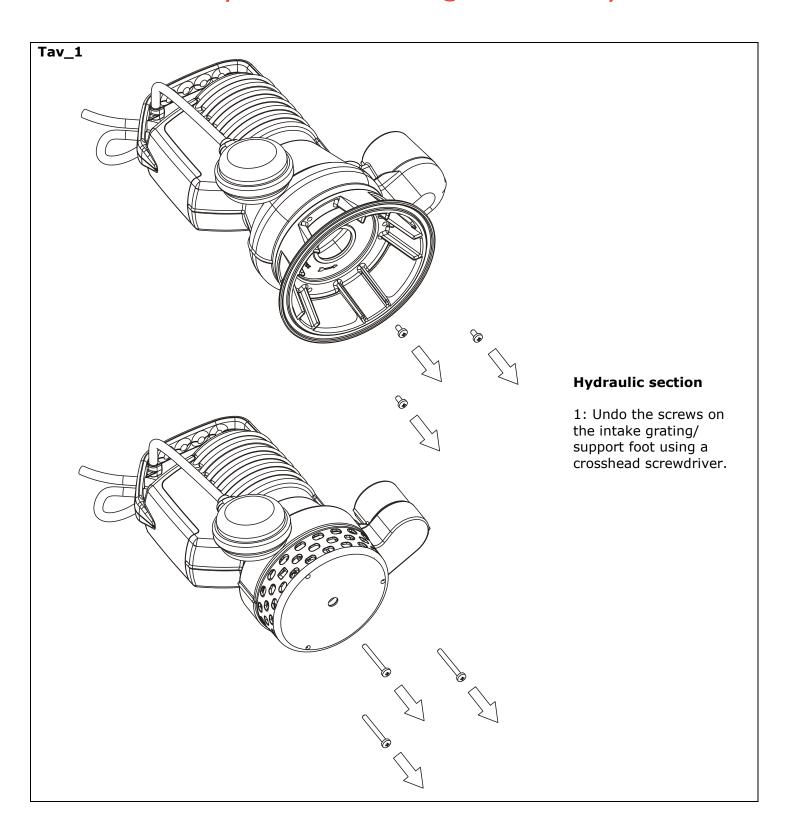


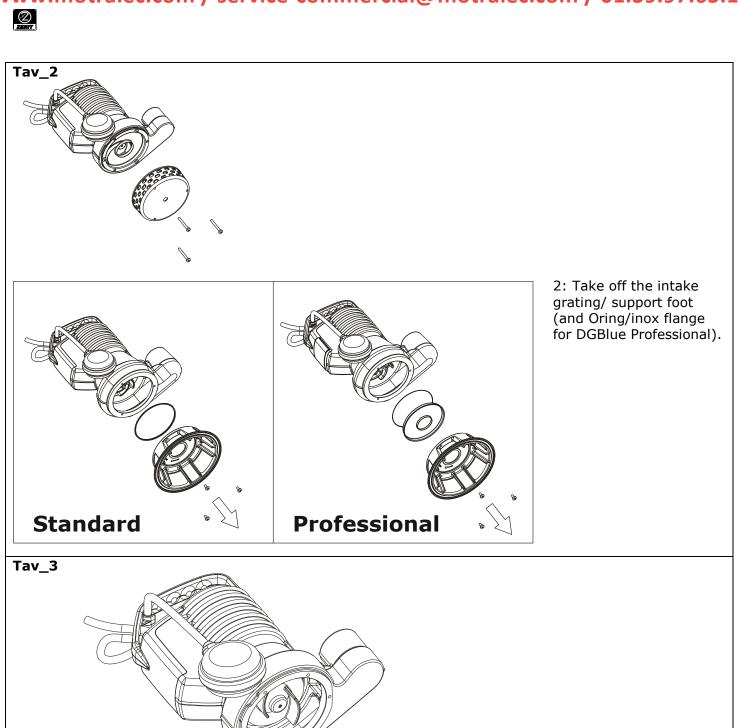
INSTRUCTION MANUAL FOR ASSEMBLING/DISASSEMBLING BLUE SERIES PUMPS

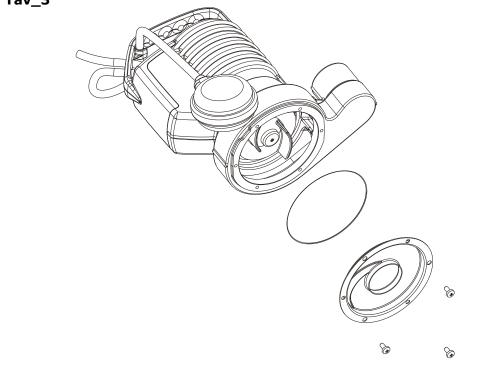
INDEX

Disassembling Blue90 pump

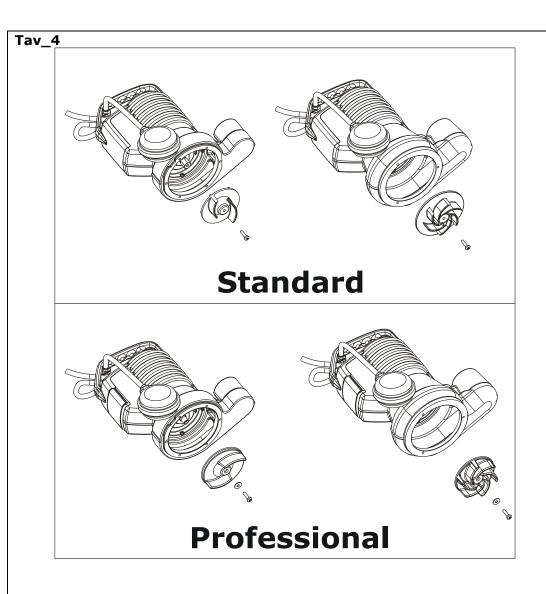
	_
Hydraulic section	
Opening the oil sump	6
Removing the mechanical seals	
Removing ball bearings	
Removing handle	
Removing the stator	
Removing Air Valve	
Removing the stator	
Assembling Blue90 pump	
Preparing the driving shaft	
Fixed section of the mechanical seals	
Fitting the stator	
Fitting the driving shaft	
Mobile section of the mechanical seals	
Closing the oil sump	
Filling the oil sump	
Closing the Air Valve	
Hydraulic section	



