



24895 Ave Rockefeller  
Valencia, CA 91355 U.S.A  
Tel: (661) 257-7600 Fax: (661) 257-7062  
www.highpressuretech.com

## **Recommended Maintenance** **Maximator Gas Booster & Air Amplifier** **DLE Gas Boosters & MPLV, SPLV, DLA & GPLV Series Air Amplifiers**

Depending on the frequency of usage, condition of the Air/Gas supply, cycle rate, pressures, or any other conditions that may be detrimental to seal life. The following is a suggested scheduled maintenance index.

### **Moderate to Heavy usage.**

#### **Performance Interval**

#### **Maintenance Action**

***Before / After each use.***

- A.) Perform overall visual check of System.
- B.) Drain and clean the air filter bowl.

***Every 500,000 to 750,000 cycles.  
(Or 3-6 Months of  
Continuous Use)***

- A.) Inspect and re-lube Air Cycling Valve O-Rings.  
***(Replace if necessary)***
- B.) Check Booster for gas leaking from vents, external leakage, overall performance.
- C.) Check Air Drive tie rod bolts, & Gas Barrel tie rod bolts, Re-torque if needed.

***Every 6 Months.***

- A.) Test all pressure gauges.
- B.) Inspect, Clean or Replace Gas and Air Filters.

***Every 12 Months.***

- A.) Inspect piping at full system pressure.

***Every 2,000,000 cycles of  
Continuous use. (Or every  
8-12 Months).***

- A.) Reseal Booster Complete, and all System Components.

#### **Tools & Material Required:**

- SAE wrench set, combination. Metric wrench set, combination.
- Clean working surface, no oil, grease, dust, or moisture.
- Teflon Tape.
- Halocarbon grease or Krytox Lubrication for Oxygen Boosters.
- Polyub GA 352P for None Oxygen Boosters and Air Amplifiers.  
(Spool & Air Drive Section Only).

Please remember the importance in maintaining the highest level of cleanliness of the tools and Workbench. When any gas section assembly is dismantled, it is recommended they be cleaned with a residue free cleaning agent to make sure they are oil and grease free.

**Customer Service Department**  
**www.highpressuretech.com**  
**service@highpressuretech.com**