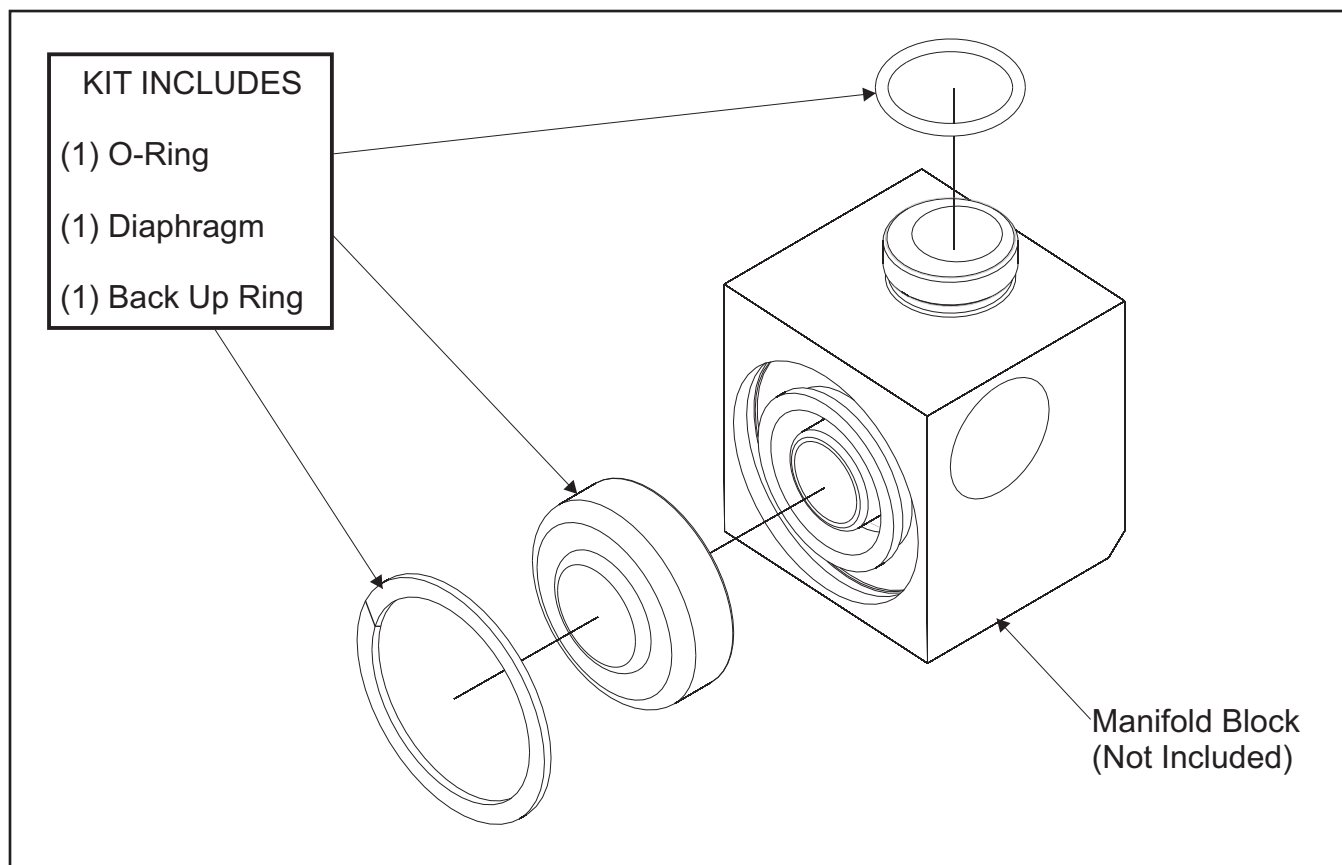


Maintenance Kit P/N 91805115 For Matrix by Midmark Occlusion Valve With Safety Relief Instructions For Assembly



Read ALL instructions and refer to figure below before beginning assembly. Contact Matrix by Midmark technical support if assistance is required 888-279-1260.

1. Remove APL valve (pop-off valve) from occlusion valve, and remove occlusion valve from clear dome on anesthesia machine.
2. Remove existing back-up ring, diaphragm, and O-ring from occlusion valve.
3. Place replacement diaphragm over opening and into groove in manifold block.
4. Place replacement back-up ring over diaphragm until ring snaps into groove in manifold. It may be necessary to use a small flat bladed screwdriver, or similar device to install the back-up ring.
5. Place O-ring around groove on threaded end of manifold block.
6. Reassemble occlusion valve with safety relief and APL valve onto anesthesia machine.
7. Perform Veterinary Anesthesia Machine Leak Test as described on back of this sheet.

Veterinary Anesthesia Machine Leak Test

DO NOT ACTIVATE OXYGEN FLUSH DURING ANY PART OF THIS LEAK TEST.

1. Close APL valve (turn knob clockwise).
2. Place thumb over patient connection of breathing circuit Y-piece.
3. Remove breathing bag and cover opening; it is convenient to use the palm of your hand that is covering the patient connection of Y-piece.
4. With (50 - 55 PSI (3.4-3.8 Bar)) oxygen supplied to anesthesia machine, slowly activate oxygen flowmeter to pressurize system to 30cm H₂O; as registered on circuit pressure gauge.
5. Turn off flowmeter when pressure reaches 30cm H₂O. If pressure holds steady the machine is leak-free. If pressure drops, slowly open flowmeter again until the pressure stabilizes at 30cm H₂O setting. This will determine the magnitude of leak.
6. If flow through flowmeter of greater than 300 ml/min is required to keep pressure stable, system leak will significantly impact machine performance and must be corrected.
7. Replace breathing bag and repeat steps 2, and 4-6 to determine integrity of breathing bag.