

# GENTEX®

## OPERATOR'S MANUAL TACTICAL BALLISTIC HELMET II (TBH II) CLEAN • MISSION-CONFIGURED

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Low-Cut



Low-Cut



Mid-Cut



Mid-Cut



High-Cut



High-Cut

TBH II LOW-CUT • TBH II MID-CUT • TBH II HIGH-CUT

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# COMPONENT DESCRIPTION

## OVERVIEW

The TBH-II is available in four **sizes**: **Small (SM)**, **Medium (MD)**, **Large (LG)**, and **Extra Large (XL)**.

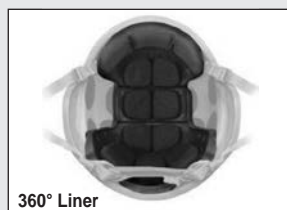
The TBH-II is available in two **configurations**:



The TBH-II is available in three **cuts**:



The TBH-II is available in three **suspension** (pad/liner) options:



The TBH-II is available in two **retention** (chin strap) options:



# COMPONENT DESCRIPTION

## HELMET SHELL

### Trim Options

The helmet shell is available in three trim (cut ) options: **Low-Cut**, **Mid-Cut**, and **High-Cut**. These options provide a balance between side coverage and integration with communication equipment.

#### Low-Cut

- Provides greatest degree of side protection
- Capable of integration with in-ear communication systems



#### Mid-Cut

- Provides medium degree of side protection
- Average decrease in side protection coverage of helmet is 11%
- Capable of integration with in-ear and typical headset communication systems



#### High-Cut

- Provides lowest degree of side protection
- Average decrease in side protection coverage of helmet is 35%
- Capable of integration with full range of passive and active noise reduction headset communication systems



### NVG Attachment Hole Options

Each helmet may be ordered with no holes, one hole, or three holes. The one-hole and three-hole options allow the attachment of shrouds that hold Night Vision Goggle (NVG) mounting brackets.

No holes  
(non-NVG)



One hole



Three holes

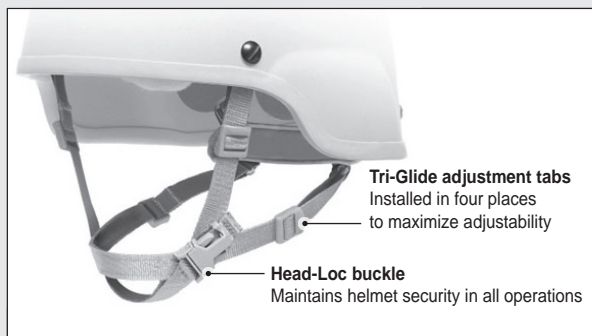
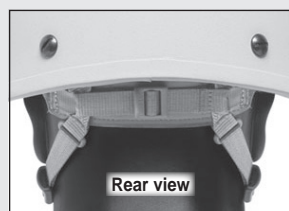


# COMPONENT DESCRIPTION

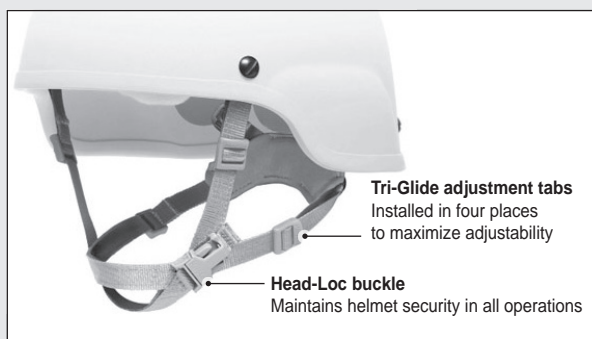
## RETENTION (CHIN STRAP) ASSEMBLY

Two retention (chin strap) options are available: **H-Nape Head-Loc** and **X-Nape Head-Loc**. Both options are available in Right Eye Dominate (RED) or Left Eye Dominate (LED) versions. Both options feature a patented design that secures the helmet to the wearer's head with four points of contact (secured with **ballistic bolts and T-nuts**) to the helmet and direct lines from the helmet to the chin cup.

### H-Nape Head-Loc

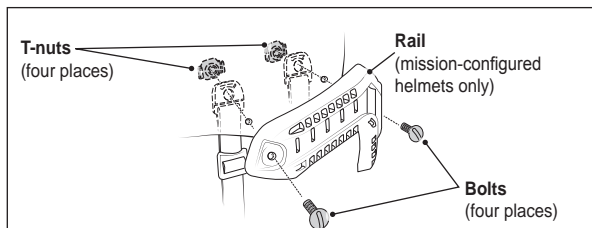


### X-Nape Head-Loc



### Ballistic Bolts and T-nuts

Ballistic bolts and T-nuts simplify retention (chin strap) replacement. They also resist penetration and impact spalling caused by handgun and fragmentation threats.



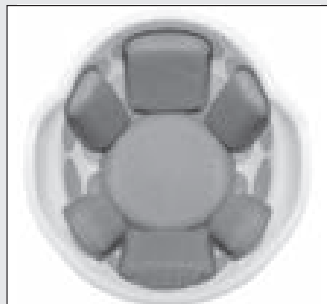
# COMPONENT DESCRIPTION

## SUSPENSION (PAD/LINER) SYSTEM

Three suspension (pad/liner) system options are available: the **Team Wendy 7-Pad Kit**, the **Gentex Adjustable 8-Pad Kit**, and the **Gentex 360° Liner Kit**. Each option is designed to secure the helmet on the wearer's head. All options (except Team Wendy) allow the movement of the pads for the integration of communication systems with a low-profile headband.

### Team Wendy 7-Pad Kit

Available in ¾-inch and 1-inch thicknesses for fitting adjustments



### Adjustable 8-Pad Kit

- Each pad consists of a fabric cover containing one thick foam pad and two thinner foam pads
- One or both thinner foam pads can be removed for fitting adjustments

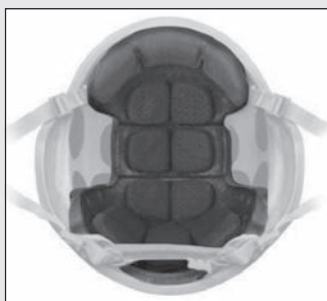


### 360° Liner Kit

- Consists of a foam impact liner, a front pad, and a set of ventilated comfort pads
- Helmet ships with ½-inch thick comfort pads installed; ¼-inch thick comfort pads and ¾-inch thick comfort pads are also included for fitting adjustments



Exterior view





# COMPONENT DESCRIPTION

## COMPONENTS FOR MISSION-CONFIGURED HELMETS

Standard components for the Mission-Configured TBH-II include the **Skeleton Shroud**, **Skeleton Rails**, **Carabiner Bungees**, **Hook Bungees**, the **Exterior Velcro Kit**, two **Picatinny Adapters**, and two **Wing-Loc Adapters**. Optional styles of shrouds and rails are also available.

### STANDARD COMPONENTS

**Picatinny Adapters**  
Attach items to rails



**Wing-Loc Adapters**  
Attach items to rails



#### **Skeleton Shroud**

- Compatible with most NVG mounting brackets
- Also holds lights, cameras, and other accessories

#### **Exterior Velcro Kit**

- Permit attachment of head-borne accessories
- Five-piece kit in sizes that match helmet sizes

#### **Carabiner Bungees**

- Reduce rattle and vibration of NVGs
- Attach quickly and easily to shroud and rails

#### **Hook Bungees**



#### **Skeleton Rails (two places)**

- Hold various items such as visors, mandibles, lights, and cameras
- Attach to helmet with retention hardware

### OPTIONAL COMPONENTS

#### **VAS Shroud**



#### **ARC Rails**



# HELMET PREPARATION

Helmet preparation includes determining helmet size, checking the fit of the pad suspension, and adjusting the chin strap.

