

Reassembly of joined masts

- **Conventional 321/171 and 365/194**
- **In-mast furling 324/169 and 370/192**

Tools

Screwdriver TORX # 40 (MS countersunk machine screws) Tightening moment: 19-21 Nm.
Locking adhesive (Loctite 639 or equivalent)
(Adhesive tape)

Mast

1. Put the mast parts on cradles with front facing upwards. Check that the halves have not been turned and halyards twisted.
2. Clean the surfaces of the joint.
3. Tie corresponding messenger lines together. Secure the knots with adhesive tape if the messengers will be in service for a long time.
4. Fit the joint sleeves loosely to one of the mast halves (four screws per sleeve, tighten by hand only)
5. Push the two mast halves together. Keep the messengers, and cables if any, tight during this operation.
6. Align the two halves so that the holes in the mast and the joint sleeve match.
7. Fit all screws with locking adhesive.
8. Tighten the four screws per sleeve.
9. Fit and tighten the remaining screws. Start at the front line and move aft one side at a time- Complete each longitudinal row of screws (both mast halves) before starting with the next one.

Luff section, In-mast furling masts only

1. Put the mast with the port side up. Slacken the messengers at the headbox approx. 200mm.
2. Remove the four nuts on the top of the masthead box. Remove the box and leave it suspended in the messengers. Prevent the messenger from becoming twisted.
3. Remove the top luff extrusion from the sail compartment.
4. Pull out the lower luff extrusion (the one with the tack hook at the lower end) until the end with the joining sleeve just protrudes. Do *not* remove the halyard swivel.
5. Align the top luff extrusion with the lower one and push the two parts together. Check that the sail groove of the two sections align perfectly. Fit and pull the rivets supplied. Remove rivet mandrels. Fit plastic plugs (if supplied) in the rivet bodies.
6. Push the plastic cover of the top extrusion down until it meets the lower one.
7. Push the assembled luff extrusion into the sail compartment until the end is just protruding.
8. Fit the top swivel (connected to the headbox) to the luff extrusion.
9. Refit the head box with the four L-bolts + nuts. The marks on the headbox sides must match the (middle) lines of the mast.
10. Fit the lower end of the luff extrusion to the shaft of the furling gear (see manual, Dismantling). To avoid injuries, fit the split pin on the side opposite to the tack hook.
11. Tension the luff extrusion according to the Manual instructions.

