



CUSTOM PRODUCTS & SERVICES INC.
6286 Claude Way E., Inver Grove Heights Mn, 55076
PH: 888-444-1202 (Toll Free) or 651-452-0113 Fax: 651-452-2264
E-MAIL: Info@custom-products.com
Website: www.custom-products.com
"YOUR SOURCE FOR WORKPLACE SOLUTIONS"

ADJUSTING HYDRAULIC PRESSURE
STANDARD PUMP – FOOT PEDDLE ON TOP OF PUMP BODY



All of the hydraulic Pinch-Off Tools are inspected, tested and pressure calibrated to match the customers tubing prior to shipping. However, if your application or tubing material has changed since your tubing was tested by CPS, you may need to adjust the pump hydraulic pressure (up or down) to achieve complete tube separation and hermetic seal. The procedure detailed below will allow you to alter the output hydraulic pressure on this specific pump. [NOTE: Prior to changing the pump pressure, we suggest you contact CPS to review the issues you are having so we can provide you with the safe pressure levels based upon the pinch off tool handset that you are using. Excess hydraulic pressure can and will damage or break the pinch off jaws.](#) These pumps are capable of producing up to 10,000 psi hydraulic pressure, which is far beyond the SAFE operating pressure for these tools. Proceed with caution when altering the hydraulic pressure beyond that which was established prior to shipping the tool.



Locate the small plastic cap on the foot peddle pivot bolt



Remove the cap to expose the Allen set screw inside



Insert a 1/8" Allen wrench to adjust the set screw. Clockwise will increase pressure / Counter-Clockwise to reduce pressure.

NOTE: Contact CPS before resetting your pump to avoid tool damage. When increasing the hydraulic pressure, watch the pressure gauge and activate the pump until it comes up to full pressure. Slowly turn the set screw clockwise and watch the pressure increase on the gauge. Very small adjustments are needed. Increase the pressure in 200 psi increments and then test the tool with your tubing to determine if clean tube separation occurs. Continue this process until tube separation is achieved. Maximum SAFE hydraulic pressure can differ depending upon the tool you are using. To reduce pressure, do NOT activate pump....turn set screw counter-clockwise in small increments, then activate pump to verify the pressure. Repeat as needed.