



Owners Manual - X30, X33, X37



Introduction

Welcome to the Xpedition Archery Team! We appreciate your recent purchase and want to ensure you that we are committed to insuring you get the appropriate customer support, service and product quality. Thank you for joining our team.

Bow Purchasing Record

Below is an area for you to record all the information regarding your newly purchased bow. This record is for your own personal reference. Your Xpedition Archery warranty will be valid upon the online registration of your bow by an authorized Xpedition Archery retailer or yourself at www.xpeditionarchery.com within 30 days of the purchase date of the original purchaser.

Original Owner Information

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Bow Information

Model & Year: _____

Serial Number: _____ (found on riser, Below grip area)

Purchased At: _____

(Authorized Xpedition Archery Dealer)

Purchase Date: _____

Sales Associate: _____

Purchase Price: _____

Draw Length: _____ Draw Weight: _____ String Length: _____

C. Cable Length: _____ Y. Cable Length: _____

Product Warranty

All Xpedition Archery bows have a limited lifetime warranty to the original owner. Each bow has a serial number found on the riser, below grip, which will be required along with the original owner's full name to obtain this warranty service. If you experience the need for repairs you need to consult your local authorized Xpedition Archery retailer. They can assist you through your repair process and if they deem necessary will contact Xpedition Archery on your behalf. **The authorized Xpedition Archery retailer may charge for service work that accompanies warranty fulfillment.**

Limitation of Liability

Xpedition Archery shall not be liable for any special or consequential damages that result from the performance and use of the products, even if Xpedition Archery has been advised of the possibility of such damages. Applicable law may not allow the limitations of exclusion or liability or incidental or consequential damages, so the above limitations or exclusions may not apply to you. Furthermore the buyer agrees to hold harmless Xpedition Archery and all associated parties from liability for any and all damage to persons or property, for any reason, from the use of this product.

Limited Lifetime Warranty

This Xpedition Archery bow has a warranty against defects in materials and workmanship to the original registered owner when purchased at an authorized Xpedition Archery retailer, for the life of the original owner. This warranty includes all bow parts, except the string, cables, decals, rubber string suppressors, rubber dampeners, cable guard, speed nocks, and cosmetic appearance (chips, dings, scratches) caused by normal use and wear. All warranty claims need to be taken to an authorized Xpedition Archery retailer, if need be the authorized retailer will contact Xpedition Archery on your behalf.

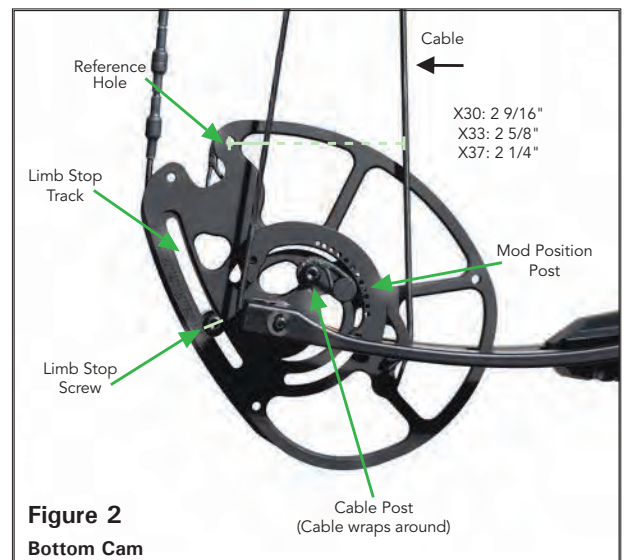
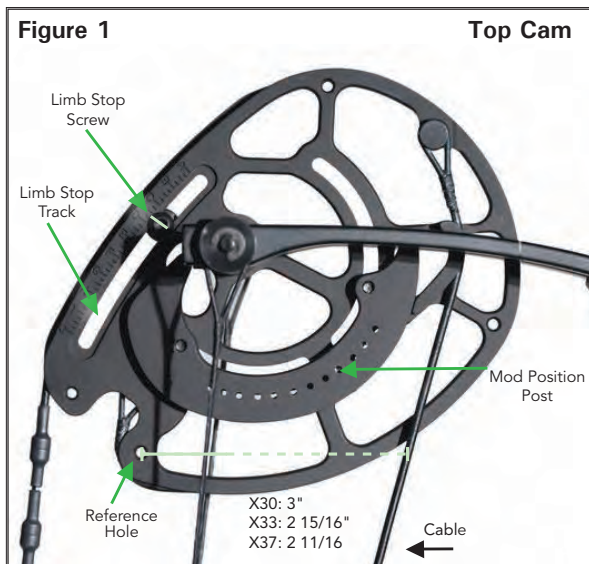
NOTE: Xpedition Archery reserves the right to make substitutions on warranty coverage for any reason, including but not limited to availability of parts and/or decorating finishes.

