

TECHNICAL BULLETIN

#47 January 31, 1989

IMPROVED MARK 2 ALARM PERFORMANCE

SURVIVAIR is making available two new parts, a redesigned alarm poppet, P/N 910028, and a new o-ring, P/N 824016. These parts will increase the durability, reliability and improve the performance of the Mark 2 alarm. Units manufactured after January, 1989 have the new parts. These units can be identified by the serial number on the first stage. See Technical Bulletin #23.

To encourage the installation of these new items, we are offering a two stage introductory program.

As of February 1st and lasting until April 30th, we will exchange any unused poppet for the improved model. To receive your new parts, obtain an RMA number from Customer Service, (800) 821-7236 and ship the old, unused parts to us. Ensure that the RMA number is written on the outside of the package.

To further encourage installation of the improved poppet, we are reducing the price to \$5.50 until July 31, 1989. Both new parts must be used together to obtain optimum performance. However, the new o-ring can be used with the old poppet. Although there is no color difference in the o-rings, the new o-ring will feel harder.

If you plan to purchase the alarm update kit, P/N 910043 or the overhaul kit, P/N 980016, you will find that the new poppet and o-ring are included.

Installation Instructions: (Refer to the Mark 2 Service Manual if you need additional assistance). Work should be performed by certified SURVIVAIR technicians only.

- a. Check the setting of the poppet adjustment plug, then remove it from the first stage.
- b. Remove the bell and restrictor plug, P/N 910023, look through the adjuster screw; you must see light through the adjusting screw.
- c. Lubricate the o-ring and install it on the new poppet.
- d. Place the poppet in the plug and reinstall the plug to the original setting.
- e. Turn in on the adjuster screw, P/N 910021, until gently touches the seat. Back the adjuster screw out $\frac{3}{4}$ of one full turn.
- f. Reassemble the alarm and test to ensure it begins to ring at the proper pressure. After testing, tighten all set screws. This test does not require a portable test console. You can utilize the cylinder on the unit provided the cylinder and 2nd stage gauges show the same pressure.

- g. Refer to the Mark 2 Service Manual for further specific instructions.