

# Replacement Hood Kit

## INSTRUCTIONS

for use with Versa-Hood™  
respirators and OptimAir®6 and  
OptimAir®6A PAPRs

shoulder length hood P/N 488721  
waist length hood P/N 492793

### **WARNING**

THIS MANUAL MUST BE CAREFULLY READ BY ALL PERSONS WHO HAVE OR WILL HAVE THE RESPONSIBILITY FOR USING OR SERVICING THE PRODUCT. The Replacement Tyvek Hood Kit from MSA will perform as designed only if it is used and serviced according to the instructions. OTHERWISE, IT COULD FAIL TO PERFORM AS DESIGNED, AND PERSONS WHO RELY ON THE RESPIRATOR COULD SUSTAIN SERIOUS PERSONAL INJURY OR DEATH.

The warranties made by MSA with respect to the product are voided if the product is not installed, used, and serviced in accordance with the instructions in this manual. Please protect yourself and your employees by following the instructions. Please read and observe the WARNINGS and CAUTIONS inside. We encourage our customers to write or call for a demonstration of this equipment prior to use, or for any additional information relative to use or repairs. Call 1-800-MSA-2222 during regular working hours, or 1-800-MSA-5555 after working hours or during emergencies.

Refer to instructions manuals P/N 486478 for operation and maintenance of the OptimAir 6 PAPR.

Refer to instruction manual P/N 490883 for operation and maintenance of the OptimAir 6A PAPR.

Refer to instruction manual P/N 483389 for operation and maintenance of the Versa-Hood airline respirator.



For More Information: Call (1-800-MSA-2222) or Visit Our Website at ([www.MSAnet.com](http://www.MSAnet.com))



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**PITTSBURGH, PENNSYLVANIA, U.S.A. 15230**

# DISASSEMBLY AND REASSEMBLY

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## INTRODUCTION

The parts supplied in this kit will enable you to replace the Tyvek\* Hood on the OptimAir 6 or 6A Powered Air-Purifying Respirator or Versa-Hood Airline Respirator.

## DISASSEMBLING THE HOOD

### WARNING

**Do not remove these components of the hood until the respirator has been cleaned and sanitized. Hazardous contaminants may remain on hood components. Failure to follow this warning can result in contact with hazardous contaminants, causing serious personal injury or death.**

1. To remove the hood suspension, loosen the three Velcro\*\* strips on the suspension from the three strips inside the hood.



2. Pull the suspension out of the neck opening in the hood.

3. Remove the exhalation valve cover.



4. Grasp the hood material and its rubber backing. Stretch the material away from the valve seat. Pull the valve seat out of the hood.

## Removing the inlet assembly for the PAPR Hood only

1. Use a flatblade screwdriver to loosen the clamp screw.
2. Remove the clamp from the hood.



3. Pull the inlet assembly out of the hood inlet tube.

## Removing the inlet assembly for the Versa-Hood only

1. Cut the plastic clamp using scissors or wire cutters.



2. Pull the hood tube and suspension out of the hood.

**Note:** Do not discard the hood tube and suspension.

3. Discard the used hood material.

\*Tyvek is a registered trademark of Du Pont Company  
\*\*Velcro is a trademark of Velcro, Inc.

# DISASSEMBLY AND REASSEMBLY

## ASSEMBLING THE REPLACEMENT HOOD

### Assembling the hood tube for the PAPR Hood only

1. Install the inlet assembly
  - a. Insert the inlet assembly into the back of the hood.

- b. Line up the end of the inlet assembly with the end of the hood inlet tube.



- c. Place the clamp over the hood inlet tube close to the inlet coupling nut.
- d. Using a flat head screwdriver, tighten the clamp assembly.

### Assembling the hood tube for Versa-Hood only

1. Push the tube into the hood inlet port so that the end of the muffler is about 1 inch inside the hood.



- a. Fold any extra material around the tube.
- b. Line up the plastic hose clamp so the grooves are against the hood material.
- c. Pull the plastic clamp for a firm, hand-tight fit.



**DO NOT over-tighten or the hood tube will collapse.**

- d. Cut off any extra clamp material.



### Installing the exhalation valve

1. Position the exhalation valve (less cover) so that the seat is over the hood opening located below the lens.

**Note:** Be sure that the flap-per portion of the valve is facing out.



2. Push the valve seat into the hole from the outside of the hood.



3. Allow the hood material to seat in the groove around the valve.

4. Place the valve cover over the outside of the exhalation valve and press it in until it snaps into place.
5. Spin the cover to be sure it is seated.

### Adjusting the hood suspension (if necessary)

1. Loosen the Velcro strip at the back of the suspension by pulling the strip away from the plastic band.



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2. Position the suspension so that the stitching on the sweatband is down.



3. Place the sweatband against your forehead and wrap the plastic band around your head for a snug but comfortable fit.



4. Press the Velcro strips together to secure the suspension.

### Installing the hood suspension

1. Insert the suspension into the hood.
2. Turn the suspension so that the sweatband faces the hood lens.



3. Attach the three Velcro strips on the suspension to the three strips inside the hood.

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### SUBMITTING THE PAPR HOOD FOR INCINERATION

Parts of the Tyvek\* Hood on the OptimAir 6 or 6A Powered Air Purifying Respirator are certified incinerable per Scientific Ecology Group, Inc. (SEG) requirements.

The SEG Logo appears on the warning tag of your Tyvek Hood.

If the Tyvek hood will be submitted to SEG for incineration, the clamp and clamp screw must be removed first.



The inlet assembly, which is held in place by the clamp, must be submitted with the rest of the Tyvek\* Hood for incineration.