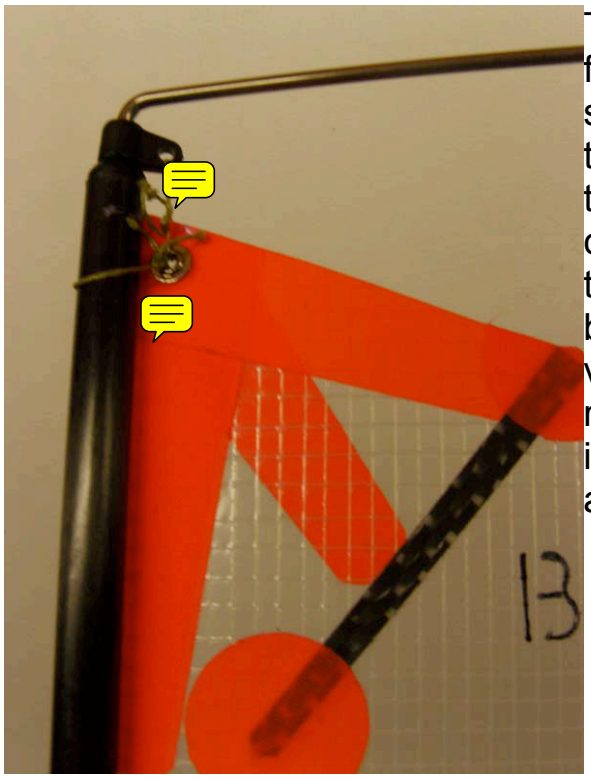
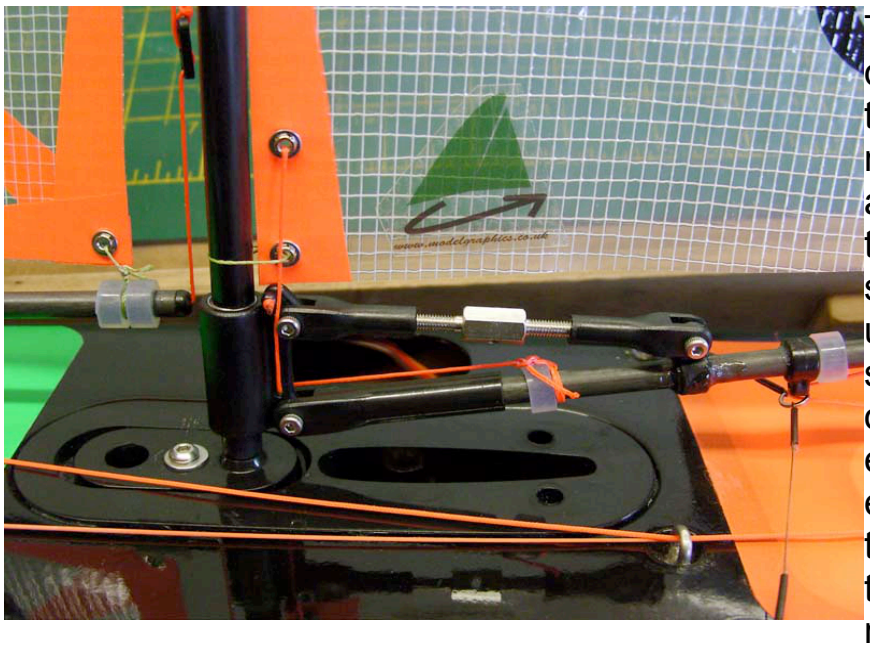
Dragon Force Rigging

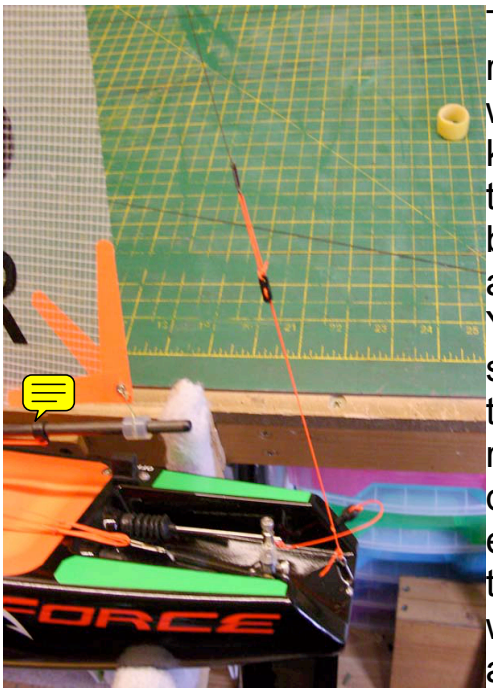
This is my version of rigging the Dragon Force, it makes rig changing easy and quick and also in my opinion gives the best adjustment to the rig.



