cable side “Main body buss cable yoke” can be twisted up to reduce right tear but the cam should not be stood up past vertical.
5. If you hold an arrow against the string side of the top cam the arrow will run parallel with the string when the top cam is straight. If the cam has been set past vertical, the arrow will diverge away from the string.



Vertical cam - Arrow runs parallel to the string



Cam is past vertical (not recommended) - Arrow diverges from the string

BI-AX POCKET SYSTEM™

- The new Bi-Ax Pocket design applies inward pressure on the limbs, holding them in place which is opposite from the prior 2 years where the pocket created outward pressure which required a technician to use clamps on the outside of the limbs to assemble and reinstall the e-clips on axles.
- This new design allows for much easier take-down and re-assembly when necessary.



2016 & 2017 POCKET



2018 POCKET

CABLE REMOVAL FROM ROLLER MOUNT

When removing the string and cables from the bow you must first remove each of the roller wheels.

1. Place bow in press to relieve tension on the cables.
2. Using a 5/32 Allen wrench, remove the shoulder bolt from the lower wheel. Once you have removed the lower roller wheel and bolt assembly you can then remove the upper roller wheel. Roller wheels have a shoulder on one side of the wheel. Pay close attention to the side of the wheel that is facing toward the bolt head and make sure to re-assemble in the same orientation.



Roller Mount - 5/32 Allen heads - Correct roller installation



Incorrect installation of Roller wheels

X-ACT GRIP™ REMOVAL

The new Hoyt X-Act grip is held in place using a commercial grade double sided tape. To remove the grip, use the following steps:

1. Using a hair drier, slowly heat up the back of the grip until it is warm to the touch.
2. Once the grip has warmed, you can pry up on the base of the grip (Do not use metal items such as a screw driver as it is possible to damage the riser).
3. This should release the bond between the tape and the grip.

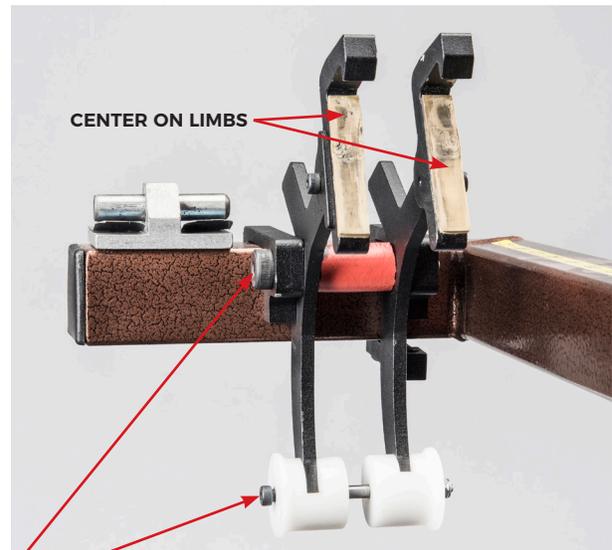


AFTER-MARKET STRING WARNING

⚠️WARNING: Never use after-market strings or cables on your bow. After-market strings and cables may not be suitable for replacement on your Hoyt bow. Hoyt cannot guarantee that the materials or the manufacturing methods used by after-market string and cable manufacturers will be suitable for use on your Hoyt bow. Failure to heed this warning could result in serious injury or death to yourself or bystanders. Only Genuine Hoyt or Fuse branded strings and cables should be used on your Hoyt bow.

⚠️WARNING: Never move, remove, or add additional string weights to your Hoyt bow's string or cables. String weights are specifically engineered for weight and location to ensure correct operation of your bow. Alterations to string and cable speed weights could cause your bow to break or malfunction and cause serious injury or death.

BOW PRESS NOTICE: LAST CHANCE® BOW PRESS ADJUSTMENT



ADJUST BOLTS TO WIDEN IF NECESSARY
TO PREVENT ROLLER EDGE FROM DAMAGING LIMBS
(BOTTOM LIMBS WILL REQUIRE A WIDER STANCE THAN TOP LIMBS)