

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

#68 July 26, 1992

MARK 2 SCBA/SAR SECOND STAGE REGULATOR PARTS

SURVIVAIR has obtained MSHA/NIOSH certification to mix and match some parts in the High Flow Mark 2 second stage SCBA/SAR regulator. The information in this Bulletin will allow the respirator to remain in compliance with all MSHA/NIOSH and NFPA requirements after servicing.

The second stage regulator case is used to control the regulator configuration. SURVIVAIR has produced three cases; Super High Flow, High Flow and Low Flow. We have molded some letters into the inlet shoulder. Use the raised letters, and the SURVIVAIR Parts Price List, to identify your case.

The Low Flow second stage regulator configuration has not changed. Low Flow cases are no longer in stock, but the parts used in these cases are available.

High Flow regulator cases are no longer available. SURVIVAIR has obtained MSHA/NIOSH approval to use parts from the Super High Flow regulator in the High Flow case and retain previous MSHA/NIOSH approvals. SCBA using these parts retain NFPA 1981, 1987 edition approvals.

Super High Flow cases are used on current Mark 2 SCBA/SAR. SAR, SCBA low pressure, and SCBA 30 minute high pressure configurations can use high flow parts in the Super High Flow case and retain MSHA/NIOSH approvals. The 60 minute SCBA must use only super high flow parts to meet NFPA requirements.

Details of configurations are provided below:

I. **HIGH FLOW CASE** (SVA on inlet shoulder).

All respirators using the parts listed have MSHA/NIOSH approval. All SCBA, except 60 minute SCBA, meet NFPA 1981, 1987 edition flow specifications when properly adjusted and tested.

<u>Item</u>	<u>P/N</u>	<u>Description</u>
Clip	910689 910610	Red Black
Lever	910694 910688	Red (color on side bars) Silver

Piston	910691	Red
	910659	Blue
Inlet	910692	Slot and Dimple
	910667	Cross slots

Note: All parts can be mixed and matched.

II. **SUPER HIGH FLOW CASE** (SV on inlet shoulder)

- A. All respirators using these parts have MSHA/NIOSH approval. All SCBA, except 60 minute SCBA, meet NFPA 1981, 1987 edition flow specifications when properly adjusted and tested.

<u>Item</u>	<u>P/N</u>	<u>Description</u>
Clip	910689	Red
	910610	Black
Lever	910694	Red (color on side bars)
	910688	Silver
Piston	910691	Red
	910659	Blue
Inlet	910692	Slot and Dimple
	910667	Cross Slots

Note: All parts can be mixed and matched.

- B. All respirators using these parts have MSHA/NIOSH approval. All SCBA, including the 60 minute SCBA, meet NFPA 1981, 1987 edition flow specifications when properly adjusted and tested.

<u>Item</u>	<u>P/N</u>	<u>Description</u>
Clip	910689	Red
Lever	910694	Red (color on side bars)
Piston	910691	Red
Inlet	910692	Slot and dimple

In addition to using the approved parts, all regulators must be tested in conjunction with appropriate sub-assemblies for the respirator assembly to meet MSHA/NIOSH or NFPA standards. Use the latest edition of the SURVIVAIR Breathing Apparatus Test Sheet. Additional maintenance information can be found in the Mark 2 Service Manual.