Adjustments and Tuning

It is important that your new bow is adjusted to fit you properly. Your authorized Xpedition Archery retailer will be able to aide in properly fitting your bow to you to achieve maximum performance. When replacing strings and cables on your bow it is important to closely follow Xpedition's string and cable specifications to ensure ease of tuning and proper function.

LVR (Lever) Cam : The LVR cam redefines the levels of efficiency ever achieved in the archery world. This design will allow archers to push kinetic energy and momentum to unprecedented levels.

Each LVR cam on your X30, X33, and X37 bow has a tuning reference hole. For the X30 , the cable on the top cam should be within 3" of the reference hole and 2 9/16" on bottom cam. For the X33, the cable on the top cam should be within 2 15/16" of the reference hole and 2 5/8" on bottom cam. For the X37, the cable on the top cam should be within 2 11/16" of the reference hole and 2 1/4" on bottom cam. There is a tolerance of plus or minus 3 twists in each cable and string to optimize tuning. **See Figure 1-2.**



Draw Length Adjustments

The LVR cams have rotating modules that achieve multiple draw lengths when rotated. These draw lengths are designated by the numbering system that is charted below. The top and bottom modules must always have the same corresponding number for each draw length. Mod position determined by rotating mod post (see Figure 1). Prior to changing draw length the draw stop stand offs on both cams should be loosened and moved to the end of each track. This will eliminate any possible contact issue between the head of the draw stop standoff screw and the new location of the rotating mod.

X30 LVR Cam Draw Length Mod Chart	
Position	Draw Length
10	25.5"
9	26"
8	26.5"
7	27"
6	27.5"
5	28"
4	28.5"
3	29"
2	29.5"
1	30"

X33 LVR Cam Draw Length Mod Chart	
Position	Draw Length
10	26.5"
9	27"
8	27.5"
7	28"
6	28.5"
5	29"
4	29.5"
3	30"
2	30.5"
1	31"

X37 LVR Cam Draw Length Mod Chart	
Position	Draw Length
10	29.5"
9	30"
8	30.5"
7	31"
6	31.5"
5	32"
4	32.5"
3	33"
2	33.5"
1	34"

Draw Length Modification Reference Guide

Adjusting Draw Stops

Once the modules are adjusted to desired draw length using the chart above; the draw stops must now be set and retightened. There are reference numbers and tick marks along the draw stop track on the bottom cam. There are reference letters and tick marks along the draw stop track on the top cam. Using the chart below set the draw stops by centering the head of the Torx screw with the reference numbers and letters on cam track. Charted is the stop location for each draw length, slight adjustment either way may be necessary. Set bottom and top stops to correlate with each other. Adjust cables to make limb stops hit at the same time to achieve perfect nock travel.

*Top cam and bottom cam limb stop location is referenced by centering the head of the Torx screw of stop with the draw stop reference numbers and letters indicated on the cam. This is the starting point for each draw length, slight adjustment either way or modifying string and cable lengths by twisting/untwisting may be necessary. Middle of range is optimum setting, but to achieve desired feel and tune moving the stops with the listed range is acceptable and may be needed.

This refers to the bows **peak draw weight.

* X30/X33 draw stop location are based on 70 lbs draw weight. X37 drawstop locations are based on a 60 lb draw weight. Location may vary depending on draw weight and specific feel.

