



SAFETY AND OPERATIONAL INSTRUCTIONS FOR PRESET OXYGEN REGULATOR.

Warning: READ AND UNDERSTAND THE FOLLOWING SAFETY INSTRUCTIONS BEFORE ATTEMPTING TO OPERATE THE REGULATOR SUPPLIED WITH THIS KIT. IF YOU **DO NOT** UNDERSTAND THESE INSTRUCTIONS, CONTACT YOUR MDS MATRX DEALER.

Safety Instructions

1. Oxygen is not flammable by itself; however, all materials, which burn in air, will burn much more rapidly in the presence of oxygen. Oil and/or grease become highly combustible in the presence of oxygen! Use no oil, grease, or any other petroleum-based or flammable substance on or around oxygen equipment.
2. DO NOT allow oxygen equipment to become exposed to fire, sparks, or other possible sources of ignition.
3. DO NOT use the regulator if oil or grease is present, or if damage is evident. Have a qualified technician clean and/or repair before use.
4. Wipe dusty parts with a damp cloth. DO NOT submerge the regulator in water. To disinfect the regulator, use isopropyl alcohol.
5. Never alter the regulator in any way.
6. This regulator is equipped with a relief valve. If you hear a loud “hissing” or “popping” sound coming from the regulator, close the cylinder valve and contact your MDS MATRX dealer.
7. Inspect the oxygen cylinder valve for leaks before putting into service. If a leak is found around the cylinder valve stem, close the valve, place the cylinder outdoors in a safe area, and inform your gas supplier immediately.
8. Never allow the temperature of the cylinder contents to exceed 125°F. DO NOT store cylinders near sources of heat or flame.
9. NO SMOKING. Remove matches, cigarettes, lighters and lighter fluids from the area.

NOTE: At the end of each day, shut off gas supplies.

Connecting the Preset Oxygen Regulator to an E-type Oxygen Cylinder

Warning: **NEVER** STAND IN FRONT OF OR BEHIND A REGULATOR WHEN OPENING THE CYLINDER VALVE. ALWAYS STAND SO THE CYLINDER VALVE IS BETWEEN YOU AND THE REGULATOR. ALWAYS OPEN THE CYLINDER VALVE SLOWLY. WEAR EYE PROTECTION.

1. Secure the oxygen cylinder in the cylinder restraints (see Installation and Removal of an E-type Oxygen Cylinder; on the opposite side of this sheet).
2. Open and close the cylinder valve to purge it of foreign materials. See your oxygen dealer for more detailed information.
3. Inspect the sealing washer on the yoke for proper placement or damage. Replace if necessary.
4. Insert the two pins on the yoke into the matching holes on the oxygen cylinder post valve. Tighten the T-handle, making sure that the cone point end fits into the indent on the opposite side of the post valve.

Pressurizing the Regulator

1. Slowly open the oxygen cylinder post valve until you hear the oxygen begin to flow into the regulator. After about 10 seconds, the valve can be fully opened.

Removing the Regulator from the Cylinder

Warning: **DO NOT** ATTEMPT TO MOVE THE OXYGEN CYLINDER UNLESS THE REGULATOR HAS BEEN REMOVED.

1. Close the oxygen cylinder post valve.
2. Open downstream equipment to drain system pressure.
3. Remove the regulator by loosening the T-handle. A small amount of oxygen may escape. DO NOT be alarmed, this is normal.



Cylinder Restraint Assembly Instructions

Kit Purchased together with VME

1. Before the upper portion of the VME is assembled onto the post, slide the two wire-form restraints over the post (see Figure 1). Position a wire-form restraint 2 inches from the top of the five-leg base and tighten the screw and nut. Position the other wire-form restraint 22 inches from the top of the five-leg base and tighten (note: the large opening in the upper wire-form must be positioned directly over the large opening of the lower wire-form; and the upper portion of the VME is to be attached so that the oxygen cylinder will be positioned at the back).

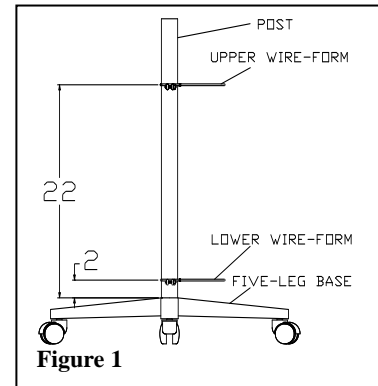


Figure 1

Kit Purchased as an Add-on to an Existing VME

1. Remove the upper portion of the VME from the post by loosening the two set screws, then assemble per instructions listed above. Reattach the upper portion of the VME so that the oxygen cylinder will be positioned at the back.

Installation and Removal of an E-type Oxygen Cylinder

Warning: Do Not attempt to remove the cylinder unless the regulator has been removed and the cylinder valve is closed.

Figure 2A. Slide oxygen cylinder up through upper wire-form restraint. Care must be taken not to slide the cylinder too high; thus interfering with hoses and fittings on the back of the VME.

Figure 2B. Position cylinder above opening in lower wire-form restraint.

Figure 2C. Lower cylinder onto five-leg base.

To remove the cylinder, reverse the installation procedure.

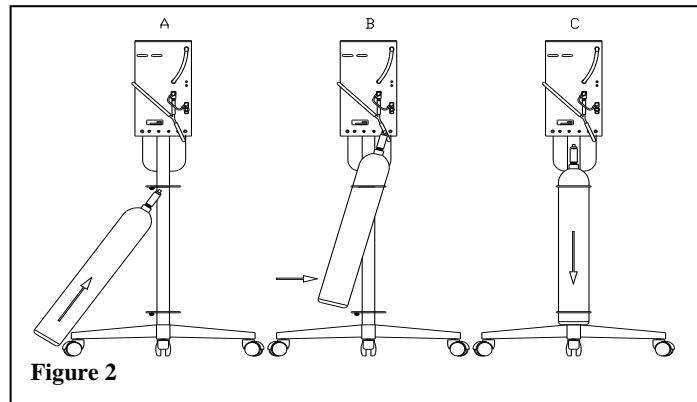


Figure 2

Regulator Assembly

1. Assemble HOSE, T-HANDLE, and WRENCH as shown in Figure 3.
2. Confirm that sealing washer is properly installed.

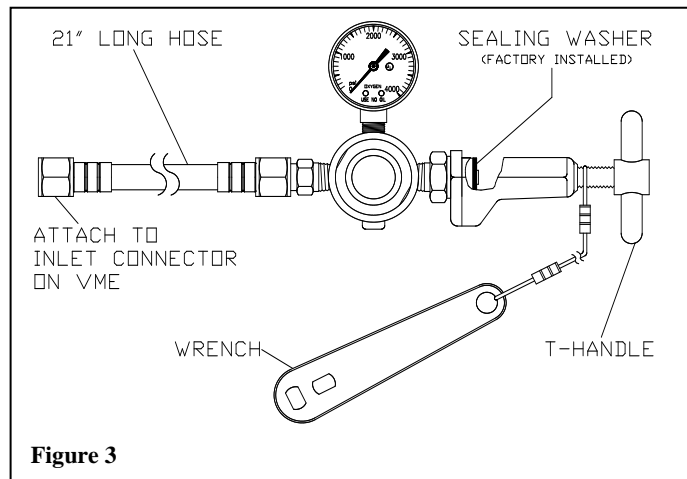


Figure 3