



DRAGON 10 HUNTING COMPOUND BOW KIT OWNER'S MANUAL

DRAGON SERIES



Jiaozuo Sanlida Archery Equipment Co., Ltd

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sanlida archery

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THANK YOU FOR CHOOSING SANLIDA ARCHERY

Congratulations on the purchase of your new Sanlida Dragon 10 hunting compound bow.

You will be pleased to know that you have just purchased one of the world's best cost-effective bow. With proper use and some basic maintenance, your new Sanlida product will provide you with years of great shooting and reliability.

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, may cause danger, including death and serious personal injury for the archer or those around them. It is up to you to be a responsible archer protecting both you 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.sanlidaarchery.com. Good luck and safe shooting!

BOW OWNER'S PERSONAL INFO

Fill in the following personal bow record for your reference.

Dragon 10 Bow Model: _____

Color: _____

Purchased From: _____

Purchased Date: _____

Draw Length: _____ Draw Weight: _____

IMPORTANT!

The sales receipt is your proof of date-of-purchase.
Proof of date-of-purchase will be required if your bow ever needs warranty service.

SAFETY INFORMATION

READ THIS MANUAL CAREFULLY BEFORE HANDLING OR USING YOUR SANLIDA BOW.
YOU ARE RESPONSIBLE FOR ARCHERY SAFETY.

⚠ WARNING: Always read the warning labels and manufacturer's instructions of all products being used in conjunction with a Sanlida bow, including but not limited to all archery accessories and components directly attached to the bow or used in conjunction with the bow such as targets, arrows, release aids, etc.

⚠ WARNING: An adult should always supervise minors when they are handling or shooting a bow.

⚠ WARNING: Never use alcohol or drugs while handling or shooting your bow.

⚠ WARNING: Never lose hand of the bow riser while drawing the bow, holding the bow at full draw, or shooting the bow. It is important that you are able to maintain a consistent and secure grip on the bow riser without slippage of your hand on the bow grip. Use of items such as hand lotions, sunscreens, and insect repellents may limit your ability to maintain control of the grip.

⚠ WARNING: Always ensure that the area around your bow is clear of any objects to prevent items from being caught in the moving parts of the bow. When shooting your bow, never wear loose clothing, jewelry, or other items worn on your body that may get caught in the bow or bow string when the bow is shot.

⚠ WARNING: Never point or aim a bow at another person. Be sure of your target and what lies beyond. Never shoot arrows straight up into the air. Make sure that the path from where you are shooting to the target and beyond is free from people and objects.

⚠ WARNING: Never dry fire your bow. To dry fire your bow, means to shoot the bow without an arrow. Never try drawing a bow that is too heavy for your death or serious injury to you or others. If your bow is dry-fired there could

be both seen and unseen damage and it should be returned to an Authorized Sanlida Retailer for inspection before any further use.

⚠WARNING: Never loosen your limb weight adjustment bolts (Tiller Bolts) too much as it could cause the bow to violently disassemble.

⚠WARNING: Do not perform any maintenance, adjustments, or have any work performed of any kind on any part of your bow while drawing or during any other part of the shooting cycle. Do not allow others to work on or touch any part of your bow during the shooting cycle.

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

⚠WARNING: Never mechanically alter or modify your bow. Drilling holes, cutting, filing, or sanding are examples of mechanically altering your bow which will likely cause the bow to break and could cause death or serious injury.

⚠WARNING: Never draw or shoot a bow with frayed, worn, or damaged strings as it could break. Frayed, worn, or damaged bowstrings should be immediately replaced before the bow is used. Only Authorized Sanlida or use-branded strings should be used on your bow. Carefully inspect the string each time before shooting your bow.

⚠WARNING: Never expose your string to sharp objects such as knives or broadheads, or direct heat sources such as open flame or extremely hot objects as they could easily cut or cause the string to break.

⚠WARNING: Only use Authorized Sanlida manufactured replacement parts. Only Sanlida or a Authorized Sanlida Dealer should perform replacement of damaged parts. Failure to heed this warning could result in death or serious personal injury or death to yourself or bystanders.

⚠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.

moisture. Damage can occur to your bow from heat exposure, prolonged exposure to moisture and improper storage.