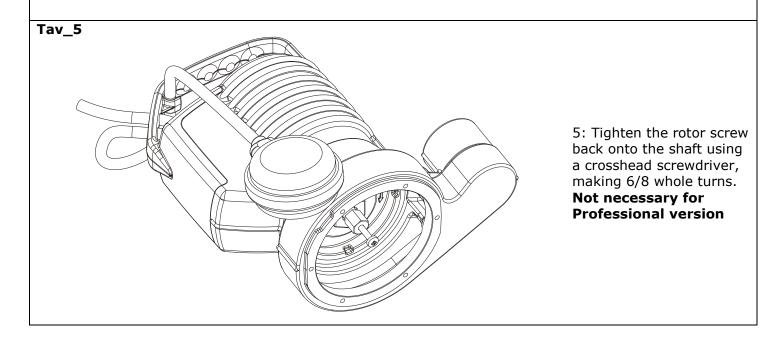




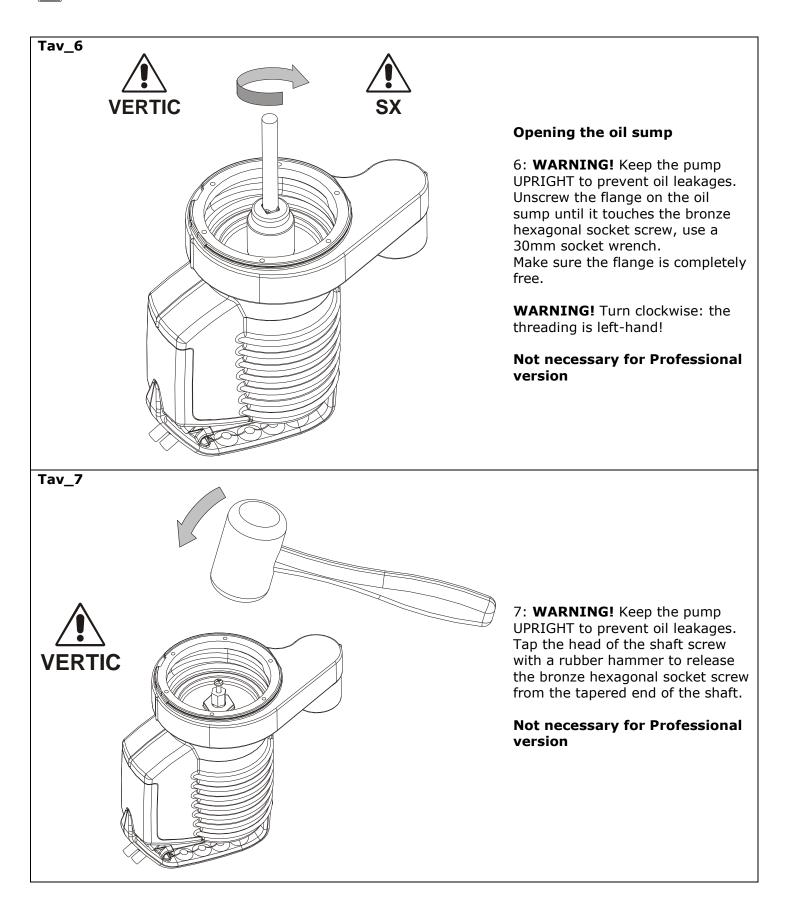
3: Undo the screws on the intake flange using a crosshead screwdriver and remove intake flange and Oring.

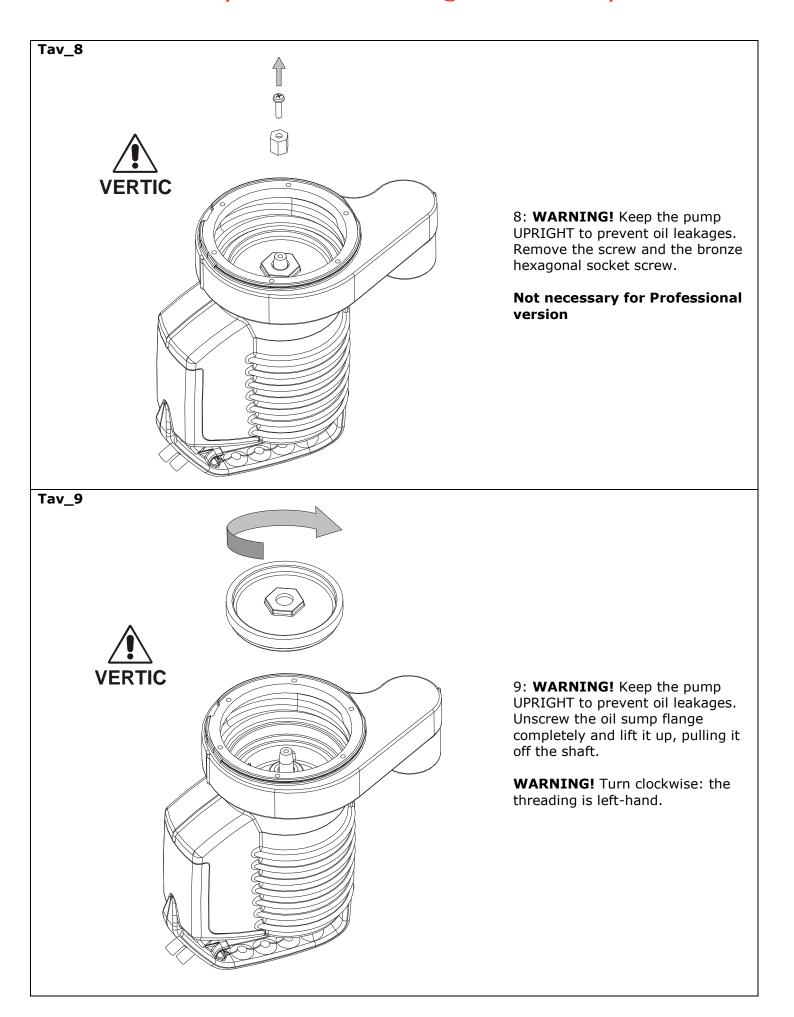


4: Undo the screw on the impeller with a crosshead screwdriver, holding the impeller still (with a pair of pliers for example) and take off the impeller using a pair of pliers applied to the impeller hub.

