

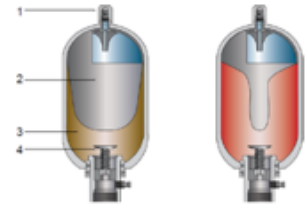
# Keeping your accumulator operating at maximum performance



Bladder-based accumulators store energy in the form of fluid under pressure and to ensure your system is operating efficiently these must be pre-charged according to hydraulic schematics or data tables in the Husky machine manual.

Accumulators includes:

1. gas valve
2. bladder (filled with nitrogen gas)
3. hydraulic oil
4. poppet valve



When working with accumulators please remember:

- **All hydraulic accumulators must be tested periodically**
- **Check pressure rating when you receive 'Lost clamp tonnage during injection' alarm**  
Low pre-charge pressure in the accumulator can negatively affect your injection performance. In this situation the system pump will run full-time to compensate the inefficiency of the accumulators and will accelerate wear of the pump and shorten its lifespan.
- **Replace bladders as per the maintenance guidelines**  
When an accumulator bladder breaks, the nitrogen gas displaces the oil in the system. This causes oil to gush from the air filter and relief valves on the reservoir.

### Accumulator Repair Kit—Now Available

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- **Pay attention to local legislation**  
Review the legislation of your country. In many countries accumulators must be tested and certified every five to ten years.
- **Check the accumulator pre-charge pressure every 6 months**  
If the precharge pressure is less than the pressure indicated in Husky Machine manual (Bladder Accumulator Precharge Pressure at Operating Temperature), the precharge pressure must be increased.  
If the precharge pressure is more than the pressure indicated in Husky Machine manual (Bladder Accumulator Precharge Pressure at Operating Temperature), hydraulic oil has leaked into the gas area of the accumulator and needs to be drained.

To perform this efficiently and safely we recommend an accumulator charge kit, including a charge/gauge unit.



### Accumulator Charge Kit—Now Available

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#### **WARNING**

High pressure hazard—risk of death or serious injury. Only qualified technicians can perform repairs. Do not remove the entire gas valve assembly or the drain fitting. A loose gas valve assembly or drain fitting under pressure can become a high velocity projectile.