

# Opti-Fit Headnet™ Kit

## P/N 702090

### Installation & Operation Instructions

#### I. INTRODUCTION

This instruction sheet describes the installation procedures for SURVIVAIR's Opti-Fit Headnet. This installation may be performed by users or a SURVIVAIR-certified technician. **You must read and understand this instruction sheet and be properly trained before attempting installation or operation of this device.**

<b>⚠ WARNING</b>
<p>The Operation Instructions supplied with this kit must be provided to the respirator user. Failure to provide these operation instructions to the user may lead to personal injury, illness, or death.</p>

#### NOTE

All SURVIVAIR-certified technicians are required to remain current on new procedures and parts through SURVIVAIR's published Technical Bulletins, technical manual revisions, and certification seminars.

#### II. SAFETY PRECAUTIONS

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

<b>⚠ WARNING</b>
<p>Maintenance or operating procedures and techniques that may result in personal injury, illness, or death if not carefully followed.</p>
<b>CAUTION</b>
<p>Maintenance or operating procedures and techniques that may result in damage to equipment if not carefully followed.</p>

#### NOTE

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

#### III. DESCRIPTION

Opti-Fit facepieces can be modified by removing the facepiece headstrap and replacing it with the Headnet supplied in this kit.

#### IV. PARTS LIST

QTY	P/N	DESCRIPTION
1	702089	Head harness, mesh, Opti-Fit
1	702091	Installation & Operation instructions
1	54140217	Strap, mesh harness

#### V. TOOL LIST

No tools are required.

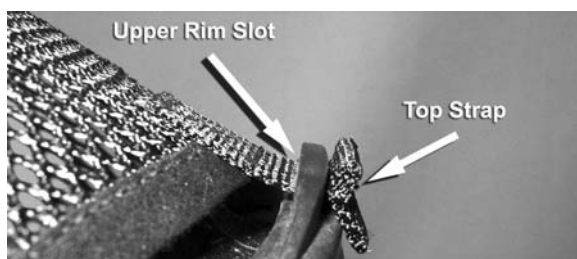
#### VI. INSTALLATION

1. Remove the existing headstrap and top three buckle straps from the Opti-Fit facepiece. See Figure 1.



**Figure 1. Strap Removal**

2. Remove the headstrap and all adjusting straps. Retain the two top lateral adjustment straps and insert them into the lower rim slots.
3. Install the strap into the headnet if required.



**Figure 2. Top Strap Routing**

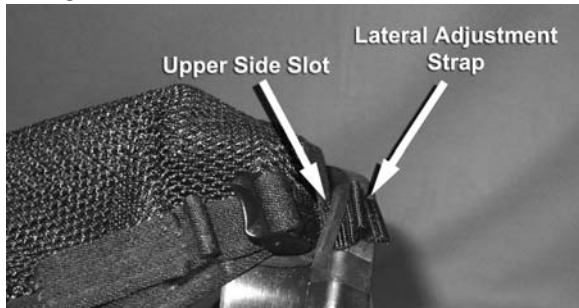
## SURVIVAIR®

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4. Insert the top strap through the slot in the upper rim as shown in Figure 2.

5. Route the upper headnet adjustment straps through the upper side slots in the rim as shown in Figure 3.



**Figure 3. Upper Lateral Adjustment Strap Routing**

**⚠ WARNING**

Install the lower adjustment straps so that the molded-in retaining ribs are facing the buckle.

**FAILURE TO INSTALL THIS CORRECTLY MAY RESULT IN PERSONAL INJURY, ILLNESS, OR DEATH.**

6. Feed the lower adjustment straps through the buckles as shown in Figure 4.



**Figure 4. Lower Strap Routing**

7. Pull all the straps to ensure they do not pull out of the rim slots.

8. Refer to Figure 5 to verify proper assembly.

**VII. DONNING**

**NOTE**

Ensure that the three fabric locking straps across the forehead are fully inserted into their rim slots, and that the locking flaps prevent the straps from pulling out.

