



# Model 5150 Filler Yoke

Model 5150 Yoke is designed for use in filling of MS22069 Series Emergency Oxygen Systems. Trans-filling of gaseous oxygen is inherently hazardous, particularly under high pressure. Service should be performed only by individuals trained in the proper safety techniques and handling of high pressure oxygen. Care should be taken to avoid contamination from hydrocarbons such as oils or grease in particular, or combustible materials containing comparable impurities.

Use with Aviators Breathing Oxygen conforming to Specification MIL-O-27210

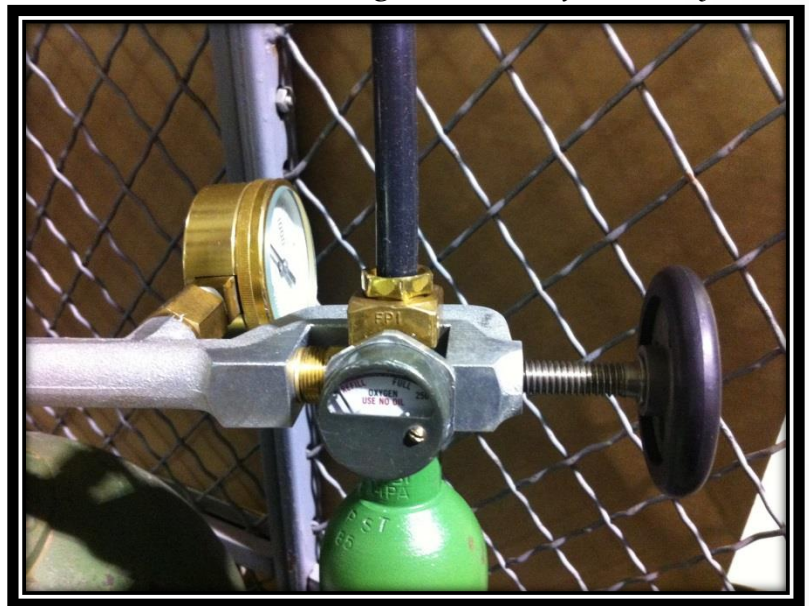
- Install high pressure (3000 PSI) gauge (not included) into 1/8" NPT port. Teflon thread tape should be applied with care to prevent exposure to oxygen stream.
- Attach CGA-540 nut to master oxygen cylinder



- Remove knurled dust cap from side check valve of portable system .
- Carefully fit valve housing of portable system into yoke cradle with valve inlet oriented towards master oxygen cylinder. Inlet of check valve should seat against sealing washer on yoke. (Inspect and replace washer as required.) Align hand wheel tip with indentation on valve body opposite of inlet. Adjust hand wheel as necessary and secure. Portable system gauge should be clearly visible to operator.

*Note: Cable housing not shown for clarity*

*Caution: A cylinder will heat as it is filled. The degree of temperature rise is directly related to the rate at which oxygen is transferred. Rapid release of high pressure oxygen should be avoided to minimize potential flash points caused by any foreign particulate.*



- Open master cylinder valve slowly. Pressure must be regulated manually. Increase pressure to 2100 PSI and monitor portable system gauge as pressure in cylinder increases. Close master cylinder valve when level reaches the letter "U" in Full.
- Remove system from yoke. Bottle should be allowed to cool and pressure to equalize for 30-60 minutes. Repeat process to top off pressure to just beyond full indicator mark (cross 2<sup>nd</sup> "L" of Full).