



SURVIVAIR®
A DIVISION OF COMASEC INC.

USER NOTICE
URGENT SAFETY WARNING
XL-30 NFPA SCBA INSPECTION

SURVIVAIR has discovered a potential problem with certain NFPA XL-30 SCBAs. Some XL-30 NFPA units may experience a jamming of the mainline shutoff knob when it is excessively tightened. Should the shutoff fail to open, the SCBA should not be used. During an emergency donning, should the mainline shutoff fail to open, the bypass must be used to escape.

To eliminate this problem, Survivair is initiating a mandatory retrofit program on certain XL-30 NFPA units. Any XL-30 NFPA unit, kit, or seat retainer identified by this letter must be removed from service and modified.

NFPA XL-30 SCBA: Examine all XL-30 NFPA SCBA regulator labels. XL-30 regulators that have black labels with a part number of 913501 and a serial number beginning with 88 or 89 in bold numbers must be modified using the **Mainline Shutoff Kit, P/N 942015**.

NFPA UPGRADED XL-30: Inspect any XL-30 SCBA which was modified to NFPA standards. If the assembly date of the update kit, P/N 941610, is before July 30, 1990, or if the assembly date of the kit is not known, remove the unit from service and have it reworked using **Mainline Shutoff Kit P/N 942015**. If the assembly date of the kit is after July 30, 1990, no action is required.

NFPA UPGRADE KITS: NFPA UPGRADE KITS, P/N 941610, which are in stock must be inspected. All kits assembled before July 30, 1990 require the addition of a modification kit, P/N 945540, before they can be used.

All P/N 941610 kits assembled between August 1, 1990 and December 31, 1990 inclusive contain all required parts but need a new label and revised instructions. These two items are contained in kit P/N 945535.

SEAT RETAINER: Stocks of Seat Retainers P/N 912515 must be tested to determine if the seat retainer can be used in the NFPA regulator. Seat Retainers are not defective. Any Seat Retainer, P/N 912515, can be used only in the older non-NFPA regulator models, 9127, 9125. Only seat retainers which pass the test can be used in the P/N 913501 regulators.

Any certified SURVIVAIR technician proficient in servicing XL-30 series SCBAs who has access to a Portable Test Console can perform this retrofit. Detailed instructions, kits, and required parts are available to all SURVIVAIR users at no charge. Technicians must appear on our technician's list or provide a copy of their certificate. Contact your distributor or SURVIVAIR Customer Service for prompt kit shipment. If you wish to have a SURVIVAIR center perform the rework, contact the nearest warranty center.

This field inspection is being conducted with your safety in mind. Please modify these units at the first opportunity. We thank you in advance for your immediate attention to this matter. For additional information, contact your distributor or Customer Service at (800) 821-7236.



XL-30 NFPA REGULATOR MAINLINE SHUT-OFF

P/N 942015

Retrofit Instruction Sheet

I. INTRODUCTION

This instruction sheet describes identification and installation procedures for the SURVIVAIR XL-30 NFPA mainline shut-off retrofit. This inspection and installation must be performed only by SURVIVAIR certified repair technicians. Read this instruction sheet completely before attempting installation.

II. SAFETY PRECAUTIONS

The Warnings, Cautions, and Notes contained in this document have the following significance:

⚠ WARNING

Maintenance or operating procedures and techniques that will result in personal injury or death if not carefully followed.

CAUTION

Maintenance or operating procedures and techniques that will result in damage to equipment if not carefully followed.

NOTE

Maintenance or operating procedures and techniques, or information considered important enough to emphasize.

III. IDENTIFICATION

Identify units requiring replacement of the seat retainer, P/N 912515 with the following criteria:

A. All P/N 912701 regulators field-modified to comply with NFPA standards. These regulators have a red quick-connect on the outlet and a sticker on the side of the case reading: "SVA HI-FLOW". The SURVIVAIR label is black and will contain P/N 912701 in the part number block.

B. Any XL-30 NFPA unit equipped with the regulator, P/N 913501, bearing a black label and serial number beginning with 88 or 89 in bold numbers.

C. Overhaul kits assembled before July 30, 1990 require additional parts. See your local SURVIVAIR Distributor.

IV. PARTS LIST

	Qty	Part Number	Description
1	1	912515	Seat Retainer
2	1	942016	Instructions
3	1	995281	Label

V. TOOL LIST

Refer to XL-30 Service Manual for required tools and current Parts Price List for part locations and part numbers.

VI. INSTALLATION

NOTE

Refer to the XL-30 Service Manual as necessary for the following steps.

A. Regulator

1. Remove regulator from tank and harness.
2. Remove audio alarm assembly from regulator.
3. Remove cover and set aside for regulator reassembly.
4. Remove spacer, diaphragm assembly, gauge, and inlet fitting.

NOTE

Do not remove the lever, lever adjustment plate, or bleed screw. Installation of seat retainer will not require a change of settings.

5. Remove regulator body from case.
6. Remove main shut-off parts as shown in Figure 1 and install new Seat Retainer, P/N 912515.

NOTE

Reuse all parts unless visual inspection shows damage.

7. Remove valve stem from bonnet.
8. Attempt to slip the seat retainer over the valve stem. If the retainer will not easily slide on the stem, replace the retainer with one that does.
9. Re-assemble regulator per Service Manual.
10. Write the regulator serial number in the lot number block of the new blue label, P/N 995281.
11. Affix the blue label, P/N 995281, over the black serial number label.

VII. TESTING

- A. Flow regulator at 300 LPM as specified in Technical Bulletin #50 or the XL-30 Service Manual and perform static pressure test.
- B. Make appropriate history card entries and return regulator to service.

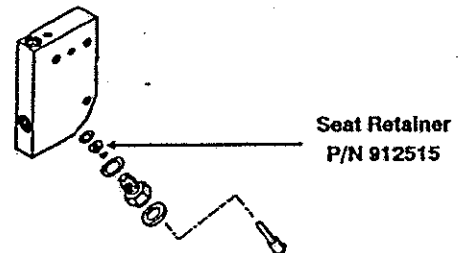


Figure 1.