



CAUTION

Before use, thoroughly read MAXAIR® CAPR® P/N 03521015 User Instruction (received with all CAPR Helmets and available at www.maxair-systems.com).



REF 2061-04A

P/N (01031528)

Symbol Definitions



Warning, Caution, or Note



Catalog Number



Part Number



WARNING

Failure to follow User Instructions P/N 03521015 and the instructions contained herein may be hazardous to the user's health.

Use only if package is received unopened and contents are undamaged. If damage is noted, contact the shipper for replacement or repair.

Prior to using any MAXAIR® System or component, be sure to be familiar with the system's NIOSH approved configuration.

DO NOT use if any component is damaged. If any components are damaged or contaminated and therefore unfit for safe and effective use, they should be replaced immediately.

Only trained and experienced personnel who have read and understand the User Instructions should use MAXAIR Products.

The institution using this product in any application is responsible for determining the appropriateness of this equipment relative to regulatory requirements. Bio-Medical Devices Intl, Inc. does not recommend the appropriate systems for a particular institution or facility.

Use only MAXAIR Systems/ NIOSH approved compatible components.

NOT for use in atmospheres immediately dangerous to life or health (IDLH), and atmospheres containing less than 19.5% oxygen, or more than 25% oxygen.

Flammability Level I: fabric may burn if exposed to open flame.

Follow current local regulations governing biohazard waste to safely dispose of single use MAXAIR Products.

If you need more information, contact your BMDI Sales Representative, or call BMDI customer service at 1-800-443-3842.

Intended Use

The MAXAIR CAPR Hard Hat provides Type 1 Hard Hat impact protection when used with a MAXAIR CAPR Powered Air Purifying Respirator (PAPR) Helmet.

Standard CA-CAPR-HH-36 System with 2061-04A Hard Hat



1. 2061-04A Hard Hat w/2071-07 Liner	2. 2167-10 Filter Cartridge
3. 2093-03 Helmet with 2071-07 Liner and 2590-05 Power Cord and 2051-07 Cage removed	4. 2500-36TSC Battery*
5. 2000-76 Battery Belt	6. 2600-02 Battery Charger

Alternate Face Seals, Batteries, and optional Lens

			
2264-01 DLC Shroud	2366-01 DLC Cuff	2500-37TSC Li-Ion Battery	2400-090L Impact Lens

Specifications

Material

Glass filled Nylon

Recommended System Temperature Limits

Use/Handling: 0°C to 54°C at a maximum 80% Relative Humidity.

Charging: 0°C to 45°C at a maximum 80% Relative Humidity.

Storage: 0°C to 35°C at a maximum 80% Relative Humidity.

Performance

FACE/HEAD COVER	FILTER CARTRIDGE	APF
2264-01 ML/SM DLC (Disposabe Lens-Cuff) SHROUDS	2167-10	1,000
	2166-10	
2366-01ML/SM DLC (Disposabe Lens-Cuffs) CUFFS	2167-10	25
	2166-10	

Regulatory

- NIOSH
- ANSI/ISEA Z98.1-2014 Type 1, Class G & C

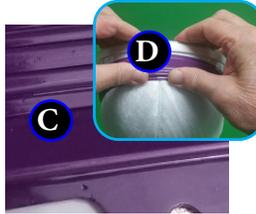
Assembly - Filter Cartridge to 2083-03 Helmet; Hard Hat to 2083-03 Helmet

The 2083-03 ships with a 2051-07 assembled as a shipping protector, a 2071-07 Hard Hat Liner, and a 2590-05 Power Cord.



WARNING

A Filter Cartridge must be installed on the Helmet before use.

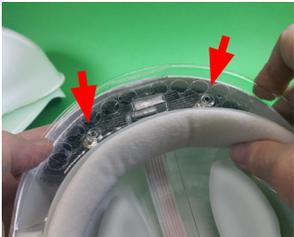


1. Assemble Filter Cartridge to Helmet: Hold Helmet in one hand, lower Filter Cartridge by plastic retainer ring down onto helmet (A), snap rear Cartridge Tab to Rear Helmet Snap (B); snap each side Cartridge Tab to each side Helmet Snap (C). If necessary, press Retainer Ring down close to front Helmet Adapter (D) to get side Tabs over side Snaps (E).



2. Assemble Hard Hat to Helmet: Locate Helmet front Mounting Adapter (E), locate Hard Hat front Mounting Hole (F); Place Adapter into Mounting Hole (G); pull Hard Hat over and down on Helmet (H) until Hard Hat T-Tab (I) is over and snaps to lower rear Helmet Snap (J).

Assembly - Liner (when necessary) and Hard Hat to Helmet



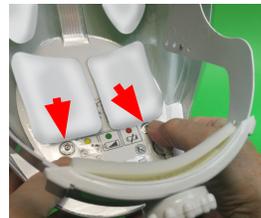
1. Place the Liner front under the Helmet front to align Helmet Snaps with Liner Snap Holes.



2. Press the Liner front right and left snap holes over the Helmet front right and left snaps until secure.



3. Align the Helmet Power Cord with the Liner Cord cutout and press the Liner rear against the Helmet.



4. Press the Liner rear right and left snap holes over the Helmet rear right and left snaps until secure.



5. Ensure the Liner outer edges curls up and over the Helmet edge, all around the Helmet.



6. Locate the inside hole in the Hard Hat front Turn Clip, and the Helmet front Snap.



7. Place the Helmet front snap securely in the Hard Hat front Turn Clip inside hole.



8. Pull the Hard Hat down over the back of the Helmet until its T-Tab hole is over the top rear Snap on the Helmet back.



9. Continue downward movement of Hard Hat until its T-Tab hole snaps securely on Helmet snap.

Disassembly - Liner and Hard Hat from Helmet

Disassembly of the of the Liner and Hard Hat is the reverse of Assembly steps 1-9, immediately preceding.

