

## Instruction & Assembly

### PowerJak Pump Assist Handle

for F and FP-Series hand pump kits

### UNDERSTAND THOROUGHLY PRIOR TO INSTALLATION

Please read and follow these instructions. The PowerJak lift-assist handle kit connects directly to the hanging bracket that came with your pump. The PowerJak attaches "after" your pump is installed into the well, and properly secured to the well casing.

**Warning: Do not loosen the two factory-installed bolts on the hanging bracket which grip and hold the FloJak pump. Loosening these bolts will risk the possibility of accidentally dropping your pump into the well.**

#### PowerJak Used With Your FloJak Original PVC

In your PowerJak kit you will find a hardware/ parts bag with Allen-wrench, and a heavy-duty pump-handle assembly consisting of (1) The pump handle with foam grips, and (2) The angle-iron pivot bar with two mounting holes on the end.

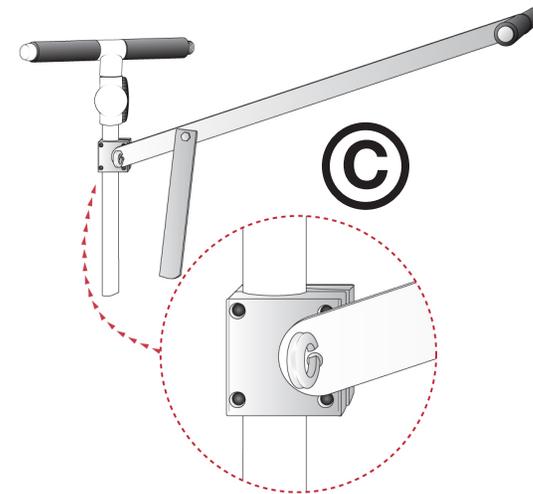
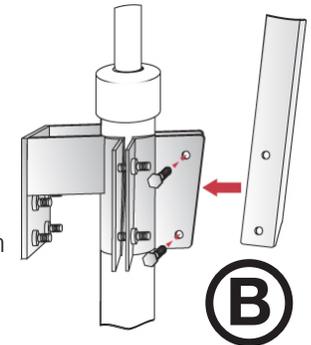
1. Insert the end of the pivot bar (angle iron with two holes) between the mounting tabs on the FloJak pump bracket (see illustration **B**). Align the holes, and secure tightly with 3/8" x 1" bolts. It will only mount one way.
2. Lift your FloJak well pump handle just a few inches higher than the pivot bar, and secure it in place by turning the black-handled valve to the "off" position (horizontal). Turning the valve "off" will water-lock the pump into position while you attach the PowerJak.

While standing with the top of the pivot bar angled toward you, spin the raised FloJak well pump handle so that the black valve-handle points to your right.



#### PowerJak Used With Your Stainless Steel "PLUS" Model, or the Stainless Steel "Removable Handle."

Note-If you have the Stainless FloJak "Plus" pump kit or the "Removable Stainless Handle", the end of your PowerJak attaches to the welded stainless steel tab (see illustration **D** - Use the 1/4-20 x 1.5" eye-bolt, 2 metal washers provided, and wing-nut, with a nylon washer between to reduce friction). Otherwise attach the aluminum clamshell collar (from your PowerJak parts bag) to the 3/4" PVC pump shaft, about 2" below the valve (see illustration **C**). Make sure that the longer/thicker end of the collar (which has a horizontal through-hole) is pointed toward the angled pivot bar. Tighten the collar in place using the Allen wrench provided in your parts bag. With



the nylon washer between the two metal surfaces to reduce friction, mount the end of the metal PowerJak pump-handle to the clamshell collar on the side opposite the black valve handle, with the 1/4-20 x 2 1/2" Eye bolt and locking wing-nut provided.

#### Operation

Twist the valve handle to the vertical position to release the water-locked pump. Then simply stroke the PowerJak at a comfortable pace and stroke-length. Your PVC pump rod will flex some as it is being stroked. That is normal and isn't a cause for concern. When finished pumping, loosen and remove the thumb screw and wing-nut. Allow the pump rod to lower into the well. This is particularly important in freezing weather because the weep-hole is at the bottom of the first 5 foot section, and leaving the pump handle extended raises the weep hole and will expose water in the system to the cold.

