

Quick-Lift Valve Operation

This might be of help (Looking from the front)

Far Left is Overload. Middle is working valve (Check Valves). Far Right is the "Quick Lift" Valve. What is its current setting? Double-check the valve components to make sure nothing is missing. Generally it will work at any setting (Unless it is completely backed off) if the valve components are correct. **WARNING:** If you compress it too much it will destroy the Quick Lift O-ring or tube. There is a Sweet spot.

Assemble the parts as they were removed, making sure all the parts are seated in the spring, upon reassembly. I use a dab of bearing grease to hold them together when dropping them into the hole.

Left valve ---> overload tighten the inner screw down all the way and back it off roughly 1-1/2 - 2 turns. The outer cover just needs to be tight.

Middle valve ---> just tighten it down all the way. It is sealed by the o-ring.

Right valve ----> quick lift adjustment, start out loose and slowly tighten the plug (which compresses the spring against the upper ball) and pump the handle until you get some feedback on the quick lift side. When the system is operating correctly you should get a full lift with 1 stroke (off of load). Be careful not to over-tighten this adjustment otherwise it will force pressurized oil into the quick lift tube and rupture the seal and/or the tube, versus bypass, as is the intention.

