

Service Instructions

At Charles Austen Pumps we recommend Enviro® pumps are serviced every 18 months, service kits for each pump can be purchased from us or one of our distributors.



Unscrew the four corner screws and remove the cover from the air pump.



Unscrew the four corner screws from the chamber cover at one end of the pump. Separate the chamber cover at the seam to expose the screw holding the white round plastic diaphragm depressor in place.



Remove the screw along with the diaphragm depressor, electrostatic membrane and diaphragm. Repeat on the opposite end of the pump.



Link up the diaphragm with the diaphragm frame and position in place.



Gently remove one of the magnet bar ends by pulling it out of the housing, being careful not to scratch or break the housing or magnet bar.



Gently slide in a new magnet bar. Put on the end cap, the first electrostatic membrane, diaphragm, second electrostatic membrane, diaphragm depressor and use single screw to hold in place.



Put chamber cover back and screw four screws in. Repeat with other chamber cover.



Finally, put housing back together.

Our two year warranty cover does not cover diaphragm failures or magnet bars due to being wear and tear parts.

If you are experiencing frequent diaphragm failures, please check for excessive back pressure against the pump. Adding more diffusers, ports, or putting a tee in the line with a ball valve on the third side of the tee should resolve this. Ensure you open the ball valve fully before slowly closing until you find the spot where maximum air flow with minimum back pressure is achieved.

Please contact Charles Austen Pumps on +44 (0)1932 355277 to purchase a service kit or for further help with servicing your pump.