

Change Jetpump/Impeller

Contents of delivery:

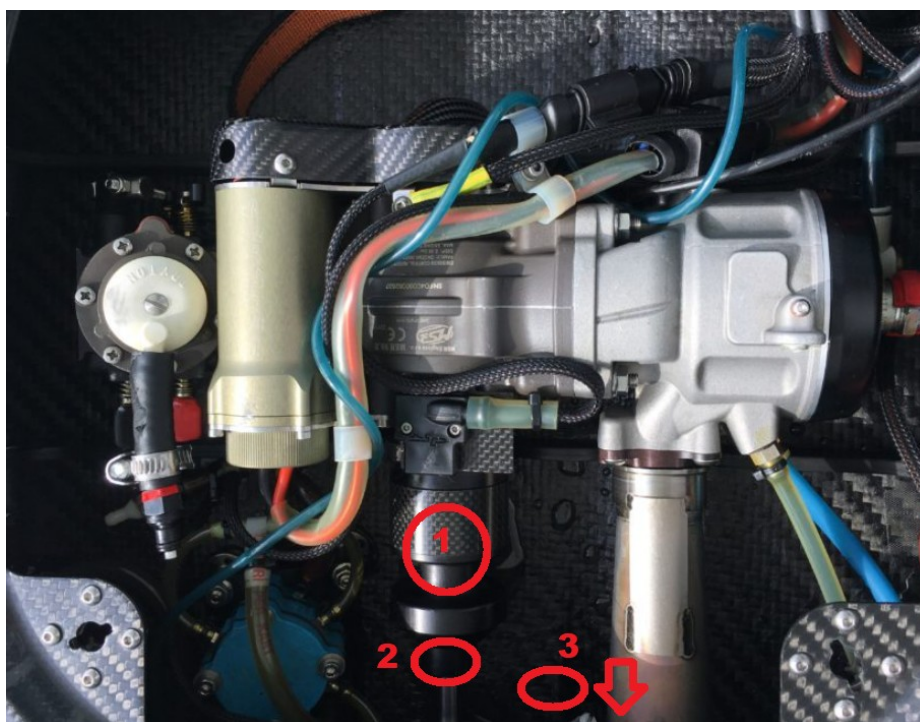
- impeller shaft-mounted for MSR/STERK jetpumps
- 2 pcs. 10X22x7 seals

Required tools:

- hex wrench 4 mm
- hex wrench 5 mm (long, without hex ball)
- dryer (hair dryer is suit)

Disassemble:

1. Unscrew coupling: main (1), small (2), small near bearing (3)



2. Take dryer, and unscrew rear cowl (not more - 50-60 degrees (you can hold it with your hands)).

With hex wrench 5 mm unscrew rear fairing (without hex ball). Turn smooth without bumps.

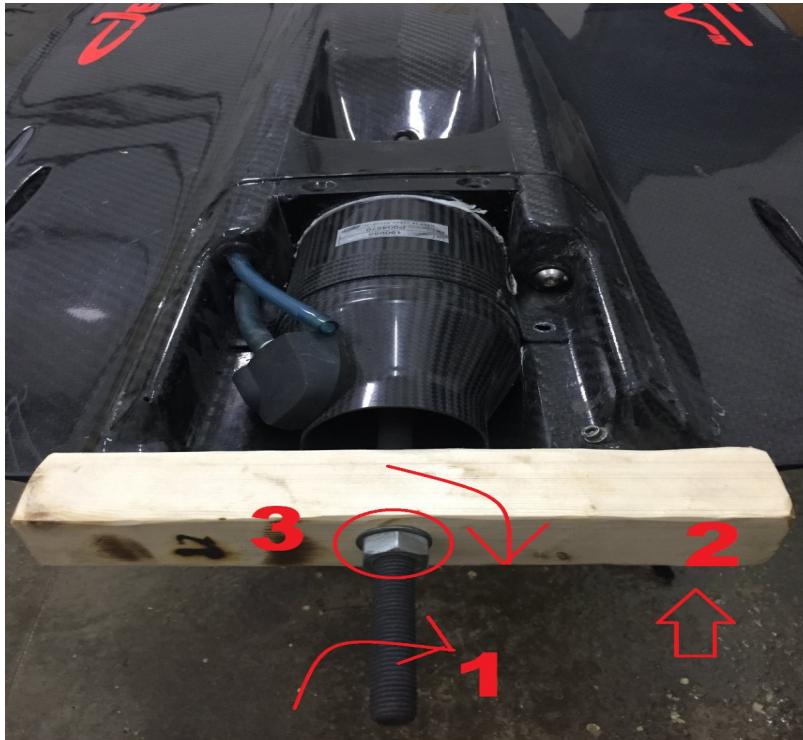


3. Disconnect cooling hoses, and unscrew jetpump bolts.



4. If you have a puller see below, if you don't have a puller – see item. 5

- 4.1 Screw in jetpump the puller (big nut with stud) to the end, and then 1 turn back.
- 4.2 After that put a wooden stop, and screw the nut and washer onto the M12 stud bolt.
- 4.3 Pull out the jet pump turning the nut with a wrench.



5. Take a blade and slide it between jet pump housing and board housing, thus cutting out any sealant. After that, try to pull out jetpump, it will not be easy. Be careful.



6. You pull out your jetpump! Take a beer.

7. Unscrew impeller bolt and pull out impeller.



Assemble:

- 1. Assembly is the process of reverse disassembly.**
- 2. Change seals in jetpump housing (included in delivery pack).**
- 3. Impeller have minimum clearance between jet pump housing, wherefore impeller may touch the housing. But it should rotate freely.**

If the impeller rotates with effort, it is necessary to modify the places that are being rubbed (with a file or sandpaper)

- 4. Apply sealant (a to the jetbord body (in a circle part), afterwards insert the jetpump.**



- 5. Before installing the couplings, the shaft must be degreased. (solvent, petrol without oil)**
- 6. Before the tightening couplings near bearing - pull shaft towards the nose of the board, and this coupling push towards to jetpump side (strongly) , after tighten this coupling, and other couplings.**
- 7. The first engine start on the air should not be long. After the first ride on the water (the impeller must be run-in in the housing), you can start as usual.**