## DETERMINING HELMET SIZE

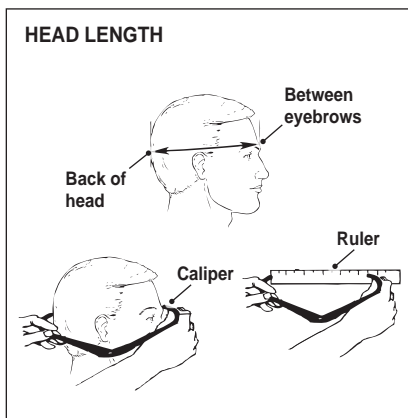
Helmet sizes are Small, Medium, Large, and X-Large. To determine size, you must (1) measure and record the wearer's **head length**, (2) measure and record the wearer's **head breadth**, (3) measure and record the wearer's **head circumference**, and (4) select the helmet size based upon the parameters in the tables on Page 7.

### Tools/Equipment Needed:

- Caliper
- Ruler
- Tape measure

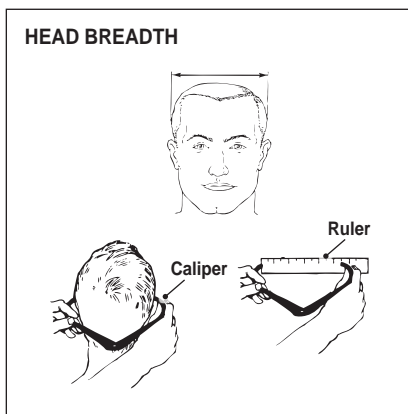
### 1 MEASURE HEAD LENGTH

Use a caliper and a ruler to measure the distance (to the nearest  $\frac{1}{16}$  inch) from the point between the eyebrows to the back of the head. Ensure that the caliper touches the skin lightly and does not indent the skin. Record the measurement.



### 2 MEASURE HEAD BREADTH

Use a caliper and a ruler to measure the maximum head width (to the nearest  $\frac{1}{16}$  inch) above the ears. Ensure that the caliper touches the skin lightly and does not indent the skin. Record the measurement.



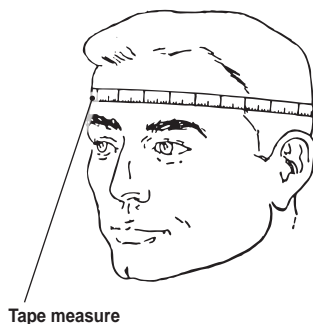
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# HELMET PREPARATION

## 3 MEASURE HEAD CIRCUMFERENCE

Use a tape measure to determine the maximum head circumference (to the nearest  $\frac{1}{16}$  inch) above the ears. Ensure that the caliper touches the skin lightly and does not indent the skin. Record the measurement.

HEAD CIRCUMFERENCE



## 4 SELECT HELMET SIZE

Referring to the tables below (for inches or millimeters), select the **helmet size** based on **head length**, **head breadth**, and **head circumference**.

### INCHES:

Helmet Size	Head Length (in.)	Head Breadth (in.)	Head Circumference (in.)
Small (S)	Up to 7 $\frac{1}{4}$	Up to 6 $\frac{1}{2}$	Up to 21 $\frac{1}{4}$
Medium (M)	7 $\frac{1}{4}$ to 7 $\frac{3}{4}$	6 $\frac{1}{2}$	21 $\frac{1}{4}$ to 22 $\frac{1}{2}$
Large (L)	7 $\frac{3}{4}$ to 8 $\frac{1}{4}$	6 $\frac{1}{2}$	22 $\frac{1}{2}$ to 23 $\frac{1}{2}$
Extra Large (XL)	8 $\frac{1}{4}$ and greater	6 $\frac{1}{2}$ and greater	23 $\frac{1}{2}$ and greater

### MILLIMETERS:

Helmet Size	Head Length (mm)	Head Breadth (mm)	Head Circumference (mm)
Small (S)	Up to 184	Up to 165	Up to 539
Medium (M)	184 to 196	165	539 to 571
Large (L)	196 to 209	165	571 to 596
Extra Large (XL)	209 and greater	165 and greater	596 and greater

**NOTE:** For best sizing, wear the helmet with all forms of equipment that will be used during an operation. Include length of hair, balaclava, cold-weather gear, protective mask, and communication equipment. If unable to obtain size with actual helmets, select largest size helmet based on any of the three measurements obtained using a caliper and/or tape measure.

# HELMET PREPARATION

## CHECKING SUSPENSION (PAD/LINER) FIT — TEAM WENDY

### **WARNING**

Ensure the helmet is properly adjusted for a snug, secure fit at all times when the helmet is worn. Failure to do so can result in an unstable helmet that will not protect the wearer.

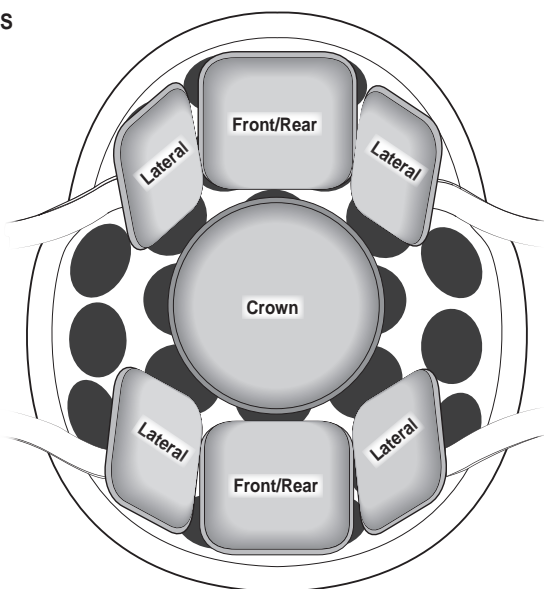
### **1** PLACE THE HELMET ON THE HEAD.

Leave the chin strap loose for now. Allow the helmet to settle on the head for a few minutes. Ensure that the front pads are just above the eyebrows. If necessary, adjust the fit as follows:

- **Helmet too high or too tight:** Remove the pads and install a **thinner** pad set (ordered separately) as shown. Re-check the fit.
- **Helmet too low or too loose:** Remove the pads and install a **thicker** pad set (ordered separately) as shown. Re-check the fit.

**NOTE:** The **Team Wendy** pad kit is available in the following thicknesses: ¾-inch-thick pads, and 1-inch-thick pads (with a ¾-inch-thick crown pad). The helmet is supplied with one of these pad sets. The user must order other pad sets separately if needed.

#### TEAM WENDY PADS



### **2** PROCEED TO ADJUSTING RETENTION (CHIN STRAP) — PAGE 12.

# HELMET PREPARATION

## CHECKING SUSPENSION (PAD/LINER) FIT—ADJUSTABLE

### WARNING

Ensure that the helmet is properly adjusted for a snug, secure fit at all times when the helmet is worn. Failure to do so can result in an unstable helmet that will not protect the wearer.

Each pad contains one ½-inch-thick foam pad and two ¼-inch-thick foam pads inside the cover. For impact protection and helmet stability, you must keep all ½-inch-thick foam pads inside the covers and all pads properly installed in the helmet when the helmet is worn. Remove the ¼-inch-thick pads only where necessary to adjust the fit.

### 1 PLACE THE HELMET ON THE HEAD.

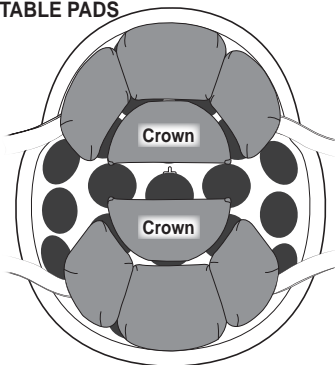
Leave the chin strap loose for now. Allow the helmet to settle on the head for a few minutes.

