

# Helping You Wear it Right

Wearing your 3M™ Full Facepiece  
Reusable Respirator 6000 Series



Always read and follow User Instructions.

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1 Fully loosen all four head straps. Pull hair back with one hand. Bring facepiece up to face with other hand.
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2 While holding the facepiece in place, pull the straps over your head.
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3 Tighten the two bottom straps.
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4 Tighten the two top straps.
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5 Make sure the back of the harness is centered on the back of the head.

## Perform a User Seal Check

Before assigning any respirator to be worn in a contaminated area, a qualitative or quantitative fit test must be performed per U.S. OSHA standard 29CFR 1910.134 or local requirements.

### Positive Pressure User Seal Check



Place the palm of your hand over the opening in the exhalation valve cover and exhale gently. If facepiece bulges slightly and no air leaks are detected between the face and the facepiece, a proper seal has been obtained. If faceseal air leakage is detected, reposition the respirator on your face and/or readjust the tension of the straps to eliminate leakage and recheck seal. *If you cannot achieve a proper seal, DO NOT enter the contaminated area. See your supervisor.*

### Negative Pressure User Seal Check



**Using Particulate Filters**  
Place your thumbs onto the center portion of the filters, restricting airflow through filters and inhale gently. If you feel facepiece collapse slightly and pull closer to your face with no leaks between the face and the facepiece, a proper seal has been obtained. If faceseal air leakage is detected, reposition the respirator on your face and/or readjust the tension of the straps to eliminate leakage and recheck seal. *If you cannot achieve a proper seal, DO NOT enter the contaminated area. See your supervisor.*



**Using Cartridges**  
Place palms of hands to cover face of cartridge or open area of 3M™ Filter Retainer 501 and inhale gently. If you feel facepiece collapse slightly and pull closer to your face with no leaks between the face and facepiece, a proper seal has been obtained. If faceseal air leakage is detected, reposition the respirator on your face and/or readjust the tension of the straps to eliminate leakage and recheck seal. *If you cannot achieve a proper seal, DO NOT enter the contaminated area. See your supervisor.*

# Technical Data Bulletin

## #150, September, 2001 — Reusable Respirators

### Inspection, Cleaning and Storage Procedures for 3M Reusable Respirators

#### Inspection

3M™ 6000 and 7000 Series Respirators must be inspected before each use to ensure good operating condition. The facepiece must be repaired or replaced if there are damaged or defective parts. The following inspection procedure is suggested:

1. Check facepiece for cracks, tears and dirt. Be certain facepiece, especially face seal area, is not distorted.
2. Examine inhalation valves for signs of distortion, cracking or tearing.
3. Make sure that head straps are intact and have good elasticity.
4. Examine all plastic parts for signs of cracking or fatiguing. Make sure filter gaskets or seal areas are in good condition.
5. Remove exhalation valve cover and examine exhalation valve and valve seat for signs of dirt, distortion, cracking or tearing. Replace exhalation valve cover.
6. Inspect lens of full facepiece for any damage that may impair respirator performance or vision.

#### Cleaning and Storage

**Cleaning is recommended after each use. 3M™ Respirator Cleaning Wipes 504** may be used as an interim method in the cleaning

schedule for individually assigned respirators, but they must not be the only method in place. During fit-testing, wipes may also be used between employees being tested. However, these respirators must be thoroughly cleaned at the end of each day, using procedures in appendix B-2 of 29 CFR 1910.134.

#### ⚠ WARNING

**Do not clean with solvents. Cleaning with solvents may degrade some respirator components and reduce respirator effectiveness. Inspect all respirator components before each use to ensure good operating condition. Failure to do so may result in sickness or death.**

1. Remove cartridges and filters.
2. Clean facepiece (excluding filters and cartridges) by immersing in warm cleaning solution, water temperature not to exceed 120° F (49° C), and scrub with soft brush until clean. Add neutral detergent if necessary. Do not use cleaners containing lanolin or other oils.
3. Disinfect facepiece by soaking in a solution of quaternary ammonia disinfectant or sodium hypochlorite (1 oz [30 ML] household bleach in 2 gallons [7.5 L] of water), or other disinfectant.
4. Rinse in fresh, warm water and air dry in noncontaminated atmosphere.

