

Spreaders

If you set up your light wind setting you will notice that your mast has a slight bend/curve going up it, this is called the **pre-bend**. The amount of pre-bend is controlled by the spreaders.

You can measure pre-bend by following these steps:

- 1) Set up your light wind setting & make sure there are no chocks in.
- 2) Get the heavier of the two of you to pull and hold the main halyard tight against the gooseneck on the back edge of the mast.
- 3) Meanwhile the lighter one of you needs to climb onto the boat (carefully) and stand next to the mast where the chocks normally go.
- 4) From this position measure (using a ruler) the distance between the halyard and the back edge of the mast where the spreaders join. (This is the point where the pre-bend is greatest).

Different makes of sails require different pre-bends, these are:

Pinnel & Bax – 35mm

Olimpic – 33mm

Speed – 32mm

North – 32mm

If your pre-bend measurement does not equal your sail's requirement then release the rig tension, adjust the spreaders so that they are angled further back if your measurement is too small or further forward if it is too large. Then re-measure the pre-bend using steps 1-4 and keep adjusting until its right!

