



X30 Tuning Chart

Mod 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

Cam Shims	
Top	90/85
Bottom	90/100

Reference Holes	
Top	2 15/16
Bottom	2 5/8

Center Shot
13/16-7/8

Limbs	
Poundage	Deflection
70	56/60
65	52/56
60	48/52
50	38/42
40	28/32

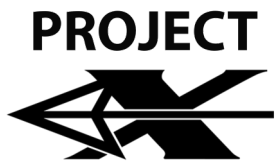
Harness Length	
String	57 1/8
Control Cable	35 5/16
Y Cable	31 1/4

Xpedition's proprietary hybrid cam system is designed to give the archer maximum adjustability and efficiency. To get the most out of your Xpedition bow it is suggested to follow these steps for initial setup.

1. Nocking point should be set so arrow is 90 degrees to the string and running through the middle of the two berger holes.
2. Arrow rest center shot should be set to measurement specified in owner's manual and be measured from the front berger hole.
3. Top cam lean should be set slightly left (cam leans to the string side of the cam on a right handed bow) at rest. When an arrow is set along the left side of the string track (right handed bow), the arrow should intersect the string at about the nocking point. This is a good starting point. Too much right cam lean on the top cam can cause excessive wear on the control cable.
4. Make sure draw stops on cams are in the range specified in the owner's manual for the set draw length. This ensures the cams will be delivering maximum performance and level vertical nock travel.
5. Use a draw board to sync the cams so the draw stops are hitting at the same time. This may require manipulating the buss and control cables to make the stops hit at the same time.
6. Tune bow with preferred method.

These are some issues and remedies to those issues while tuning a bow. A single remedy or a combination of remedies can be used to alleviate these issues. All scenarios are assuming a right handed shooter with right hand bow.

1. Nock High Tear: Move rest up, Move nocking point down, Take twists out of control cable at top cam, Add twists to buss cable at bottom cam
2. Nock Low Tear: Move rest down, Move nocking point up, Add twists to control cable at top cam, Remove twists from buss cable at bottom cam
3. Nock Right Tear: Move rest out (away from riser), Use a weaker arrow spine, Increase peak weight, Add twists to right yoke/remove twists from left yoke in equal amounts, Shim cams to the right (last resort)
4. Nock Left Tear: Move rest in (toward riser), Use a stiffer arrow spine, Decrease peak weight, Add twists to left yoke/remove twists from right yoke in equal amounts, Shim cams to the left (last resort)



X33 Tuning Chart

Mod 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

Cam Shims	
Top	90/85
Bottom	90/100

Reference Holes	
Top	2 15/16
Bottom	2 5/8

Center Shot
13/16-7/8

Limbs	
Poundage	Deflection
70	56/60
65	52/56
60	48/52
50	38/42
40	28/32

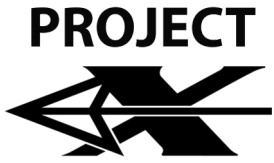
Harness Length	
String	59 7/8
Control Cable	38 1/8
Y Cable	34 1/16

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X37 Tuning Chart

Mod 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

Cam Shims	
Top	90/85
Bottom	90/100

Reference Holes	
Top	2 11/16
Bottom	2 1/4

Center Shot
13/16-7/8

Limbs	
Poundage	Deflection
70	68/72
65	64/68
60	58/62
50	46/50
40	36/40

Harness Length	
String	64 1/4
Control Cable	42 15/16
Y Cable	38 15/16

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3. Nock Right Tear: Move rest out (away from riser), Use a weaker arrow spine, Increase peak weight, Add twists to right yoke/remove twists from left yoke in equal amounts, Shim cams to the right (last resort)
4. Nock Left Tear: Move rest in (toward riser), Use a stiffer arrow spine, Decrease peak weight, Add twists to left yoke/remove twists from right yoke in equal amounts, Shim cams to the left (last resort)