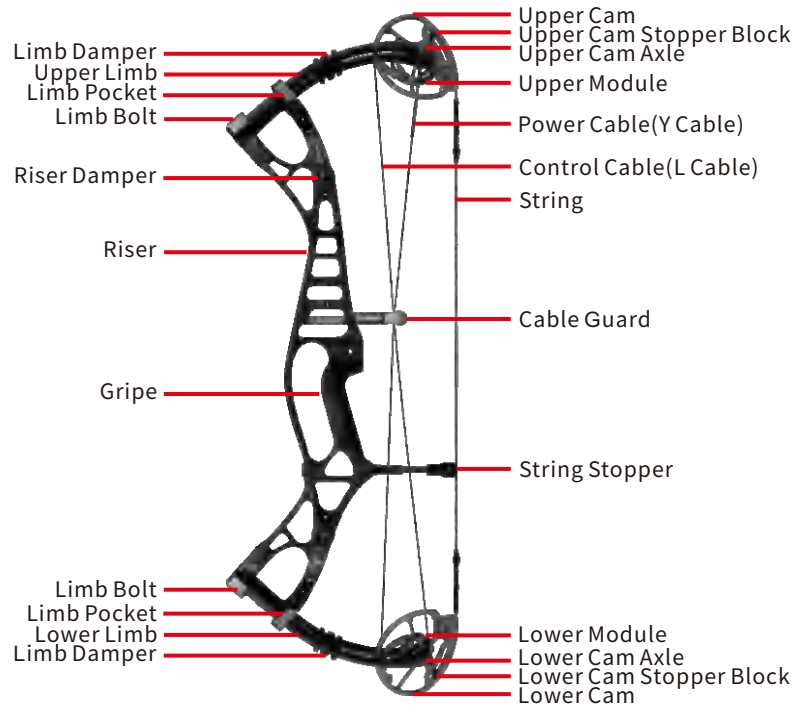
⚠WARNING: When handling and using a bow, including all stages of the bow being drawn to full draw, the bowstring being released, or the bow being let down, the archer and all bystanders must keep all body parts outside of the path of the bowstring and away from all moving parts.

BE SURE OF YOUR TARGET. Make sure that there are no persons, livestock, buildings or other objects behind or near your target. Be absolutely sure of your target in low light conditions.



**THANK YOU FOR
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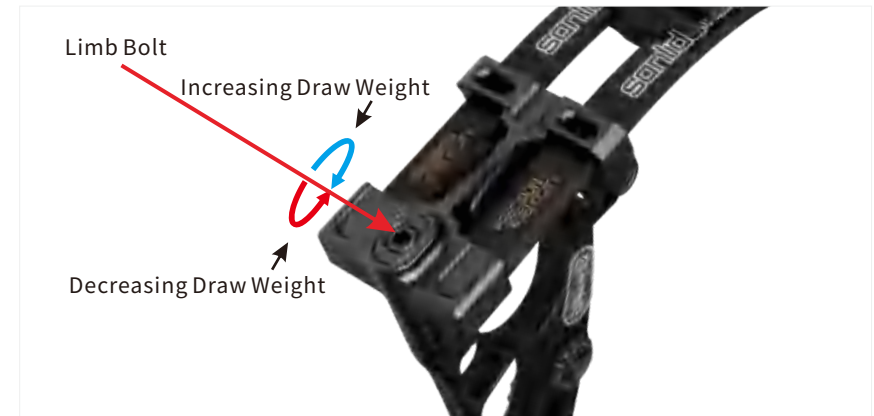
Bow Terminology



bow grip (deepest position of the bow grip).

Tiller is a measurement of the vertical distance between the limb pocket and string.

