

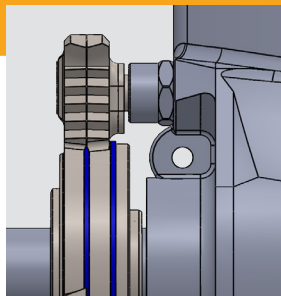
HYDROAXE

SERVICE INSTRUCTIONS

Your HydroAxe Rope Cutter requires little maintenance and bearings will function for several years, but it is advised that bearing tolerances are checked annually.

Your HydroAxe Service Kit includes:

- 2 x Acetyl Bearings/bushes
- 6 x M5x10 Bolts
- 2 x M6x20 Jacking Bolts
- ZAP Z-42 Thread Locker (medium strength)



Gap between blades must be no less than 0.004 inches (0.1mm)

REMOVING YOUR HYDROAXE

1. Remove Propeller, Nut and Spacer.
2. On the HydroAxe cutter, remove the three M5 Collett Bolts and re-fit by two turns only.
3. Insert M6 Jacking Bolts and tighten until they bottom out. Then using half a turn at a time tighten thus lifting the Collett plate and separating from the shaft. This should loosen cutter for removal.
4. Slide HydroAxe off shaft. Leave Sail Drive specific Spacer in place (between cutter and Sail Drive).
5. Remove M6 Jacking and M5 Collett Bolts. Now push Collett Plate/Collett out of the cutter to reveal Cutter Blade bolts and remove bolts as per image.



6. Separate the HydroAxe and lay parts flat in the way it was separated as per image above.
7. Dispose of old bearings and replace with new bearings.
8. Clean cutter components.
9. Assemble the HydroAxe using Loctite on M5 Bolts and fully tighten.
10. Push Collett Plate and Collett into cutter. Tighten M5 Collett bolts by two turns only.
11. Insert M6 Jacking Bolts and tighten lightly until they bottom out thus lifting the Collett plate.
12. Slide your HydroAxe on to the shaft. Push home ensuring the cutter pin locates into the Anode Plate.
13. Remove jacking bolts using 5mm Allen Key.
14. Tighten Collett bolts half a turn at a time. This will start to push the Collett in and grip the shaft. Initially the cutter will shift aft as bolts are tightened, using a Mallet ensure cutter remains in contact with the spacer. Collett bolts to be fitted with thread locker supplied and tightened to 6Nm.
15. You can now fit your Propeller, Nut and Spacer.

**IF YOU REQUIRE ANY ASSISTANCE,
PLEASE DO NOT HESITATE TO
CONTACT THE DARGLOW TEAM**