

# T E C H N I C A L B U L L E T I N

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**#15** July 27, 1985

## MAINTENANCE FOR Y ADAPTER

### NOTE

For complete periodic inspection and maintenance of the Mark 2 SCBA, refer to the Mark 2 H.P. or L.P. SCBA instruction manuals.

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#### A. PRE USE INSPECTION AND FUNCTIONAL TEST

1. Inspect the "Y" adapter (P/N 935067) for signs of corrosion, debris, contamination, deterioration from chemicals or extreme heat. Be sure to look down into the bore of each connector for the above problems.
2. Inspect the two o-rings (P/N 957112) located in the two connector bores, for signs of rubber fatigue or dryness.
3. Examine the dust cap (P/N 905042). Ensure that it will fasten securely to the connector outlet fittings and will not allow debris to enter connector bore when secured in place. Inspect the cap for cracks, signs of chemical deterioration or exposure to extreme heat.
4. Inspect the intermediate pressure hose assembly (P/N 935068) for any signs of general deterioration of the outer jacket including crazing, burns, superficial cracking, shrinkage or hardening. Ensure that the outer jacket under the crimped portion of the end fittings is not cut through or showing the braided reinforcement underneath. There should be no evidence that the hose is "pulling out" of the end fitting.
5. Examine the mail end fitting of the hose for the pits, cracks or corrosion.
6. Once the parts have been inspected, perform a complete functional test. Insert the male end of the intermediate pressure hose assembly into the "Y" adapter. Be sure the male fitting locks in place. This can be done by holding the "Y" adapter with one hand and pulling on the hose assembly with the other hand.

#### B. PREVENTATIVE AND ROUTINE MAINTENANCE

### NOTE

The "Y" adapter kit is a part of Life Support Breathing Apparatus. Its proper function depends on the above inspection and preventative maintenance.

1. The two o-rings (P/N 95712) must be lubricated after each inspection. Apply Krytox 240 AZ lubricant (P/N 824052) with a cotton tip applicator to each o-ring. Use only small amounts and do not allow excess buildup of this grease.
2. Pull back on the locking ring and lubricate the exposed surface with a small amount of Krytox 240 AZ. Then work the locking ring back and forth to distribute the lubricant. Use only a small amount and do not allow excess buildup of this grease.