

BOW ADJUSTMENT

Bracing Height & Nocking Point

Start

Make a note of the following:

Bracing Height	
Nocking Point	
Tiller	
String Length	

Check Limbs on the right way

Set string to lowest Bracing Height Position

Shoot arrow at 20 yards

Add a set number of twists to your string.
Shoot another arrow at 20 yards.

Does that last arrow go higher?
Does the bow sound better?

NO

YES

Remove last twists you put in the string and make a note of the new Bracing Height

Put a temporary nocking point on your string – of the same type as you will be shooting with in future.

Shoot three fletched and one unfletched arrows at 20 yards.

Does the unfletched arrow go higher than the fletched group?

Ignore the side position of the unfletched arrow for the moment, just focus on height.

YES

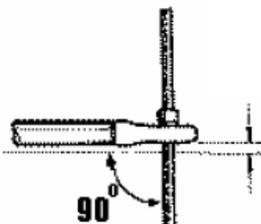
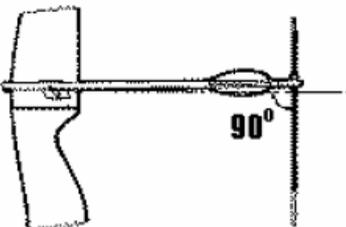
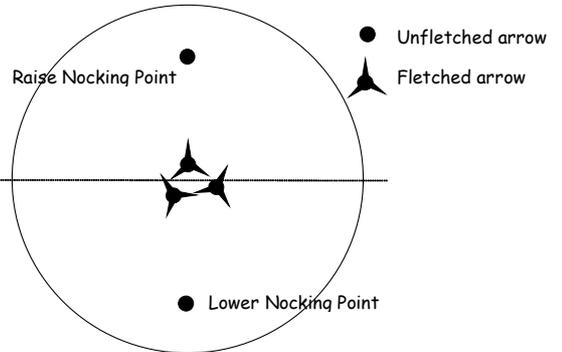
NO

Raise Nocking Point

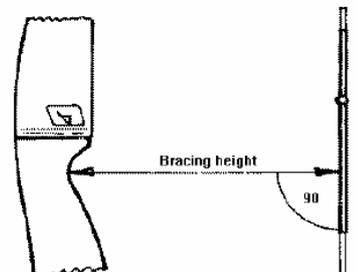
Lower Nocking Point

Does the unfletched arrow go level with the fletched group?

This is your ideal nocking point position. Make a note and fix it.



Bracing Height	
Nocking Point	
Date:	



BOW ADJUSTMENT

Dynamic Arrow spine compensation

Start

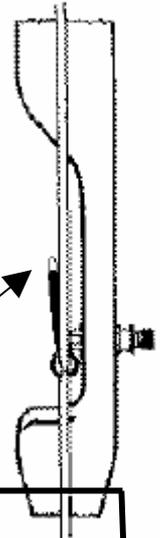
Make a note of the following:

Bracing Height	
Nocking Point	
Tiller	
String Length	

Check Limbs are on the right way

Set string to ideal Bracing Height Position

Check arrow point is set outside string



Shoot three fletched and one unfletched arrows at 20 yards.

Does the unfletched arrow go left of the fletched group? (It is too stiff).

YES

Do you use a button?

YES

Can it still be adjusted? Sufficient spring movement left?

NO

Reduce button spring pressure (or screw unit further in)

Options (if possible)

- Increase bracing height
- Faster string – material/strands/nocking point material/remove kissers
- Heavier arrow points (slows arrow)
- Add weight to Bow (Stabilisers)
- Smaller fletchings
- Raise Bow poundage
- New arrows with weaker spine

Does the unfletched arrow go in the middle of the fletched group?

This is your ideal position. Fix it.

Does the unfletched arrow go right of the fletched group? (It is too whippy).

YES

Do you use a button?

YES

Can it still be adjusted?

NO

Increase button spring pressure (or screw unit further out)

Is the arrow position worth worrying about?

NO

Leave things alone!!

YES

Options (if possible)

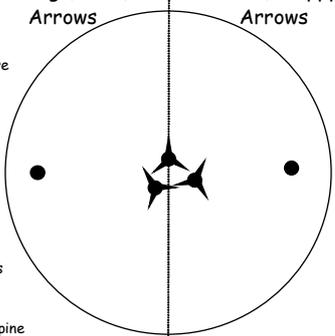
- Reduce bracing height
- Slower string – material/strands/nocking point material/add kissers
- Lighter arrow points
- Reduce weight on bow
- Larger fletchings
- Lower Bow poundage
- Stiffer spined arrows
- Shorten arrow

Be aware of other consequences these changes may have

● Unfletched arrow

▲ Fletched arrow

Strong (Stiff) Arrows Weak (Whippy) Arrows



Button
Reduce spring pressure
Use weaker spring
Screw unit further in

Button
Increase spring pressure
Use stronger spring
Screw unit further out

Gross Tuning
Brace Height too low
String too slow
Heavier point
Beiter nocks
Add stabiliser weights
Smaller fletchings
Raise bow poundage
Arrows with weaker spine
Adjust TFCs

Gross Tuning
Brace Height too high
String too fast
Lighter point
Cut arrow down
Lighten stabilisers
Larger fletchings
Reduce bow poundage
Stronger spined arrows
Adjust TFCs

Register Changes:

Bracing Height	
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