

**CAUTION**  
Before use, read and follow the Base System User Instructions received with all MAXAIR Helmets for warnings, cautions, and details (also available at [maxair-systems.com](http://maxair-systems.com)).



**REF** 2099-21  
**P/N** 03831036



2099-21 ChinBar  
Assembled to 2085-03 Helmet

#### Intended Use

The MAXAIR 2099-21 ChinBar provides an optional additional support to the lens of the headcovers of MAXAIR 2085-03, 2086-03, and 2084-04 Helmet based systems.

#### Specifications

MAXAIR 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.

#### Materials

Nylon 6-6, White

#### Regulatory

NIOSH

#### Symbol Definitions



Warning, Caution, or Note



Catalog Number



NIOSH 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 NIOSH approved respirator configurations.

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.

#### Key Components

2099-21 ChinBar

Long Front Foot Short Rear Foot

Front Screw

Rear Screw

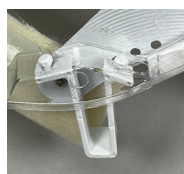


2085-03 and 2086-03 Helmets

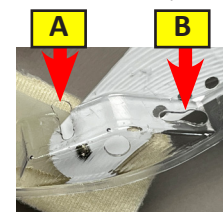


ChinBar  
Mounting  
Holes

2084-04 Helmet Liner (2071-08)



1. Side Tab Installed



2. Side Tab Removed:  
A) Front Slot  
B) Rear Slot



3. Wingnuts

### Disassemble Liner Side Tabs (both sides of Helmet)

#### 2085-03 and 2086-03 Helmets



1. Using a Phillips-Head Screwdriver, remove the two attaching screws A and B on both the right and left Side Tabs and remove both Tabs from the Helmet.

#### 2084-04 Helmets



1. On one Side Tab, press its front leg in towards the Helmet to free its Front Foot from the Liner.



2. Pull the Side Tab rearward so the Rear Foot is in the enlarged portion of the Liner Rear Slot.



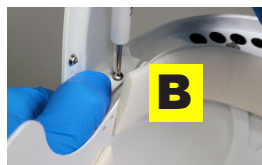
3. Pull the Side Tab down and off the Liner. Repeat 1-3 for the other Side Tab.

### Assemble the ChinBar to the 2085-03 and 2086-03 Helmet, or the 2084-04 Helmet Liner (2071-08)

#### 2085-03 and 2086-03 Helmets



1. On one side of the Helmet, align the ChinBar Screws with the Helmet's ChinBar Mounting Holes (A).



2. With a Philips screwdriver, screw in the Front Screw (B); then screw in the Rear Screw (C).



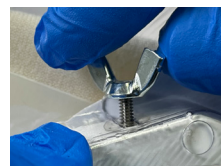
3. Ensure both Screws are fully seated and secure.

4. Repeat 1-3 for the other side of the ChinBar.

#### 2084-04 Helmet Liner (2071-08)



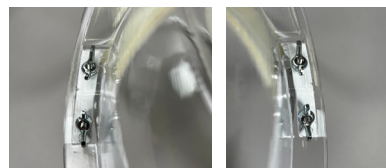
1. On one side of the Liner, position one side of the ChinBar with its Front Screw into the Front Slot, and the Rear Screw into the Rear Slot.



2. Place a Wing Nut on one Screw and tighten it fully. Repeat for the other Screw.



3. If the Screw turns when tightening the Wing Nut, use a Philips screwdriver to hold the Screw and secure the Wing Nut.



4. Repeat 1-3 for the other side. Finish by aligning the Wings of the Wing Nuts parallel to the sides of the Liner.

### Disassembly - ChinBar from Helmet

1. Reverse Assembly steps 1-4.

### Re-Assemble Side Tabs to the Helmet Liner (when use of the ChinBar is not desired)

1. Reverse Disassemble Liner Side Tabs 2084-04 Helmets steps 1-3.



#### NOTE

To replace defective ChinBars and Side Tabs use the above procedures for disassembly of the old and assembly of the new of each item.