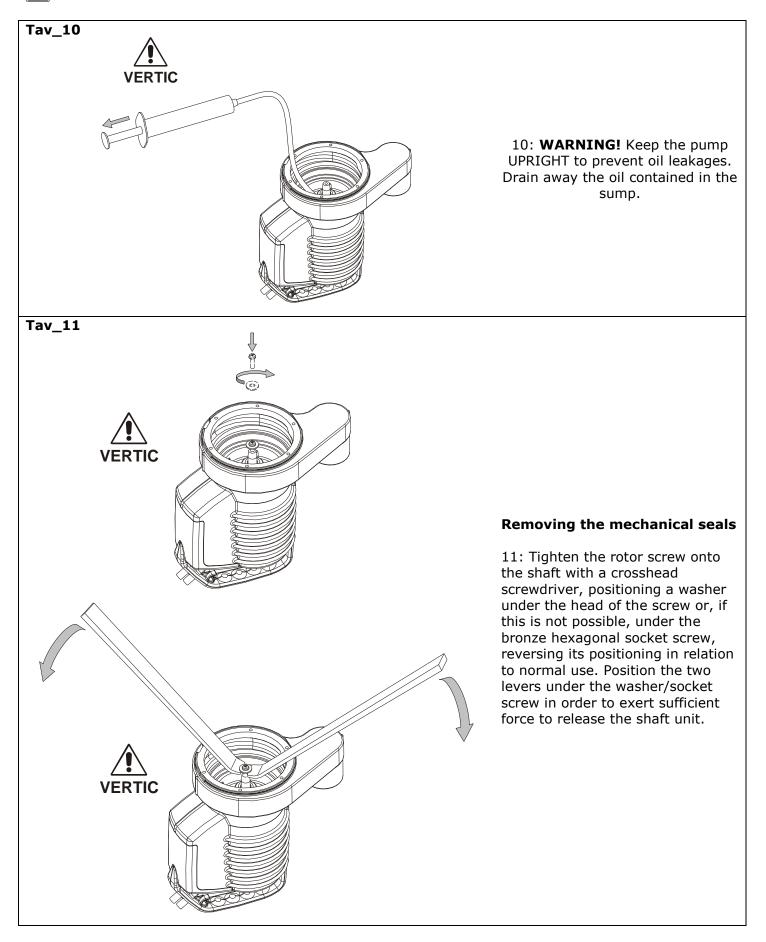


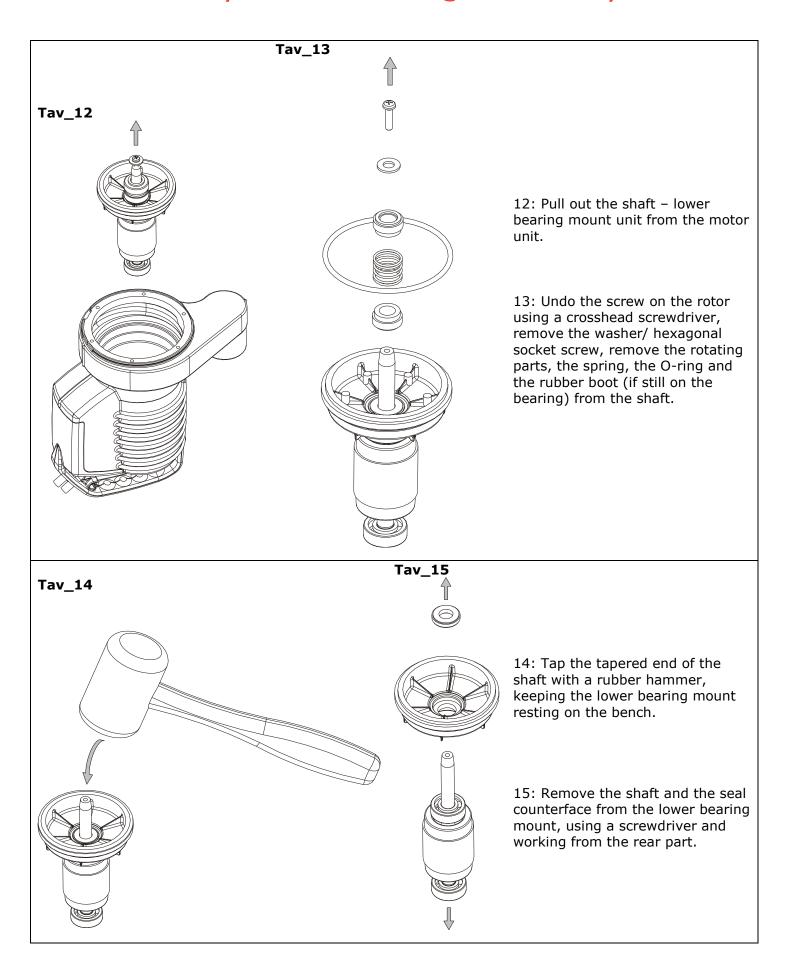




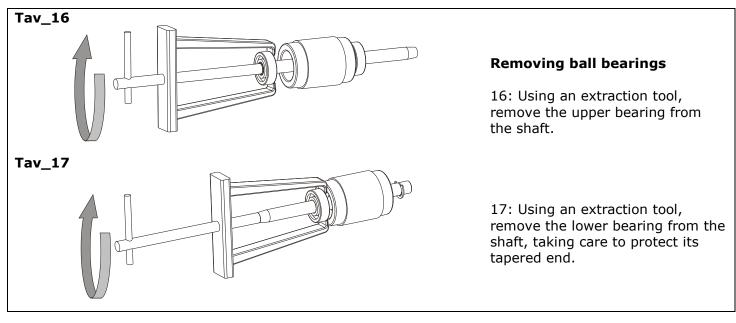


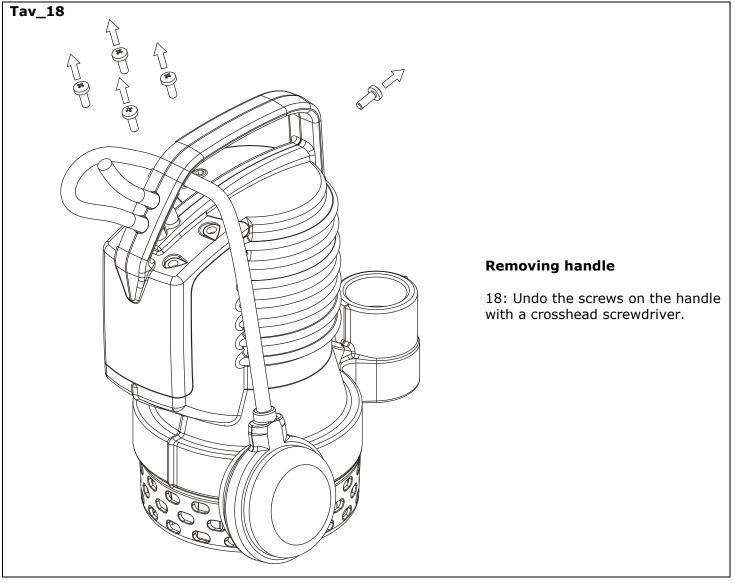


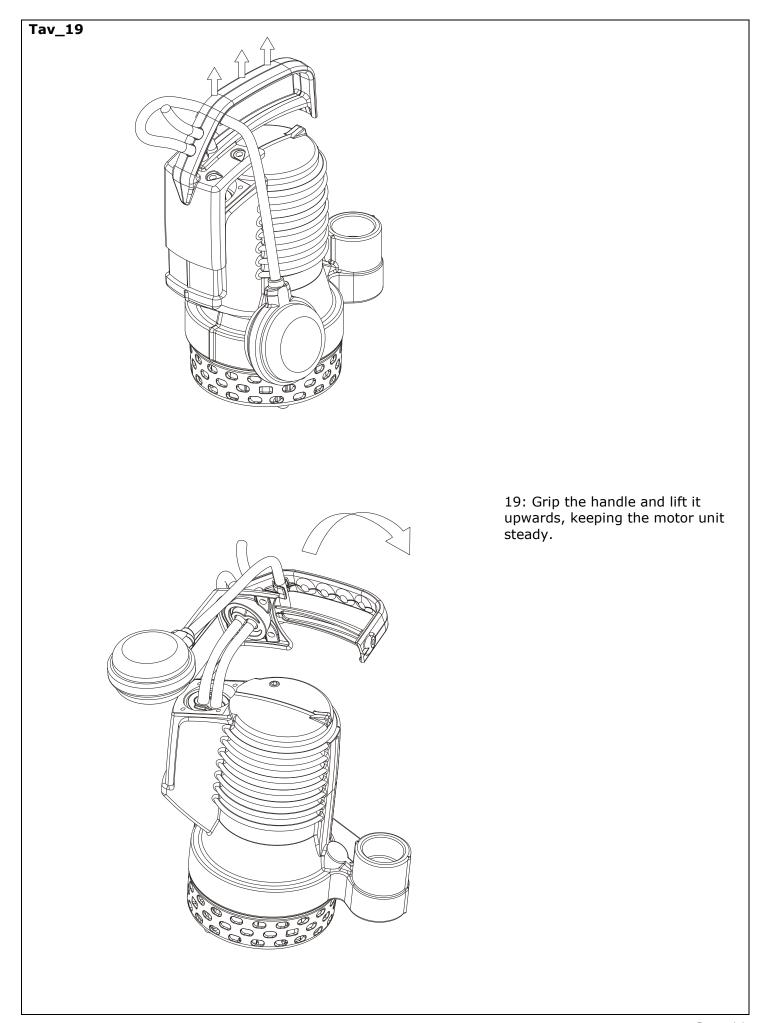




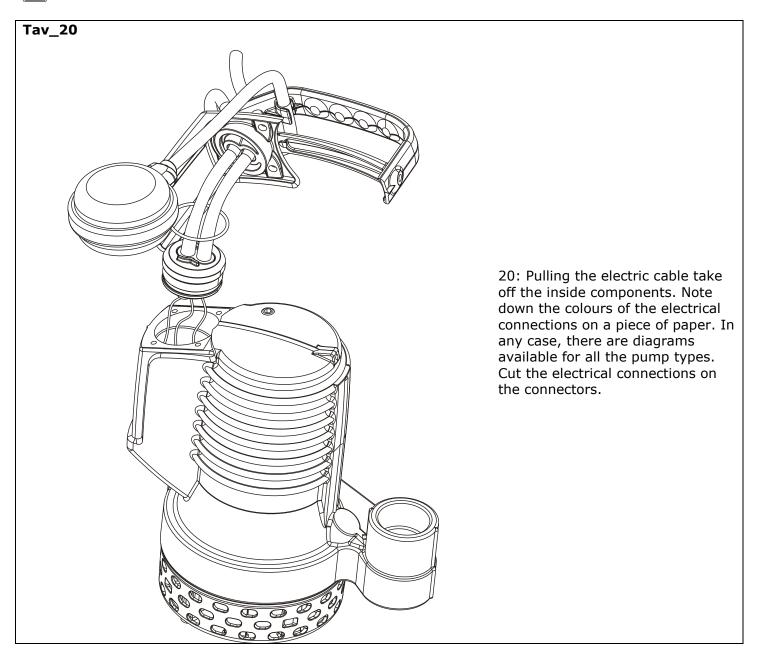


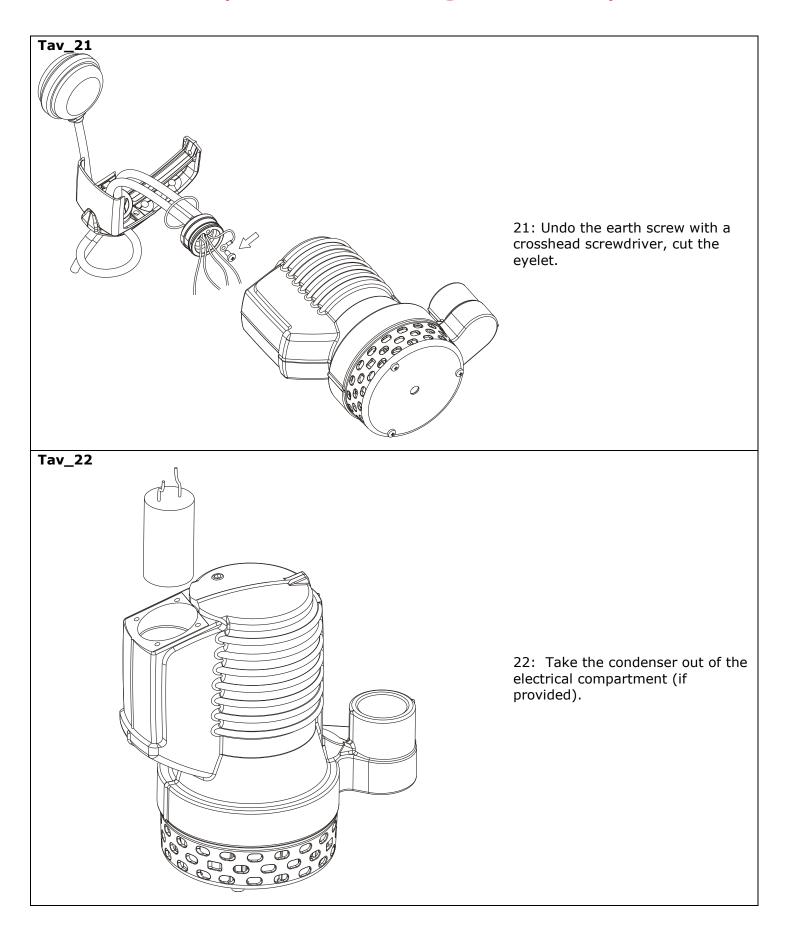




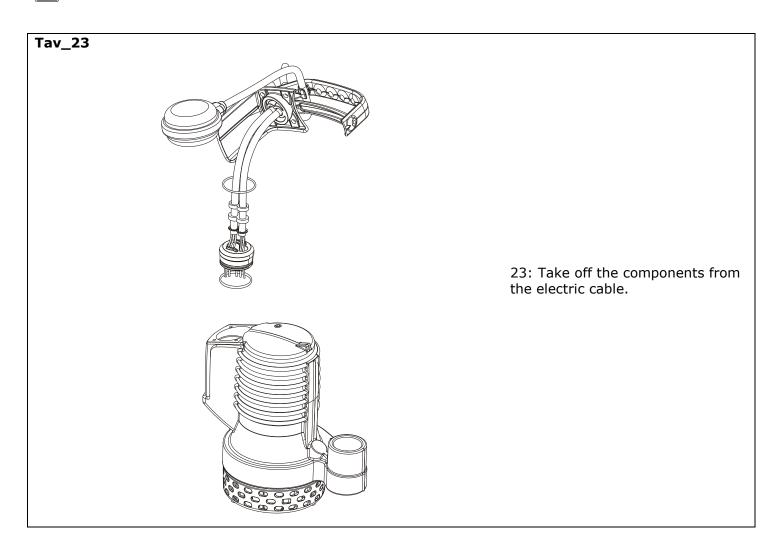


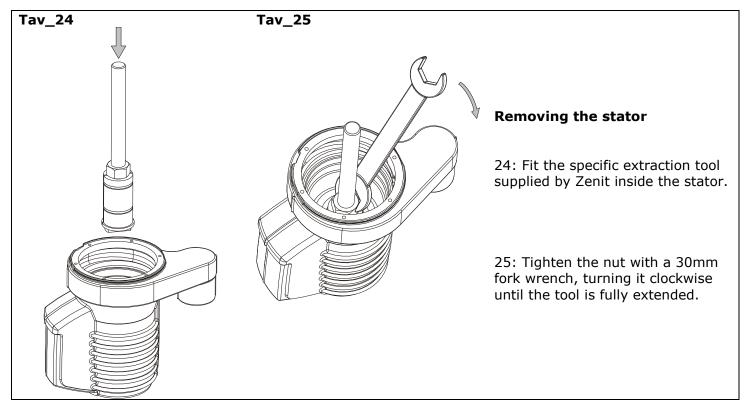


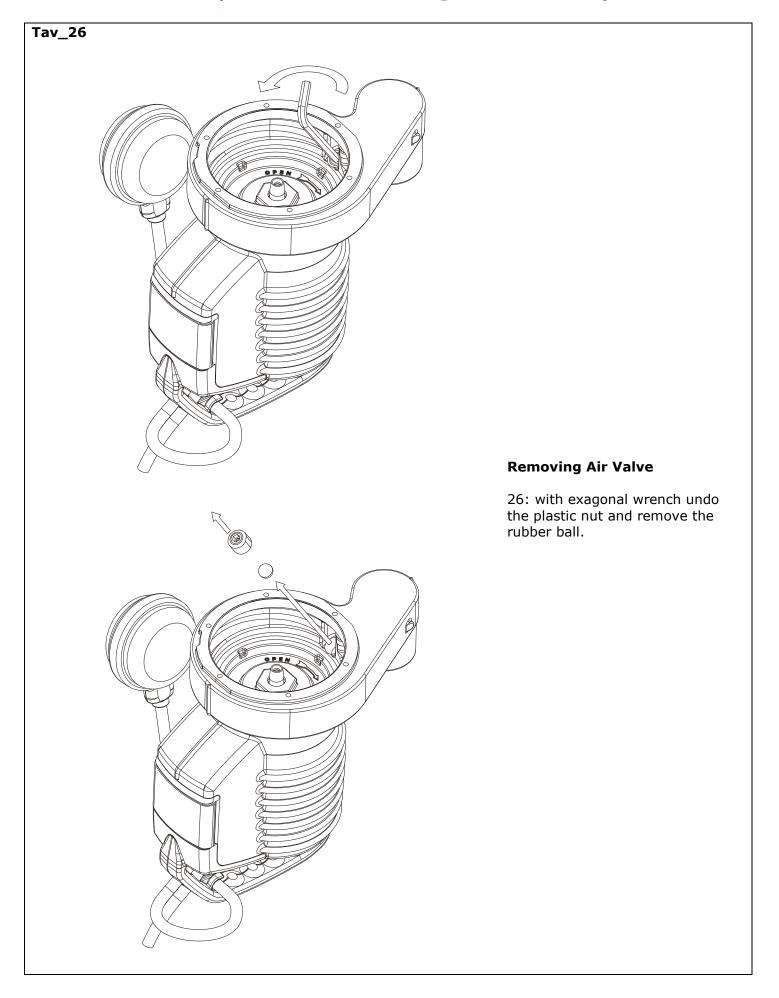