### 2 CHECK THE HELMET HEIGHT.

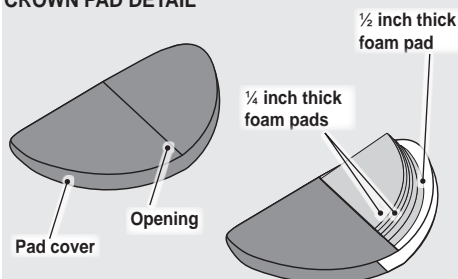
The front pads should be just above the eyebrows. If the helmet is too high, have the wearer remove the helmet. Adjust the height as follows:

- Remove the two crown pads, noting their position inside the helmet.
- Remove one or both ¼-inch-thick foam pads from each pad cover.
- Reinstall both crown pads (**with at least the ½-inch-thick foam pad inside each one**) in the helmet in the same positions from which they were removed. **Ensure that the opening in each crown pad cover faces the hook fasteners inside the helmet.**
- If the wearer uses a headset, space the crown pads to accommodate the headband of the headset.
- Have the wearer don the helmet. Recheck the helmet height.

#### ADJUSTABLE PADS



#### CROWN PAD DETAIL



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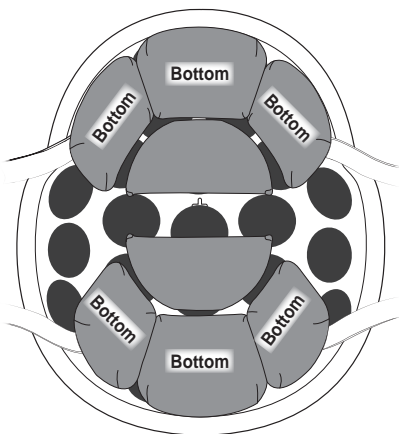
# HELMET PREPARATION

## 3 CHECK THE OVERALL HELMET FIT

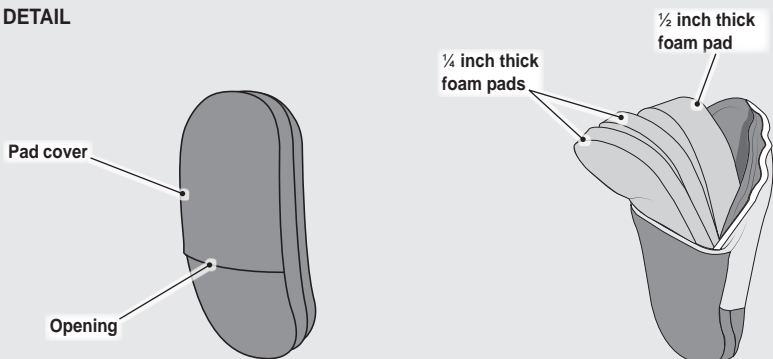
Ensure that the helmet fit is snug and secure, yet comfortable. If the helmet is too tight, have the wearer remove the helmet, adjust the bottom pads as follows:

- Remove the bottom pads from the helmet as needed, noting their position inside the helmet.
- Remove **one or both ¼-inch-thick foam pads** from the pad cover.
- Reinstall the bottom pads (**with at least the ½-inch-thick foam pad inside each one**) in the helmet in the same positions from which they were removed. **Ensure that the opening in each pad cover faces the hook fasteners inside the helmet.**
- Have the wearer don the helmet again. Recheck the fit.

### ADJUSTABLE PADS



### BOTTOM PAD DETAIL



## 4 PROCEED TO ADJUSTING RETENTION (CHIN STRAP) — PAGE 12.

# HELMET PREPARATION

## CHECKING SUSPENSION (PAD/LINER) FIT — 360° LINER

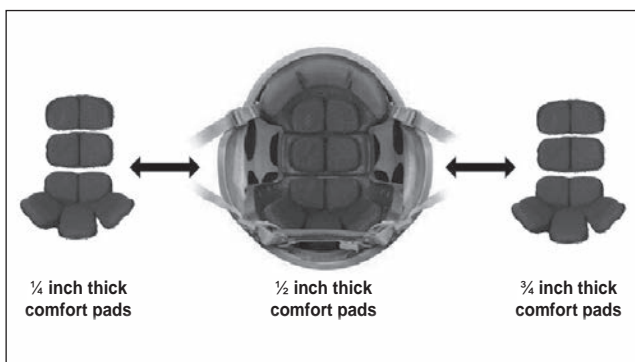
### **WARNING**

Ensure the helmet is properly adjusted for a snug, secure fit at all times when the helmet is worn. Failure to do so can result in an unstable helmet that will not protect the wearer.

### **1 PLACE THE HELMET ON THE HEAD.**

**Leave the chin strap loose for now.** Allow the helmet to settle on the head for a few minutes before checking the fit. Ensure that the front pad is just above the eyebrows. If necessary, adjust the fit as follows:

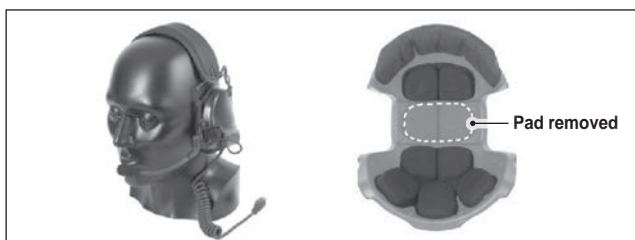
- **Helmet too high or too tight:** Remove the ½-inch-thick comfort pads and install the ¼-inch-thick pads as shown. Re-check the fit.
- **Helmet too low or too loose:** Remove the ½-inch-thick comfort pads and install the ¾-inch-thick pads as shown. Re-check the fit.



**NOTE:** The **360° Liner** kit is shipped with the ½-inch-thick comfort pads installed. The ¼-inch thick comfort pads and the ¾-inch-thick comfort pads are included in the package. You can use a combination of pad thicknesses to achieve the best comfort and fit.

### **2 IF USING A HEADSET, CONFIGURE THE PADS ACCORDINGLY.**

Remove the comfort pad located at the crown.



### **3 PROCEED TO ADJUSTING RETENTION (CHIN STRAP) — PAGE 12.**

# HELMET PREPARATION

## ADJUSTING RETENTION (CHIN STRAP)

### **WARNING**

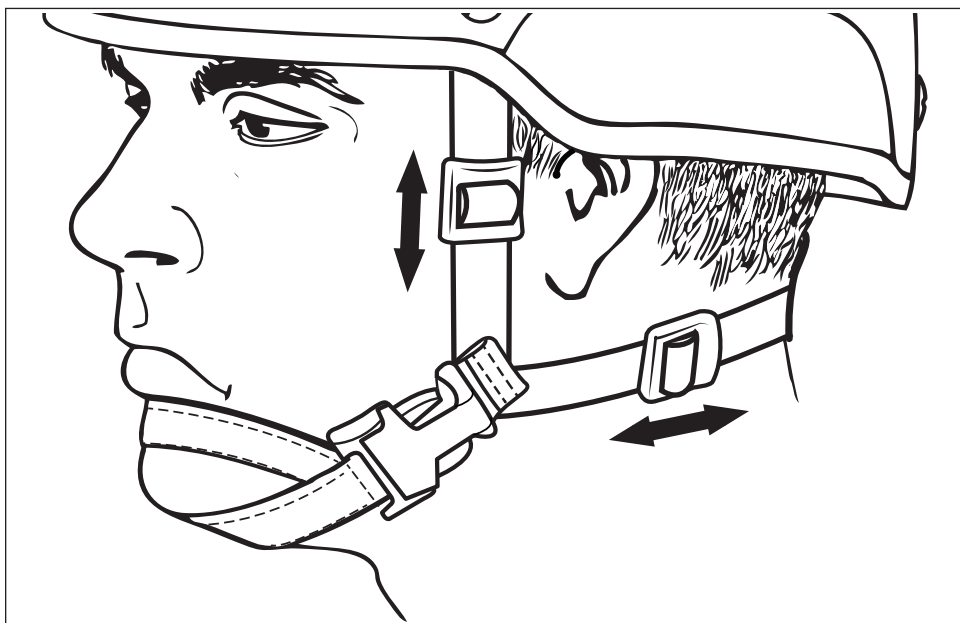
Ensure that all helmet adjustment mechanisms are properly adjusted for a snug, secure fit at all times when the helmet is worn. Failure to do so can result in an unstable helmet that will not protect the wearer.

