

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

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**#92** May 16, 1995

## **REPLACEMENT OF O-RINGS IN SIGMA SCBA**

SURVIVAIR has received field reports of system air pressure loss due to leakage from the o-rings on the SIGMA first stage regulator pressure connector plug, P/N 961114. Due to this pressure loss, o-ring P/N 820003, and o-ring P/N 820042 are discontinued. They are both replaced by o-ring, P/N 820046.

SURVIVAIR is currently factory-installing o-ring P/N 820046 in all SIGMA SCBA. Immediately discontinue the use of o-rings P/N 820003 and P/N 820042 in all SIGMA SCBA. Existing inventories of P/N 820003 o-rings may still be used for MARK 2 maintenance.

Both the old P/N 820003 o-ring, manufactured from nitrile material, and the new P/N 820046 o-ring, manufactured from ethylene propylene, are black in color, and are the same size. When stocking the new o-ring, P/N 820046, be careful not to mix it with existing stock of o-rings.

Update SIGMA Service Manuals to reflect the correct part numbers as noted below. 1995 Parts Price Books reflect the current correct part numbers.

### **SIGMA SCBA Service Manual**

Replace the occurrences of P/N 820042 noted below with P/N 820046.

1. Page 57, First Stage Regulator Kit, item #20
2. Page 57, Gauge/Alarm Kit, items #5 & #10
3. Page 58, Second Stage Regulator Kit, item #34
4. Page 71, First Stage Regulator Illustration, item #20
5. Page 72, Gauge/Alarm Illustration, items #5 & #10
6. Page 73, Second Stage Regulator Illustration, item #34