

ADJUSTING THE PRESSURE-ACTUATED UNLOADER Pulsar/VRT3 and all Pressure Trapped

1. THE ADJUSTING NUT IS TIGHTENED TO INCREASE BYPASS PRESSURE AND LOOSENED TO DECREASE BYPASS PRESSURE.
2. START WITH THE MACHINE OFF AND THE ADJUSTING NUT LOOSENED (NO TENSION ON THE SPRING). MAKE SURE THE SPRAY TIP IS CORRECT FOR THE VOLUME (GPM) AND OPERATING PRESSURE (PSI).
3. INSTALL A PRESSURE GUAGE ON PUMP DISCHARGE SIDE OF THE PUMP HEAD, OR AT THE OUTLET WHERE THE PRESSURE WASHER HOSE ATTACHES.
4. START THE MACHINE WITH THE TRIGGER GUN CLOSED, THE UNIT WILL BYPASS ALL THE WATER FLOW FROM THE UNLOADER VALVE TO THE PUMP INLET.
5. WITH THE MACHINE RUNNING AND THE TRIGGER GUN NOW HELD OPEN, ADJUST THE UNLOADER ADJUSTING NUT UNTIL THE MACHINE REACHES THE CORRECT OPERATING PRESSURE PER THE MACHINE SPECIFICATIONS (GPM AND PSI).
6. PULL AND THEN RELEASE THE TRIGGER GUN SEVERAL TIMES, WATCHING THE GUAGE AND DETERMINE THE SPIKE PRESSURE IS NO MORE THAN 200 PSI ABOVE THE OPERATING PRESSURE. ADJUST AS NECESSARY. TIGHTEN THE LOCK NUT TO MAKE THE ADJUSTMENT PERMANENT.
7. MAKE SURE THE SPRAY TIP IS CORRECT. REMEMBER TO ADJUST THE PRESSURE SPIKE TO NO MORE THAN 200 PSI OVER THE OPERATING PRESSURE.
8. TIP CHANGES – A GREEN SPRAY TIP ONLY INDICATES THAT IT IS A 25 DEGREE TIP. THE TIP SIZE IS THE IMPORTAN INDICATOR. A 5.6 GPM MACHINE AT 3500 PSI REQUIRES A # 6 TIP SIZE. THE TIP SIZE IS LASER CUT BELOW THE COLOR CODED PLASTIC NOZZLE PROTECTOR. A **2506** IS CORRECT FOR 5.6GPM@3500PSI.