### **1** BUCKLE THE CHIN STRAP.

With both hands, adjust the two rear slide adjustments simultaneously until the straps are snug.

With both hands, adjust the two **front** slide adjustments simultaneously until the straps are snug.

**NOTE:** This technique works best if you only hold the slide adjustments and don't touch the straps.



### **2** CHECK THE HELMET STABILITY.

Attempt to rock the helmet back and forth on the head. If the helmet rocks back and forth, it is not stable. Adjust the straps further until the helmet is stable.

**NOTE:** Release the buckle to remove the helmet.

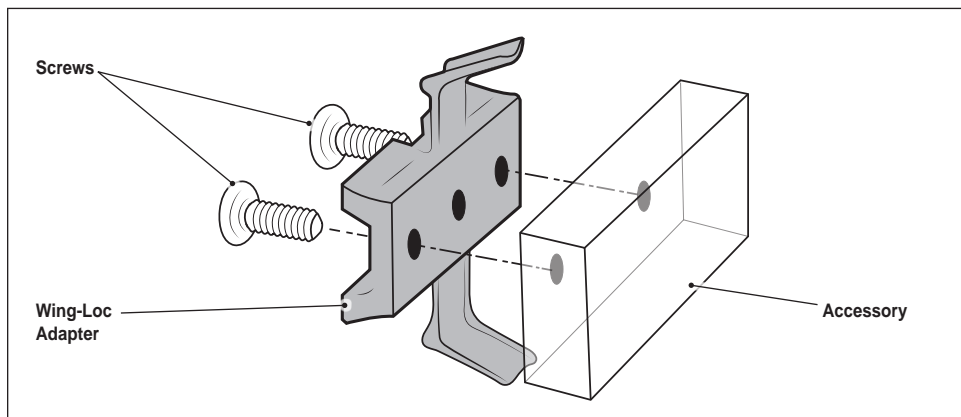


# HELMET PREPARATION

## INSTALLING WING-LOC ADAPTER

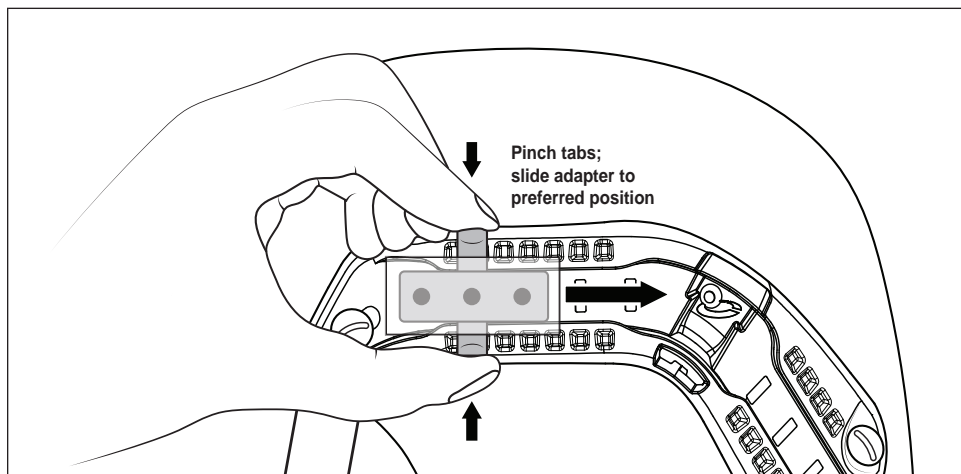
### 1 ATTACH THE ACCESSORY TO THE ADAPTER.

Attach the desired accessory to the Wing-Loc adapter by inserting the screws through the adapter holes and tightening the screws into the accessory holes.



### 2 INSTALL THE ADAPTER ONTO THE RAIL.

Pinch the tabs, and slide the Wing-Loc adapter and slide the adapter (with accessory attached) to the preferred position on the rail.

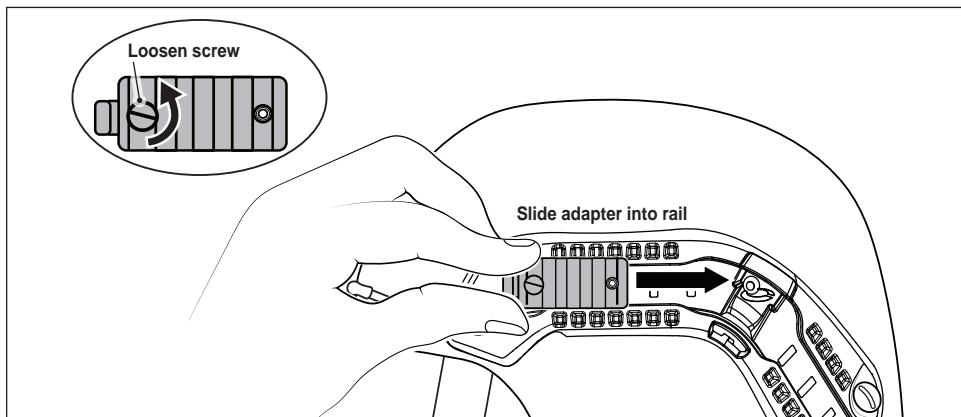


# HELMET PREPARATION

## INSTALLING PICATINNY ADAPTER

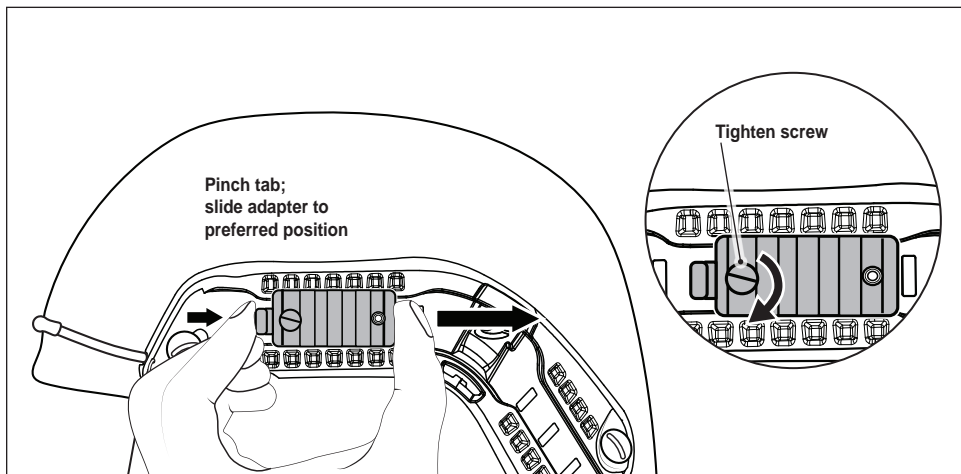
### 1 INSERT THE ADAPTER INTO THE RAILS

Loosen the screw on the Picatinny adapter. Place the adapter within the grooves of the rail, and slide the adapter into the rail as far as possible.