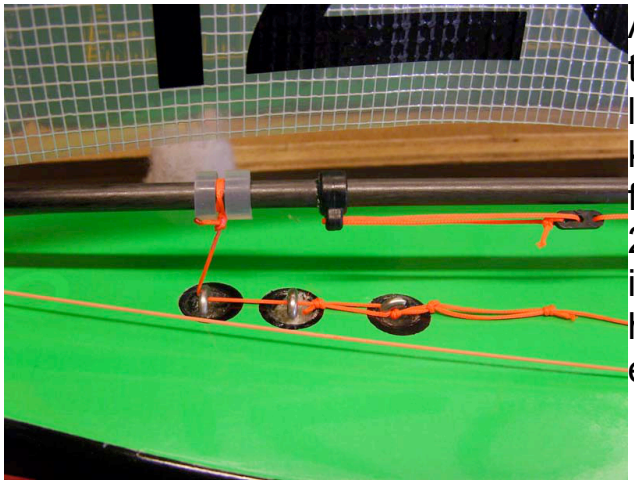
The first step is to attach the main sail, I fix the top with a figure 8 knot to keep the sail centred about 6mm from the swivel, then tie a loop around the mast to keep the sail approximately 1mm from the mast continue to tie the mainsail to the mast all the way down maintaining the 1mm gap between the sail and the mast. I use nail varnish to lock all the knots, some people recommend using super glue this wicks into the cord and makes it stiff and could also wick into the dacron sail patches.



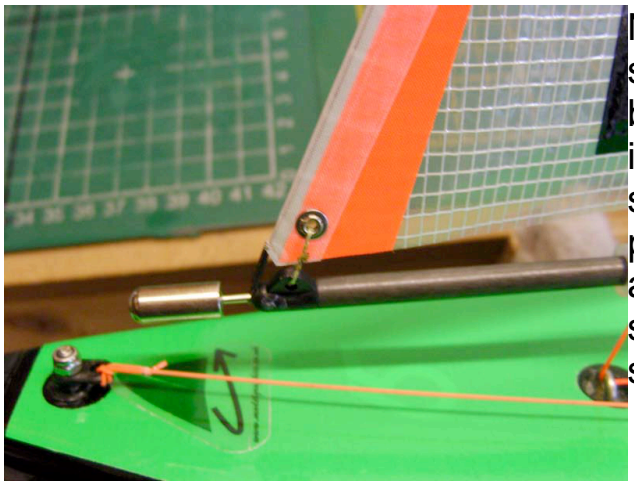
The next step is to fix the down haul, the cord is tied off at the top of the main boom swivel assembly then through the bottom of the sail, as seen in the photograph I use a second eyelet slightly above the bottom one but using the bottom eyelet will have the same effect, this is adjusted by the sliding silicon band, I tie a loop around the mast behind the silicon ring this stops the cord cutting through the band. I have also used a Dacron cord for all the adjustable cords as this slides better through the holes than Dynema cord.



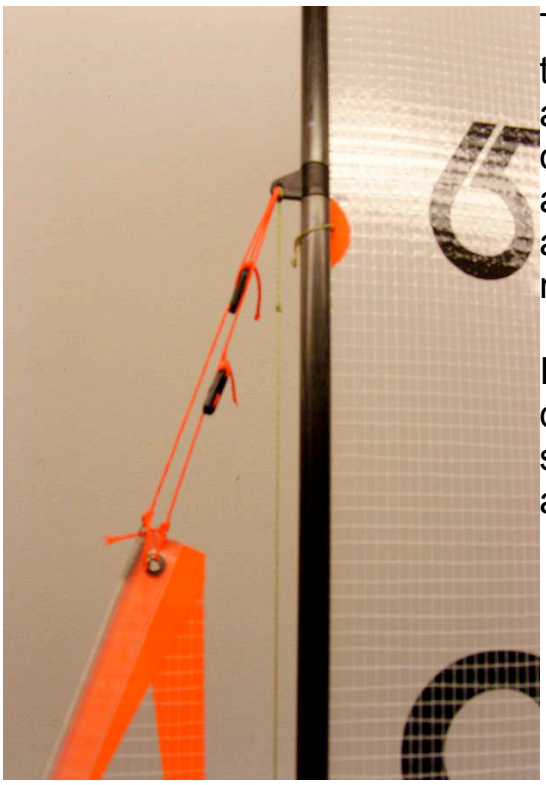
The next step is to attach the the clew, 2 silicon rings are used, I use the thin Dymema cord and wrap it around the boom three times then tie a knot with a silicon ring each side of the loop's this help the clew fitting slide easily along the boom, then tie the sail to the boom with a gap of about 2mm between the clew and the boom, You can also see the back stay, I use a seven strand wire with a 2mm stainless steel ring on the end the adjusting cord is thread through this ring with bowsie positioned to tighten with a downward pull. This makes adjusting more easy, the same is done on the Jib boom but the thin dynema is used from the mast to the ring which is about 150 mm shorter than required and the adjustment cord is then dacron through the bowsie. The back stay is attached to the stern by a small stainless steel hook.



Again the boom attachment is attached to the Jib boom by forming a series of loops around the boom then tying a knot between 2 silicon bands, I then form a loop so that the boom sits about 20mm above the deck as per the DF instructions, I leave a tail on the end to help thread this cord through the deck eyes.



Next is to attach the Luff wire, this is simply done by threading the counter balance weight stem through the loop in the luff wire, next tie the foot of the sail to the front attachment as close as possible with out touching the sail using a figure 8 knot, the clew is attached the same way as the main sail as can be seen in figure 2.



The first step in attaching the top of the jib is to attach the luff wire again I use dacron and attach in such a way that a downward motion on the bowsie tightens the rig the next is to attach the up haul from the top of the jib sail again attach in a way so that a downward motions tightens the rig.

I attached the sheets in the same way as described in the Df instructions but make sure you have a loop at the end that is easily attached to the clip on the winch cord.

One of the important things to remember is to keep the sheets as free as possible.

I go through deck eye 5 straight to the clip for the jib and just trough the deck eye to the clip for the main.