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5. Respirator components must be inspected prior to each use. A respirator with any damaged or deteriorated components must be repaired or discarded.
6. The cleaned respirator should be stored away from contaminated areas when not in use.

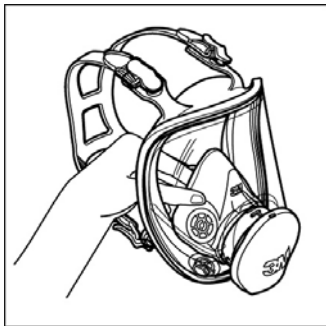
**NOTE: The above information is also outlined in the users instructions. Additionally, see specific product user instructions packaged with each respirator facepiece for additional information.**

# 3M 6864/37000\* Center Adapter Assembly

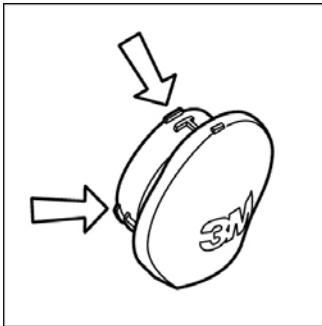
## *User Instructions*

Important: Keep these *User Instructions* for reference

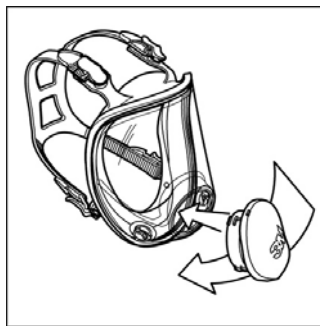
\*37000 is a catalog number only. NIOSH approved as 3M™ Center Adapter 6864. See the 3M™ Full Facepiece 6000 *User Instructions* for approval label.



**Fig. 1**



**Fig. 2**



**Fig. 3**

The 3M™ Center Adapter Assembly 6864 consists of a center adapter base, cover, exhalation valve and adapter gasket. It is secured to the center port of the lens on the 3M™ Full Facepiece 6000 Series with a bayonet style twist lock connection and sealed with a gasket.

### **To remove the center adapter from the facepiece:**

1. Remove the nose cup assembly by pulling away from center adapter base inside facepiece. (Fig. 1)
2. Grasp center adapter at cover and twist counter-clockwise 1/4 turn to disengage bayonet from facepiece lens.
3. Withdraw center adapter from lens center port.

### **To install center adapter assembly:**

1. Align tabs on center adapter base with notches in center port of facepiece lens. (Fig. 2)
2. Slide adapter into lens port. (Fig. 3)
3. Grasp center adapter at cover and twist clockwise 1/4 turn to stop. Be certain center adapter gasket is properly in place and sealed and that the adapter assembly is fully engaged. (Fig. 3)
4. Replace nose cup assembly.

# 3M 6894/37004\*

## Nose Cup Assembly

### *Replacement Instructions*

Important: Keep these *User Instructions* for reference

\* 37004 is a catalog number only. NIOSH approved as 3M™ 6894 Nose Cup Assembly.