Draw Weight Adjustment

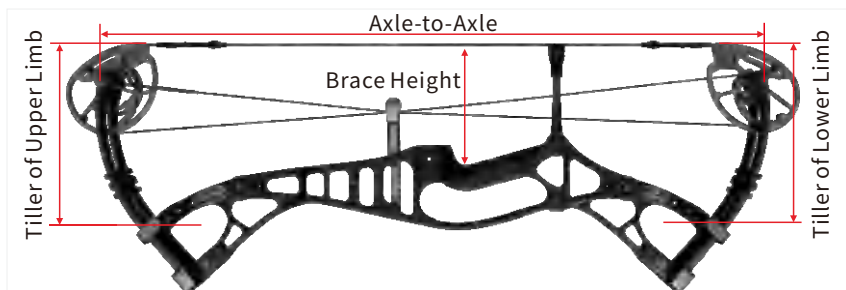


- ♦ The Draw weight of this bow can be adjusted, the adjustment range is 10 pounds, and the limb bolts allow adjustment of 5~6 turns.
- ♦ When adjusting the limb bolts, turn the limb bolt clockwise to increase the draw weight; turn the limb bolts counterclockwise, the draw weight is reduced. For each turn of the limb bolts, the draw weight changes by 2-3 pounds.
- ♦ When adjusting the draw weight, the upper and lower limbs bolts should be adjusted at the same time for the same number of turns.
- ♦ When decreasing the draw weight, do not loosen the limb bolts too much. From largest poundage to smallest poundage, limb bolts have the most allow 7 turns to loosen.

Draw Length Adjustment

When adjusting the draw length, adjust both the upper and lower cam modules to the same fixed position (with the same module fixed hole number).

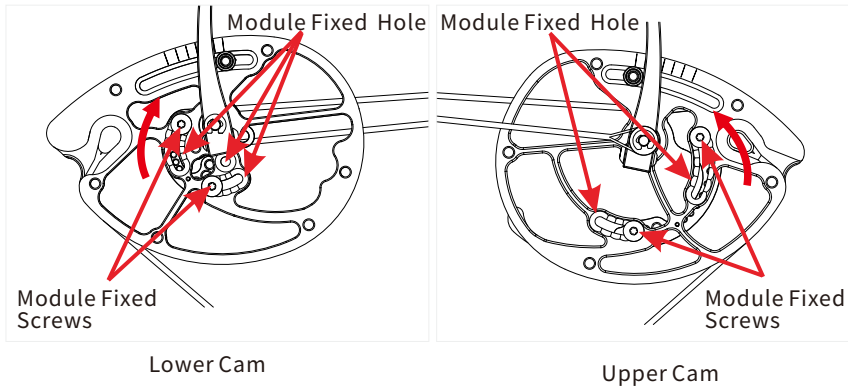
Bow Basics



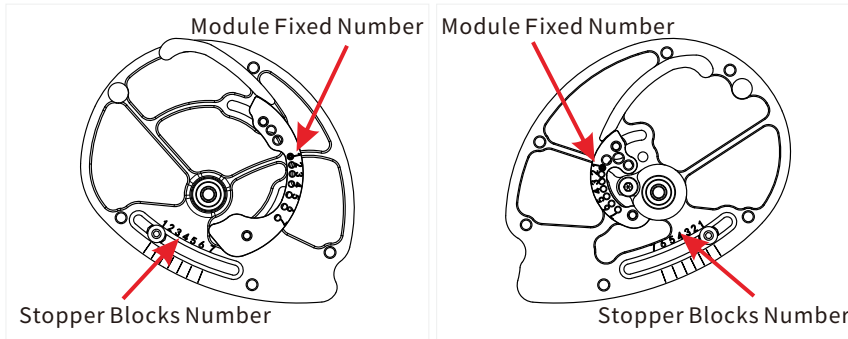
Axle to Axle is the length of the bow measured from the center of one cam axle to the other.

Brace height is the distance between the string and the pivot point of the

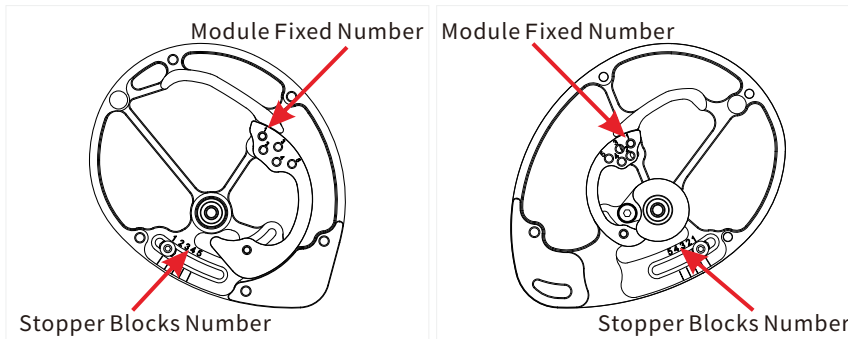
Then adjust the upper and lower cam stopper blocks to their corresponding fixed positions (with the same stopper blocks hole number) as shown in the figure. This will complete the adjustment of the length.



