HOYT COMPOUND BOW
LIMITED LIFETIME WARRANTY

All Hoyt compound bows are guaranteed against manufacturing defects in material or workmanship to the original owner on all risers, limbs, limb pockets, and eccentrics for the life of the product.*

*Visit www.hoyt.com/warranty for complete warranty details.

Bows purchased over the Internet or through mail order void all warranty.
Congratulations on the purchase of your new Hoyt bow. We are excited and grateful to have you as a part of Team Hoyt. You will be pleased to know that you have purchased the most technologically advanced and dependable bow on the market. Only the finest components go into every Hoyt bow along with over 85 years of industry leading experience in bow technology and manufacturing. With proper use and some basic maintenance, your new bow will provide you with years of great shooting and dependability.

Archery is a very enjoyable form of recreation for people of all ages and abilities. It is important to note that archery equipment, when not used properly, can create a dangerous situation, including death and serious personal injury for the archer or those around them. It is up to you to be a responsible archer, protect both yourself and others when enjoying this great sport. Whether you are an experienced archer or have never shot a bow, you must READ THIS ENTIRE MANUAL CAREFULLY before using your bow. Following all warnings and instructions contained in this manual will help ensure you and others have the safest and most enjoyable shooting experience possible. Keep this owner’s manual handy and reference it often. Should you lose this manual you can find a current manual online at www.hoyt.com. Good luck and safe shooting!

WELCOME TO TEAM HOYT.

Bow Serial Number:

Hoyt Bow Model:

Purchased From:

Purchase Date:

Draw Length:_______(in.) Draw Weight:_______[lb.]

String Length:_______(in.) Buss Cable Length:_______(in.)

Control Cable Length:_______(in.)

IMPORTANT!

A copy of your sales receipt is required for warranty purposes. The sales receipt, as well as the serial number, is your proof of date-of-purchase. Proof of date-of-purchase will be required if your bow ever needs warranty service.
This manual contains several safety warnings and instructions presented below:

**WARNING:** These signal words are designed to draw attention to important safety information.

**CAUTION:** Indicates a hazardous situation, which, if not avoided, could result in death or serious personal injury.

**NOTICE:** Indicates a hazardous situation, which, if not avoided, could result in minor or personal injury.

**READ THIS MANUAL CAREFULLY BEFORE HANDLING OR USING YOUR HOYT BOW FOR PERSONAL SAFETY.**

Read and follow all warnings and guidelines for safe operating parameters at www.hoyt.com/safetyandwarnings

The warnings contained within this owner’s manual were current at time of printing.

For the most up to date list of warnings please visit: www.hoyt.com/safetyandwarnings

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**WARNING:**

**Important Safety Information:**

**CAUTION:**

**NOTICE:**

**Read and follow all warnings and guidelines for safe operating parameters at www.hoyt.com/safetyandwarnings**

**WARNING:** Always wear safety glasses when handling or shooting your bow.

**CAUTION:** Never leave your bow unattended while set up for shooting.

**NOTICE:** Always ensure that the area around your bow is clear of any and all obstructions to prevent injury to you or others.

**WARNING:** Never let go of the bow handle while drawing the bow, holding the bow full draw, or shooting the bow. It is important that you are able to maintain a constant draw weight on the bow throughout the shooting cycle.

**CAUTION:** Be aware of your surroundings while shooting your bow. Never shoot at objects that could ricochet and cause damage or injury to others.

**WARNING:** Never dry fire your bow. To dry fire your bow, means to shoot the bow with- out an arrow. Never dry fire your bow in a confined space or near combustible materials. Dry firing the bow could cause the bow to break and could cause death or serious injury to you or others.

**CAUTION:** Never loosen your limb weight adjustment bolts more than 8 turns as this could lead to an unintentional dry fire. A dry fire could cause the bow to break and could cause death or serious injury to you or others.

**NOTICE:** Never use alcohol or drugs while handling or shooting your bow.

**WARNING:** Never shoot and never draw or shoot a bow with frayed, worn, or damaged string or cables as they could break. Frayed, worn, or damaged bowstrings or cables should be immediately replaced by Hoyt or a Genuine Hoyt Retailer before the bow is used.

**CAUTION:** Never shoot or draw your bow without all string accessories (peep sight, kisser button, nock points, D-Loop, string silencers, string weights, and speed cables) properly installed and secured to the string. Do not use brass or other metal clamp-on nocking point or string weighting devices. Hoyt recommends that only a Genuine Hoyt Retailer install all string accessories. (see page 6 for definition of Hoyt Bow Safe Operating Parameters).

**NOTICE:** Never loosen your limb weight adjustment bolts more than 8 turns as this could lead to an unintentional dry fire. A dry fire could cause the bow to break and could cause death or serious injury to you or others.

**WARNING:** Never draw or shoot your bow without all string accessories (peep sight, kisser button, nock points, D-Loop, string silencers, string weights, and speed cables) properly installed and secured to the string. Do not use brass or other metal clamp-on nocking point or string weighting devices. Hoyt recommends that only a Genuine Hoyt Retailer install all string accessories. (see page 6 for definition of Hoyt Bow Safe Operating Parameters).

