

TURBO KIT INSTRUCTIONS

DECK FITTINGS

Unscrew the old deck cleat and Cunningham fairlead from behind the mast. Scrape off any excess resin or silicone. When replacing these fitting be sure to use silicone over the holes to stop leaks?

Replace the old camcleat on the deck in front of the centerboard case with the plastic plate. (with the two camcleats attached.) (see pic 1)

Replace the plastic Cunningham fairlead with the stainless steel plate with the two pulleys attached. Screw down as you did the camcleat plate. (pic 2)



VANG

Lay all your vang parts out on the ground. You will have a 1.3 meter rope (Ocean 3000 Blue), 4.7 meter rope (Black), vang key, double becket block, single becket block, and the main vang body. (pic 3.) Attach the vang key to the single becket block via the clevis pin and ring. Using the 1.3 meter rope use a small bowline to tie it to the becket of the single block. (pic 3) pass the tail end of this rope thru the crane pulley of the main vang body. It's the pulley overhanging the camcleat, then return it back up and thru the empty sheave of the single becket pulley.

Then tie the end to the head of the double becket pulley. It should now look as picture 4.) Now tie the 4.7 meter rope to the becket of this pulley with a small bow line. Then feed the end thru the top sheath of the main vang body, then back up and thru the sheath above the becket on the suspending block (pic 5) Then back down and thru the pulley below the last one on the vang body, then back up to the empty sheave of the suspending block, then back down to the vang body. Run the rope between the arms of the crane pulley (pic6) and thru the pulley inside the vang body. (downwards direction) Return it via the dead eye and out thru the camcleat (pic 7) tie a knot in the end so as not to lose it back thru.



OUTHAUL

In your outhaul kit you will have a 0.8 meter rope (Blue), 1.3 meter rope (Blue), white 5.3 meter rope (Red), and two single pulleys.

Take your old clew tie rope and tie a single pulley to the gooseneck, so that the pulley is positioned nice and close into the mast on the underside of the gooseneck (pic 8) Take the 0.8 meter rope and use it as a clew tie. Then take the 1.3 meter rope use a bowline to tie this to the small fairlead at the outboard end of the boom, pass this rope through the clew eye of the sail, and then back thru the outboard fairlead. (pic 9) now take your last pulley from your turbo kit and thread it onto the blue rope thru the head. Tie it around the boom in a loop which one or two fingers could fit thru leaving a tail of about 100mm. Now you can slide the pulley down to the knot and use the 100mm tail to tie it in place (pic 10) Next take the 5.3 meter rope use a bowline to tie it to the bridge of the old outhaul cleat in the centre of the boom, (pic 11) pass this rope thru the single pulley you have just tied on, (pic 12) then run it thru the pulley you have tied to the gooseneck pass it thru on the port side, then thru the small block and the mast step and then thru the camcleat on the deck. (pic 16)



CUNNINGHAM

In your Cunningham kit you should have, 0.9 meter rope (Blue), 3.5 meter rope (Green) a single block and a single becket block.

Take the 0.9 meter rope and tie a small bowline with the single pulley to the clevis pin on the top of the main vang body (pic 13) Pass the tail up the starboard side of the boom then through the Cunningham eye in the sail, then put it through the port side of the sail so the tail appears on the starboard side. On the tail end tie on the single becket pulley, (pic 14) then take the 3.5 meter rope and tie it onto the becket of this block. Pass it down and thru the single pulley at the top of the vang body, then return it back up thru the single becket block (pic 15) then back down to the empty block attached to the stainless plate at the mast step on the starboard side and back to the empty cleat on the deck. (pic 16) This is now a 6:1 ration. All Cunningham lines should be kept on the same side of the boom so as to gain optimum adjustment.