### 2 POSITION THE ADAPTER WITHIN THE RAILS.

Pinch the tab, and slide the adapter to the preferred position. Ensure that the screw is aligned with the rail slot in the preferred position, and tighten the screw.



# MAINTENANCE

## PREVENTIVE MAINTENANCE CHECKS

Perform preventive maintenance tasks for each component as described in the table below.

Component	Examine for:	Helmet is not ready if:
Helmet Shell	<ul style="list-style-type: none"> <li>Gouges, scrapes, cracks, delamination or other damage extending below the paint</li> <li>Loose or damaged edging</li> </ul>	<ul style="list-style-type: none"> <li>Gouges, scrapes, cracks, delamination or other damage extends below the paint</li> <li>Edging is loose or damaged</li> </ul>
Suspension (Pad/Liner)	<ul style="list-style-type: none"> <li>Cuts, tears or other damage to outer fabric or inner foam</li> <li>Exposed foam</li> <li>Pads that do not return to original shape when squeezed</li> <li>Worn hook/pile fasteners</li> </ul>	<ul style="list-style-type: none"> <li>Pads are torn, cut, or otherwise damaged</li> <li>Foam is exposed</li> <li>Pads do not return to original shape when squeezed</li> <li>Hook/pile fasteners fail to hold pads in place</li> </ul>
Retention (Chin Strap)	<ul style="list-style-type: none"> <li>Cuts, frays or other damage; or loose or damaged stitching in the webbing</li> <li>Missing, cracked, worn, or damaged Head-Loc buckle or Tri-Glide adjustment</li> <li>Loose or missing screw or T-nut</li> </ul>	<ul style="list-style-type: none"> <li>Webbing is frayed more than ½ inch or has a discernible cut; or stitching is loose or damaged</li> <li>Head-Loc buckle or Tri-Glide adjustment is missing, cracked, or worn.</li> <li>Screw or T-nut is loose or missing</li> </ul>
Shroud, rails, or bungees (mission-configured helmets)	<ul style="list-style-type: none"> <li>Loose or missing hardware</li> </ul>	<ul style="list-style-type: none"> <li>Hardware is loose or missing</li> </ul>

## CLEANING

Perform cleaning tasks for each component as described in the table below.

Component	Cleaning Procedure
Helmet Shell	Clean with mild soap and water; use a soft brush. Allow to dry.
Suspension (Pad/Liner)	Spot-clean with mild soap and water; use air pressure to remove dust and dirt. Pads may be machine-washed, but <b>do not machine-dry</b> ; allow to air-dry.
Retention (Chin Strap)	Same as suspension (pad/liner)
Shroud, rails, or bungees (mission-configured helmets)	Wipe with damp cloth

# MAINTENANCE

## REPLACING SUSPENSION (PAD/LINER)—TEAM WENDY

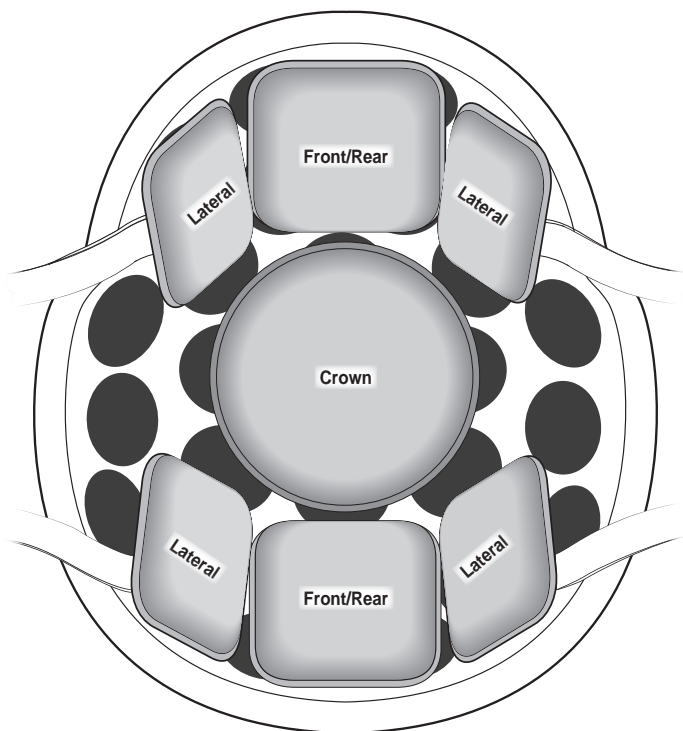
### 1 REMOVE THE EXISTING PADS.

When removing the pads, note their position and orientation in the helmet. Also note the pad thickness: the **Team Wendy** version has  $\frac{3}{4}$ -inch-thick or 1-inch-thick pads.

### 2 INSTALL THE REPLACEMENT PADS.

Use the same pad thickness, and install the pads in the same position and orientation as the previous pads.

Don the helmet, and check the fit in accordance with Page 8 and Page 12. Make any necessary adjustments.



# MAINTENANCE

## REPLACING SUSPENSION (PAD/LINER)—ADJUSTABLE

### WARNING

Each pad contains one ½-inch-thick foam pad and two ¼-inch-thick foam pads inside the cover. **For impact protection and helmet stability, you must keep all ½-inch-thick foam pads inside the covers and all pads properly installed in the helmet when the helmet is worn.** Remove the ¼-inch-thick pads only where necessary to adjust the fit.

### 1 REMOVE THE EXISTING PADS.

Remove the pads from the helmet, noting their position and orientation in the helmet.

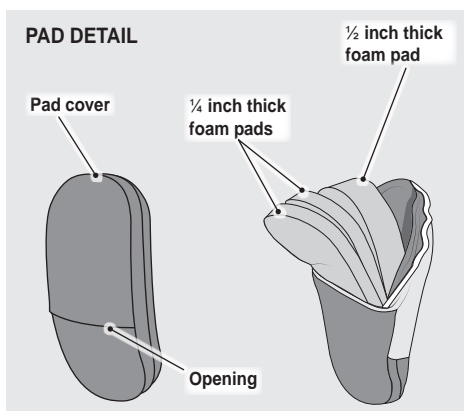
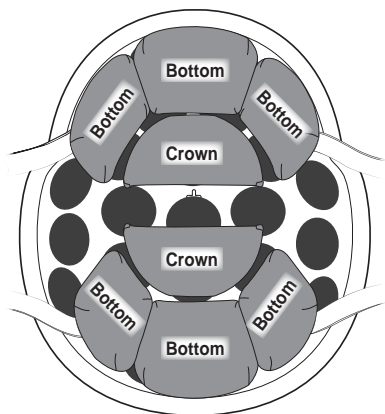
Look inside each of the removed pads, noting which foam pads are installed inside the cover.

### 2 INSTALL THE REPLACEMENT PADS.

If only the ½-inch-thick foam pads were used in the previous pads, remove the ¼-inch-thick foam pads from the replacement pads. Otherwise, leave the ¼-inch-thick foam pads inside.

Install the replacement pads in the helmet in the same manner in which the previous pads were installed. If the wearer uses a headset, space the crown pads to accommodate the headband of the headset.

Don the helmet, and check the fit in accordance with Page 9 and Page 12. Make any necessary adjustments.



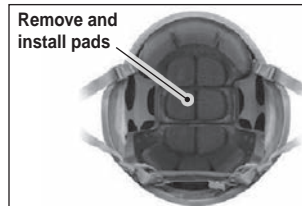
# MAINTENANCE

## REPLACING SUSPENSION (PAD/LINER)—360° LINER

### COMFORT PADS ONLY:

#### 1 REMOVE THE EXISTING PADS.

Note the comfort pad position, orientation, and thickness.



#### 2 INSTALL THE REPLACEMENT PADS.

Select the same pad thickness as previously installed.