**CAUTION:** Never draw or shoot your bow with frayed, worn, or damaged string or cables as they could break. Frayed, worn, or damaged bowstrings or cables should be immediately replaced by Hoyt or a Genuine Hoyt Retailer before the bow is used.

**NOTICE:** Always inspect your strings and cables each time before shooting your bow. Hoyt recommends that you replace your strings and cables after 2,000 shots or 2 years, whichever is first.

**WARNING:** Never draw or shoot your bow without all string accessories (peep sight, kisser button, nock points, D-Loop, string silencers, string weights, and speed cables) properly installed and secured to the string. Do not use brass or other metal clamp-on nocking point or string weighting devices. Hoyt recommends that only a Genuine Hoyt Retailer install all string accessories. (see page 6 for definition of Hoyt Bow Safe Operating Parameters).

**CAUTION:** Never expose your strings or cables to sharp objects such as knives or broadheads, or direct heat sources such as open flame or extremely hot objects as this could cause the string or cables to break.

**NOTICE:** Never draw or shoot your bow without all string accessories (peep sight, kisser button, nock points, D-Loop, string silencers, string weights, and speed cables) properly installed and secured to the string. Do not use brass or other metal clamp-on nocking point or string weighting devices. Hoyt recommends that only a Genuine Hoyt Retailer install all string accessories. (see page 6 for definition of Hoyt Bow Safe Operating Parameters).

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**WARNING:** Never draw or shoot your bow with an incorrect arrow size [spine] or the incorrect nocking point or string weight. Hoyt recommends that you purchase Hoyt or genuine Hoyt replacement parts only. Incorrect or damaged string accessories could cause the bow to break and cause serious injury to you or others. Refer to the specific arrow manufacturer’s arrow selection chart to select the correct arrow size and length for your setup.

**CAUTION:** Never draw an arrow weighing less than five grams for every pound of peak draw weight of your bow. For example: if your bow’s peak draw weight is 70 pounds, do not shoot an arrow weighing less than 350 grains. Shooting an arrow below the recommended pound of peak draw weight could cause your bow to break and cause death or serious injury to you or others.

**NOTICE:** Never shoot a damaged arrow. Before each shot, inspect your arrows for damage. See the specific arrow manufacturer’s warnings and instructions on proper inspection methods. Discard all damaged arrows.

**WARNING:** Never mechanically alter or modify your bow. Dull cutting, holeing, filing, or sanding are examples of mechanically altering your bow which will likely void your warranty and could cause death or serious injury.

**CAUTION:** Never alter your Hoyt bow from its original factory configuration. Changing your bow’s cams, limbs, or other components from its original equipped and configured assembly could cause your bow to break and could cause death or serious injury.

**NOTICE:** Never draw or shoot a bow with frayed, worn, or damaged string or cables as they could break. Frayed, worn, or damaged bowstrings or cables should be immediately replaced by Hoyt or a Genuine Hoyt Retailer before the bow is used.

**WARNING:** Never draw or shoot your bow without all string accessories (peep sight, kisser button, nock points, D-Loop, string silencers, string weights, and speed cables) properly installed and secured to the string. Do not use brass or other metal clamp-on nocking point or string weighting devices. Hoyt recommends that only a Genuine Hoyt Retailer install all string accessories. (see page 6 for definition of Hoyt Bow Safe Operating Parameters).

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**I WARNING:** Never draw a bow with mismatched or missing cam modules, module screws and/or set screws. Never draw a bow with a missing or incorrectly installed draw stop peg. Never remove the cam control cable peg. Be sure to thoroughly check these areas of the cam with an allen wrench to ensure they are fully tightened and that modules are not mismatched.

**I WARNING:** Do not draw or shoot bow without the cable guard, cable slide and/or rollers properly installed, adjusted and tightened.

**I WARNING:** Only use genuine Hoyt manufactured replacement parts. Only Hoyt or a Genuine Hoyt Retailer should perform replacement of damaged parts. Hoyt recommends that all maintenance or service that requires the use of a bow press only be performed by a Genuine Hoyt Retailer. The use of an improper style bow press on your Hoyt bow or the incorrect use of any bow press on your bow may result in severe damage to the bow (see page 10 for definition of an appropriate style press for Hoyt bows).

**I WARNING:** Never expose your Hoyt carbon bow to any solvents or lubricants as the structure could become weakened.

**I WARNING:** Never expose your carbon bow to direct impact. If impact occurs, return your bow to Hoyt or take your bow to a Genuine Hoyt Retailer for inspection and required repair.

**I WARNING:** Never expose your bow to extreme heat or prolonged moisture. Damage can occur to your bow from heat exposure, prolonged exposure to moisture and improper storage.

**I WARNING:** This warning is given in compliance with California State Prop 65. This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

**I WARNING:** When handling and using a bow, including all stages of the bow being drawn to full draw, the bowstring being released, or the bow being let down, the archer and all bystanders must keep all body parts outside of the path of the bowstring and away from all moving parts.
REQUIRED SAFE OPERATING PARAMETERS

CAM SETTINGS
Both the top and bottom cams must be of the same cam type and size. Most Hoyt compound bows use a cam system that can be adjusted to change the bow’s draw length. If your cam has an adjustable module system for draw length adjustments, all screws or other fasteners used to attach your bow must be a matched set and rotated and set in place. For cams with replaceable draw module systems, both the top and bottom cams must be a matching set and the cable draw stop peg must be in the correct position that matches with the module system for draw length adjustments. For cams with rotating type module for draw length adjustments, both the top and bottom cam modules must be a matched set and rotated and set in the same position (see photo A). For cams that have a rotating type module for draw length adjustment, the top and bottom cam modules must be a matched set and rotated and set in the same position (see photo B). For more information on specific types of module, settings, adjustments, etc., see page 5.

