



Removing a Max-Prop 3 Blade Classic

Firstly, it is very important to put the propeller blades in the feathered position (sailing position). Mark the position of the outer hub (part 7) in relation to the inner hub (part 1) with a marker pen or similar.

Remove the anode (part 14).

Remove the securing split pins on the end cap (part 11) and the outer hub.

Remove the six screws which hold the end cap in place.

Remove the end cap with the blades (part 9) and the spacer (part 10) still in place.

Keep the end cap, spacer and blades away from any dust/dirt etc.

Ensure that the marker line you made has not moved during this process.

The Central bevel gear (part 6) of the prop' will now be exposed at the end of the shaft.

Carefully look out for a blind drill hole within the surface of the outer hub directly below the bevel gear. The hole will be adjacent to one of the splines of the bevel gear. Note down the letter shown at the top of the spline. This is the 'Y' mark.

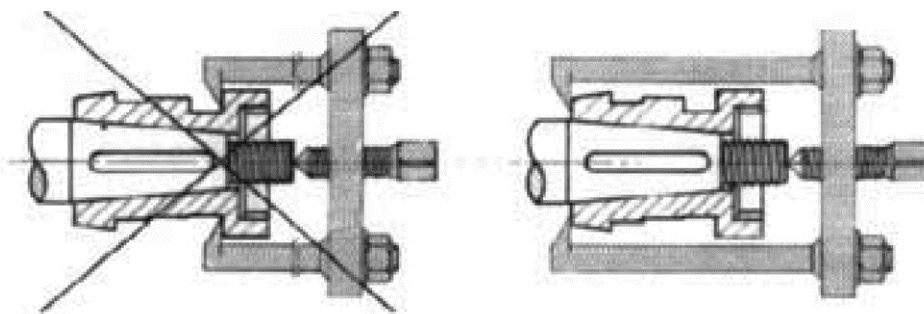
Now undo the bolts and remove the 2 halves of the outer hub.

Around the base of the central bevel gear, you will find a spot mark. Note down the letter shown on the inner hub that is adjacent to the spline with the spot mark. This is the 'X' mark.

Next remove the central gear. There will also be a small cut out on the base of the cone gear on this marked tooth.

The propeller nut can then be unscrewed after the two holding pins (new props)/locking pin (older props) has been removed.

The inner hub can now be removed from the shaft using a propeller puller as shown below.



Darglow Engineering Ltd

Unit 6, Justin Business Park, Sandford lane, Wareham, Dorset, BH20 4DY

Tel: 01929 556512 Fax: 01929 551956

E-mail: mail@darglow.co.uk

Website: www.darglow.com