



F18 EVO DECK SWEEPER BOOM 2025 UPDATE MANUAL



NAERA
sailing

Tools and Materials

Tools:

- 3 mm Drift punch
- 5 mm Drill bit
- 4.2 mm Drill bit
- Hammer
- Black Polyurethane Sealant
- Rivet Gun
- Heat Gun
- Tape Measure
- Paper Tape
- Marker



(The process for removing and installing are the same for both the gooseneck and the strapeye.)

Step 1:

Remove old gooseneck/strapeye

Use the drift punch to remove the old rivet pins.

Then drill out the rivets with a 5mm drill bit.

Heat the gooseneck with a heat gun to loosen the sealant and carefully pull it off with pliers.



Step 2:**Installing new gooseneck/strapeye**

- (32496) Base gooseneck DS mainsail
- (31469) Strap eye w/ring large Ronstan
- (31265) Rivet 4.8x18 mm avinox

First, clean the surfaces of the mast and the new gooseneck.

Position the new gooseneck/strapeye using the supplied drawing and mark the holes for drilling.

Drill 5mm holes on the marked locations.

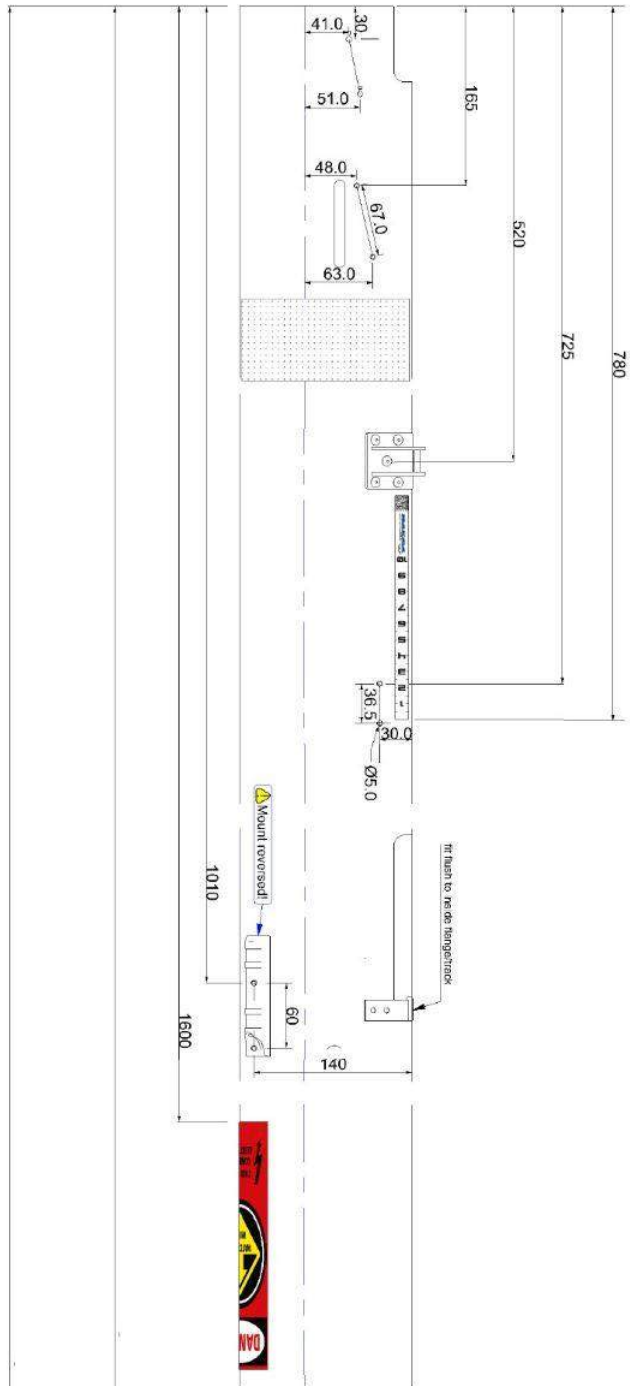
Apply black polyurethane sealant to the gooseneck/strapeye.