LIMB WEIGHT ADJUSTMENT BOLT SETTINGS
All Hoyt compound bows have an adjustable limb sys- tem that allows the bow’s peak draw weight to be adjusted within the specific bow’s available range. Your bow’s peak draw weight can be adjusted with the bow’s top and bottom limb weight adjustment bolts equally (see photo C). Never turn your bow’s limb weight adjustment bolts out more than 8 full turns as the bow will become class disassembled. (Note: On contact model bows only, limb weight adjustment bolts can be loosened up to 10 turns as the bow will become disassembled. Always ensure that both your bow and top and bottom limb weight adjustment bolts are adjusted and set at equal positions. For more information on proper draw weight adjustment, see page 6.

ATTACHED BOW ACCESSORIES
Your Hoyt bow may be used with various accessory mounting locations to allow accessories such as sights, quivers, arrow rests, and stabilizers to be attached to your bow. For attaching an accessory to your bow, follow all accessory mount- ing and use instructions provided by the accessory manufacturers. Ensure that all accessories are specifically right handed or left handed to match your bow where applicable and surround surrounding hardware in securely tightened. Ensure that all attached accessories are clear of string and arrow flight path when the bow is shot.

ARROW REST SETTING
There are many different arrow rest designs and styles. Ensure the arrow rest is right handed or left handed based on your bow. On all Hoyt bows, arrow rests should be positioned on your bow so that your arrow flighting complies with the bow’s top and bottom limb weight adjustment bolts equally. (Note: On Ignite model bows only, limb weight adjustment bolts can be loosened up to 10 turns). Always ensure that both arrow rests are right handed or left handed. (Note: On Ignite model bows only, limb weight adjustment bolts can be loosened up to 10 turns). Always ensure that both arrow rests are right handed or left handed. For Hoyt bows, the required safe operating position of the arrow rest when setup with the bow’s limb weight adjustment bolts is with the center of the arrow rest between 5/8” and 1” from the bow’s riser at the mount- ing location (see photo D). Always follow and use the specific arrow rest manufacturer’s instructions for correctly setting up the arrow rest for proper func- tion and tuning.

D-LOOPS AND NOCKING POINTS
All bows require the use of a D-Loop or a nocking point device to properly locate the arrow onto the bow string in relationship to the bow’s limb. For all Hoyt bows, the required safe operating position of the D-Loop or the nocking point device to properly locate the arrow onto the bow string and resting on the arrow rest, the arrow will be at a right angle to the bow string plus or minus 3/16” (see photo E). Never use a brass or other metal clamp- on nocking point device. Draw length and weight adjustment bolts can be loosened up to 10 turns as the bow will become disassembled. Never use a high quality archery serving material for installing a “tied-on” nocking point (see photo F for an example of a “tied-on” nocking point). Only use a high quality archery D-Loop material for installing a D-Loop (see photo F for an example of a D-Loop). Ensure that the “D-Loop” or “tied-on” nocking point is securely attached to the bow string and cannot move on the string or come off of the string during shooting.

OTHER STRING ACCESSORIES
Other string accessories such as peep sights, string silencers, kisser buttons or any other devices attached to the bow string or cables of your bow must be installed in such a way that they cannot move or come off of the bow string or cables during shooting. Hoyt recommends that only a Genuine Hoyt Retailer install and set-up any string accessories on your Hoyt bow.

COMPUND BOW SETUP, TUNING AND MAINTENANCE

ACCESSORY SELECTION
Hoyt Archery manufactures a broad selection of archery gear and accessories. Your Genuine Hoyt Retailer can help you choose, install and tune the proper gear and accessories for your style of shooting. Do not modify your bow to accommo- date an accessory that is not meant for your bow.

DRAW LENGTH
Draw length is determined by many variables. Your Genuine Hoyt Retailer is trained in proper fitting and setup to determine the draw length that’s all you.

CUSTOM ACCESSORIES
Take your bow to the next level. Advanced accessories from Hoyt allow you to dial-in your shot with a look and feel that’s all you.

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COMPOUND BOW SETUP, TUNING AND MAINTENANCE (continued)

GRAIN WEIGHT

Weight adjustments can easily be made by turning the weight adjustment bolt clockwise to increase weight or counterclockwise to decrease weight. To decrease your tiller's weight, simply turn the weight adjusting screw clockwise. Your Hoyt bow is capable of being reduced to 20 pounds lower than the labeled max weight. Hoyt does not recommend the use of bows or other metal clamp-on pointing point devices. Only a qualified archery pro shop should install string components.

FINISH TUNING

The string on your Hoyt Retailer is the best resource for fine tuning your bow. There are many effective methods for tuning your whole set-up. A Genuine Hoyt Retailer will be able to help you from start to finish with the entire tuning process.