Medium Cam



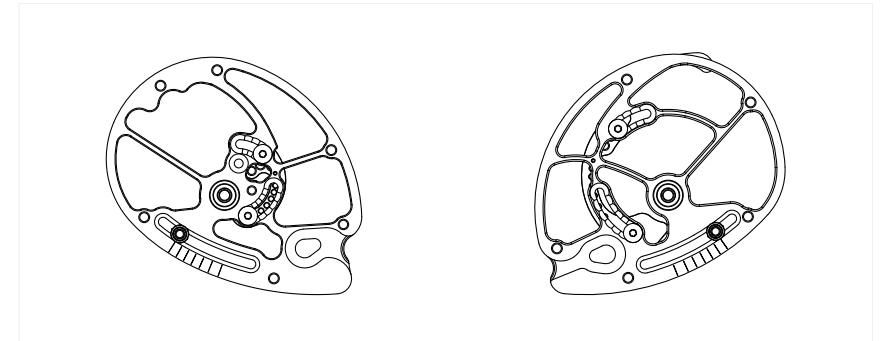
Large Cam



Cam System

Dragon 10 compound bow is a hybrid cam system, which is divided into Large cam and Medium cam systems depending on the draw length . As shown in the figure.

Medium Cam



Large Cam



Draw Weight - Draw Length List

Module Fixed Number		IBO Draw Length	Actual Draw Length (The distance from the gripe to the inside of the string)
Medium Cam	1	30"	718mm
	2	29.5"	705mm
	3	29"	692mm
	4	28.5"	679mm
	5	28"	667mm
	6	27.5"	654mm
	7	27"	642mm

Module Fixed Number		IBO Draw Length	Actual Draw Length (The distance from the gripe to the inside of the string)
Large Cam	1	32"	768mm
	2	31.5"	756mm
	3	31"	743mm
	4	30.5"	730mm
	5	30"	718mm

Draw Length Tolerance : +/-0.125", about 3.2mm

Bow Tuning

- ♦ Whether a bow can be shot accurately, in addition to the factors of human operation, the biggest influence is the synchronization of the bow.
- ♦ After the bow is pulled, the stopper block of the upper and lower cams are touch to the bow limb at the same time, and the cams do not rotate, which is called synchronization. If the upper and lower cams have one stopper block touch to the bow limb and the other do not. This means that the bow is not adjusted to be synchronized, and needs to be adjusted to achieve synchronization by adjusting the relationship between the strings and cables.
- ♦ After the bare bow is adjusted to be synchronized, after the accessories are installed, it will be slightly out of sync due to the change of the center of gravity during normal use. Therefore, it is best to adjust the synchronization of the bow after selecting and installing the appropriate accessories.

Situation 1: When the axle-to-axle is slightly longer, if the lower cam stopper block parking position is attached to the bow limb, the upper cam stopper block is not attached to the bowstring.

Adjustment method: Remove the Y cable hanging on the lower cam and tighten a few turns of Y cable. Each time the Y cable is tightened one turn, the gap between the upper cam stopper block and limb can be reduced by about 1-2mm.

Situation 2: When the axle-to-axle is slightly shorter, if the lower cam stopper block parking position is attached to the bow limb, the upper cam stopper block is not attached to the bow limb.

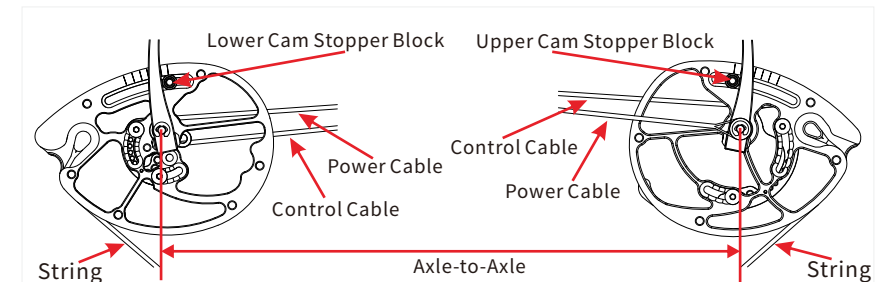
Adjustment method: Remove the L cable hanging on the lower cam and tighten a few turns of L cable. Each time the L cable is tightened one turn, the gap between the upper cam stopper block and limb can be reduced by about 1-2mm.

