

Replacing the peristaltic pump

Necessary Tools

- 1 Philips Screwdriver ¼"
- 1 Small flat head screwdriver
- 1 Pump rotor extractor (special tool included with machine)
- 1 Pump clip extractor (special tool included with machine)

Instructions:

WARNING! UNPLUG THE MACHINE FIRST

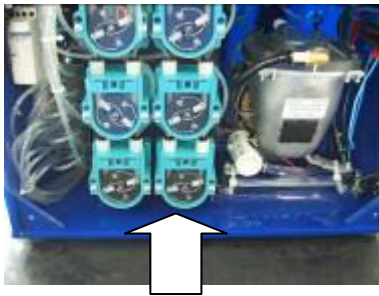
- 1 – Remove the external screws from the back panel of the machine.



- 2 – Carefully remove the back panel using the screwdriver for leverage if necessary.



- 3 – Look for the pump requiring maintenance (in this example we will replace the cyan pump – bottom right).



4 – Release both screws from the clear plastic cover of the pump.



5 – Remove the upper rectangular bar from the pump body (this slides out on black pumps; squeeze green clips to remove on green pumps).

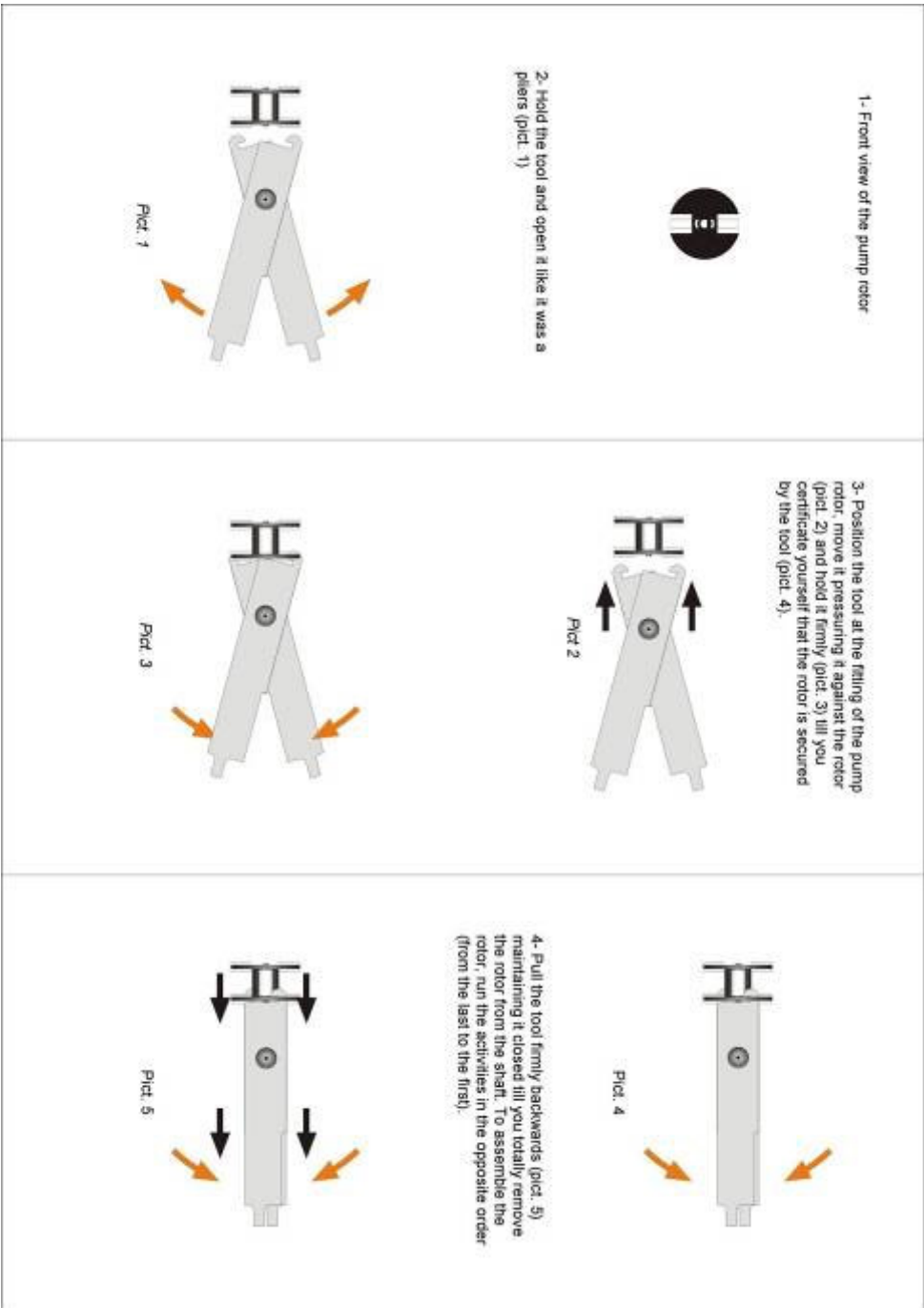


The rotor extractor tool can be used to help squeezing the clips on the green pumps.

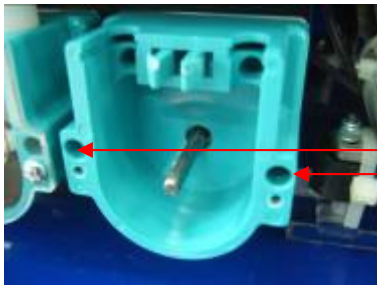
6 – Remove the small “U” shaped clip that locks the pump rotor to the motor axel.



7 – Use the rotor extractor tool to pull the pump rotor off the motor axel. This will require firm but careful force.

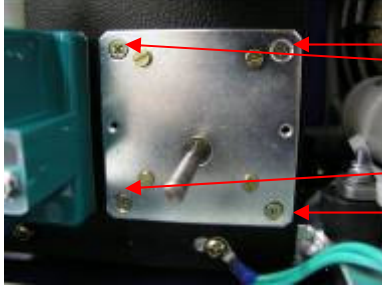


8 – Remove the screws that fix the body of the pump.

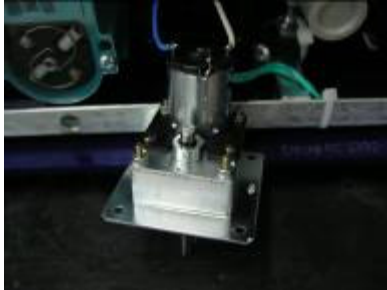


screws

9 – Now remove all four screws that fix the pump to the set of pumps.



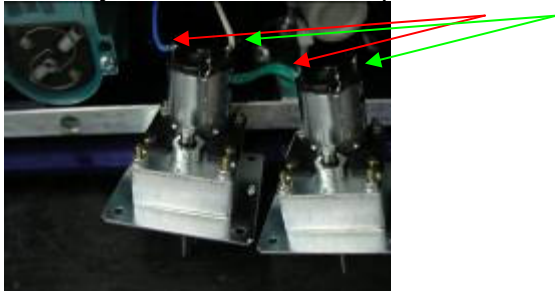
10 – Pull the pump out so you can work with the cables.



11 – Use a weld tool to detach the two cables from the pump.



12 – When replacing the pump attention to the right position of the cables. Try putting both pumps side-by-side and detach one cable at a time; placing the very same at its correct position.



To assemble all devices at their original position follow the steps 11 to 1.