Assembly - Face (DLC Cuff) or Headcover (DLC Shroud) to Assembled Hard Hat Helmet

DLC Shroud
(Disposable
Lens-Cuff
Shroud)



DLC Cuff
(Disposable
Lens-Cuff Cuff)



CAUTION

Before use, using the peel tab, be sure to remove the lens protecting film from the DLC Cuff Lens.

1. Remove Shroud/Cuff from packaging and lay on a clean surface with label facing up.



2. Securely attach one set of side Lens holes (2) over one side Hard Hat Turn Clip and Mounting Post. Secure Turn Clip vertically.



3. Securely attach the Lens center hole over the Hard Hat center Turn Clip. Secure Turn Clip vertically.

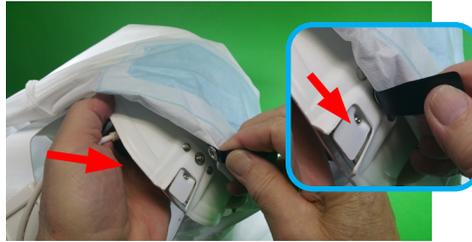


4. Securely attach other set of side Lens holes (2) over other side Hard Hat Turn Clip and Mounting Post. Secure Turn Clip vertically.

Assembly cont'd - SHROUD ONLY



5. Use the black pull tab to pull the Shroud up over the Hard Hat front and back towards the rear.



6. Continue pulling Shroud over and down the back of the Hard Hat and snap to the T-Tab Snap.



7. Attach one side-rear snap of the Shroud to one side-rear snap on the Hard Hat, then repeat for the other side. This step completes the Shroud assembly.

Disassembly - Cuff and Shroud

Disassembly of the DLC Cuff is the reverse of Assembly steps 1-4, immediately preceding.
Disassembly of the Shroud is the reverse of Assembly steps 1-7, immediately preceding.

Assembly - ANSI Z87 Lens



1. Securely attach one set of side Lens holes (2) over one side Hard Hat Turn Clip and Mounting Post. Secure Turn Clip vertically.



2. Securely attach the Lens center hole over the Hard Hat center Turn Clip. Secure Turn Clip vertically.

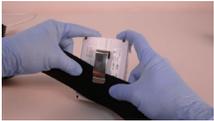


3. Securely attach other set of side Lens holes (2) over other side Hard Hat Turn Clip and Mounting Post. Secure Turn Clip vertically. This step completes Lens Assembly.

Disassembly - ANSI Z87 Lens (follows assembly of a Shroud or Cuff)

Disassembly of the Lens is the reverse of Assembly steps 1-3, immediately preceding.

Don - Battery, Belt, Hard Hat, Helmet, Cuff and Shroud



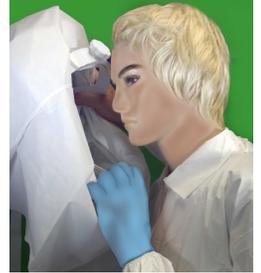
1. Assemble the Battery onto a double layer of Belt. Place top edge of Belt under the Battery Clip, up to the Clip top, so the Clip Detent rests on the Clip Base and NOT the Belt. Place the belt comfortably around the waist with the battery near the side-back of the right hip.



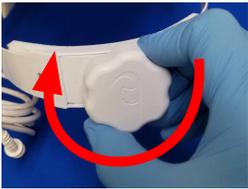
2. Loosen Headband Adjustment Knob (counterclockwise) to allow Helmet to fit over head.



3. Ensure the Cuff Flappers are out away from the Lens and in front of the Liner Side Tabs.



4. Pull top edge of Cuff down, insert chin into cuff and then pull Helmet over and down on the head.



5. Turn Adjustment Knob clockwise to tighten Headband as tight as comfortable to secure Helmet to Head for all anticipated activities.



6. SHROUD ONLY - Pull all bottom edges of the Shroud fully down. Tie the neck ties to within about 1 inch of the neck; tie the body ties comfortably secure around the midsection.



Fully donned Hard Hat System with Shroud and ANSI Lens.



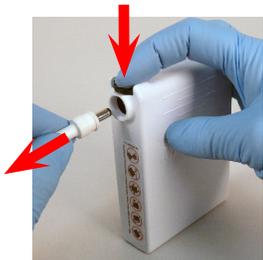
Fully donned Hard Hat System with Cuff and ANSI Lens.

DoFF - Cuff and Shroud Hard Hat System

1-6. Reverse Don steps 1-6, immediately preceding.



7. Unbuckle Belt and remove Battery and Belt from around the waste.



8. Disconnect the Helmet Power Cord from the Battery - push the Secure Connection Button down, pull Cord Connector out, release the Button. Connect the Battery to the Charger.



9. With Charger connected to safe power source, connect Charger Cord to the Battery. Push Charger Cord Connector into Battery Receptacle until fully seated.



WARNING

Refer to Users Instructions (P/N 03521015) for details on chargers and charging batteries.



The entire CAPR System may be decontaminated, cleaned and/or stored at this time.