



6000BPump Maintenance

Perform Forward System Purge Before
Performing Pump Maintenance...Pump
Must Be Removed From Enclosure To
Service.

Pump Removed From Enclosure



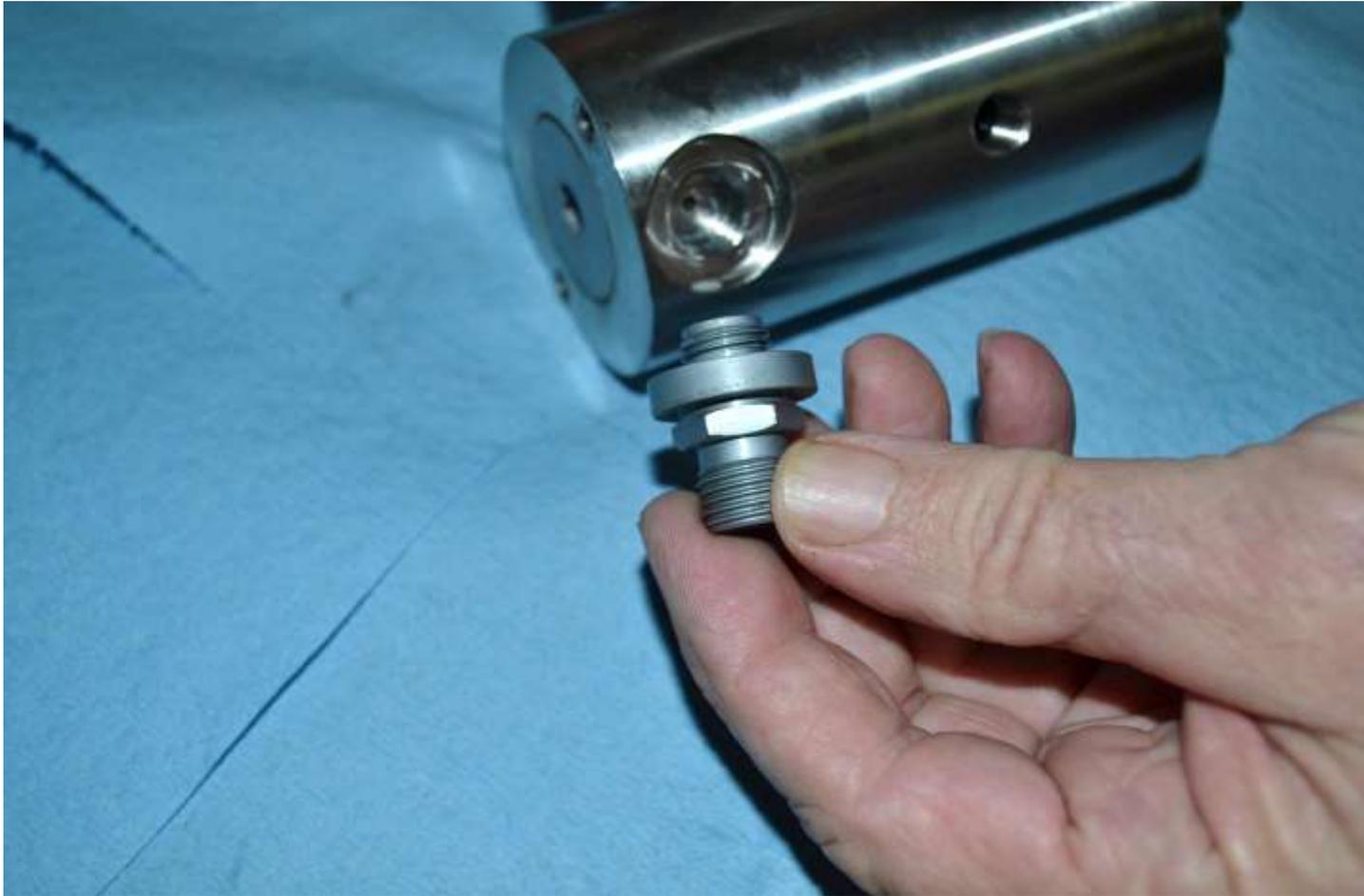
Remove Muffler



Remove Inlet Fitting



Inlet Removed



Set Inlet Aside





Remove Discharge Check Assy.



