

AOD® Preventative Maintenance & Repair Kits



AOD Pump Preventative Maintenance Reference Guide

For Price Pump AOD® units, consistent performance relies on clean air and proactive "wet end" inspections. While site conditions vary, the following intervals represent industry best practices for standard duty cycles. Each application is different and the rebuild/replacement time frame can be extended through inspection or known results.

Maintenance Schedule

Frequency	Component	Action
Monthly	Visual	Check for air leaks, loose hardware, or fluid in the exhaust.
6 Months	Elastomers	Inspect & Replace: Diaphragms, balls, and seats. Check for thinning, chemical swelling, or cracking.
12 Months	Air Valve	Full Rebuild: Replace air valve components, including spools, gaskets, and polypacks for best results. Air Valve and Elastomer kits can be found in the table below.

General Best Practices

- **The "Double Replace" Rule:** If one diaphragm fails, replace both. If a diaphragm ruptures, the air valve must be disassembled and cleaned of fluid contamination.
- **Torque Check:** After the first few hours of operation and during every 6-month service, re-torque all manifold and chamber bolts to prevent leaks.
- **PTFE Care:** If using Teflon (PTFE) diaphragms, always replace the O-rings during any disassembly; they are not reusable.

Repair Kits

Pump Model	Air Valve Kit	Elastomer Kits					
		Neoprene	Buna	Viton	EPR	Teflon	Santoprene
AOD.5	47-663-00	46-440-00	46-440-10	46-440-20	46-440-30	46-440-55	46-440-60
AOD1-Poly	47-664-00	46-441-00	46-441-10	46-441-20	46-441-30	46-441-55	46-441-60
AOD1-Kynar	47-664-00	47-441-00	47-441-10	47-441-20	47-441-30	46-441-55	46-441-60
AOD1-Metalic	47-664-00	45-761-00	45-761-10	45-761-20	45-761-30	46-386-00	45-761-60
AOD1.5-Metalic	47-664-00	44-808-00	44-808-10	44-808-20	44-808-30	See Note 1	44-808-60
AOD2-Plastic	48-620-00	49-051-00	49-051-10	49-051-20	49-051-30	49-051-55	49-051-60
AOD2-Metalic	47-665-00	44-809-00	44-809-10	44-809-20	44-809-30	See Note 2	44-809-60
AOD3-Metalic	47-665-00	45-332-00	45-332-10	45-332-20	45-332-30	See Note 3	45-332-60

Note 1: AOD1.5 Metal Teflon Elastomer Kits: SS & AL Clamped: 46-200-55; CI Clamped & SS/AL Bolted: 46-480-00
 Note 2: AOD2 Metal Teflon Elastomer Kits: SS & AL Clamped: 46-430-56; CI Clamped & SS/AL Bolted: 46-439-56
 Note 3: AOD3 Metal Teflon Elastomer Kits: SS & AL Clamped: 46-429-56; CI Clamped & SS/AL Bolted: 46-438-56

Please note: This document serves as a quick reference guide and is not a comprehensive list. For additional assistance, visit our website at www.pricepump.com, call 208-402-6871, or email sales@pricepump.com