

## Bladder Type

1. Follow instructions for checking pre-charge, then release all pre-charge pressure.
2. Drain balance of hydraulic fluid that may be remaining in accumulator when it is disconnected from system.
3. Securely clamp the accumulator in place.
4. Remove bladder stem lock nut, nameplate, and gas valve from the top of the accumulator.
5. Remove the lock nut from the bottom of the accumulator using a spanner wrench (From Stauff Repair Kit Part # STA-R-1). Next remove spacer.
6. Push the plug and poppet assembly into accumulator shell.
7. Insert hand into accumulator shell and remove back-up, o-ring and metal back-up ring from plug. Remove anti-extrusion ring from plug, then fold in half and slide through shell opening.
8. Remove poppet plug assembly from shell.
9. Insert hand into the bottom of the accumulator shell opening. Compress bladder by hand to eliminate as much air volume as possible.
10. Pull the old or damaged bladder out of the bottom of the accumulator shell.
11. Inspect all parts and accumulator shell.

**NOTE: It is good practice to disassemble and assemble accumulators in a clean area to keep all parts free of foreign matter.**