DRAW WEIGHT

Weight adjustments can easily be made by turning the weight adjustment bolt clockwise to increase weight or counterclockwise to decrease weight. To decrease your tiller's weight, simply turn the weight adjusting screw clockwise. Your Hoyt bow is capable of being reduced to 20 pounds lower than the labeled max weight. Hoyt does not recommend the use of bows or other metal clamp-on pointing point devices. Only a qualified archery pro shop should install string components.

CENTERSHOT ALIGNMENT

Note: It is normal for grease to be present on the pocket and rocker area of the bow.

STRAINS AND CABLES

Note: It is normal for grease to be present on the pocket and rocker area of the bow.

PAINT AND FINISH

The paint and finish on your bow requires very little maintenance. A few simple actions can keep your bow looking new. Keep it clean by removing dust, mud and other contaminants from the finish by using a damp cloth. After use during wet conditions, towel-dry your bow to prevent water damage. Do not use a heat source to dry your bow, this can damage the paint. If your bow is involved in an accident, it may be necessary to repaint the paint and finish. Warranty coverage of paint and finish is limited to manufacturing defects only.

CAM LUBRICATION

Bows equipped with the Cam B/C Performance System feature sealed ball bearings, which do not require lubrication. For conventional bearings or bushings, such as those found on the Ignite Cam, Rustic Cam and Accushoot, a light spot of cam oil on the bearing surface will pass through the cam should be done once or every 250 hours of use (250 - 3,000 shots). In adverse weather conditions where dirt, dust or moisture is encountered, lubrication may be done on a daily basis. Be sure to clean lubricants off any excess lubricant as it will attract dust and dirt and could spoil your finish. Hoyt recommends using a silicone or Teflon based lubrication. These dampers and string silencers are not covered under warranty. Warranty coverage is limited to manufacturing defects only. Hoyt recommends using a silicone or Teflon based lubrication. This is not recommended that you use “Penetrating Oils” such as WD-40, EZ-#7, Fast Break, etc. as these products can damage your bow.

STEALTHSHOT® STRING SUPPRESSOR

StealthShot is a highly effective noise and vibration dampening system. For optimum performance, make sure the StealthSHOT’s rubber damper is just touching the string at brace height [no pressure]. By pressing on the rubber damper, you can rotate it so the string lies in the center.

LIMBSHOT AND STRING SILENCERS

Some Hoyt bows come standard with Limbshot dampers which reduce vibration and noise. Impact them periodically and replace when wear is evident. These dampers and string silencers are not covered under warranty. Warranty: Always remove Limbshot before putting the bow in a bow press.

CAM & 1/2 PERFORMANCE SYSTEM

The AirShox system on the Carbon Spyder ZT series, Nitrum series and Podium X Elite series features a damping system. For optimum performance, make sure the StealthShot’s rubber damper is just touching the string. Dampers may be purchased through a Genuine Hoyt Retailer at least once a year for a professional maintenance, cleaning and inspection. Areas to be inspected are axles, spacers, e-clips, strings, cables, limbs, pockets, pocket rockers and slides, and riser. Note: It is normal for grease to be present on the pocket and rocker area of the bow.

AIRSHOX™

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CAM LUBRICATION

Bows equipped with the Cam B/C Performance System feature sealed ball bearings, which do not require lubrication. For conventional bearings or bushings, such as those found on the Ignite Cam, Rustic Cam and Accushoot, a light spot of cam oil on the bearing surface will pass through the cam should be done once or every 250 hours of use (250 - 3,000 shots). In adverse weather conditions where dirt, dust or moisture is encountered, lubrication may be done on a daily basis. Be sure to clean lubricants off any excess lubricant as it will attract dust and dirt and could spoil your finish. Hoyt recommends using a silicone or Teflon based lubrication. These dampers and string silencers are not covered under warranty. Warranty coverage is limited to manufacturing defects only. Hoyt recommends using a silicone or Teflon based lubrication. This is not recommended that you use “Penetrating Oils” such as WD-40, EZ-7, Fast Break, etc. as these products can damage your bow.

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CAM LUBRICATION

Bows equipped with the Cam B/C Performance System feature sealed ball bearings, which do not require lubrication. For conventional bearings or bushings, such as those found on the Ignite Cam, Rustic Cam and Accushoot, a light spot of cam oil on the bearing surface will pass through the cam should be done once or every 250 hours of use (250 - 3,000 shots). In adverse weather conditions where dirt, dust or moisture is encountered, lubrication may be done on a daily basis. Be sure to clean lubricants off any excess lubricant as it will attract dust and dirt and could spoil your finish. Hoyt recommends using a silicone or Teflon based lubrication. These dampers and string silencers are not covered under warranty. Warranty coverage is limited to manufacturing defects only. Hoyt recommends using a silicone or Teflon based lubrication. This is not recommended that you use “Penetrating Oils” such as WD-40, EZ-7, Fast Break, etc. as these products can damage your bow.
The ZT Cable Guard System is factory installed and requires no additional installation. The roller wheels feature sealed bearings that require no lubrication. If wax or dirt accumulate on the roller wheels, simply clean the wheels with a soft cloth.

