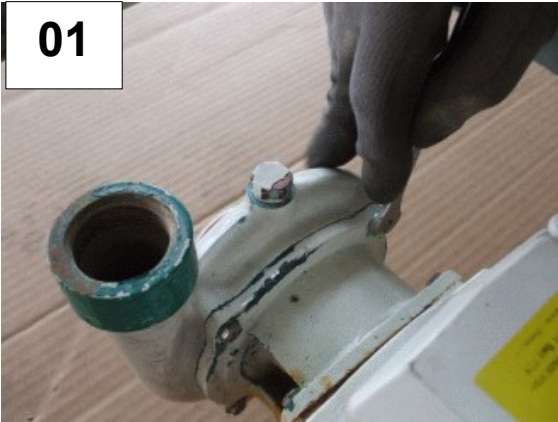


# CALPEDA PUMP SHAFT SEAL REPLACEMENT

01

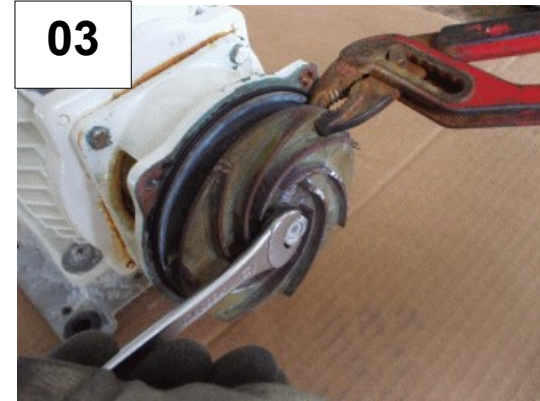


Pump body removal -

02

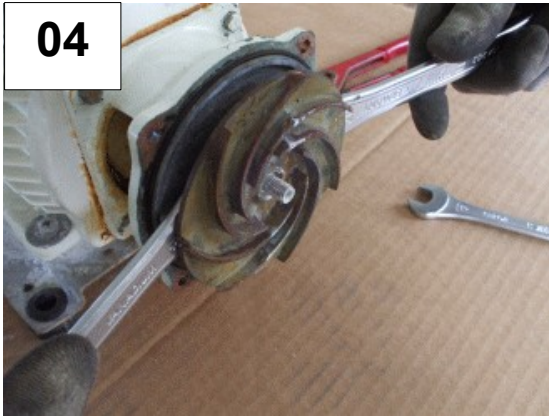


03



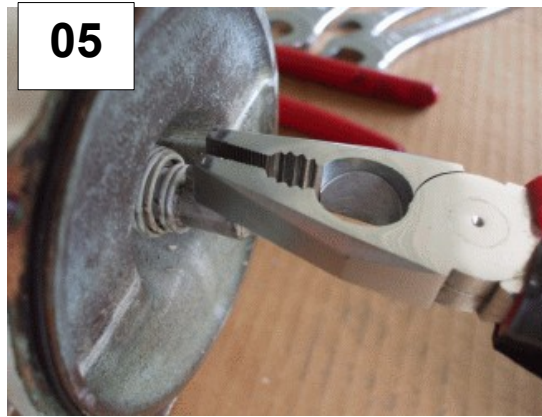
Removing the impeller

04



Removing the impeller

05



Shaft key removal

06



Back pump body removal

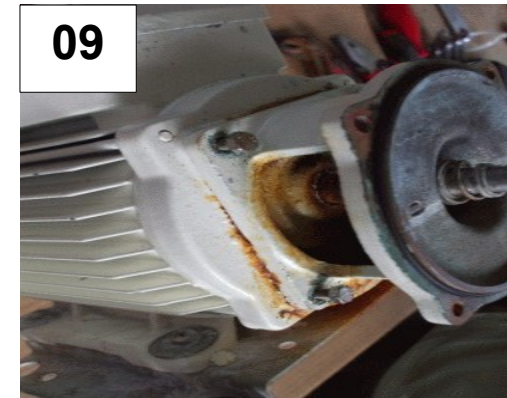
## CALPEDA PUMP SHAFT SEAL REPLACEMENT



07  
Removal of the back pump body together with the old shaft seal



08  
Shaft seal cleaning –



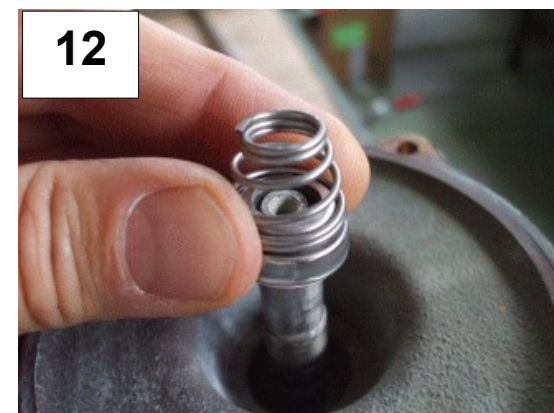
09  
Re-installation of the back part of the pump body



10  
This is the new shaft seal – note the left grafite part with mirror finished surface and the right part which is rotating with the shaft



11  
Deep the grafite part in water and then slide it on the shaft keeping the mirror finished surface towards you

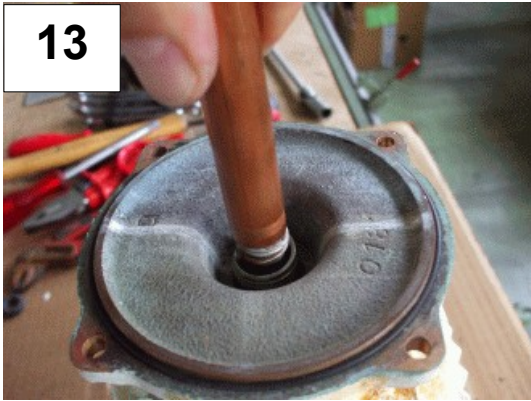


12  
Deep the rotating part in water and then slide it on the shaft. Push it by end. It is important that this part goes back on the shaft.



## CALPEDA PUMP SHAFT SEAL REPLACEMENT

13



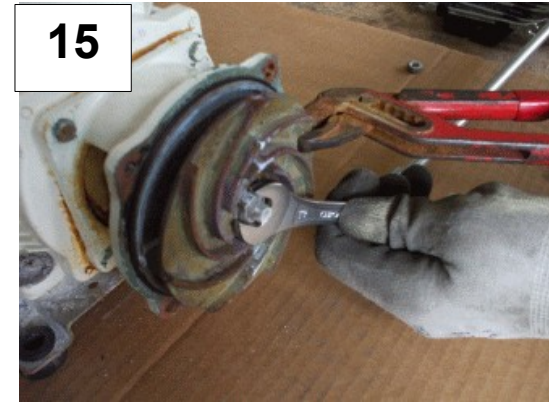
Use a pipe to push the rotary seal on the shaft. The rotary seal should leave access to the shaft key

14



The shaft key is put in place with the help of a plier

15



Now the impeller is back at its place and firmly fastened with double nuts

16



Clean carefully the external seal of the pump body

17



Before assembling the pump, it is important to turn the shaft for few minutes in order to settle the seal parts at low speed

18



Now the pump front body goes back to its place. The overhauling is finished