1. Place your chin in the chin cup, pull the Headnet over your head, and tighten by pulling evenly on the upper and lower straps.

2. Center the facepiece and flatten the Headnet with a wiping motion toward the back of your head.

3. Retighten the elastic adjustment straps. Do not overtighten.

4. Perform a fit check as described in paragraph IX.

**NOTE**

When properly adjusted, the Headnet should be centered on the back of your head and the lower straps should be below your ears.



**Figure 5. Headnet Properly Installed**

**VIII. DOFFING**

Place your thumbs under the lower headstrap buckles, loosen the straps, and remove the facepiece.

**IX. TESTING**

**Fit Check**

**⚠ WARNING**

Do not use this respirator in a contaminated atmosphere if you do not obtain a satisfactory seal during the fit check. If a seal was not obtained, reposition the facepiece, check the straps, and perform the fit check again. Failure to obtain a satisfactory seal could allow contaminants to leak into the facepiece, causing illness or death.

1. Place the palm of your hand over the exhalation valve.

2. Inhale and hold your breath for several seconds. The facepiece should collapse on your face without leaking.

3. If the facepiece leaks, reposition, check the straps, and repeat the fit check.

**X. MAINTENANCE**

**⚠ WARNING**

- Avoid exposure of all Headnet materials to sodium hypochlorite bleach and strong acids and bases.
- Avoid extensive exposures to direct sunlight.

**⚠ WARNING—Continued**

- Failure to heed these recommendations may result in degradation of materials, failure of the facepiece seal, and exposure to contaminated atmospheres. These events could result in personal injury, illness, or death.

**A. Inspection**

Inspect the Headnet before and after each use for:

1. Signs of deterioration, weakening, and wear in the Headnet and straps.
2. Unraveled or loose stitching.

**B. Cleaning**

Clean and disinfect the respirator facepiece and Headnet in accordance with the applicable operation manual.

**XI. ADDITIONAL INFORMATION**

If you need additional information on any SURVIVAIR product, consult your local distributor or contact:

**SURVIVAIR**  
**A Bacou-Dalloz Company**  
**3001 South Susan Street**  
**Santa Ana, CA 92704**  
**(714) 545-0410 or (800) 821-7236**  
**FAX (800) 201-4407**

**XII. WARRANTY AND LIMITATION OF LIABILITY**

**LIMITED WARRANTY:** SURVIVAIR® warrants this product to be free from defects in materials and workmanship for 1 year from the date of purchase. During this period, SURVIVAIR will repair or replace defective parts, at SURVIVAIR's option. Freight charges to and from the SURVIVAIR factory shall be paid by the purchaser.

**EXCLUSIONS: NOTWITHSTANDING ANY CONTRARY TERM IN THE PURCHASER'S PURCHASE ORDER OR OTHERWISE, THE ONLY WARRANTY EXTENDED BY SURVIVAIR IS THE EXPRESSED LIMITED WARRANTY DEFINED ABOVE. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE.**

**CONDITIONS:** To maintain this warranty this product must be used, maintained, and inspected as prescribed in the owner's instruction manual, including prompt replacement or repair of defective parts and such other necessary maintenance and repair as may be required. Normal wear and tear, and parts damaged by abuse, misuse, negligence, or accident are specifically excluded from this warranty.

**LIMITATION OF LIABILITY:** No other oral warranties, representations, or guarantees of any kind have been made by SURVIVAIR, its distributors, or the agents of ei-

ther of them, that in any way alter the terms of this warranty. **EXCEPT AS HEREIN PROVIDED, SURVIVAIR SHALL HAVE NO LIABILITY FOR ANY LOSS OR DAMAGE, WHETHER DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL, TO ANY PURCHASER OR USER OF THIS PRODUCT ARISING FROM THE SALE, USE, OR OPERATION OF THIS PRODUCT.**

**⚠ WARNING**

The failure to use and maintain this equipment in strict conformance with the applicable instruction manual may result in personal injury, illness, or death. The equipment's use in any manner that is not expressly authorized pursuant to the applicable instruction manual may result in severe adverse impacts to human health.