Note: In order to remove both the split yoke bus cable and control cable from the ZT Cable Guard, the strings and cables must first be relaxed with the proper use of a bow press (see pg. 10). Once the cables are relaxed, the roller wheels and spacers can be removed by loosening and removing the shoulder bolt with a 5/32" Allen key, allowing the cables to be free.

When reassembling the unit, the roller wheels and spacers must be installed correctly. The larger side or flanged side of the bearing should face away from the bow's shelf. One .050" spacer must be installed between the roller wheels and another one between the inner wheel and threaded mount.

When properly installed, the split yoke bus cable will route in the wheel track closest to the arrow and the control cable route in the wheel track closest to the bow's shelf. The cables are designed to cross at the roller wheels, but never touch one another. Install the cables into the proper wheel tracks before threading and tightening the screw to 15 in-lbs. Do not over tighten.

The ZT Cable Guard’s flexible limb assembly is maintenance free and should not be tampered with or adjusted. If the unit needs to be disassembled for cleaning purposes or installation of shock rods, loosen the button head screw with a 1/8" Allen key. The screw should be retightened to 12 in-lbs. Do not over tighten.

Do not loosen any part of the ZT Cable Guard system without first relaxing the cables by proper use of a bow press. (Pg. 10)

Do not draw or shoot the bow without the ZT Cable Guard and cables properly installed.
Before adjusting the cable guard, first remove the cables from the cable slide. Then loosen both of the screw heads cap screws 1/2-1 threads with a 5/64 Allen key. Rotate the bar by turning the series of internal notches until the desired location is obtained. Realign the screws to 0-in-lbs. and reinstall the cable slide. Do not tighten the screws unless the positioning marks line up with the desired setting. Before drawing or shooting the bow, make sure that all parts of the arrow are getting proper clearance. The arrow or arrow fletchings should never come in contact with the cables during the draw cycle or if any part of the arrow or fletchings come in contact with the cables, re-adjust the bar to a further out setting to allow for more clearance.

**WARNING:** Do not draw or shoot bow without the cables on the riser. The cables may cause improper or even dangerous problems when drawn.

**CABLE GUARD INSTALLATION**
Some Hoyt bows are designed with a standard built-in cable guard bar. To install the cable guard bar, simply slide the bar through the two mounting holes on the front of the riser, making sure the bar is pushed completely flush with the end of the front mounting holes. After the bar has been inserted, fasten the (14-20 x 1/2” set screws provided. [See photo H]) The use of Loctite® is recommended when re-inserting screws.

**CABLE SLIDE INSTALLATION**
To present your bow’s cables from rubbing against each other, Hoyt uses a specially designed cable slide that has offset vanes. To correctly install the slides on most Hoyts bows, first place the glide on the cable guard bar [see photo I]. Next, push the control cable into the shortest front slot. Then, push the cable into the longer rear slot.

**DRAW LENGTH ADJUSTMENT FOR DFX, DX Turbo and Powermax Cams**
Both Top and Bottom Cams: To adjust the draw length of Hoyt’s DFX, DX Turbo, and Powermax cams with a rotating inner cam module with draw stop pegs, use a 5/64” Allen key to loosen both module screws 1.5-2 full turns (See Fig. A). There is no need to completely remove either of the module screws during adjustment, only loosen them. Once the screws are loosened, simply press the module against the surface of the bow, draw the module to the desired position and tighten both module screws [Do not over tighten]. Factory setting ~ 1.5 in. After adjusting the rotating inner cam modules to the same position on the top and bottom cam to achieve correct draw length, remove the draw stop from the top cam and the red draw stop peg from the bottom cam with a 5/64” Allen key and reinstall it in the black draw stop hole. The black draw stop peg is for the factory long draw position, making sure to install the black draw stop in the top cam and the red draw stop peg is installed in the bottom cam. For example: Module position should match E draw stop position. Each lettered position will provide approximately 1/2 inch longer draw length. The longer draw length position is E for the DFX and the shortest draw length position is A. Note: The draw stop pegs for this type of module are installed with several positions, so that the longer/bigger black draw stop peg is required for the top cam, while the shorter red draw stop peg is required for the bottom cam. NEVER change either peg from its required cam.

**LOCATION:** Use of the black draw stop peg in the bottom cam may cause the peg to hit the inner control cable during the draw cycle.

**Limb Stop Adjustment**
DFX and DX Turbo Stop Feature: Models using the new DFX and DX Turbo cams both come with an optional limb stop in addition to the standard cable stop pegs. Use of the limb stop peg is optional for a firmer wall at full draw. Never use the limb stop without both cable stop pegs installed.

**Note:** Before installing the limb stop peg, first time synchronize the cams using the draw stop pegs [black – top cam and red – bottom cam]. After the cams have been properly timed, install the limb stop in the corresponding starting position that matches the module installed on the bow and draw the bow to ensure proper timing. Additional adjustments may be needed to fine tune the desired feel when at full draw.

**DRAW LENGTH ADJUSTMENT FOR GTX, AccuWheel, Ignite and Ruckus Cams**
Follow the directions below to adjust the draw length on Hoyt bows equipped with a rotating inner-cam module such as the GTX, AccuWheel, Ignite and Ruckus Cams. (For Spiral Pro and Z5, see page 14).

