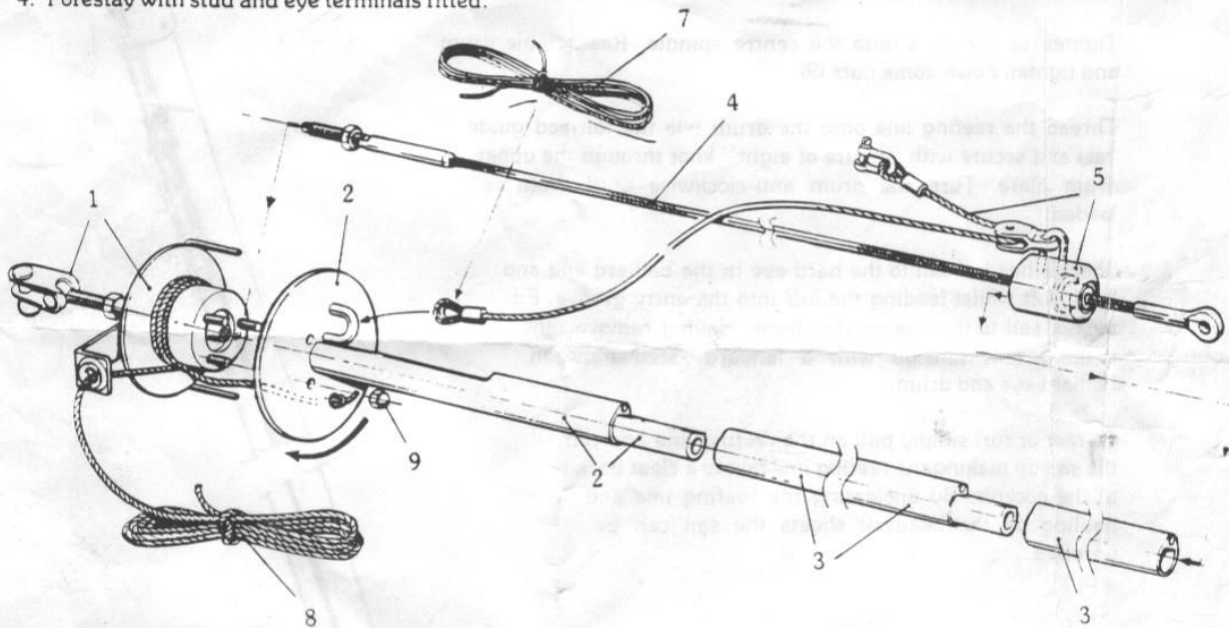


rotostay

FITTING INSTRUCTIONS FOR MODELS FS4 & FS5 REEFMASTER

Each ROTOSTAY is made to measure and comprises the following components. Identify and check them before assembly.

1. Bottom drum assembly complete with fairlead guide bar and deck toggle.
 2. Top drum assembly complete with luff entry spar and link fitted.
 3. Continuation lengths of luff spar complete with links (to suit forestay length).
 4. Forestay with stud and eye terminals fitted.
 5. Spar end cap with halliard block, halliard and hard eyes fitted.
 6. (Optional mast toggle)
 7. Rope halliard tail.
 8. Reefing line.
 9. Drum assembly dome nuts (3 off).
- Rigging assembly comprising:-
4. Forestay with stud and eye terminals fitted.



ASSEMBLY

Uncoil the forestay (4) and remove the locknut from stud.

Remove dome nuts (9) from drum and part the assembly.

Join all luff spars (3) together with the links and rivets provided including the top drum assembly (2).

Pass the forestay (4) stud terminal first down through the luff spars until the stud emerges from the top drum assembly (2).

Fit the spar cap casting and the halliard block to the top end of the spar, taking care to align the "indentations" on the halliard block staple with the luff groove. Failure to do this will result in the staple and block dropping off the casting. The casting is a compression fit and can be knocked on with a mallet.

Attach the halliard tail to the top halliard eye and lay out the complete halliard alongside the extrusion to the bottom drum.

Having replaced the locknut, screw the forestay stud terminal into the centre spindle of the bottom drum assembly (1) for 15mm.

Now screw the deck toggle into the opposite end of the lower drum assembly.

Relocate top drum assembly onto bottom drum and replace dome nuts (9) finger tight.

The assembly is now complete and can be fitted to the mast.

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INSTALLATION

This job should be within the capabilities of the owner who is used to carrying out his own rigging maintenance. It is a two-man operation and is best done with the yacht lying alongside a pontoon or jetty. Assuming the mast is stepped you will need to use three halliards deployed thus: - one to be taken for'd to support the mast while the forestay is removed, one for hauling up the Rotostay assembly, and one for the bosun's chair (usually the mainsail halliard hauling chair up aft side of mast).

Having connected the Rotostay to mast and stemhead the forestay inside the Rotostay can now be tensioned up. Remove the dome nuts (9), raise the top drum assembly (2) to expose the forestay and grip the stud terminal with a spanner. The centre spindle of the drum assembly acts in the same way as the barrel of a bottle screw. When the spindle is turned by moving the fairlead guide bar around the drum in a ANTI-CLOCKWISE direction (looking from above) the forestay tension is INCREASED; and vice-versa. Never attempt to tension forestay without gripping the stud terminal as you will twist and damage the forestay.

Tighten up locknuts onto the centre spindle. Reassemble drum and tighten down dome nuts (9).

Thread the reefing line onto the drum (via the fairlead guide bar) and secure with "figure of eight" knot through the upper drum plate. Turn the drum anti-clockwise until drum is loaded.

Shackle head of sail to the hard eye in the halliard end and haul aloft whilst feeding the luff into the entry groove. Fit tack of sail to the eye on the drum. Having removed the halliard tail, tension with a lanyard laced between halliard eye and drum.

To reef or furl simply pull on the reefing line and roll the sail up making the reefing line fast to a cleat back at the cockpit. By uncleating the reefing line and hauling on the headsail sheets the sail can be unrolled.

