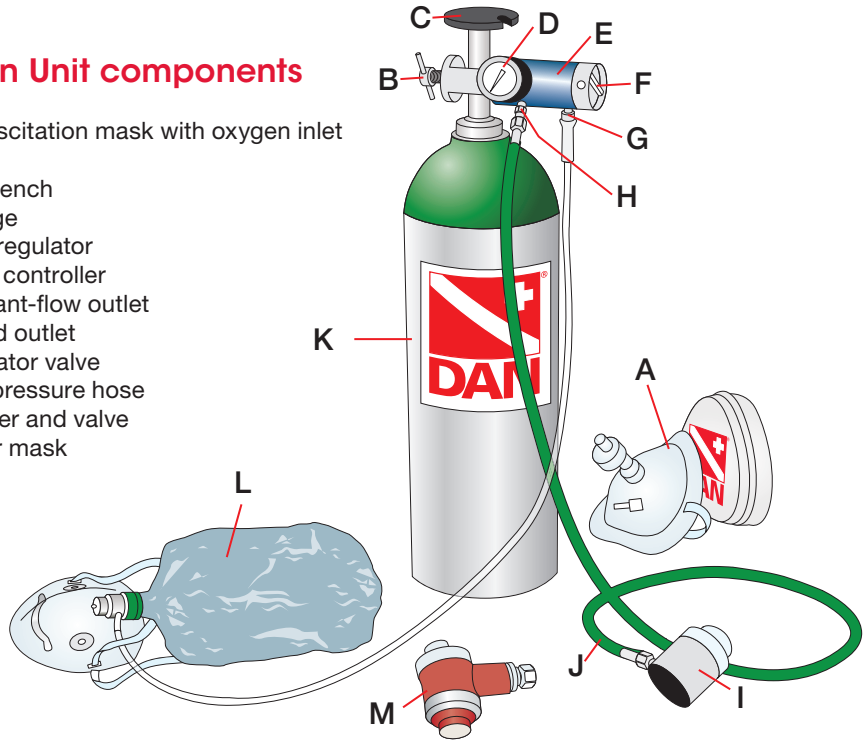
Oxygen Components

Delivery Device	Flow Rate	Inspired Fraction+
Oronasal mask (pocket mask)	10 lpm	≤ 0.5–0.6 (50%–60%)*
Nonrebreather mask	10-15 lpm	≤ 0.8 (80%)**
Bag valve mask	15 lpm	≤ 0.9–0.95 (90%–95%)
Demand valve / MTV	N/A	≤ 0.9–0.95 (90%–95%)

* May vary with respiratory rate
** Less variation with changes in respiratory rate
NOTE: Delivery fractions vary with the equipment and techniques used. This table summarizes various oxygen-delivery systems and potential values of inspired oxygen with their use.

DAN Oxygen Unit components

A. oronasal resuscitation mask with oxygen inlet
B. T-handle
C. handwheel wrench
D. pressure gauge
E. multifunction regulator
F. constant-flow controller
G. barbed constant-flow outlet
H. DISS threaded outlet
I. demand inhalator valve
J. intermediate pressure hose
K. oxygen cylinder and valve
L. nonrebreather mask
M. MTV



WARNING

- Use of DAN oxygen equipment requires appropriate oxygen provider training
- Misuse of this equipment may result in further serious injury or death
- Avoid using this equipment without proper training

Contact DAN for information about oxygen training

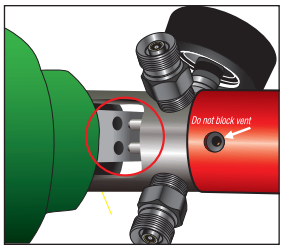
Emergency Hotline +27-82-1060-10

Product Code: 351-3250 v5.0

Oxygen Kit Assembly

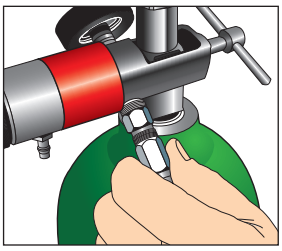
Oxygen Regulator

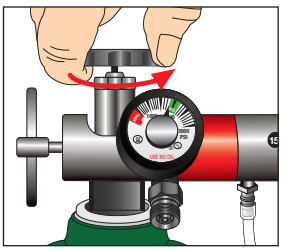
1. Place cylinder in upright position
2. Check for O_2 washer placement on regulator
3. Slide regulator down from the top of the valve and align the two pins to match holes on valve
4. Gently tighten T-handle until regulator is snug on valve



BVM, Demand Valve and Manually Triggered Ventilator

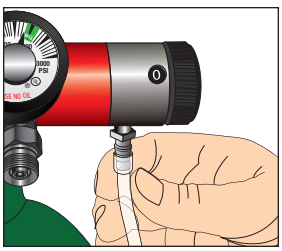
1. Attach hose to one of the DISS threaded outlets on the regulator finger tight
2. Attach demand or MTV valve to other end of hose also finger tight
3. Attach pocket mask to demand or MTV valve
4. Attach handwheel wrench to top of valve
5. Slowly open valve of O_2 cylinder and listen for gas leaks
   - If a gas leak is detected, turn off valve and check constant flow controller, hoses and O_2 washer
6. Slowly open valve one full turn
7. Test demand valve or MTV function by inhaling from mask and exhaling away from mask and over-pressure shut off on MTV
8. Place mask on injured diver's face and secure with elastic straps to maintain proper seal

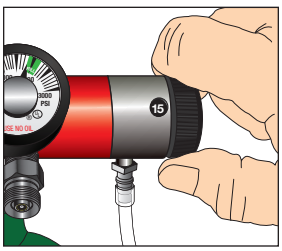




Nonrebreather Mask

1. Remove nonrebreather mask from packaging
2. Stretch out clear tubing
3. Attach end of oxygen tubing to barbed constant-flow outlet
4. Attach handwheel wrench to top of valve
5. Slowly open valve of oxygen cylinder and listen for gas leaks
   - If gas leaks are detected, turn off valve and check hoses and O_2 washer
6. Slowly open valve one full turn
7. Activate O_2 flow by turning the constant flow controller until it reads 10-15 lpm
8. Prime the reservoir bag by blocking the one-way valve until it is full
9. Place mask on the injured diver's face, secure with elastic straps and adjust nose clip to maintain proper seal
10. Adjust the flow up or down to maintain a reservoir volume of at least 1/3 full during inhalation





Note: All hose connections are hand-tightened; don't use a wrench.

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