

Border Tempest set up guide

Bracing height

The Border Tempest has more deflex than most other risers, and therefore requires a slightly higher bracing height than you may be used to.

As a general rule, you should increase your bracing height by up to 1/2in when compared with a 25in riser with conventional deflex.

Limb bolts

Tempest limb bolts give the marked limb weight for Border limbs, and most other brands, when the bolts are wound out five full turns from the bottom setting.

Winding the bolts all the way in should increase draw weight by approximately 10%.

Note: This is with conventional recurve limbs. With Border HEX limbs, you will see a smaller adjustment in weight.

To adjust the bolts:

1. Loosen the rear locking nut with an M5 allen key.
2. Wind the bolt in or out with a M6 allen key.
3. Use both keys simultaneously to lock the bolt and nut in place.

Warning: Do not adjust the limb bolts when the bow is strung. This may damage the limbs.

Limb fitting and alignment system

Fitting

While the Tempest is optimised for Border limbs, most other ILF-type limbs should fit.

Note: Not all ILF limb dovetails are identical. If you have a problem fitting your limbs to your Tempest riser, please contact Border for assistance.

Alignment

All Tempest risers are thoroughly checked for straightness before shipping. However, even tiny differences can cause alignment issues with a bow.

Therefore, the Tempest has a simple non-slip limb alignment system. The brass slot that the limb dovetail fits into can be swapped out for other slots, which offset the limb one way or the other.

[Image of three limb alignment slots, one with no dots, one with two dots on the right, and the other with two dots on the left]

The dots on each slot show the offset:

- No dots means there is no offset.
- Two dots on the **right** means the slot is offset 0.02mm to the **right**.
- Two dots on the **left** means the slot is offset 0.02mm to the **left**.

Each Tempest is supplied with six adjustment plates:

- Two zero adjustment plates (fitted).
- Two 0.02mm plates, one left and one right.
- Two 0.04mm plates, one left and one right.

Additional plates with different adjustment sizes can be ordered if required.

Note: The plates cannot be flipped over. Trying to do so may damage the riser or the plate.

Adjusting the limb alignment

1. Check the bow when strung, to determine which limb you need to adjust, and by how much.
2. Take down the bow and remove the limbs.
3. Unscrew the adjustment plate you want to replace, using a 3mm allen key.
4. Remove the adjustment plate, and fit the replacement one.
5. Reassemble and restring the bow.
6. Check the limb alignment. Repeat the process as required.