

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

#71 May 27, 1992

NEW BYPASS SPRING

SURVIVAIR has obtained approval for a new Mark 2 SCBA “hard” detent spring, part number 106918. This spring can be used as an alternative to the “soft” detent spring, part number 106914. The new “hard” spring applies more pressure to the red handwheel and increases the pressure required to activate the bypass by approximately 25%.

When changing detent springs, do not mix soft and hard springs. To change the springs, use the following procedure or refer to the Mark 2 service manual.

- 1) Remove the retaining screws and washers from the bypass handwheel.
- 2) Take off retaining ring and bypass ring.
- 3) Take out old springs and detents.
- 4) Check detents and red handwheel for wear; replace if necessary.
- 5) Install springs and detents.
- 6) Replace handwheel and retaining ring; tighten screws firmly.
- 7) Cycle bypass several times. If operation is not satisfactory refer to Mark 2 service manual for troubleshooting instructions.
- 8) Make appropriate entries on equipment history cards.
- 9) Return SCBA to service.

SURVIVAIR changed to the hard spring on all new SCBA's in May of 1992. The “soft” springs, P/N 106914, will remain available. Both the 106914 “soft” and 106918 “hard” springs are approved for use.