**VME Stand Mount & Table Top Maintenance Kit [91303016 & 91303017]**

**Step 1:** Unscrew APL valve. Replace small o-ring and set aside.

**Step 2:** Remove dome clamps, domes, discs, and large o-rings from inhalation and exhalation valves.

*Note:* Old style domes are glued to dome clamps and come as one component.

**Step 3:** Unscrew knob assembly to remove canister.

**Step 4:** Remove and replace gasket from underneath manifold block. Install knob assembly and canister.

**Step 5:** Install new large o-rings, discs, domes and dome clamps onto inhalation and exhalation valves. Replace APL valve.

**Components:**
- **Disc** ................. 2 91303016 Only
- **Large O-Rings** ...... 2 APL Dome & Clamp
- **Small O-Ring** ...... 1 .......................... 1
- **Y - Connector** ...... 1 Dome & Clamp ...
- **Tubing** ............... 1 .......................... 1
- **Breathing Circuit** .... 1 91303017 Only
- **Gasket** ............... 1 APL Dome .......... 1
- **Reservoir Bag** ...... 1 Dome .................. 1

**Note:**
- Old style domes are glued to dome clamps and come as one component.
Step 6: Replace breathing circuit assembly.

Step 7: Remove reservoir bag.

Step 8: Remove all hoses and Y-connector. Cut new hose to sizes needed. Install Y-connector and hoses.

Step 9: Perform leak test.

Note: Leak test procedure is on next page.
Step 1: Close APL valve by turning knob clockwise.

Step 2: Place thumb over patient connection of breathing circuit Y.

Step 3: Cover opening of reservoir bag.
   Note: Use palm of hand that is covering Y.

Step 4: With oxygen (50-55 PSI [3.4-3.8 Bar]) supplied to anesthesia machine, slowly open flowmeter to register 30cm H₂O on anesthesia machine pressure gauge.

Step 5: Turn off flowmeter when pressure reaches 30cm H₂O.
   Note: If pressure holds steady the system is leak free but if pressure drops, proceed to step 6.

Step 6: Slowly open flowmeter until pressure stabilizes at 30cm H₂O setting.
   Note: This determines the magnitude of the leak. Record reading if leak rate result is greater than 300ml/min; proceed to step 7.

Step 7: Refer to veterinary anesthesia machine owner’s manual or contact manufacturer for corrective actions.

Step 8: Install new reservoir bag. Repeat step 2 & steps 4 through 6. This will determine integrity of breathing bag.