

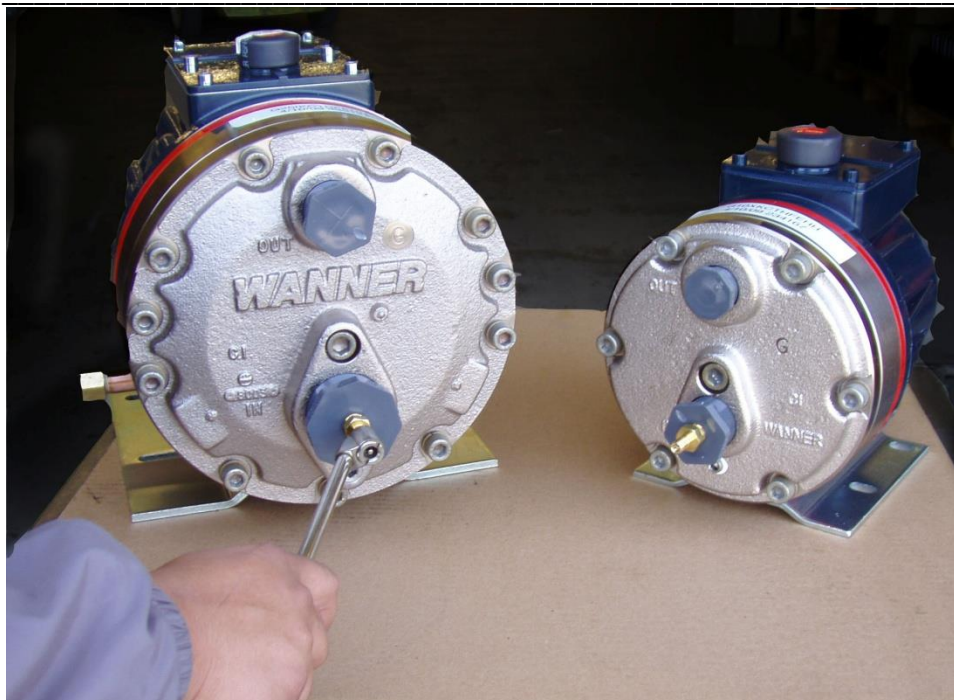
## WANNER Engineering, Inc.

### Kel-Cell Pump Priming - Using Priming Plugs

As the new D/G-10, H/G-25 and D/G-35 Hydra-Cell pumps are fitted with the Kel-Cell technology, there is now a clean and simple way to prime the hydraulic cells.

When the pumps are disassembled and the pumps lose the prime in the hydraulic cells, or if the hydraulic cells have lost their prime for any other reason, there is a simple way to re-prime the hydraulic cells in the pumps. Use PVC pipe plugs in the pump head to hold air pressure on the diaphragms to force the air out of the hydraulic cells and prime the hydraulic end of the pump.

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1. Assemble the complete pump, install valve plate and manifold.
  2. Fill the oil reservoir with proper oil, leave oil fill cap off.
  3. Apply air pressure to the diaphragms in the pump head.
    - a. Install proper size priming plug in the discharge port.
    - b. Install proper size priming plug with air valve in the inlet port.
    - c. Apply 2 to 10 psi of air pressure thru the air valve of the inlet port priming plug.
  4. Turn pump drive shaft 5 revolutions.
  5. Observe small air bubbles coming to the top of the oil in the reservoir.
  6. Continue rotating pump drive shaft until no more bubbles are observed.
  7. Refill the oil reservoir with proper oil and install oil fill cap.
  8. Release air pressure in pump head and remove priming plugs.



**Priming Plugs are available from Wanner Engineering, Inc.**



***D/G-10 Priming Plugs***

A03-100-0000      ¾" NPT  
A03-100-0041      1" NPT w/ air valve

***H/G-25 Priming Plugs***

A03-100-1001      1" NPT  
A03-100-0043      1 ½" NPT w/ air valve

***D/G-35 Priming Plugs***

A03-100-0002      1 ¼" NPT  
A03-100-0044      2 ½" NPT w/ air valve

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