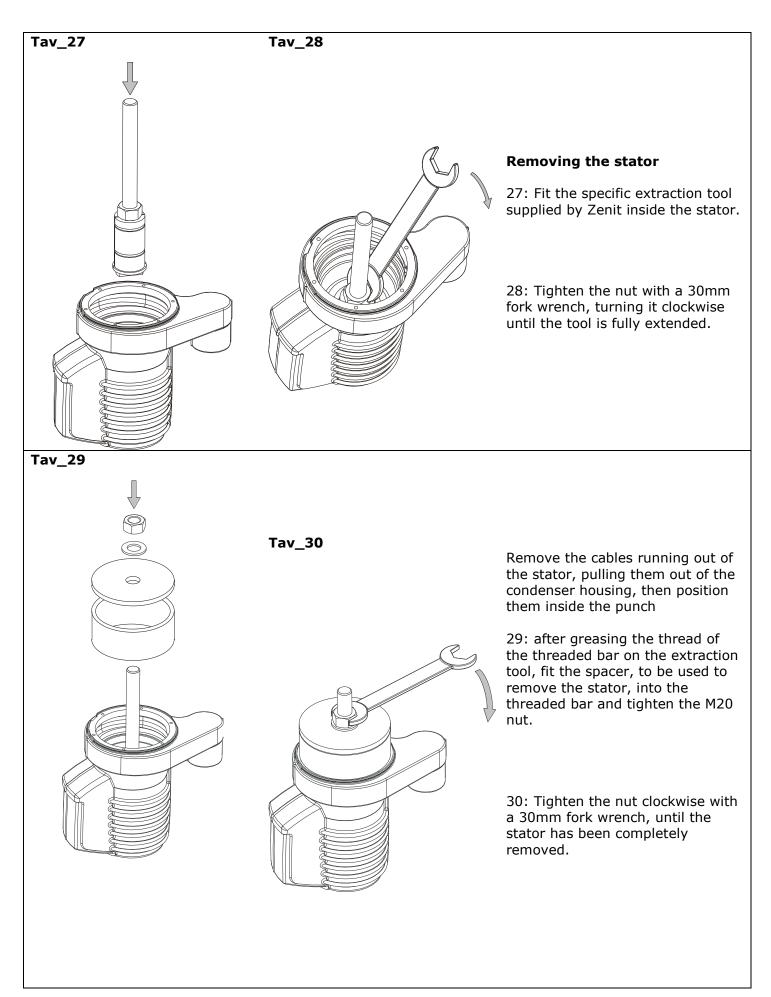


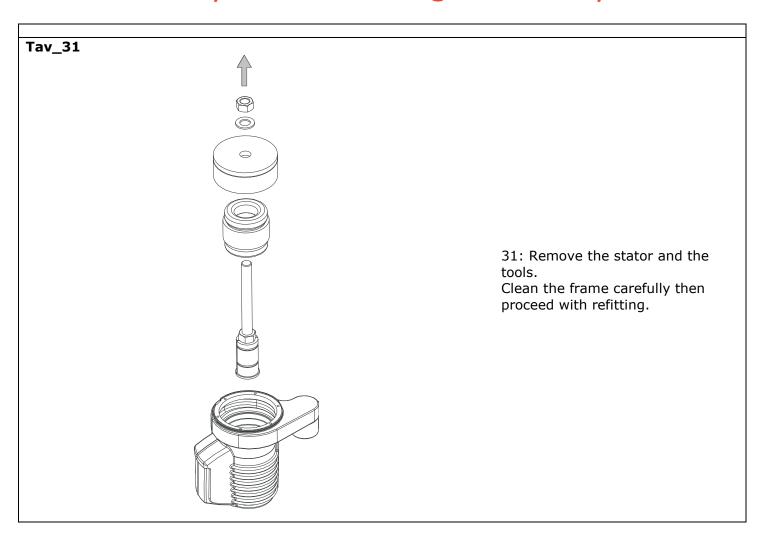






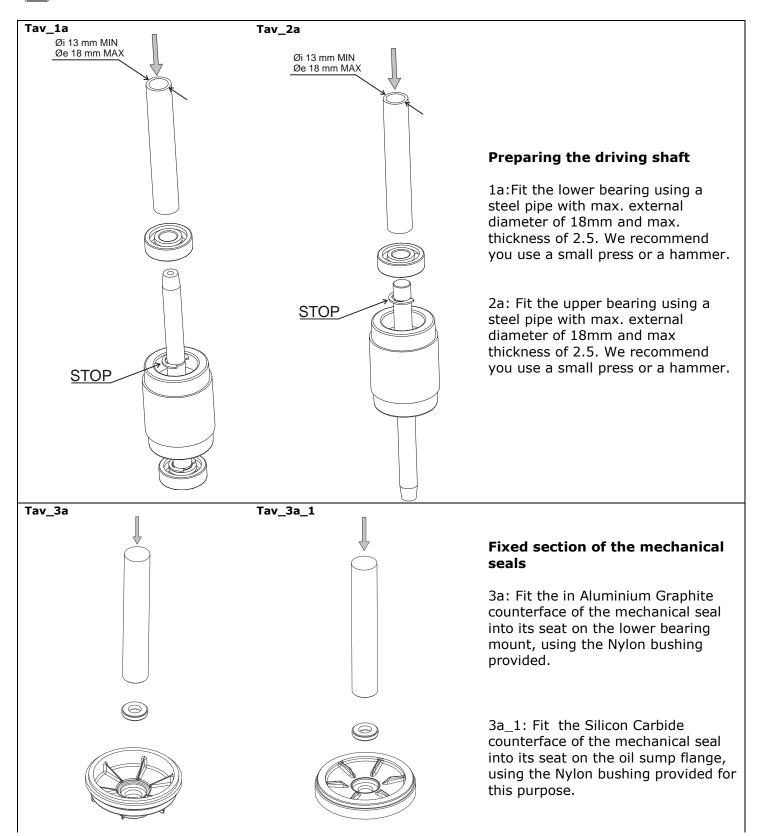


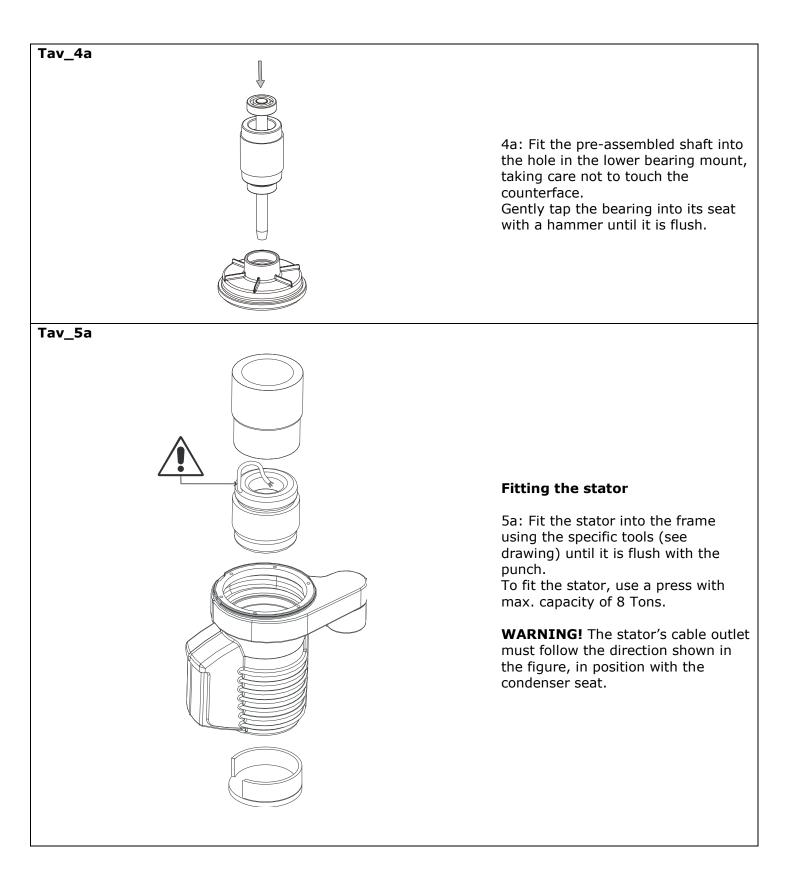




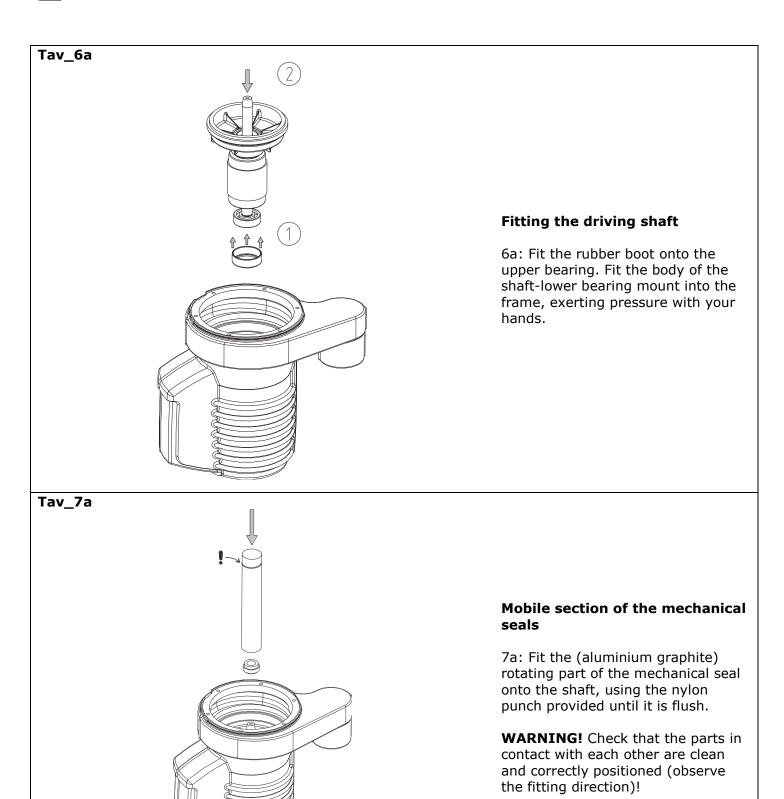
END OF DISASSEMBLING PROCEDURE

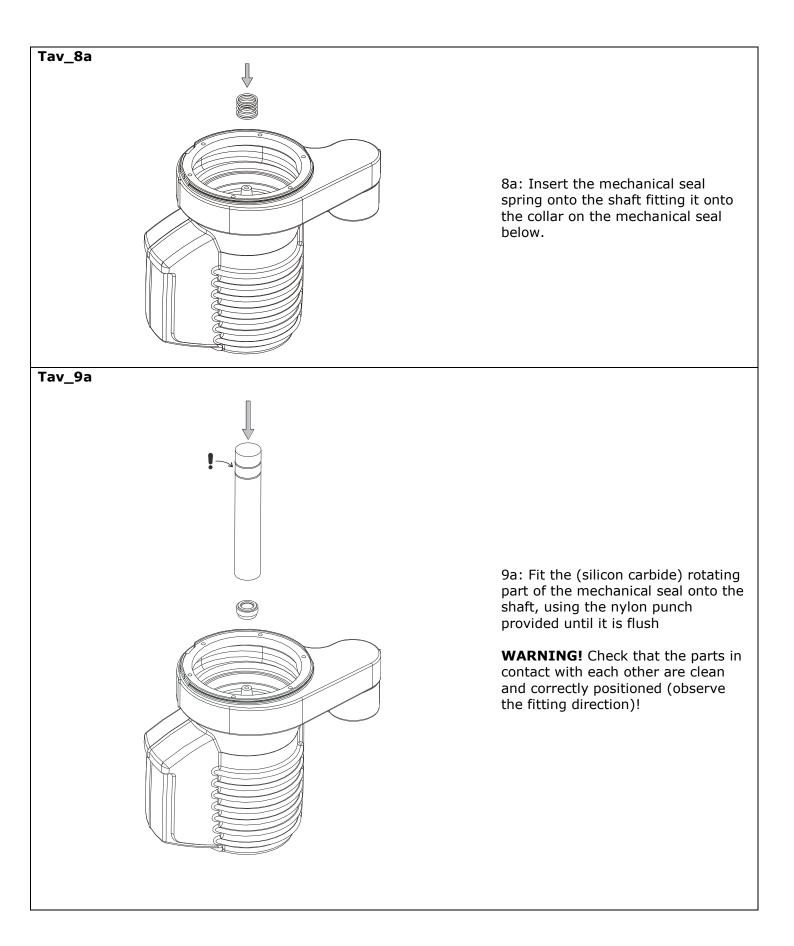




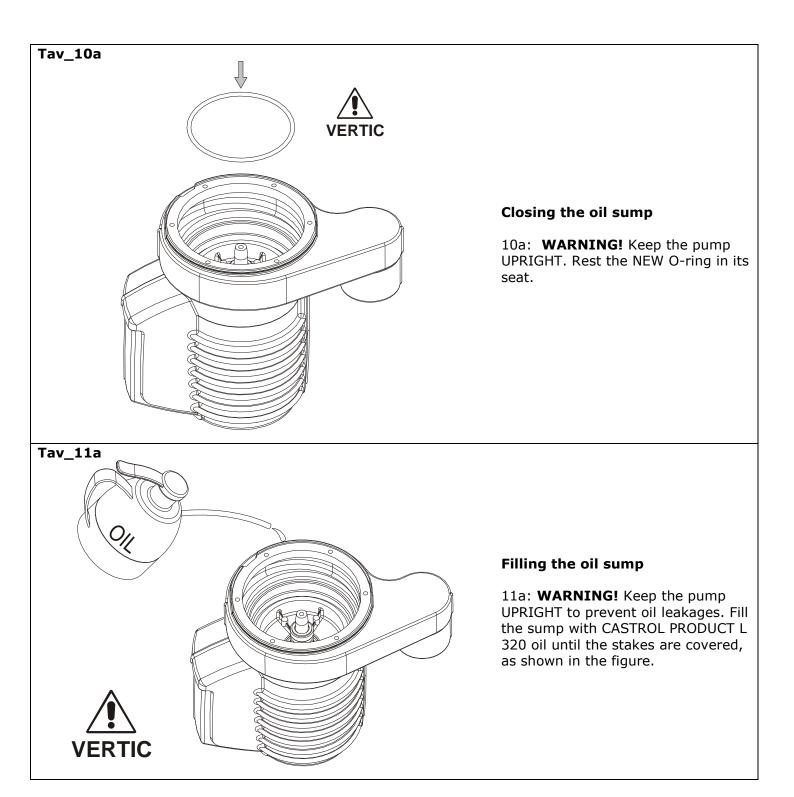


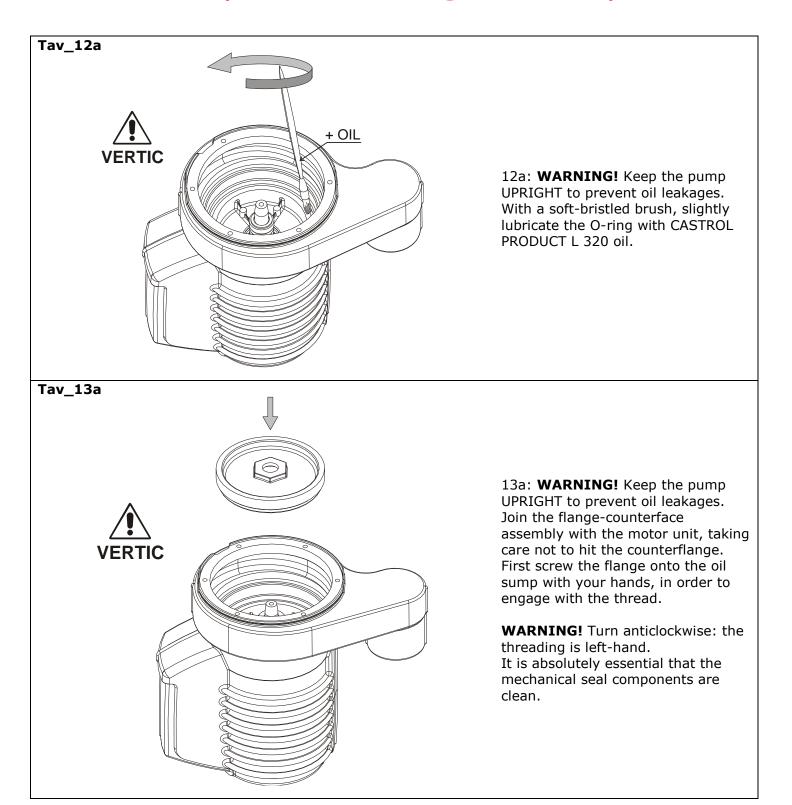




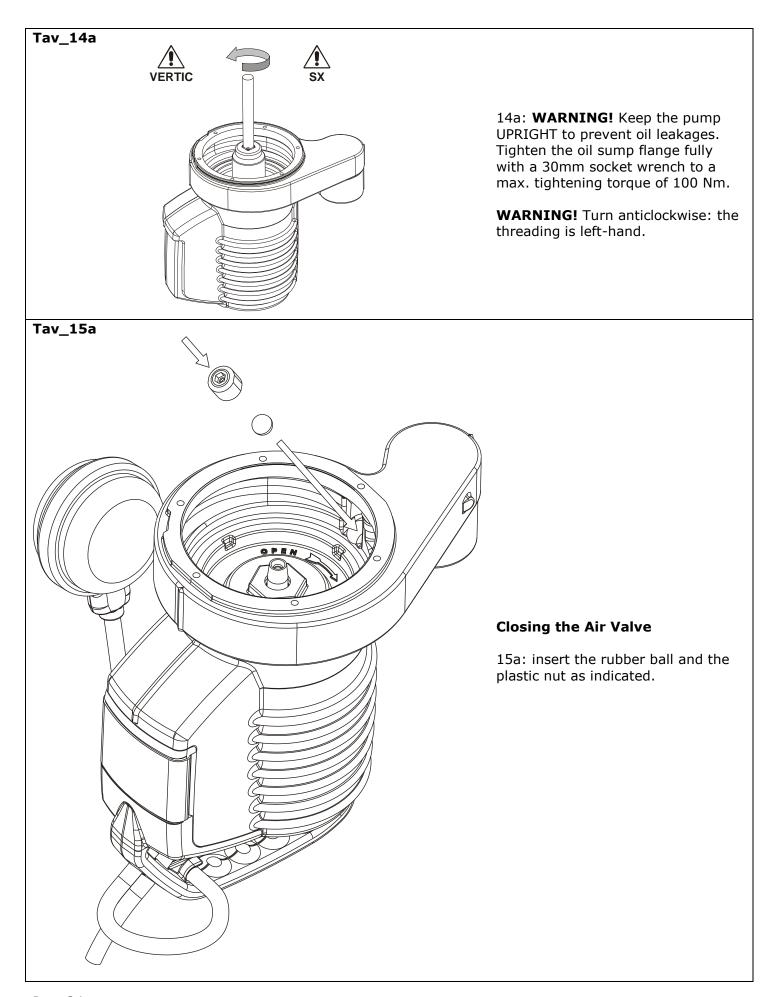


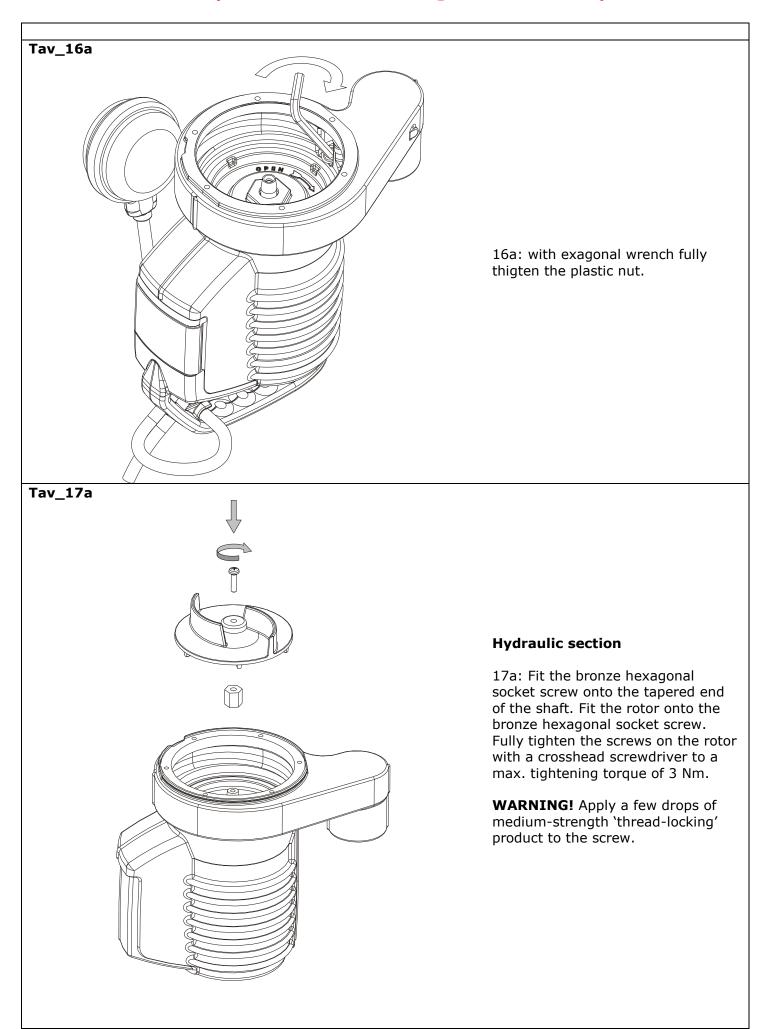