X30 Draw Stop Locations	
Draw Length	Draw Stop (top) Draw Stop (Btm)
30	B 2 1/4
29.5	B 1/4 2 3/4
29	B 3/4 3 1/4
28.5	C 1/4 3 3/4
28	C 3/4 4 1/4
27.5	D 1/2 5
27	E 1/4 5 3/4
26.5	F 1/4 6 7/8
26	G 3/8 7 7/8
25.5	H 3/4 9 1/4

X33 Draw Stop Locations	
Draw Length	Draw Stop (top) Draw Stop (Btm)
31	B 1/8 2 5/8
30.5	B 1/4 3
30	B 7/8 3 1/2
29.5	C 1/2 4
29	D 4 5/8
28.5	D 3/8 5 3/8
28	E 1/2 6
27.5	F 1/4 7 1/4
27	G 1/8 8 3/8
26.5	H 1/2 9 5/8

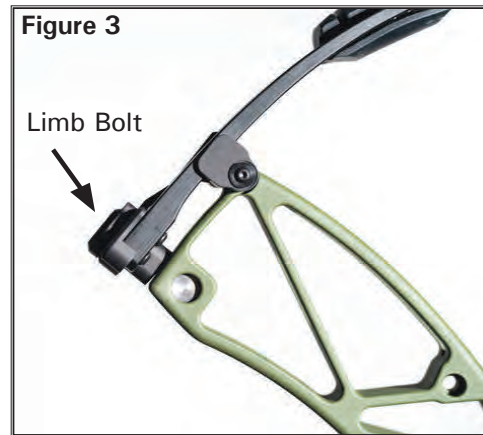
X37 Draw Stop Locations	
Draw Length	Draw Stop (top) Draw Stop (Btm)
34	A 3/8 1 3/8
33.5	A 3/4 1 3/4
33	B 1/8 2 1/8
32.5	B 1/2 2 5/8
32	B 7/8 3
31.5	C 1/4 3 3/8
31	C 3/4 3 7/8
30.5	D 1/4 4 1/2
30	D 7/8 5
29.5	E 5/8 5 3/4

X Series Specs					
Model	Axle to Axle	Brace height	String	Control Cable	Y - Cable
X30	29 5/8 (+/- 1/4)	6 1/4 (+/- 1/8)	57 1/8	35 5/16	31 1/4
X33	32 1/2 (+/- 1/4)	6 1/2 (+/- 1/8)	59 7/8	38 1/8	34 1/16
X37	37 1/4 (+/- .1/4)	7 7/8 (+/- 1/8)	64 1/4	42 15/16	38 15/16

Draw Weight Adjustments

Changing Draw Weight

On the top side of one of the bottom limbs is a sticker that has the string and cable lengths as well as the bow's capable peak draw weight. The peak weight is achieved by the limb bolts being completely tighten down. The peak draw weight can be turned down 8 pounds with each bow model. With an Allen wrench loosen the top and bottom limb bolts. One full turn reduces weight by approximately 2 pounds. **Never back off more than 4 turns.** Make sure the adjustment to the top limb bolt and bottom limb bolt is identical. See Figure 3



Safety & Maintenance

- All models of Xpedition Archery bows should only be put in bow presses that compress by limb tip contact only.
- The strings have factory installed speed nocks. Changing or removing these will reduce the performance of your bow.
- Avoid storing your bow in an environment where it is subject to high heat and always make sure the bow is dry when storing.
- Never dry fire your bow. This will cause damage to your bow and make it unsafe to shoot.
- Before shooting, inspect arrows to insure there are no defects or damages such as cracks in the shaft or nock.
- Periodically apply a light coating of bowstring wax to the string and cables.
- Never attempt to shoot your bow without a nock set.
- Nock or D-loop should be set so that arrow sets at a 90 degree angle with the string.
- Center shot starting point is 13/16" - 7/8" from the front berger hole.
- Recommended top cam lean should be set to neutral or slightly left.
 - Excessive cam lean to cable side may lead to cable wear. This can potentially lead to alignment issues.
- Never reduce the draw weight of the bow more than 8 pounds below the specified peak weight.
- Never draw bow without draw stops installed properly.
- Anytime a mod screw is removed, a dab of blue loctight should be applied for reinstall

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1665 Prosperity Rd • Decorah, IA 52101

www.XpeditionArchery.com