Situation 3: When the axle-to-axle is slightly longer, if the upper cam stopper block parking position is attached to the bow limb, the lower cam stopper block is not attached to the bow limb.

Adjustment method: Remove the L cable hanging on the upper cam and tighten a few turns of L cable. Each time the L cable is tightened one turn, the gap between the lower cam stopper block and limb can be reduced by about 1-2mm.

Situation 4: When the axle-to-axle is slightly shorter, if the upper cam stopper block parking position is attached with the bow limb, the lower cam stopper block is not attached with the bow limb

Adjustment method: Remove the Y cable hanging on the upper cam and tighten a few turns of Y cable. Each time the Y cable is tightened one turn, the gap between the lower cam stopper block and limb can be reduced by about 1-2mm.



Specification

Axle-to-Axle	33.5"
Brace Height	6.4"
Draw Weight	40~50lbs, 50~60lbs, 55~65lbs, 60~70lbs
Net Weight	5lbs
Color	Desert , Wilderness , Black
IBO(FPS)	340FPS
Let-off	80%

Accessories In The Kit

1. Bow 2. Quiver 3. Stabilizer 4. Sight 5. Arrow Rest



Accessories Installation and Adjustment

This product is equipped with an internationally accepted accessory standard interface.

Arrow rest:

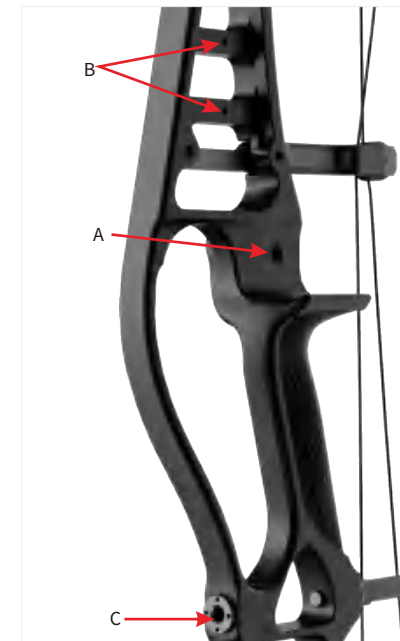
A standard arrow rest fixing screw hole (hole A) is set at the arrow rest installation position. The arrow rest is assembled on the bow riser according to the position of the fixing hole, and the bottom edge of the arrow rest fixing plate is parallel to the window plane.

Sight:

There are fixed screw holes for the sight with standard pitch on the bow riser (hole B). Compatible with all types of sights.

Stabilizer:

Hole C is the fixing hole for the stabilizer. This hole is also the wrist sling fixing screw hole.