Secure the new gooseneck/strapeye to the mast using the supplied rivets.

Remove any excess sealant.

Repeat this process for the strapeye.





(After completing step 1 and 2, you can start with the reconfiguration of the boom)

Step 3:

Check the profile. Before you start cutting, check if there is any damage to the profile.

Step 4:

Cutting the Boom

Before cutting, mark the cut line at 2270 mm (from the inboard end of the boom to the outboard end).

Make sure you are cutting the outboard end of the profile.

While cutting, make sure to use eye and ear protection.

Make sure to deburr the ends of the boom.

You can reuse the endcap.



Step 5:

Drilling outboard holes

Before drilling the holes, put paper tape on the end of the boom to mark the locations of the holes with a pen as shown below.

The location of the holes can be found in the drawing.

The holes should be drilled with a 4.2mm drill.



Step 6:

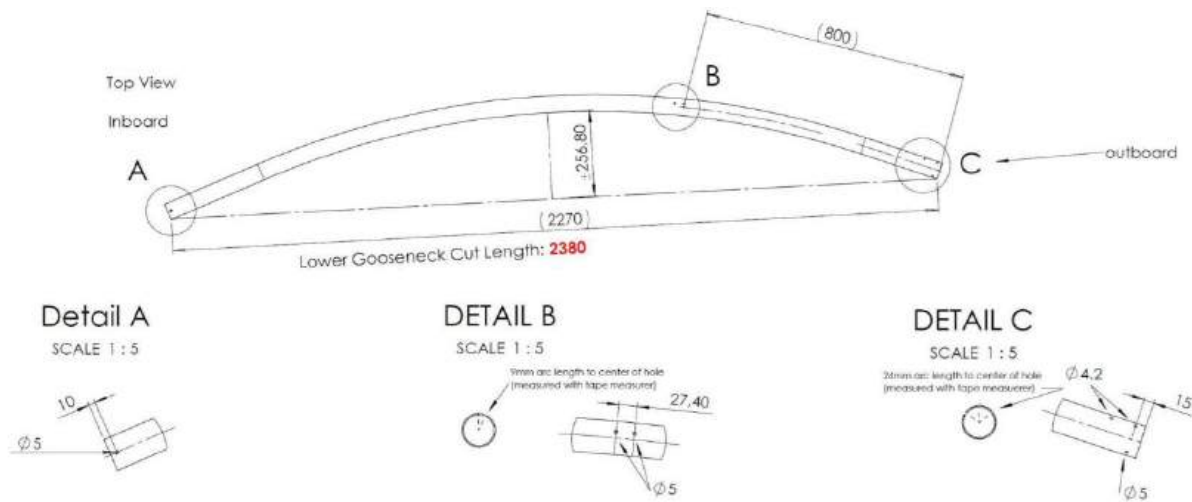
Securing and drilling holes for the clam cleat (Detail B on the drawing)

- (30838) Clam cleat cl211 mk2
- (31259) Rivet 4.8x20 mm avinox
- (10035 WH) Excel racing white 4mm marlow

The location of the cleat can be found in the drawing on Detail C.
Make sure that the teeth of the cleat are facing the inboard side of the boom.

*Before securing the cleat, make sure the line is already under the cleat.





Step 7:

Securing cheek block and tie button (Detail C on the drawing)

- (30652) Cheek Block 16mm Harken
- (31263) Rivet 4x12mm avinox
- (40204) Shackle Spacer nylon black 4.9 x 10 x 0.8mm
- (31259) Rivet 4.8x20 inox
- (30883) Tie Button DS boom

The location of the cheek block and the tie button can be found in the drawing.

Before securing the cheek block, make sure the open end of the block points to the middle of the boom.

Make sure to use nylon washers between the cheek block and the boom to prevent corrosion.



Step 8:

Placing Trim Sticker

- (32472S) Trim Sticker self tacking jib track STBD

The sticker is to be placed 30cm from the outboard end of the boom as shown below.



Step 9:

Installing the lines

- (10053 GY) D12 3mm grey

Tie the D12 3mm line to the tie button with a bowline knot.

