

Auto-Return Pressure Adjustment

This bulletin covers all Champion Power Equipment log splitters with the threaded plastic cap on the end of the control valve assembly.

Proper Function:

When the Control Lever is moved to the Retract position, it can be released and will stay until the Wedge has fully retracted.

When fully retracted, the pressure in the Valve builds quickly and reaches the set-point of the Auto-Return Adjustment. Then the Control Lever automatically shifts to the Neutral position.

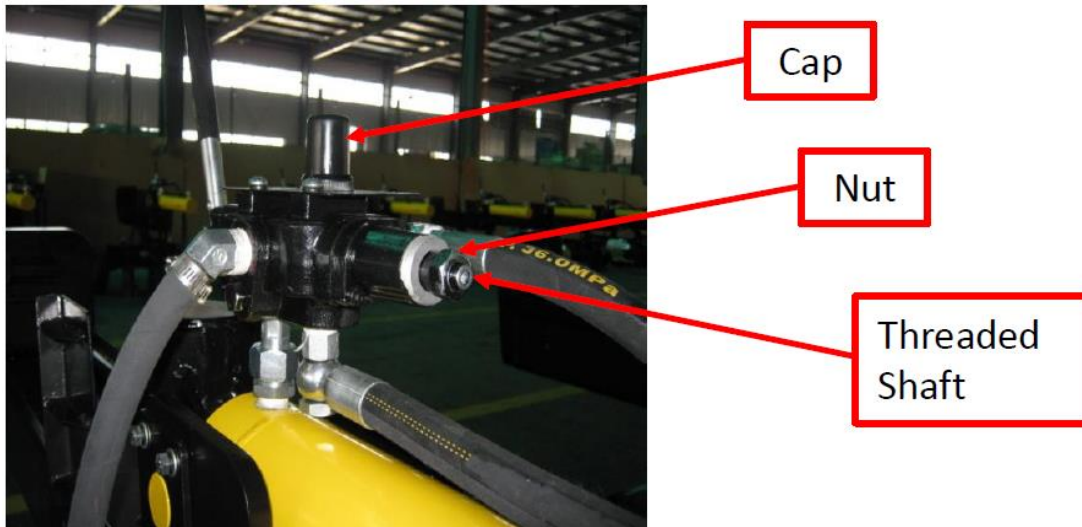
Possible Problems:

If the Wedge stops before it is fully retracted, the Auto-Return Pressure Adjustment is set too low. Follow the steps below to increase the Auto-Return Pressure Adjustment.

1. Unscrew plastic cap from end of Control Valve by hand (side opposite the Control Lever).
Cap shown sitting on top of Control Valve.
2. Insert an allen wrench (hex key) into the recess of the threaded shaft.
3. Use a wrench to break loose the Nut (turn it counter-clockwise)
4. Tighten the threaded shaft ¼ turn (clockwise) to increase the Auto-Return pressure.
5. Hold the threaded shaft in place so it does not turn, and tighten the Nut to lock it in position.

If the returning Wedge is damaging the Wedge bolt or Adjustable Stop Pin, the Auto-Return Pressure Adjustment is set too high.

Follow the same steps above, except turn the threaded shaft counter-clockwise ¼ turn to decrease the Auto-Return pressure.



If you have any questions, please contact Champion Power Equipment:

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