

# ***Linear Piston Air Pump Repair Kit***

***(Part Nos. SL22RK-SL88RK)***



**AQUATIC ECO-SYSTEMS™**

Thank you for purchasing another fine product from Pentair Aquatic Eco-Systems. Inspect the repair kit upon receipt for:

1. Physical damage.
2. Completeness:

	SL22RK	SL44RK	SL88RK
a. Foam Rubber Intake Filter	1	1	1
b. Piston Assembly(s)	1	2	3
c. Rubber Head Gaskets	2	4	6

Call Pentair AES when shipping container appears undamaged and parts are missing. Call the shipper if parts have been damaged in shipment or if container appears to have been opened during shipment and parts are missing.

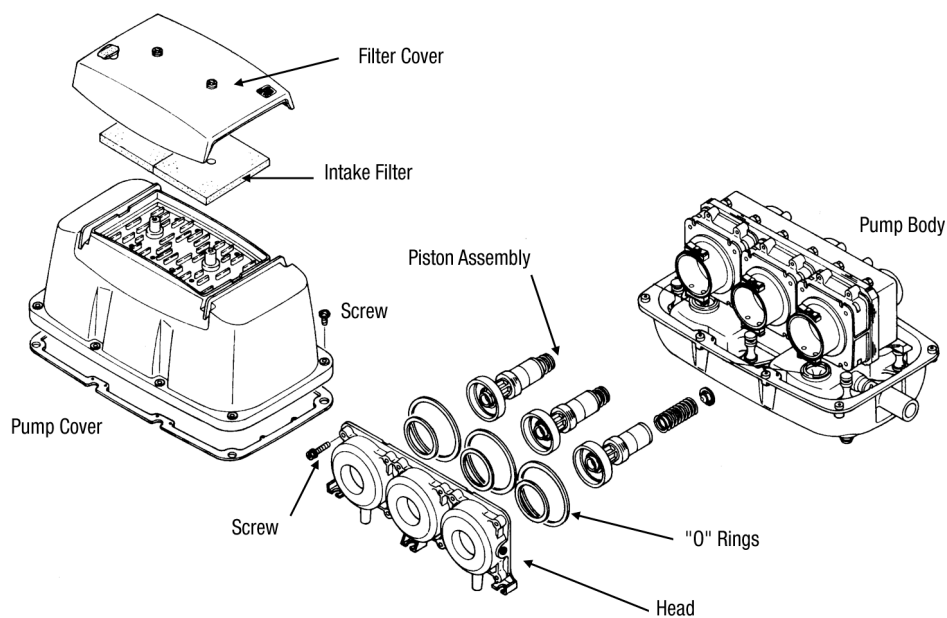
### Tools Required

- Medium phillips or flathead screwdriver.
- Socket set, 1/4" drive.

Check off steps when performed.

- \_\_\_\_\_ 1. Remove power from pump by unplugging power cord.
- \_\_\_\_\_ 2. Using a screwdriver, remove screws and lift pump cover, exposing pump.

### Assembly



**Figure 1**

Pump end with large round circular housing (refer to Figure 1):

- \_\_\_\_\_ 1. Remove the shock mounts, if required, to gain access to head screws.
- \_\_\_\_\_ 2. Using a 5/16" socket from 1/4" socket set, remove pump head screws.
- \_\_\_\_\_ 3. Locate the notch between the pump head and body. Use a flathead screwdriver to separate pump head from pump body. Lift head up and remove.
- \_\_\_\_\_ 4. Remove the small and large round gaskets from the pump head.
- \_\_\_\_\_ 5. Carefully remove piston assembly(s) from pump body. A flathead screwdriver may be needed to assist in removal.
- \_\_\_\_\_ 6. Carefully install the new piston assembly(s) into pump body.
- \_\_\_\_\_ 7. With new gaskets installed in the pump, align pump head to pump body.
- \_\_\_\_\_ 8. Fasten head to the pump. Tighten screws with 5/16" socket.
- \_\_\_\_\_ 9. Reinstall pump cover.
- \_\_\_\_\_ 10. Plug in unit and check for proper operation.

### Air Filter Replacement

- \_\_\_\_\_ 1. Remove screw(s) at top of pump cover, exposing old filter.
- \_\_\_\_\_ 2. Remove old filter and replace with new filter from repair kit.
- \_\_\_\_\_ 3. Reinstall top cover.