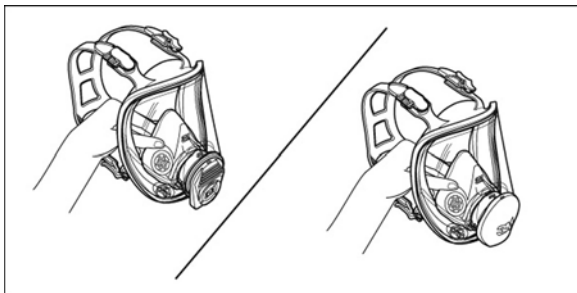


Fig. 1

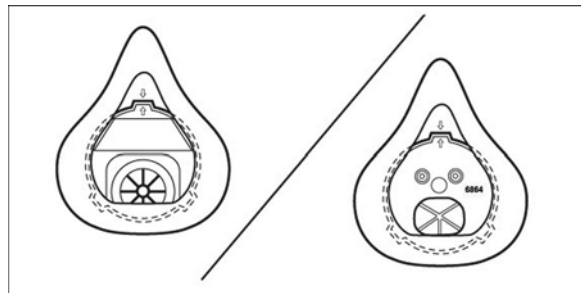


Fig. 2

**The 3M™ 6894 Nose Cup Assembly consists of a nose cup and inhalation valves. It is designed to install onto the center port adapter of the 3M™ 6000 Series Full Facepiece and comfortably fit over the respirator wearer's nose and mouth to aid in purging exhaled breath and prevent lens fogging.**

1. Remove the nose cup assembly by pulling away from center adapter base inside facepiece. (Fig. 1)
2. Position nose cup assembly onto center port adapter as shown, aligning 3 tabs in notches. (Fig. 2)

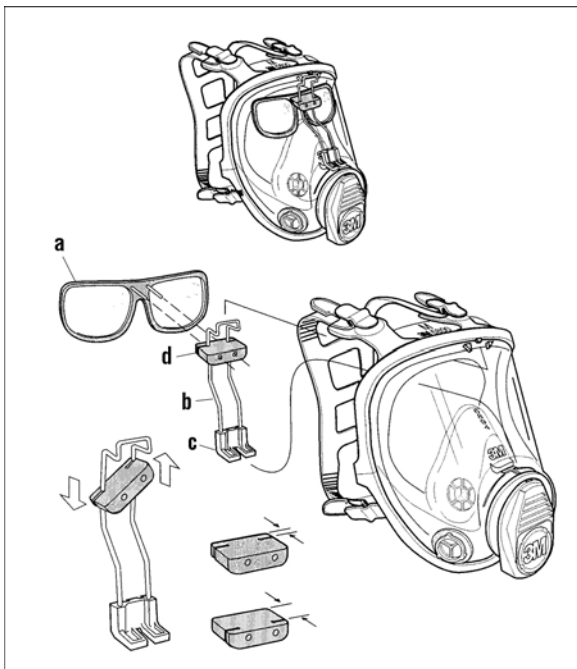
# 3M 6878/07141 Spectacle Kit User Instructions

*(Important: Keep these User Instructions for reference)*

The 3M™ 6878/07141 Spectacle Kit consists of a frame assembly and a rail assembly. The frame assembly is the holder for the corrective lenses. The rail assembly supports the frame assembly in the facepiece and allows for up and down, in and out positioning of the frame assembly.

1. Install rail assembly into facepiece as shown with plastic foot positioned on the center port adapter. (The slot in foot is positioned over ridge on adapter as shown.)
2. Install frame assembly onto rail assembly by inserting pins into holes in rubber slide as shown. The top of rail is centered between nubs at top of face seal. (The rubber slide can be removed from the rail assembly and reversed for additional in and out movement of the frame assembly.)
3. Spectacles can now be moved up, down, in or out to obtain optimal fit and vision.

- a) Frame Assembly
- b) Rail Assembly
- c) Rail Foot
- d) Rubber Slide



# 3M 6885/07142 Lens Cover

*User Instructions*

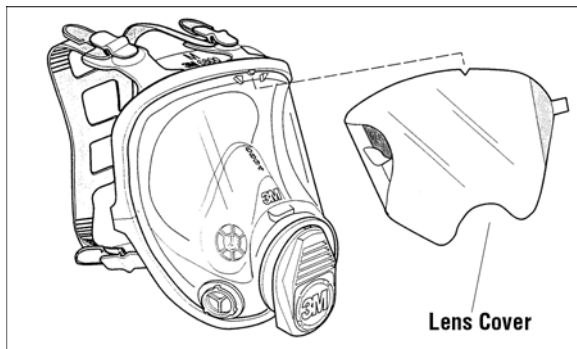
*(Important: Keep these User Instructions for reference)*



**UPC code 0 51131 07142**

The 3M™ Lens Covers are designed to provide a replaceable protective covering for the lens of the 3M™ 6000 Series Full Facepiece Respirator.