Discharge Check Removed



Remove Actuation Plug



Remove Bottom Cartridge



Bottom Cartridge Removed





View of Pump Bottom With Bottom Cartridge Removed





Using Small Allen Wrench Push The Plunger Assy. Out



Plunger Assy. Removed





Pump Top View With Plunger Assy. Removed





Remove Seal Cartridge By A Light Tap on Your Work Surface



Seal Cartridge Removed





Organize All Removed Assemblies For Rebuilding





Disassemble Discharge Check Assy.



Disassemble Inlet Check Assy.



Disassemble Seal Cartridge Assy.





Discharge Check Rebuild Parts



All Components with New Kit Parts





Snap The Spring On The Groove on The Check Wafer





Drop Spring/Wafer Assy. in Spring First



Spring/Wafer Assy. In Cartridge



Install Cartridge Cap



Tighten Cap Securely



Cartridge with Orings Installed





Check Wafer Installed Rubber Side Down





Drop in Stop Bushing With Groove at Bottom



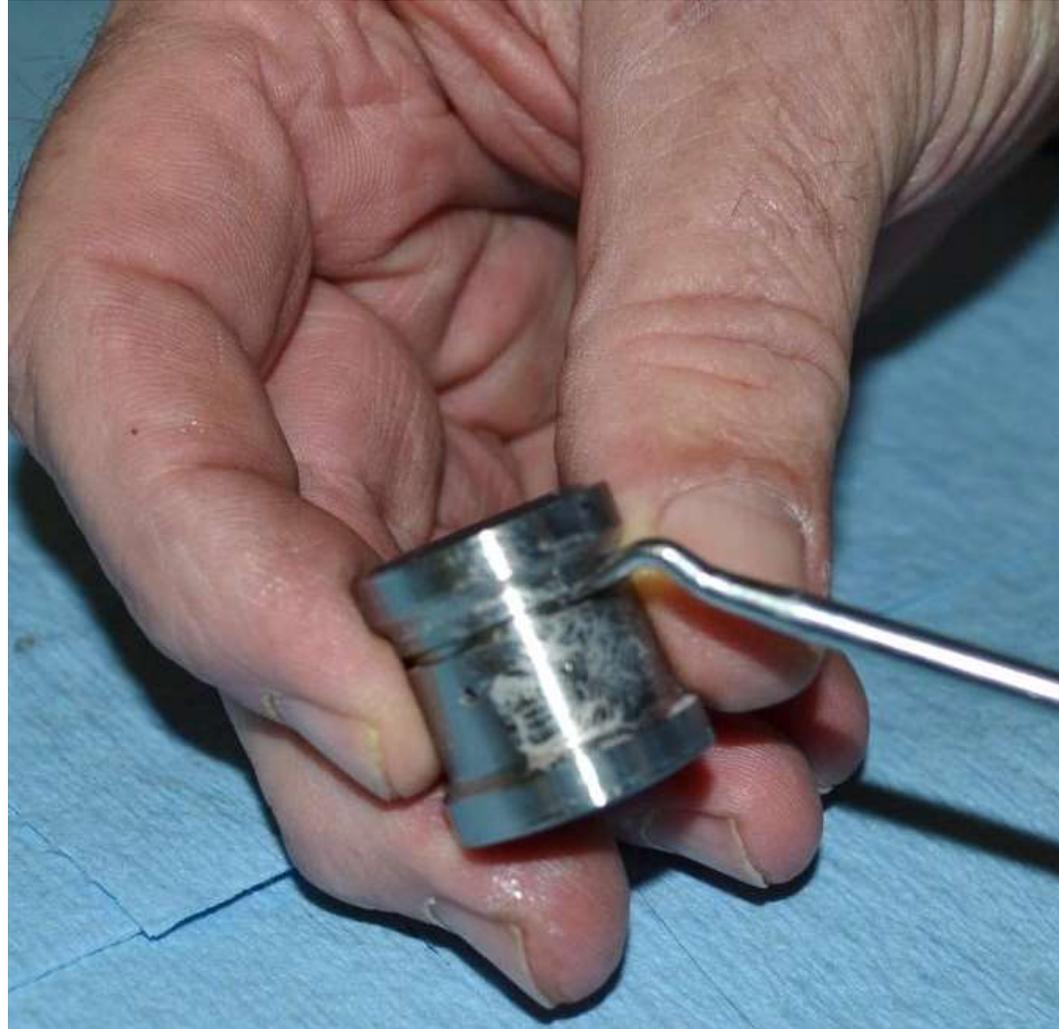


Inlet Check Assembled

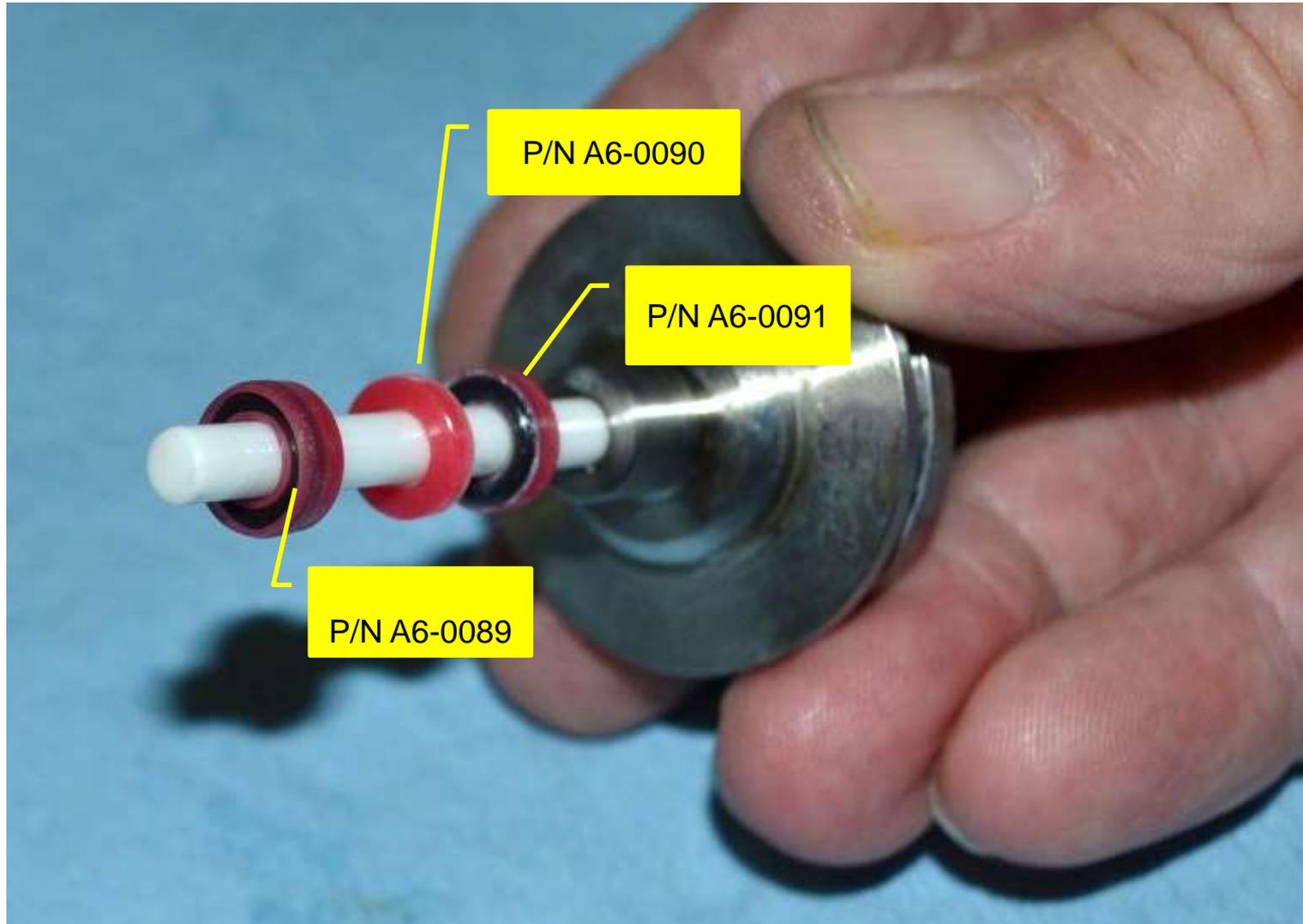




Seal Cartridge NOTE Orientation of Groove



Load Top Set of Seals on The Plunger



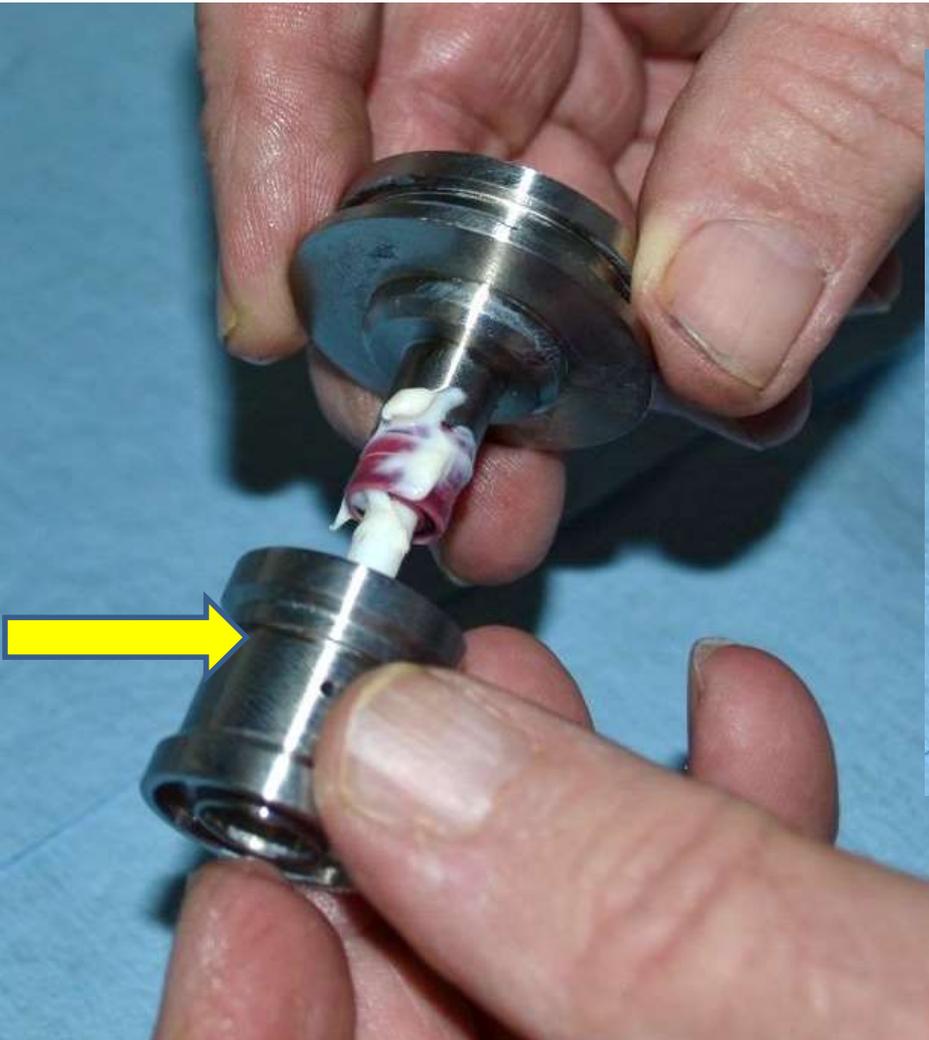
Seals Assembled on Plunger



Lubricate Seals



