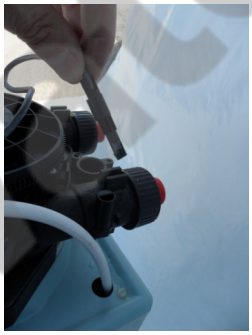
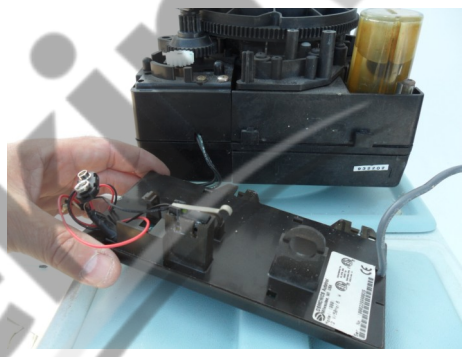
1) Prismertec Flapper Valve Changeover

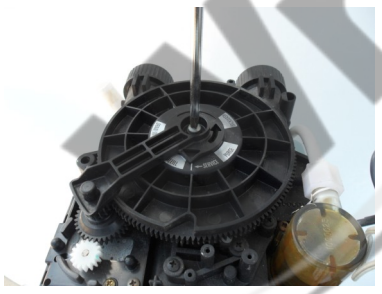
1) Ensure The Water Supply is off, inlet and outlet valves.
Turn off the Power and remove power jack from Control Panel
Press the Cog on the Left Hand Side motor so you can turn the Large Cog anti Clockwise. Turn to the Back Wash Position to release the internal valve pressure

2) Unclip the Turbine Sensor from the rear port. Gently push the clip and it will pull out easily



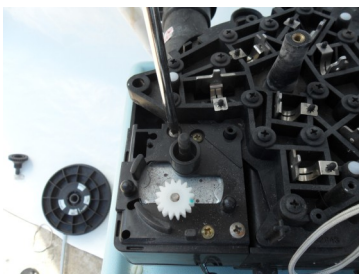
3) Remove the Front Control Panel by pulling forward the two retention clips as



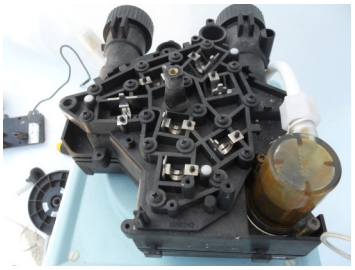


4) Remove Arm to Main Cog by removing central screw and remove main Cog. This will release the spring cog from the motor as below

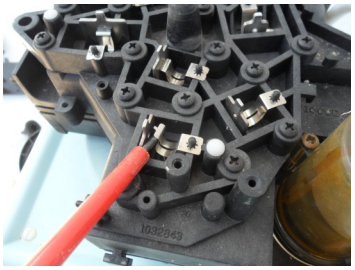
5) Now proceed to remove the motor by removing the two silver covered screws. The Motor and Control Panel can be put to one side leaving clear access to the top plate



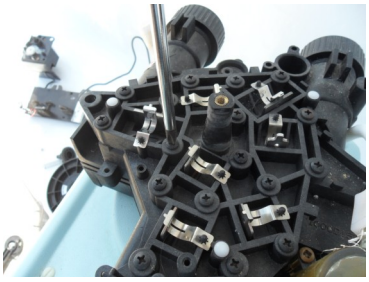
2) Prismertec Flapper Valve Changeover



6) Undo the Connection of the Brine tube to the air-check valve and just push to one side leaving full access to the top plate and springs



7) With a small screwdriver un-hook each of the stainless steel springs. Note some springs will be doubled. i.e. One on top of the other. Do not attempt to remove the springs off their seating pin



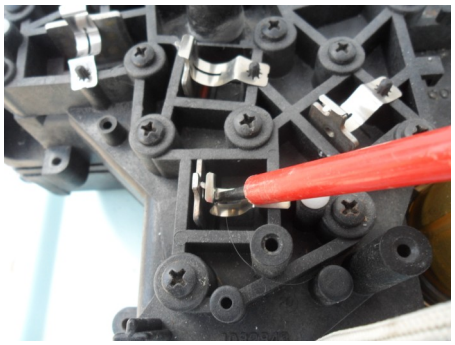
8) Now un-do all of the top plate securing screws. Do not remove the screws as it is best to ensure that the screws go back into the same hole. Not essential but advised so the threads in the plastic moulding beneath are identicle

9) Remove the the top plate and springs and now you have access to the flapper valves

10) Change the Flapper valves over. Check the sockets to ensure they are clean from any sediment. and clean out if necessary. Ensure that each flapper is nicely fitted in the recess

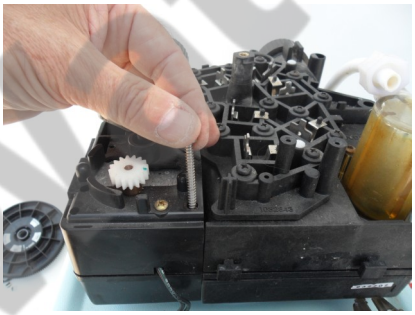
11) Replace the top plate positioning it over the flappers and pressing it down and the secure each screw. Do this randomly and it is a good idea to reverse turn each screw so that the screw drops into the existing thread and tighten. Do not over-tighten

3) Prismertec Flapper Valve Changeover



12) Re-engage each of the springs into the hole in the flapper valve. Ensure these are in and secure. You can test by pushing each of the flapper valves towards the spring and ensure the spring closes the valve after tension is released. As in the picture below

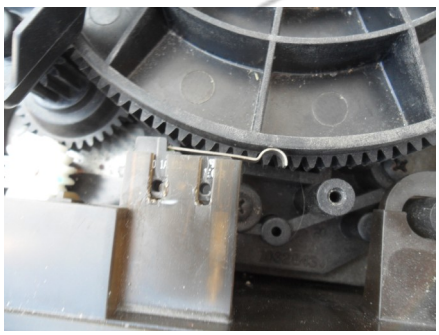
13) Refit the Motor



14) Refit the Spring and Cog

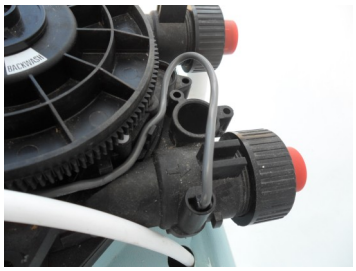
15) Refit main cog and Arm. Do not over-tighten the central screw. Fit the COG so that the pointer of the arm is on BACKWASH

16) Now replace the Control Panel but ensure that the contact switch arm at the back is held in so that it is free of the Main cog and this allows the control panel to clip into place. Be VERY CAREFUL NOT TO BREAK THE CONTACT ARM



4) Prismertec Flapper Valve Changeover

17) Now refit turbine sensor and ensure cable is secured and clear of any moving parts



18) Re-secure the Brine Tube to the air-check valve

19) Turn on the power. The valve will start to rotate and ERR3 will be in the display. When the valve reaches the home/Service Position the clock will return to time of day.
20) Slowly turn on the water supply and check for leaks

Hopefully—ALL DONE