

## SafeZone™

### Chargeless Accumulators

The H I Mining patent (IP) protected deforming compound insert has two standard operating parameters listed below. These are capable of fitting to both systems that are currently utilizing a two (2) piece accumulator housings using diaphragm or bladder designs with NO modifications required.

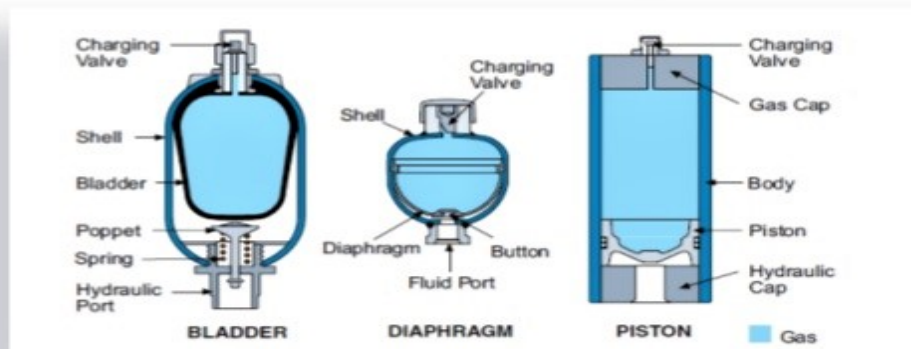
### High Pressure Accumulate Insert

Deforming Compound Insert Technical Details; *(insert compound a trade secret)*

High Pressure Deforming Compound Accumulator Insert			
✓	Hydraulic Systems 2500 to 3500 psi	✓	Replaces Nitrogen (N <sup>2</sup> ) Charge 600 to 1000 psi
✓	Safe	✓	Less Maintenance
✓	Less Down Time	✓	Reduced Ongoing Costs
✓	No Modifications Required	✓	Low Maintenance Costs

Below are examples of accumulators requiring limited modifications.

### What's An Accumulator? – Schematic Diagram



The high-pressure accumulators have undergone rigorous workshop testing over the past two (2) years with NO sign of failure. In the next three (3) months this system has also been tested in a fully operational production Drill rig owned by Mass Drill & Blast of Perth, Western Australia and has been able to reproduce the same performance as the traditional Nitrogen (N<sup>2</sup>) charged accumulators. The Safezone™ accumulators have achieved the same penetration rates and meters drill as the charged system, with NO need for the ongoing maintenance require by the charged systems.