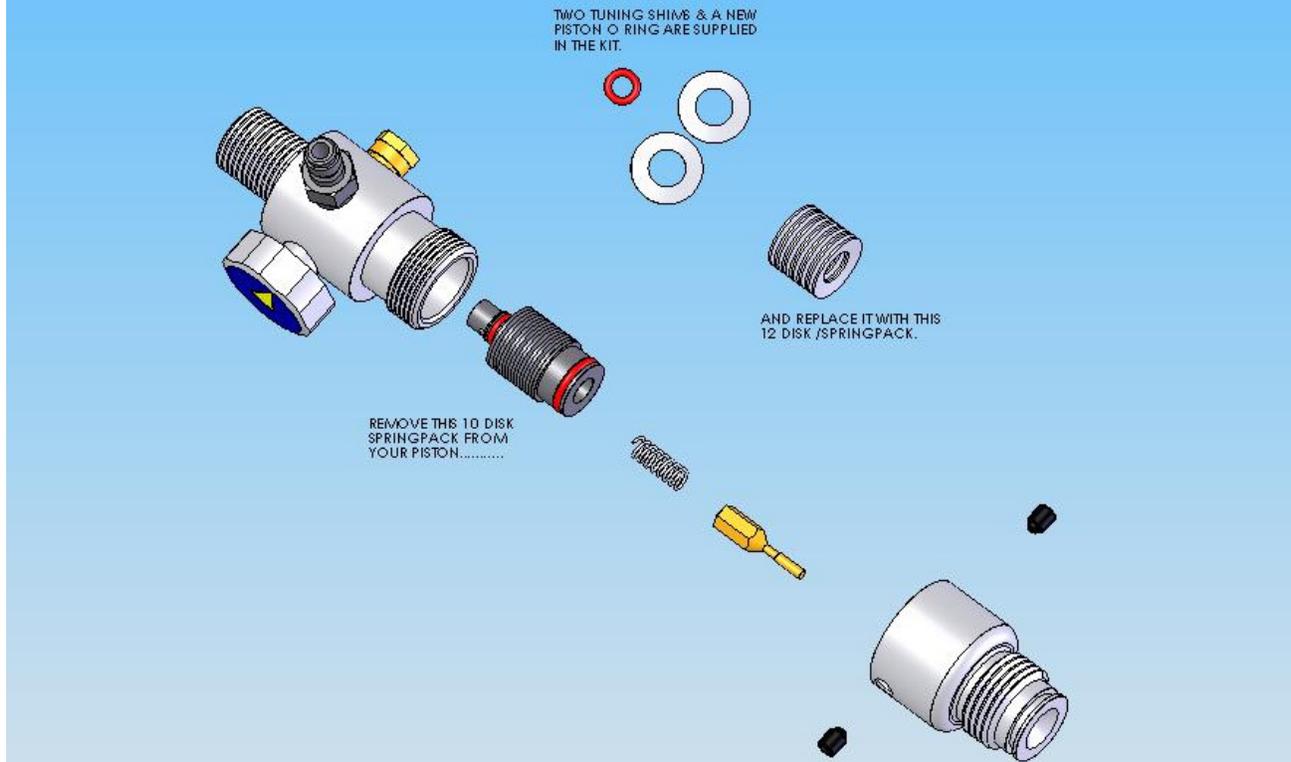


LOW PRESSURE SPRINGPACK INSTALLATION



The installation of the of the Low Pressure Springpack is simple and requires only a 3/32" Allen wrench.

BEFORE PROCEEDING, MAKE SURE YOUR SYSTEM HAS BEEN COMPLETELY DEGASSED VIA THE OUTPUT PIN VALVE, TO INSURE THAT NO TRAPPED COMPRESSED GAS IS PRESENT!

- 1) Remove the two set screws that lock the Bonnet (the top portion of the regulator) to the Reg Body.
- 2) Unscrew the Bonnet from the Reg Body. (It has counter-clockwise threads.)
- 3) Being careful not to lose the brass Output Pin Valve or it's spring, pull the Piston/Springpack assembly out of the Bonnet.
- 4) Remove any factory adjustment shims from the Reg Body that may be present. Store them with your original Springpack assembly in case you ever wish to return your regulator to the normal output pressure range.
- 5) Remove the original 10 Belleville springs from your Piston Assembly, and replace them with the 12 Low Pressure Bellevilles supplied in the kit. This will be easier to do if you remove the small piston "O" ring first. You will note that the Bellevilles are dish shaped. When installing them, place them on the piston extension alternating up and down, so that they would look like this:)()()()()
- 6) Install the new piston "O" ring supplied in the kit, and lube the "O" rings and Bellevilles with a good airgun oil.
- 7) Insert the Piston assembly back into the Reg Body.
- 8) Insert the small spring and the Output Pin Valve into the bore of the Piston.
- 9) Carefully screw the Bonnet back onto the Reg Body, making sure that the nose of the brass Output Pin Valve is correctly aligned with the small bore on the ASA side of the Bonnet.
- 10) Replace the two locking set screws.

NOTE: The Low Pressure Piston/Springpack assembly in this kit includes factory installed shims which were used to tune this assembly to the 480-500 psi range. You can make minor changes in your output pressure by adding or removing one or two shims.