1. Remove release liner from adhesive at each side of 6885/07142 lens cover.
2. Position lens cover over the 6000 Series Facepiece lens and adhere in place.
3. Remove used lens cover by lifting tab away from facepiece.



# 3M 6898/37006\*

## Lens Assembly

### Replacement Instructions

Important: Keep these *User Instructions* for reference

\*37006 is a catalog number only. NIOSH approved as 3M™ Lens Assembly 6898. See the 3M™ Full Facepiece 6000 *User Instructions* for approval label.

### 38-9018-9555-7 (Supersedes 38-9018-7177-2)

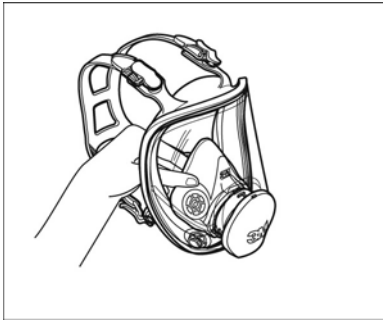


Fig. 1



Fig. 2

The 3M™ 6898 Lens Assembly consists of a hard coated polycarbonate lens with installed bayonet attachment inhalation port fittings, inhalation valves and inhalation port filter/cartridge gaskets.

The lens is replaceable by following these steps:

1. Remove nose cup assembly from inside facepiece. (Fig. 1)
2. Remove center adapter assembly by turning counter-clockwise 1/4 turn and withdrawing from lens center port. (Fig. 2)

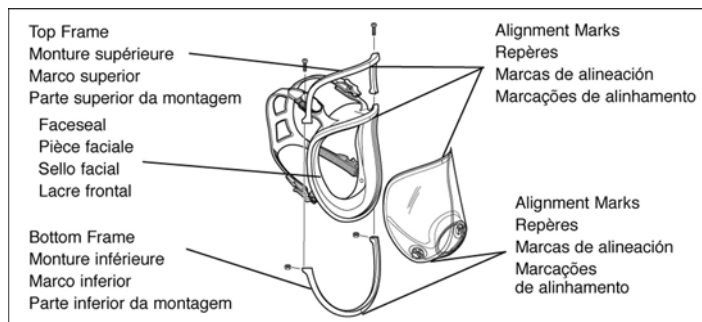


Fig. 3

3. Remove the (2) phillips screws from the lens/face seal frame. Pull the frame top and bottom away from face seal.
4. Remove face seal from lens.
5. Place new lens and face seal together aligning marks at top and bottom. Position top and bottom frame, again aligning marks top and bottom. (Fig. 3) Install and securely tighten screws. Make certain alignment marks are properly aligned top and bottom with all components.
6. Install center adapter assembly.
7. Replace nose cup assembly.

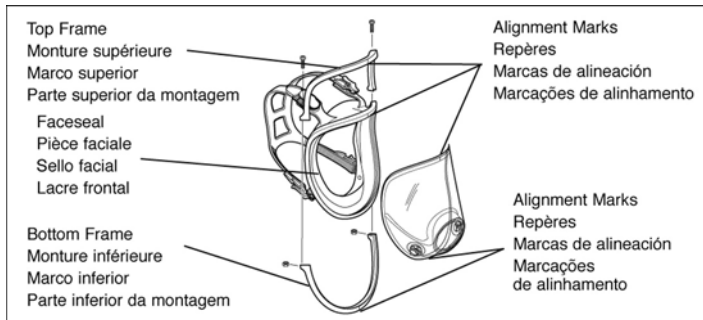


Fig. 3

3. Remove the (2) phillips screws from the lens/face seal frame. Pull the frame top and bottom away from face seal.
4. Remove face seal from lens.
5. Place new lens and face seal together aligning marks at top and bottom. Position top and bottom frame, again aligning marks top and bottom. (Fig. 3) Install and securely tighten screws. Make certain alignment marks are properly aligned top and bottom with all components.
6. Install center adapter assembly.
7. Replace nose cup assembly.