Install Seals in Cartridge TOP



Press Seals In Bottom of Cartridge



P/N A3-0091

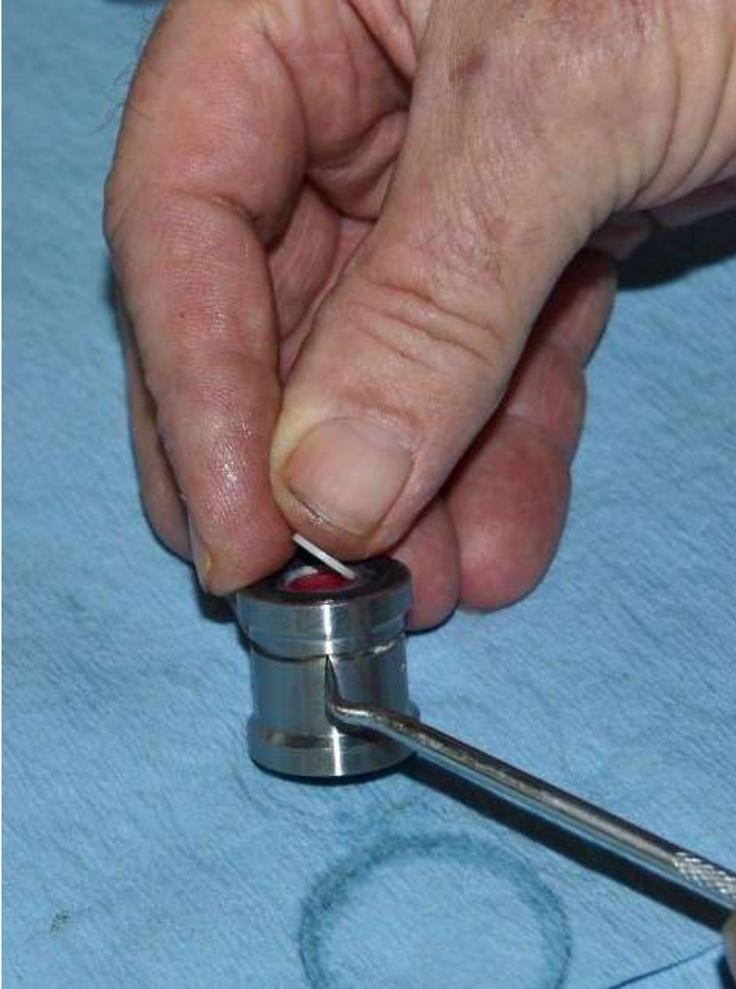


P/N A3-0090



P/N A3-0089

Add TFE Seal Spacer to Top of Cartridge





Lubricate O-Rings on Inlet Cartridge





Stack Seal Cartridge on Inlet Cartridge



Lower Pump Body Over Stack





Slide to Edge of Work Surface, While Holding Cartridges in Place



Screw Cartridge into Pump Body



* Be Careful To Keep The Pump In A Completely Vertical Position During Assembly.



Cartridge should be Flush With Pump Body



Install Actuation Cup Seal (Lip Up)



Install Piston/Plunger Assembly and Spring





Piston/Plunger Assembly and Spring Installed



Install O-ring on Actuation Plug



Screw Plug Into Pump Body



Plug Installed



Install Inlet Fitting In Pump Body



Tighten Inlet Fitting



Install Outlet Check In Pump Body



Tighten Outlet Check In The Pump



Install Muffler





Restart System

- Install Pump In System
- Close V-2, V-3 & V-5
- Open V-4 Until Expansion Tank Pressure Reaches 25 psi.
- Open Odorant Supply Valve V15 or V17 as Equipped.
- Fill Verometer on Meter Level Window
- Prime Pump (Open V-3)
- Open V6 & V8
- Start The System
- Call 1-800-653-9435 if you need assistance.