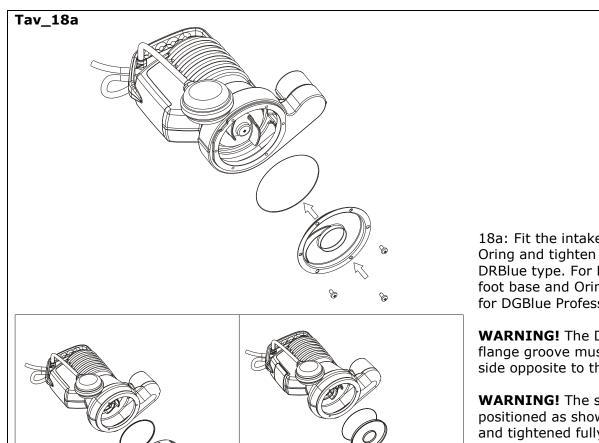












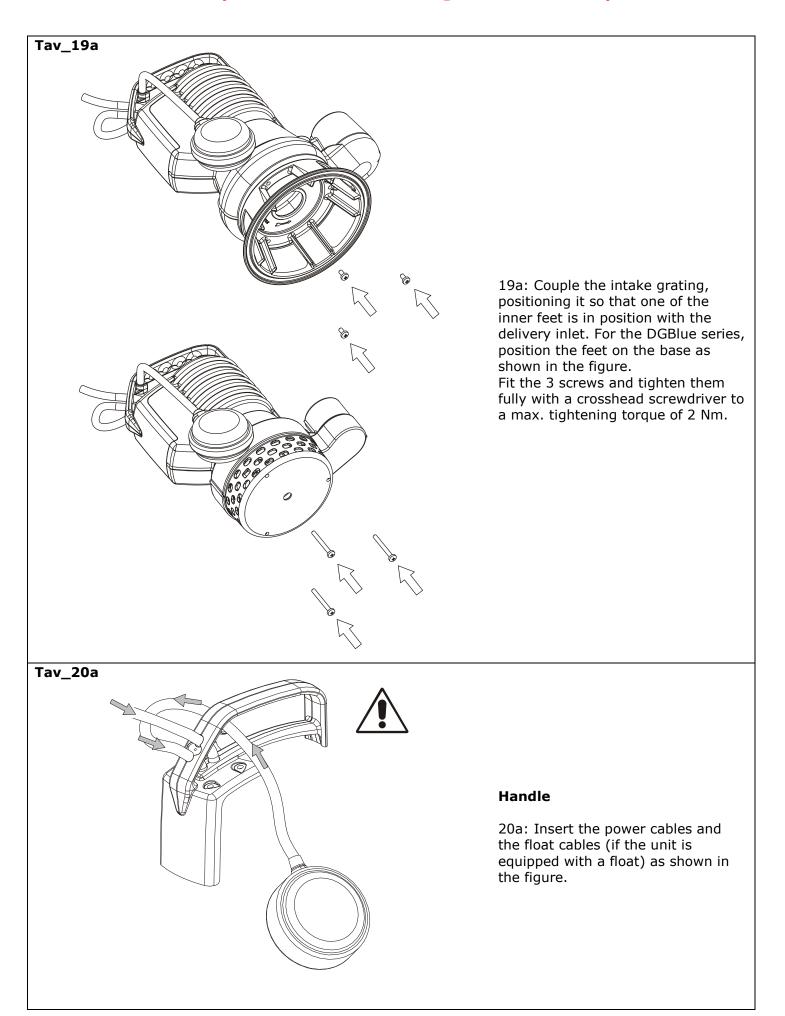
Professional

18a: Fit the intake flange and the Oring and tighten the screws for DRBlue type. For DGBlue type fit the foot base and Oring (and inox flange for DGBlue Professional type).

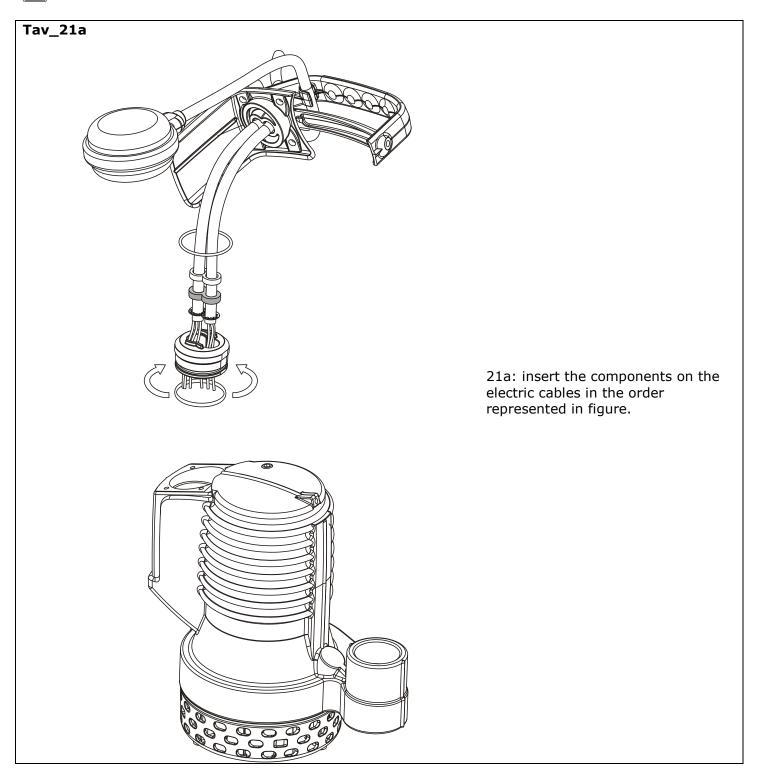
WARNING! The DRBlue intake flange groove must be facing the side opposite to the delivery inlet.

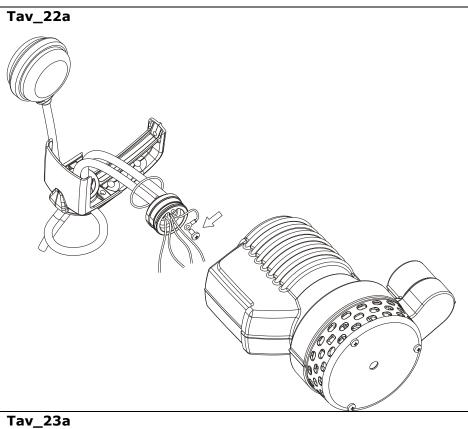
