

Assembly: 089
Pendulum arm

English
20-4-2016

Mini Assembly manual



089.46 Connect the pendulum rudder to the pendulum bracket using 4 big green tube clamp halves, 4 m6x18 mm washers and 4 m6 nuts...

... Insert the m6x75/80 mm screws from the top and add the nuts on the bottom side

Do not tighten yet
VERY IMPORTANT

Keep the pendulum rudder tied to the boat AT ALL TIMES! It



089.49 This is how they should meet.

CHECK, there should be a tiny bit of movement between the big gear and the small gear. If this is too stiff, light wind performance will be lesser then is desired.

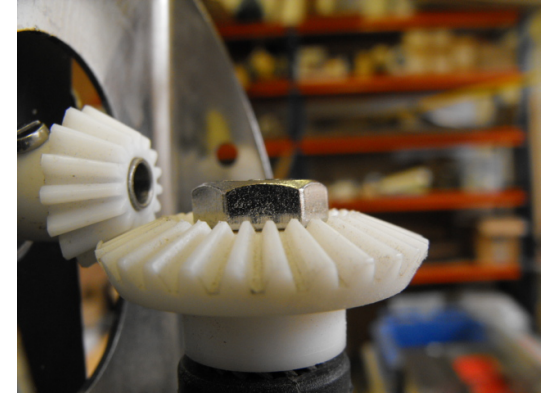
Remove the pendulum rudder from the pendulum arm.



089.47 CAREFULLY connect the pendulum rudder to the pendulum arm

If the teeth do not meet, DO NOT FORCE IT, make carefull adjustments.

In this picture the small gear comes too close to the m10 bolt and the big gear is too low



089.48 In this picture the small gear is too far from the bolt and the big gear sits too high



089.49 For the plastic gears, the outer gear axle should stick out by about 10 mm (not including the plastic bushing)

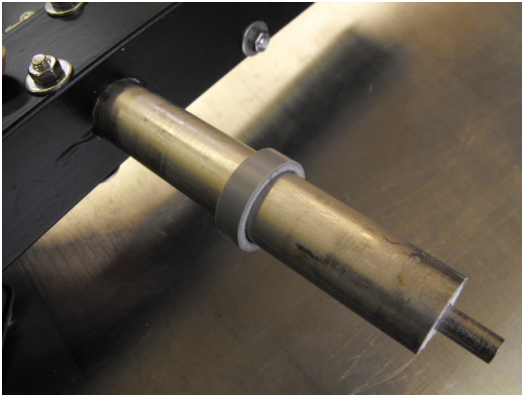
New for 2016

089.49 For the STAINLESS gears, the outer gear axle should stick out by about 14 mm (not including the plastic bushing)

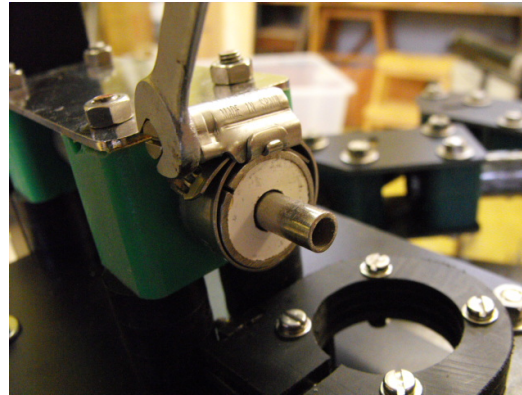
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089.50 Add the spacer to the outer gear axle



089.51 Insert in to the bearing blocks on the vane base.

Fix with a jubilee clip

WHILST still allowing it to rotate.