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