WARNING! The screws must be positioned as shown in the figure and tightened fully with a crosshead screwdriver to a max. tightening torque of 2 Nm.

Standard





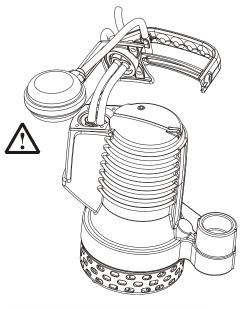




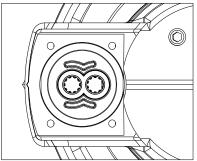
22a: Fit an eyelet for screws with diam. 5 onto the earth cables coming from the float and the power cable.

Position the eyelet on the earth underneath the screw head and tighten the screw on the aluminium support fully, using a crosshead screwdriver, to a max. tightening torque of 3,5 Nm.

Connect the wires as illustrated in the diagram, or according to the positions noted down during removal.



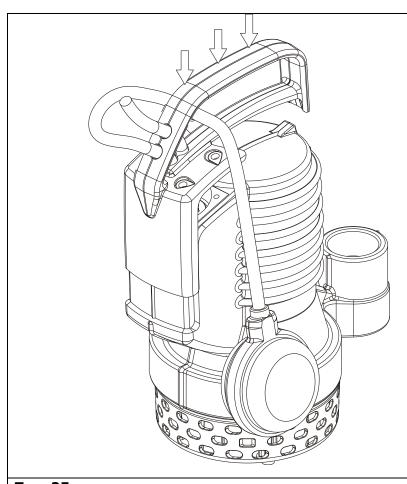
23a: fit the aluminium support/rubber basket/anti-stress cable and cable gland assembly, keep attention on the aluminium support orientation: the short ribs must be positioned toward the pump center.



Tav_24a

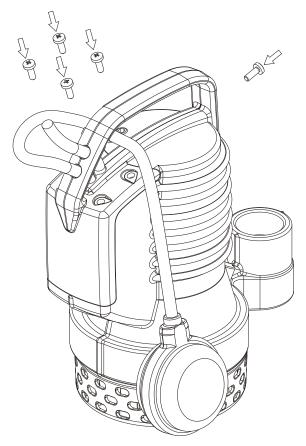
24a: Fit the handle-cable clamp assembly so that it closes up the electric compartment, pulling the





cables slightly outwards to keep the assembly together throughout this stage.

Tav_25a



25a: Insert the screws as shown in the figure. Screw them in with a crosshead screwdriver but do not tighten them fully. Tighten screws fully, working crosswise, to a max. tightening torque of $3Nm \pm 30\%$.

END OF ASSEMBLING PROCEDURE