

Suggested Maintenance 8" Series Gas Boosters

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 (for light usage, double intervals).

<u>Performance Interval</u>	<u>Maintenance Action</u>
<i>Before/After each use.</i>	<ul style="list-style-type: none"> a. Perform overall visual check of system. b. Drain and clean the air filter bowl.
<i>Every 20,000 Cycles. (Or 3-6 months)</i>	<ul style="list-style-type: none"> a. Inspect and re-lubricate air cycling valve o-rings and Pilot Stems for wear. <i>(Replace if necessary).</i> b. Check booster for gas leaking from vents external leakage, overall performance. c. Check tie rod bolts on Air & Gas sections for loosening, re-torque if necessary. d. Inspect Intercooler assembly at fittings connections for leaks.
<i>Every 6 months.</i>	<ul style="list-style-type: none"> a. Test all pressure gauges. b. Inspect and <i>clean/replace gas and air filters.</i> c. Inspect piping at full system pressure.
<i>Every 12 Months Or 500-2000 hrs. Continuous Usage</i>	<ul style="list-style-type: none"> a. Reseal booster.

Tools and Material Required:

- ? SAE wrench set, combination.
- ? Clean working surface, no oil, grease, dust, or moisture.
- ? Teflon Tape

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.