**Top Cam:** To adjust the draw length of Hoyt’s cams with a rotating inner-cam module like the one shown in (Fig. A), use a standard Allen key to loosen the fastening screw and remove the draw length screw [Fig. E]. Rotate the inner-cam module in the (-) direction to lengthen the draw. Rotating the inner-cam module in the (+) direction will shorten the draw. Each lettered position will provide approximately 1/2 inch longer/d shorter draw than the previous setting. Once the inner-cam module is in the desired location, re-install and tighten the draw length screw first and then the fastening screw.

**Note:** On the Ignite, AccuWheel and Ruckus cams use an optional limb stop in addition to the draw length adjustment instructions on the bottom wheel as well.

**Bottom Cam:**

**DRAW LENGTH ADJUSTMENT FOR GTX, AccuWheel, Ignite and Ruckus Cams**
Follow the directions below to adjust the draw length on Hoyt bows equipped with a rotating inner-cam module such as the GTX, AccuWheel, Ignite and Ruckus Cams. (For Spiral Pro and Z5, see page 14).

**Top Cam:** To adjust the draw length of Hoyt’s cams with a rotating inner-cam module like the one shown in (Fig. A), use a standard Allen key to loosen the fastening screw and remove the draw length screw [Fig. E]. Rotate the inner-cam module in the (-) direction to lengthen the draw. Rotating the inner-cam module in the (+) direction will shorten the draw. Each lettered position will provide approximately 1/2 inch longer/d shorter draw than the previous setting. Once the inner-cam module is in the desired location, re-install and tighten the draw length screw first and then the fastening screw.

**Note:** On the Ignite, AccuWheel and Ruckus cams use an optional limb stop in addition to the draw length adjustment instructions on the bottom wheel as well.

**Cable Slide Installation**
To present your bow’s cables from rubbing against each other, Hoyt uses a specially designed cable slide that has offset vanes. To correctly install the slides on most Hoyts bows, first place the glide on the cable guard bar [see photo I]. Next, push the control cable into the shortest front slot. Then, push the cable into the longer rear slot.

**Draw Length Adjustment for DFX, DX Turbo and Powermax Cams**
Both Top and Bottom Cams: To adjust the draw length of Hoyt’s DFX, DX Turbo, and Powermax cams with a rotating inner cam module with draw stop pegs, use a 5/64” Allen key to loosen both module screws 1.5-2 full turns (See Fig. A). There is no need to completely remove either of the module screws during adjustment, only loosen them. Once the screws are loosened, simply press the module against the surface of the bow, draw the module to the desired position and tighten both module screws [Do not over tighten]. Factory setting ~ 1.5 in. After adjusting the rotating inner cam modules to the same position on the top and bottom cam to achieve correct draw length, remove the draw stop from the top cam and the red draw stop peg from the bottom cam with a 5/64” Allen key and reinstall it in the black draw stop hole. The black draw stop peg is for the factory long draw position, making sure to install the black draw stop in the top cam and the red draw stop peg is installed in the bottom cam. For example: Module position should match E draw stop position. Each lettered position will provide approximately 1/2 inch longer draw length. The longer draw length position is E for the DFX and the shortest draw length position is A. Note: The draw stop pegs for this type of module are installed with several positions, so that the longer/bigger black draw stop peg is required for the top cam, while the shorter red draw stop peg is required for the bottom cam. NEVER change either peg from its required cam.

**Location:** Use of the black draw stop peg in the bottom cam may cause the peg to hit the inner control cable during the draw cycle.

**Limb Stop Adjustment**
DFX and DX Turbo Stop Feature: Models using the new DFX and DX Turbo cams both come with an optional limb stop in addition to the standard cable stop pegs. Use of the limb stop peg is optional for a firmer wall at full draw. Never use the limb stop without both cable stop pegs installed.

**Note:** Before installing the limb stop peg, first time synchronize the cams using the draw stop pegs [black – top cam and red – bottom cam]. After the cams have been properly timed, install the limb stop in the corresponding starting position that matches the module installed on the bow and draw the bow to ensure proper timing. Additional adjustments may be needed to fine tune the desired feel when at full draw.

**DRAW LENGTH ADJUSTMENT FOR GTX, AccuWheel, Ignite and Ruckus Cams**
Follow the directions below to adjust the draw length on Hoyt bows equipped with a rotating inner-cam module such as the GTX, AccuWheel, Ignite and Ruckus Cams. (For Spiral Pro and Z5, see page 14).

**Top Cam:** To adjust the draw length of Hoyt’s cams with a rotating inner-cam module like the one shown in (Fig. A), use a standard Allen key to loosen the fastening screw and remove the draw length screw [Fig. E]. Rotate the inner-cam module in the (-) direction to lengthen the draw. Rotating the inner-cam module in the (+) direction will shorten the draw. Each lettered position will provide approximately 1/2 inch longer/d shorter draw than the previous setting. Once the inner-cam module is in the desired location, re-install and tighten the draw length screw first and then the fastening screw.

**Note:** On the Ignite, AccuWheel and Ruckus cams use an optional limb stop in addition to the draw length adjustment instructions on the bottom wheel as well.