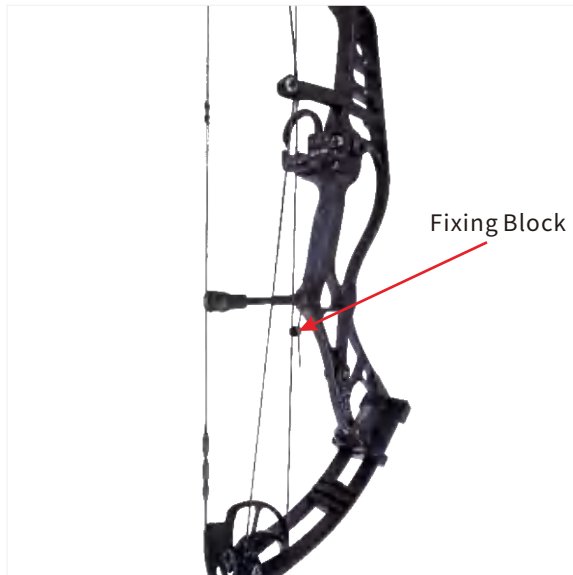


1.Arrow Rest

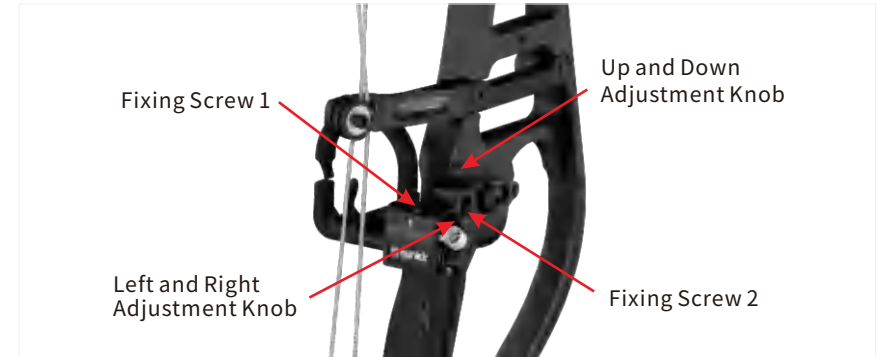
Fix the arrow rest onto the bow riser with screws



Use the fixing block to fix the arrow rest rope and the cable chord of the lower cam together, first do not need to clamp, use the hand to push the fixing block can be pushed.



Loosen the fixing screw 1, turn the left and right adjustment knob to adjust the left and right positions of the arrow rest.
Loosen the fixing screw 2, and turn the up and down adjustment knob to adjust the up and down positions of the arrow rest.



The left and right sides of the arrow rest are adjusted to the center of the bowstring, the U-type groove is raised, and after the arrow is placed, the center of the arrow coincides with the center of the arrow rest hole.



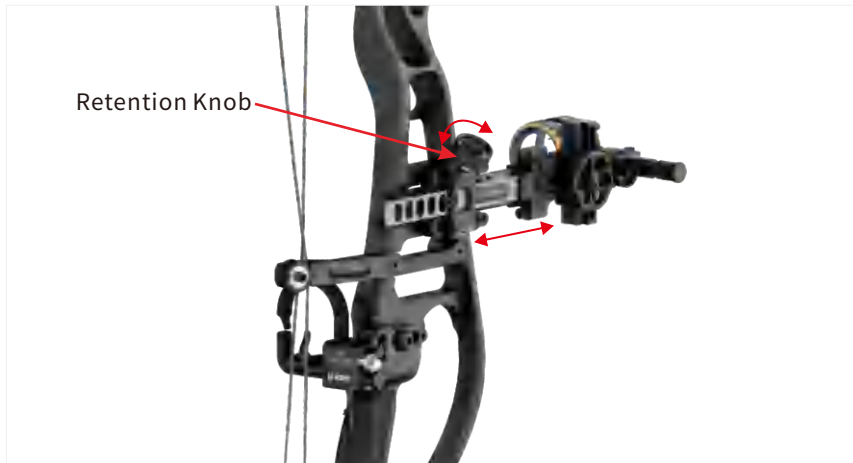
After the position of the arrow rest is adjusted, pull the bow, the U-type groove will be lifted, and the fixing block will automatically slide to the appropriate position. After retracting the bow, tighten the fastening screws on the fixing block.

2.Sight

Fix the sight to the bow riser with screws. Pay attention to the direction of the sight.



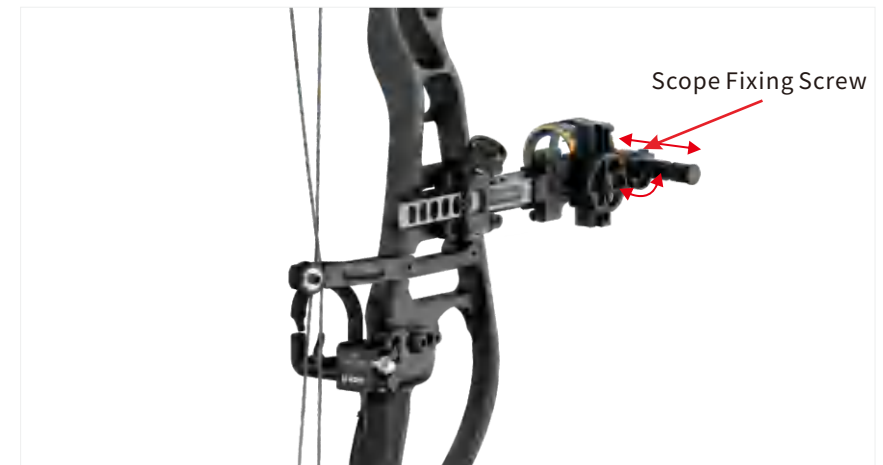
Loosen the sight retention knob to adjust the sight back and forth. After adjusting to the appropriate position, the knob is tightened.