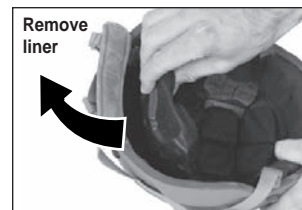
Install the replacement pads in the helmet in the same manner in which the previous pads were installed. If the wearer uses a headset, space the crown pads to accommodate the headband of the headset.

Don the helmet, and check the fit in accordance with Page 11 and Page 12. Make any necessary adjustments.

### LINER WITH PADS:

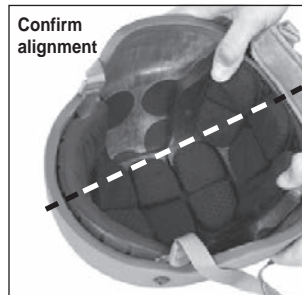
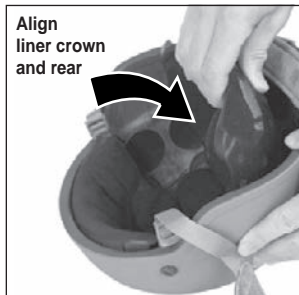
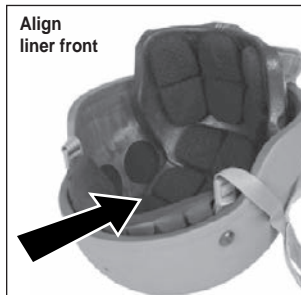
#### 1 REMOVE THE LINER.

Pull the liner out from the rear of the helmet.



#### 2 INSTALL THE REPLACEMENT LINER.

Align the replacement liner along the front edge of the helmet shell while applying pressure to ensure that the Velcro securely attaches. Then guide the crown and the rear of the liner into the helmet shell, continuing to apply pressure. Confirm that the liner is properly aligned; adjust further if necessary.



# MAINTENANCE

## REPLACING RETENTION (CHIN STRAP)

### 1 REMOVE THE EXISTING RETENTION

If your helmet has the **Team Wendy** pad kit or the **Adjustable** pad kit, remove the four pads (shown below) to reach the interior attaching hardware, noting the position of the pads.

If your helmet has the **360° Liner** kit, remove the liner following the instructions on Page 18. (see Step 1 of **LINER WITH PADS**) to reach the attaching hardware.

Remove the four screws and T-nuts attaching the retention assembly (and the rails, if installed) to the helmet.

**NOTE:** This procedure applies to both the X-Nape and X-Nape retention.

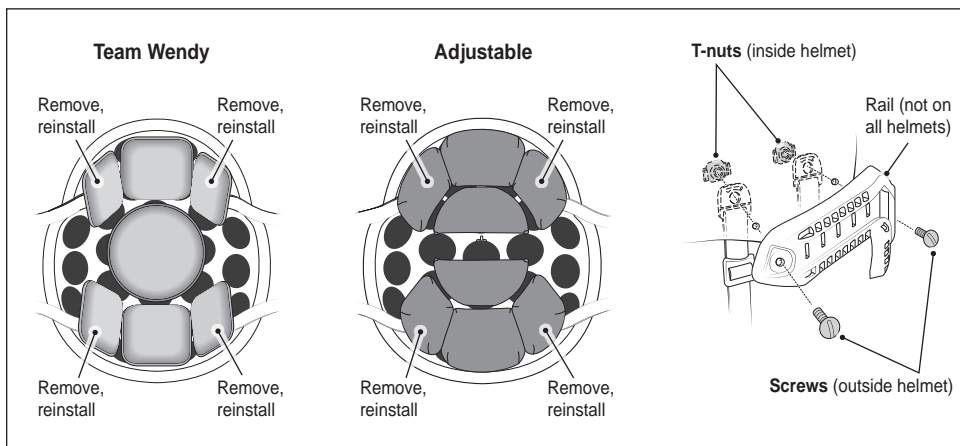
### 2 INSTALL THE REPLACEMENT RETENTION

Install the replacement retention assembly (and the rails, if applicable) with the four screws and T-nuts.

If your helmet has the **Team Wendy** pad kit or the **Adjustable** pad kit, reinstall the front and rear pads in the positions from which they were removed.

If your helmet has the **360° Liner**, reinstall the liner following the instructions on Page 18 (see Step 2 of **LINER WITH PADS**).

Don the helmet, and check the fit in accordance with Page 8 through Page 12 as applicable. Make any necessary adjustments.



# PART NUMBERS

## HELMET PART NUMBERS—TBH II



### LOW-CUT

Hole Pattern	SM	MD	LG	XL
No NVG Hole	A13899-1*	A13899-2*	A13899-3*	A13899-4*
One NVG Hole	A13899-5*	A13899-6*	A13899-7*	A13899-8*
Three NVG Holes	A13899-9*	A13899-10*	A13899-11*	A13899-12*

### MID-CUT

Hole Pattern	SM	MD	LG	XL
No NVG Hole	A13900-1*	A13900-2*	A13900-3*	A13900-4*
One NVG Hole	A13900-5*	A13900-6*	A13900-7*	A13900-8*
Three NVG Holes	A13900-9*	A13900-10*	A13900-11*	A13900-12*

### HIGH-CUT

Hole Pattern	SM	MD	LG	XL
No NVG Hole	A13901-1*	A13901-2*	A13901-3*	A13901-4*
One NVG Hole	A13901-5*	A13901-6*	A13901-7*	A13901-8*
Three NVG Holes	A13901-9*	A13901-10*	A13901-11*	A13901-12*

\* Each helmet part number also includes four **suffixes** that denote **helmet variations**—helmet shell color, retention (chin strap) type, suspension (pad/liner) type, and mission-configured components if used). These suffixes are described, and variations are shown, on Pages 21–27.



# PART NUMBERS

## HELMET VARIATIONS

Each helmet part number is followed by four suffixes that denote the helmet variations shown below. Suffix 1 (**A** through **N**) denotes helmet shell color. Suffix 2 (**99**, **01** through **54**) denotes retention (chin strap) color, size, and type. Suffix 3 (**Z**, **A** through **K**) denotes suspension (pad/liner) type and thickness. Suffix 4 (**99**, **01** through **60**) denotes mission-configured components. See Pages 22–27 for suffixes.

### Example 1 (Clean): 13899-1A09B99

**13899-1:** TBH II Low-Cut, Small, No NVG Hole

- **A (Suffix 1):** Black helmet shell
- **09 (Suffix 2):** Black Small/Medium H-Nape Retention, LED
- **B (Suffix 3):** 1-inch Team Wendy Pads
- **99 (Suffix 4):** None (no mission-configured components)

### Example 2 (Mission-Configured): 13899-9A09B01

**13899-9:** TBH II Low-Cut, Small, Three NVG Holes

- **A (Suffix 1):** Black helmet shell
- **09 (Suffix 2):** Black Small/Medium H-Nape Retention, LED
- **B (Suffix 3):** 1-inch Team Wendy Pads
- **01 (Suffix 4):** Skeleton Rails W/ Bungee Kit & 22mm Hardware, Skeleton Shroud, Exterior Velcro

#### Suffix 1: Helmet Shell Color



#### Suffix 2: Retention (Chin Strap) Color, Size, and Type



#### Suffix 3: Suspension (Pad/Liner) Type



Team Wendy

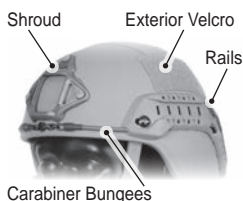


Adjustable



360° Liner

#### Suffix 4: Mission-Configured Components



# PART NUMBERS

## HELMET SHELL COLOR

Suffix 1	Color
A	Black No. 37038
B	Green 383
C	Olive Drab No. 34088
D	CHP Blue
E	UN Blue No. 15200
F	Tan No. 33446
G	Foliage Green
H	Coyote Brown
J	Metallic Blue
K	N/A
L	Gray
M	Fast/Urban Tan

