

INSTRUCTIONS FOR ADJUSTING A.R. VRC

Please follow these easy steps to adjust the pressure. We recommend this procedure be done by a qualified high pressure pump service technician. **Failure to properly adjust can cause serious damage to equipment and body.**

Step 1: Remove cap (pos 1).

Step 2: Remove the stainless steel adjustment lock nut (pos 2) with 4mm allen.

Step 3: Remove the nylon lock nut (pos 3) with 10 mm socket.

Step 4: Unscrew the black knob (pos 4) off the stem (pos 15).

Step 5: Lift off the spring (pos 8) and washer (pos 5).

Step 6: You will see 2 jam nuts (pos 9). Set and lock them 3 to 4 threads from the bottom of the threaded part of the stem (pos 15).
***This is a general setting to prevent high pressure spikes/overpressurization and may need to be adjusted depending on the system.**

Step 7: Reinstall spring (pos 8) and washer (pos 5).

Step 8: Reinstall black knob (pos 4) and screw down until it makes contact with the spring/washer (pos 5 & 6).

Step 9: reinstall the nylon lock nut (pos 3) and screw down just until the tip of the stem (pos 15) pokes through the nut.

Step 10: Connect the high pressure hose and gauge.

Step 11: Connect the water supply.

Step 12: With the spray tip in place and trigger gun open start the machine, slowly turn the knob (pos 4) clockwise until target pressure is achieved on the gauge, release the trigger gun and check the lockup pressure on the gauge to make sure there is minimal spike 300-400 PSI above operating pressure when the trigger gun is open.
 Re-adjust slightly +/- if needed.

Step 13: Shut the machine down.

Step 14: Hold the black knob (pos 4) in position. Reinstall the stainless adjustment lock (pos 2). Screw the adjustment lock down firmly against the tip of the stem.

Step 15: Reinstall the black cap (pos 1) in the top of the handle.

NOTE: Now pressure can be decreased by turning black knob (pos. #4) counterclockwise, but the pressure cannot be increased to a rating higher than was set.

MOUNTING BOLT TORQUE SPECIFICATIONS

Inlet	354 in/lbs	30 ft/lbs
Discharge	265 in/lbs	22 ft/lbs