Loosen the sight block fixed knob and turn the up and down adjustment knob to adjust the sight up and down. After adjusting to the appropriate position, tighten the fixed knob.



Turn the left and right adjustment knobs to precisely adjust the left and right positions of the sight. You can also loosen the scope fixing screw to quickly and widely adjust the left and right positions of the scope.



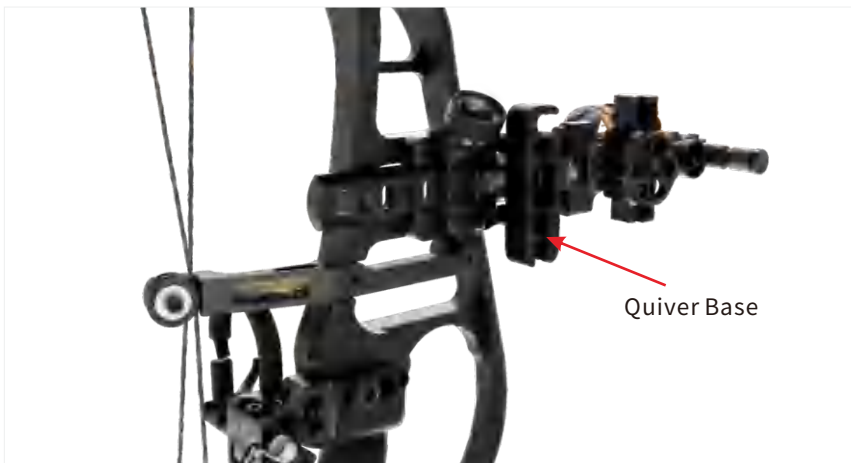
3. Stabilizer

Screw the stabilizer on the fixing hole at the front end of the bow riser.

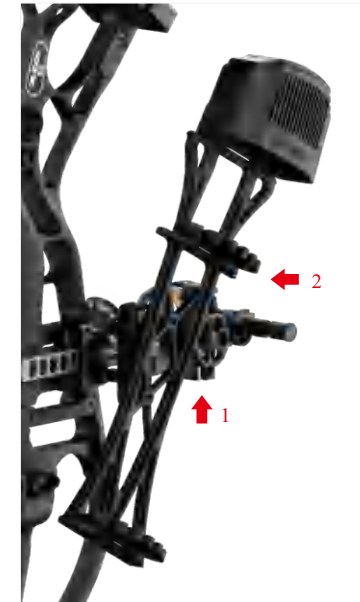


4. Quiver

Fix the quiver base to the sight with screws, paying attention to the orientation of the base.



Then fix the two mortise tenons of the quiver box to its holder, first insert the lower mortise into the base, and then rotate the arrow box to screw the other mortise into the base.



Storing And Maintaining Your Bow

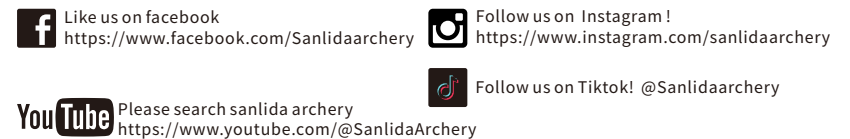
WARNING: Never expose your bow to excessive heat or prolonged moisture. Avoid storing your bow for extended periods of time in places such as in a garage, attic, or in the trunk of a vehicle as this can subject your bow to extreme heat or moisture. Doing so can cause damage to your limbs, strings and other parts of the bow which may not be covered under the manufacturer's warranty.

Should your bow become exposed to moisture, make sure it is completely dry before you store it. Make sure to keep your bow (especially the cams) clean and free from dust. If your bow is wet, dry it by using a soft cloth. Do not heat dry.

Avoid the use of solvents, sprays or cleaners such as mineral spirits or acetone on or around your bow as these can adversely affect the finish. Regularly check the condition of screws and bolts, replace once they begin to wear out.



LET EVERYONE ENJOY ARCHERY SHOOTING



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