**DRAW LENGTH ADJUSTMENT FOR GTX, AccuWheel, Ignite and Ruckus Cams**
Follow the directions below to adjust the draw length on Hoyt bows equipped with a rotating inner-cam module such as the GTX, AccuWheel, Ignite and Ruckus Cams. (For Spiral Pro and Z5, see page 14).

**Top Cam:** To adjust the draw length of Hoyt’s cams with a rotating inner-cam module like the one shown in (Fig. A), use a standard Allen key to loosen the fastening screw and remove the draw length screw [Fig. E]. Rotate the inner-cam module in the (-) direction to lengthen the draw. Rotating the inner-cam module in the (+) direction will shorten the draw. Each lettered position will provide approximately 1/2 inch longer/d shorter draw than the previous setting. Once the inner-cam module is in the desired location, re-install and tighten the draw length screw first and then the fastening screw.

**Note:** On the Ignite, AccuWheel and Ruckus cams use an optional limb stop in addition to the draw length adjustment instructions on the bottom wheel as well.
COMPUND BOW SETUP, TUNING AND MAINTENANCE (continued)

Bottom Cam: Remove the draw length screws, rotate the inner-cam module to the same lettered position as the top inner-cam module, and replace the screw. (see Fig. R). You must have both the top and bottom cam numbers the same on the same lettered position or the bow will not tune properly. It may be necessary to use Blue Loctite® on the inner-cam module screws to keep them secure.

WARNING: Never draw a bow with mismatched or missing cam modules, control cables, or control cable screws and/or set screws. Never draw a bow with a missing or incorrectly installed draw stop peg. Never remove the cam control cable peg as serious injury and bow damage could occur.

Exchangeable Module Adjustment: Follow the directions below to adjust the draw length on a Hoyt bow equipped with an exchangeable cam grip [Spiral Pro and 23 Cam] and modular grip systems. (see photos A and B)

No bow press is needed to make the following adjustments. Once you have determined the desired draw length, simply loosen and remove the module screws with a 7/64 Allen key. For example: Cam module RK-2A-BR would use draw length modules of various sizes may be purchased at your local Genuine Hoyt Retailer. Draw length modules are set to the correct lengths, cam synchronization requires little or no maintenance. Hoyt Cam & 1/2 Performance Systems require very little maintenance. Once the bowing string, control cable and buss cable are set to the correct lengths, cam synchronization should require little or no maintenance. Both top and bottom carbs are angled together via the control cable – forcing both carbs to always move together regardless of when the cables come into contact with the control stops. There is a broad range where the cams can be synchronized. Hoyt Engineers and Hoyt the fundamental: the top cam should find the control stop before the yoked buss cable (this should be confirmed by removing the module screws.) It may be necessary to use blue Loctite® on the module screws. Top cam: Remove the control cable peg, rotate the inner-cam module to the same lettered position as the top inner-cam module, and replace the screw. Be sure the module numbers correspond with the cam you must use a bow press to relax the carbs and strings. To change the let-off on this cam you must use a bow press to relax the carbs and strings. Top cam: Remove the top cam module and replace it with the desired let-off bottom cam. Bottom Cam: Remove the strings and cables. Next, remove the control cable peg and module screws, then replace the module. Repeat the re-installing the control cable peg. Be sure the module numbers correspond with the cam you selected. For example: a GTX 6 cam would take a G6 module. Be sure to adjust the modules to the same lettered module position as each other. For example, if the top module is in the “E” position, the bottom module must be in the “E” position.

WARNING: Never draw a bow with mismatched or missing cam modules and/or no variation on downrange arrow impact. If you feel that the cam synchronizing or positioning is incorrect, it may be necessary to adjust the shooting string, control cable or buss cable not be in specification, follow the instructions: (see photos A and B).

CAM SYNCHRONIZING

Hoyt Cam B (1/2) Performance Systems require very little maintenance. Once the shooting string, control cable and buss cable are set to the correct lengths, cam synchronization should require little or no maintenance. Both top and bottom carbs are angled together via the control cable – forcing both carbs to always move together regardless of when the cables come into contact with the control stops. There is a broad range where the cams can be synchronized. Hoyt Engineers and Hoyt the fundamental: the top cam should find the control stop before the yoked buss cable (this should be confirmed by removing the module screws.) It may be necessary to use blue Loctite® on the module screws. Top cam: Remove the control cable peg, rotate the inner-cam module to the same lettered position as the top inner-cam module, and replace the screw. Be sure the module numbers correspond with the cam you must use a bow press to relax the carbs and strings. To change the let-off on this cam you must use a bow press to relax the carbs and strings. Top cam: Remove the top cam module and replace it with the desired let-off bottom cam. Bottom Cam: Remove the strings and cables. Next, remove the control cable peg and module screws, then replace the module. Repeat the re-installing the control cable peg. Be sure the module numbers correspond with the cam you selected. For example: a GTX 6 cam would take a G6 module. Be sure to adjust the modules to the same lettered module position as each other. For example, if the top module is in the “E” position, the bottom module must be in the “E” position.

WARNING: Never draw a bow with mismatched or missing cam modules and/or no variation on downrange arrow impact. If you feel that the cam synchronizing or positioning is incorrect, it may be necessary to adjust the shooting string, control cable or buss cable not be in specification, follow the instructions: (see photos A and B).

