



# CUSTOM PRODUCTS & SERVICES

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## TROUBLE SHOOTING THE HYDRAULIC PINCH-OFF TOOL

### STANDARD PUMP – FOOT PEDDLE ON TOP OF PUMP

#### PROBLEM: PUMP DOES NOT BUILD PRESSURE.

All of our hydraulic Pinch-Off Tools are inspected, tested, and the pumps are calibrated to match the customers tubing prior to shipping. However, it's possible that air may get dislodged or introduced inside the pump or hydraulic lines during the shipping process. If you have made your air connection, attached your hydraulic pressure gauge, hydraulic hose, pinch-off tool handset, and you find the pump will not build pressure when you depress the foot peddle, you should go through the following procedures:

*(Note: These pumps are equipped with an internal air motor. This air motor requires lubrication whenever the pump is activated. Install an FRL (filter, regulator, lubricator) on the air input line, within 15 ft. from the pump. The filter will collect condensation in the compressed air, the lubricator will inject oil into the air line, and the regulator will insure the air pressure feeding the pump is within the required range of 100 – 120 p.s.i.). Air pressure less than 100 p.s.i. could result in damage to the internal air motor. Damage due to low air pressure or lack of lubrication may void the pump warranty.)*

- (1) Place the pump on your workbench top.
- (2) Hold the handset below the table top so it is positioned lower than the pump.
- (3) Cycle the pump for 10-15 seconds, then release the foot peddle.
- (4) Repeat these cycles 8-10 times
- (5) In most cases, this will expel any air trapped in the hose or handset.
- (6) If this does not solve the problem, move on to the instructions below.



- (7) Make certain the nuts on both sides of the pump housing are tight. If these are loose, the internal check valve in the pump may not close or open when the foot peddle is actuated, thereby preventing the pump from building pressure. Put a wrench on both nuts at the same time and tighten (Do not over-tighten).



Note the small vent hole on the end of the pump. If you verified the nuts on the pump rocker switch are tight (step 7), and the pump is still not building pressure, try the following:

- (8) Put a blower nozzle on your compressed air line.
- (9) Hold down the foot peddle and activate the pump.
- (10) Holding the nozzle approximately 6” away from the vent hole, blow air towards the small vent hole for approximately 5 seconds. DO NOT get the air nozzle too close to the air vent as this could cause damage to the internal check valve and bladder. Occasionally, the small check valve behind the air vent will get lodged, and the compressed air directed at the vent will usually dislodge it and allow the pump to build pressure.

If none of these procedures correct the problem, please contact Custom Products & Services, Inc. or go to <http://www.enerpac.com/en/contact-us> for the name of your local Enerpac service center. The Enerpac pumps that we provide are warranted by Enerpac (not Custom Products & Services, Inc.) and must be serviced by an authorized Enerpac service center to maintain the warranty. You may also return the pump to Custom Products & Services, and we will have the pump serviced at our local service center.

If you need assistance, please contact us at 888-444-1202 (M-F, 8:00 AM – 4 PM CST)