## RETENTION (CHIN STRAP)COLOR , SIZE, AND TYPE

LED = Left Eye Dominate

RED = Right Eye Dominate

Suffix 2	Color	Size	Type
99		Not Required	
01	Tan	SM/MD	H-Nape (RED)
02	Tan	SM/MD	X-Nape (RED)
03	Tan	LG/XL	H-Nape (RED)
04	Tan	LG/XL	X-Nape (RED)
05	Foliage Green	SM/MD	H-Nape (RED)
06	Foliage Green	SM/MD	X-Nape (RED)
07	Foliage Green	LG/XL	H-Nape (RED)
08	Foliage Green	LG/XL	X-Nape (RED)
09	Black	SM/MD	H-Nape (RED)
10	Black	SM/MD	X-Nape (RED)
11	Black	LG/XL	H-Nape (RED)
12	Black	LG/XL	X-Nape (RED)

CONTINUED ON NEXT PAGE

# PART NUMBERS

RETENTION (CHIN STRAP)COLOR , SIZE, AND TYPE LED = Left Eye Dominate RED = Right Eye Dominate

Suffix 2	Color	Size	Type
13	Tan	SM/MD	H-Nape (LED)
14	Tan	LG/XL	H-Nape (LED)
15	Foliage Green	SM/MD	H-Nape (LED)
16	Foliage Green	LG/XL	H-Nape (LED)
17	Black	SM/MD	H-Nape (LED)
18	Black	LG/XL	H-Nape (LED)
19	Tan	Universal	H-Nape (RED)
20	Foliage Green	Universal	H-Nape (RED)
21	Black	Universal	H-Nape (RED)
22	Tan	Universal	H-Nape (LED)
23	Foliage Green	Universal	H-Nape (LED)
24	Black	Universal	H-Nape (LED)
25	Tan	SM/MD	H-Nape Repositionable (RED)
26	Foliage Green	SM/MD	H-Nape Repositionable (RED)
27	Black	SM/MD	H-Nape Repositionable (RED)
28	Tan	LG/XL	H-Nape Repositionable (RED)
29	Foliage Green	LG/XL	H-Nape Repositionable (RED)
30	Black	LG/XL	H-Nape Repositionable (RED)
31	Tan	SM/MD	H-Nape Repositionable (LED)
32	Foliage Green	SM/MD	H-Nape Repositionable (LED)
33	Black	SM/MD	H-Nape Repositionable (LED)
34	Tan	LG/XL	H-Nape Repositionable (LED)
35	Foliage Green	LG/XL	H-Nape Repositionable (LED)
36	Black	LG/XL	H-Nape Repositionable (LED)
49	Tan	SM/MD	H-Nape (LED)
50	Tan	LG/XL	H-Nape (LED)
51	Foliage Green	SM/MD	H-Nape (LED)
52	Foliage Green	LG/XL	H-Nape (LED)
53	Black	SM/MD	H-Nape (LED)
54	Black	LG/XL	H-Nape (LED)

# PART NUMBERS

## SUSPENSION (PAD/LINER) TYPE

Suffix 3	Type
Z	Not Required
A	¾-inch Team Wendy
B	1-inch Team Wendy
C	Adjustable
E	360° Liner, SM
F	360° Liner, MD
G	360° Liner, LG
H	360° Liner, XL

## MISSION-CONFIGURED COMPONENTS

Suffix 4	Description	NVG Hole	Size	Color
99	None			
01	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	SM	Tan
02	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	SM	Foliage Green
03	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	SM	Black
04	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	MD	Tan
05	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	MD	Foliage Green
06	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	MD	Black
07	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	LG	Tan
08	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	LG	Foliage Green
09	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	LG	Black

CONTINUED ON NEXT PAGE

# PART NUMBERS

## MISSION-CONFIGURED COMPONENTS

Suffix 4	Description	NVG Hole	Size	Color
10	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	XL	Tan
11	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	XL	Foliage Green
12	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	3	XL	Black
13	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	SM	Tan
14	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	SM	Foliage Green
15	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	SM	Black
16	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	MD	Tan
17	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	MD	Foliage Green
18	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	MD	Black
19	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	LG	Tan
20	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	LG	Foliage Green
21	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	LG	Black
22	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	XL	Tan
23	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	XL	Foliage Green
24	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud, Exterior Velcro	1	XL	Black
25	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	SM	Tan
26	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	SM	Foliage Green

CONTINUED ON NEXT PAGE

# PART NUMBERS

## MISSION-CONFIGURED COMPONENTS

Suffix 4	Description	NVG Hole	Size	Color
27	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	SM	Black
28	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	MD	Tan
29	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	MD	Foliage Green
30	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	MD	Black
31	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	LG	Tan
32	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	LG	Foliage Green
33	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	LG	Black
34	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	XL	Tan
35	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	XL	Foliage Green
36	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud, Exterior Velcro	3	XL	Black
37	Skeleton Shroud	1	Universal	Tan
38	Skeleton Shroud	1	Universal	Foliage Green
39	Skeleton Shroud	1	Universal	Black
40	Skeleton Shroud	3	Universal	Tan
41	Skeleton Shroud	3	Universal	Foliage Green
42	Skeleton Shroud	3	Universal	Black
43	VAS Shroud	3	Universal	Tan
44	VAS Shroud	3	Universal	Foliage Green
45	VAS Shroud	3	Universal	Black
46	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud	3	Universal	Tan
47	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud	3	Universal	Foliage Green

CONTINUED ON NEXT PAGE

# PART NUMBERS

## MISSION-CONFIGURED COMPONENTS

Suffix 4	Description	NVG Hole	Size	Color
48	ARC Rails, Bungee Kit, 22mm Hardware, VAS Shroud	3	Universal	Black
49	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud	1	Universal	Tan
50	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud	1	Universal	Foliage Green
51	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud	1	Universal	Black
52	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud	3	Universal	Tan
53	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud	3	Universal	Foliage Green
54	Skeleton Rails, Bungee Kit, 22mm Hardware, Skeleton Shroud	3	Universal	Black
55	ARC Rails, Bungee Kit, 22mm Hardware	N/A	Universal	Tan
56	ARC Rails, Bungee Kit, 22mm Hardware	N/A	Universal	Foliage Green
57	ARC Rails, Bungee Kit, 22mm Hardware	N/A	Universal	Black
58	Skeleton Rails, Bungee Kit, 22mm Hardware	N/A	Universal	Tan
59	Skeleton Rails, Bungee Kit, 22mm Hardware	N/A	Universal	Foliage Green
60	Skeleton Rails, Bungee Kit, 22mm Hardware	N/A	Universal	Black

See Pages 28-32 for part numbers of individual components (spare parts).

