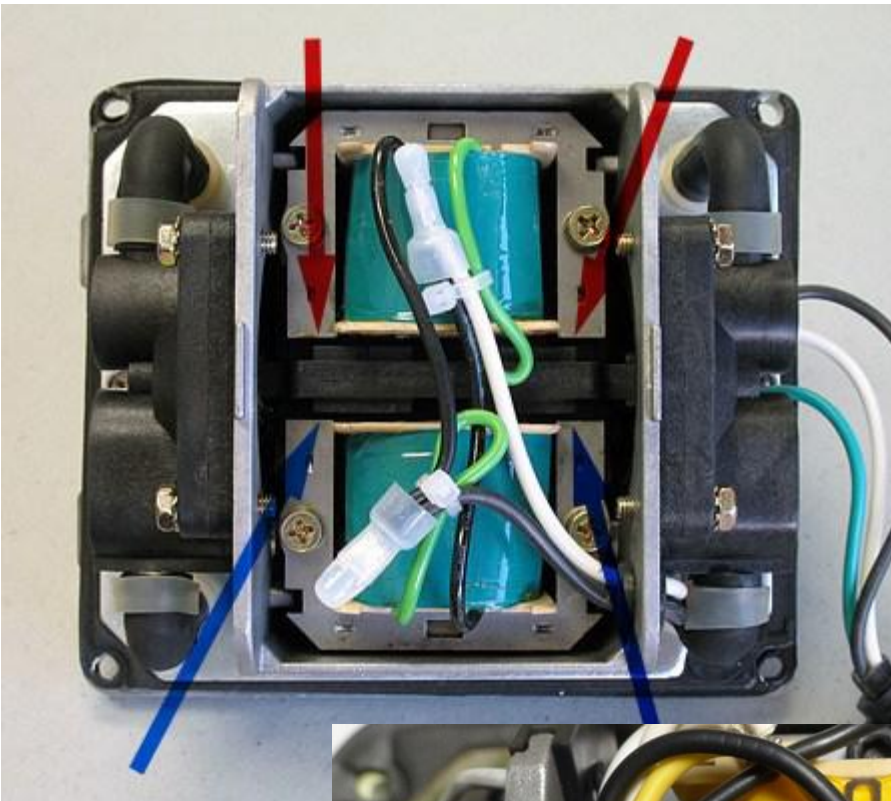


Alita parts to rebuild air pumps are available. The most common issue is a rip or tear in the diaphragms resulting in air loss internally in the pump. You can buy and install a new Diaphragm in your pump to get years of additional service.

If diaphragms are needing to be replaced a lot more frequently than every 24 months, you probably have too much back-pressure on your air pump.

Diaphragm kits (made for each size pump) come with a set of diaphragms, fresh air filters and on applicable models filter cover packing. All diaphragms in a pump should be changed at the same time. Do not mix old and new diaphragms.



You also might need to replace the Magnet Bar. A working Magnetic bar should be in one piece and centered between the two coil windings, NOT TOUCHING in any way. Here is example from a small 10 liter pump and below from 100 liter pump.

Examples of other problems: The rubber elbows between the diaphragm housing's discharge ports and the base chamber may not be hooked up tightly (leak/pressure loss),

the rubber cushion between the core and the base plate could have been pulled during the repair unintentionally (leak/pressure loss). The air manifold/valve or the air diffusers could be clogged causing too much resistances.