Bottome Cam at Full Draw Position

TOP CAM AT FULL DRAW POSITION

BOTTOM CAM AT FULL DRAW POSITION

PODIUM X ELITE AND HYPER EDGE GRIP SYSTEM

The Podium X Elite Series and Hyper Edge bow models come standard with a modular grip system. Bows come factory installed with the 0 (18 Degree Neutral/Traditional) modular grip system. Bows come factory installed with the 0 (18 Degree Neutral/Traditional) modular grip system. To change the modules for a different angle, simply loosen and remove the socket head cap screws with a 7/64 Allen Key and then remove the module. Insert the desired module into the grip bed and tighten the screws to 15 in-lbs. Do not over tighten.

WARNING: Swapping out modules will affect draw length, draw weight, and draw weight change. Use traditional: (0 Degree Neutral / Traditional) grip module. To change the modules for a different angle, simply loosen and remove the socket head cap screws with a 7/64 Allen Key and then remove the module. Insert the desired module into the grip bed and tighten the screws to 15 in-lbs. Do not over tighten.

[0] (0 Degree Neutral / Traditional Angi) (22 Degree)
[+2] (20 Degree)
[+4] (24 Degree)
[+6] (26 Degree)

LOCATING YOUR SERIAL NUMBER

The six or seven digit serial number on Hoyt compound bows is located on or near the sight mounting holes. The serial number can be found by removing the sight mounting holes. The serial number on Hoyt Carbon bows is located under the cable guard bar.

WARNING: Extreme care should be taken to avoid impact damage to a Hoyt Carbon Risers. Hoyt Carbon Risers are designed to withstand high stress flexing and high stress loading that would be associated with normal use and function of the bow. However, in general, composite structures do not withstand high impact damage such as being dropped from a tree, or by having some other object impact the riser structure. In the event that your bow does encounter a surface impact, you must carefully inspect the riser for damage. If impacted, inspect the area for superficial cracks, multi-directional cracks, crazing that appears to resemble a spider-web, dental surfaces, or a soft flexible surface at the impact point. If any of these conditions are apparent, the bow should no longer be used. If the superficial cracks are undamaged and should not be drawn or used any further. In the event that the bow was exposed to an impact and damage is evident as described above, you can
CARBON INFORMATION AND WARRANTY

This Limited Lifetime Warranty covers normal use of the product, and Hoyt does not warrant and is not responsible for:

1. The use of aftermarket products/accessories that alter Hoyt’s specs or design.
2. Damage to strings, cables, bearings, damping materials, finish (including paint, anodize, powder coat and film-dipped finishes) resulting from normal use and tear.
3. Damage to ‘other’ accessories.
4. aftermarket replacement strings.
5. Any modification to any bow or component.
6. Boxes returned to Hoyt without a Return Authorization number obtained by a Genuine Hoyt Retailer.
7. Care should be given to not expose Hoyt Carbon Riser equipped bows to extreme heat, flame, or other adverse conditions that could possibly damage the bow.
8. Hoyt will replace the bow with a bow of similar feature and parts/components may be used. If the Hoyt bow is not repairable, but qualifies for warranty coverage for any reason. If original parts are not available, suitable replacement parts and components are to be used in the repair.
9. Hoyt reserves the right to make part substitutions on warranty repairs. Replacements may be performed with original parts when available. Hoyt reserves the right to make part substitutions on warranty coverage for any reason. If original parts are not available, suitable replacement parts and components are to be used in the repair.
10. Exclusions from Warranty Coverage: This Limited Lifetime Warranty is not transferable.

LIMITED LIFETIME WARRANTY

This Limited Lifetime Warranty covers normal use of the product, and Hoyt does not warrant and is not responsible for:

1. The use of aftermarket products/accessories that alter Hoyt’s specs or design.
2. Damage to strings, cables, bearings, damping materials, finish (including paint, anodize, powder coat and film-dipped finishes) resulting from normal use and tear.
3. If bow shows sign of misuse, alteration, or mishandling, this warranty will be void.
4. Box of arrows weighing less than 5 grams per pound of draw weight will void the warranty.
5. Damage to other accessories.
6. Aftermarket replacement strings.
7. Any modification to any bow or component.
8. Boxes returned to Hoyt without a Return Authorization number obtained by a Genuine Hoyt Retailer.
9. Determining the bow owner is responsible for the repair of the bow himself.
10. After any bow is returned to Hoyt, a Return Authorization [RA] number must be obtained through a Genuine Hoyt Retailer. Please note that Hoyt will not issue RAs to consumers. Boxes returned to the factory without a Return Authorization number obtained from a Genuine Hoyt Retailer may be denied warranty service. If Hoyt determines, in its sole discretion, that a box qualifies for warranty repair, Hoyt will make every effort to repair the box. Replacements may be performed with original parts when available. Hoyt reserves the right to make part substitutions on warranty coverage for any reason. If original parts are not available, suitable replacement parts and components are to be used in the repair.
11. Hoyt reserves the right to make part substitutions on warranty coverage for any reason. If original parts are not available, suitable replacement parts and components are to be used in the repair. Hoyt will replace the bow with a box of similar feature and product class in Hoyt’s sole determination.