# PART NUMBERS

## COMPONENT PART NUMBERS (SPARE PARTS)

### Suspension (Pad/Liner)



Team Wendy



Adjustable



360° Liner

### Retention (Chin Strap)



H-Nape



X-Nape

### Mission-Configured Components



Skeleton  
One-Hole Shroud



ARC Rails with  
Bungees and Hardware



Skeleton Rails with  
Bungees and Hardware



Picatinny Adapters



Wing-Loc Adapters



VAS Shroud



ARC Rails  
with Hardware



Skeleton Rails  
with Hardware



Exterior Velcro



Skeleton Shroud



Hook Bungees



Carabiner Bungees



Hardware

### SPARE PARTS—SUSPENSION (PAD/LINER)

Type	Size	Part Number
¾-inch Team Wendy	All	C11950-3
1-inch Team Wendy	All	C11950-4
Adjustable	All	D11980-20
360° Liner	SM	H10210-1
360° Liner	MD	H10210-2
360° Liner	LG	H10210-3
360° Liner	XL	H10210-4

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# PART NUMBERS

SPARE PARTS—RETENTION (CHIN STRAP)		RED = Right Eye Dominate	LED = Left Eye Dominate
Type	Color	Size	Part Number
H-Nape (RED)	Tan	SM/MD	07-99-121
X-Nape (RED)	Tan	SM/MD	09-99-121
H-Nape (RED)	Tan	LG/XL	07-99-151
X-Nape (RED)	Tan	LG/XL	09-99-151
H-Nape (RED)	Foliage Green	SM/MD	07-99-122
X-Nape (RED)	Foliage Green	SM/MD	09-99-122
H-Nape (RED)	Foliage Green	LG/XL	07-99-152
X-Nape (RED)	Foliage Green	LG/XL	09-99-152
H-Nape (RED)	Black	SM/MD	07-99-123
X-Nape (RED)	Black	SM/MD	09-99-123
H-Nape (RED)	Black	LG/XL	07-99-153
X-Nape (RED)	Black	LG/XL	09-99-153
H-Nape (LED)	Tan	SM/MD	09-99-221
H-Nape (LED)	Tan	LG/XL	09-99-251
H-Nape (LED)	Foliage Green	SM/MD	09-99-222
H-Nape (LED)	Foliage Green	LG/XL	09-99-252
H-Nape (LED)	Black	SM/MD	09-99-223
H-Nape (LED)	Black	LG/XL	09-99-253
H-Nape (RED)	Tan	Universal	07-99-101
H-Nape (RED)	Foliage Green	Universal	07-99-102
H-Nape (RED)	Black	Universal	07-99-103
H-Nape (LED)	Tan	Universal	07-99-201
H-Nape (LED)	Foliage Green	Universal	07-99-202
H-Nape (LED)	Black	Universal	07-99-203
H-Nape Repositionable (RED)	Tan	SM/MD	07-98-121
H-Nape Repositionable (RED)	Foliage Green	SM/MD	07-98-122
H-Nape Repositionable (RED)	Black	SM/MD	07-98-123
H-Nape Repositionable (RED)	Tan	LG/XL	07-98-151
H-Nape Repositionable (RED)	Foliage Green	LG/XL	07-98-152
H-Nape Repositionable (RED)	Black	LG/XL	07-98-153

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# PART NUMBERS

## SPARE PARTS—RETENTION (CHIN STRAP)

RED = Right Eye Dominate

LED = Left Eye Dominate

Type	Color	Size	Part Number
H-Nape Repositionable (LED)	Tan	SM/MD	07-98-221
H-Nape Repositionable (LED)	Foliage Green	SM/MD	07-98-222
H-Nape Repositionable (LED)	Black	SM/MD	07-98-223
H-Nape Repositionable (LED)	Tan	LG/XL	07-98-251
H-Nape Repositionable (LED)	Foliage Green	LG/XL	07-98-252
H-Nape Repositionable (LED)	Black	LG/XL	07-98-253
H-Nape (LED)	Tan	SM/MD	07-99-221
H-Nape (LED)	Tan	LG/XL	07-99-251
H-Nape (LED)	Foliage Green	SM/MD	07-99-222
H-Nape (LED)	Foliage Green	LG/XL	07-99-252
H-Nape (LED)	Black	SM/MD	07-99-223
H-Nape (LED)	Black	LG/XL	07-99-253

## SPARE PARTS—MISSION-CONFIGURED COMPONENTS

Type	Color	Size	Part Number
Skeleton One-Hole Shroud Kit with Mounting Hardware	Tan	One Size	H10001-A
Skeleton One-Hole Shroud Kit with Mounting Hardware	Foliage Green	One Size	H10001-B
Skeleton One-Hole Shroud Kit with Mounting Hardware	Black	One Size	H10001-C
VAS Shroud Kit with Mounting Hardware	Tan	One Size	35-99-201
VAS Shroud Kit with Mounting Hardware	Foliage Green	One Size	35-99-202
VAS Shroud Kit with Mounting Hardware	Black	One Size	35-99-203
Skeleton Shroud Kit with Mounting Hardware	Tan	One Size	34-99-101
Skeleton Shroud Kit with Mounting Hardware	Foliage Green	One Size	34-99-102

CONTINUED ON NEXT PAGE

# PART NUMBERS

## SPARE PARTS—MISSION-CONFIGURED COMPONENTS

Type	Color	Size	Part Number
Skeleton Shroud Kit with Mounting Hardware	Black	One Size	34-99-103
ARC Rail Kit with Bungee and Hardware, Universal	Tan	One Size	25-99-401
ARC Rail Kit with Bungee and Hardware, Universal	Foliage Green	One Size	25-99-402
ARC Rail Kit with Bungee and Hardware, Universal	Black	One Size	25-99-403
ARC Rail Kit and Hardware, Universal	Tan	One Size	25-99-301
ARC Rail Kit and Hardware, Universal	Foliage Green	One Size	25-99-302
ARC Rail Kit and Hardware, Universal	Black	One Size	25-99-303
Hook Bungees)	Tan	One Size	25-98-101
Hook Bungees	Foliage Green	One Size	25-98-102
Hook Bungees	Black	One Size	25-98-103
Skeleton Rail Kit with Carabiner & Hook Bungees and Hardware	Tan	One Size	H10039-21
Skeleton Rail Kit with Carabiner & Hook Bungees and Hardware	Foliage Green	One Size	H10039-22
Skeleton Rail Kit with Carabiner & Hook Bungees and Hardware	Black	One Size	H10039-23
Skeleton Rail Kit and Hardware, Universal	Tan	One Size	H10039-01
Skeleton Rail Kit and Hardware, Universal	Foliage Green	One Size	H10039-02
Skeleton Rail Kit and Hardware, Universal	Black	One Size	H10039-03
Carabiner Bungees	Tan	One Size	H10053-21
Carabiner Bungees	Foliage Green	One Size	H10053-22
Carabiner Bungees	Black	One Size	H10053-23
Replacement Ballistic Hardware Kit, 15mm, Pack of 4	Black	One Size	03-99-103

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# PART NUMBERS

## SPARE PARTS—MISSION-CONFIGURED COMPONENTS

Type	Color	Size	Part Number
Replacement Ballistic Hardware Kit, 15mm, Pack of 100	Black	One Size	03-99-203
Replacement Exterior Velcro Kit, 5 Shapes	Tan	SM	20-96-111
Replacement Exterior Velcro Kit, 5 Shapes	Foliage Green	SM	20-96-112
Replacement Exterior Velcro Kit, 5 Shapes	Black	SM	20-96-113
Replacement Exterior Velcro Kit, 5 Shapes	Tan	MD	20-96-131
Replacement Exterior Velcro Kit, 5 Shapes	Foliage Green	MD	20-96-132
Replacement Exterior Velcro Kit, 5 Shapes	Black	MD	20-96-133
Replacement Exterior Velcro Kit, 5 Shapes	Tan	LG	20-96-161
Replacement Exterior Velcro Kit, 5 Shapes	Foliage Green	LG	20-96-162
Replacement Exterior Velcro Kit, 5 Shapes	Black	LG	20-96-163
Replacement Exterior Velcro Kit, 5 Shapes	Tan	XL	20-96-171
Replacement Exterior Velcro Kit, 5 Shapes	Foliage Green	XL	20-96-172
Replacement Exterior Velcro Kit, 5 Shapes	Black	XL	20-96-173
Replacement Exterior Velcro Kit, 5 Shapes	Tan	XXL	20-96-181
Replacement Exterior Velcro Kit, 5 Shapes	Foliage Green	XXL	20-96-182
Replacement Exterior Velcro Kit, 5 Shapes	Black	XXL	20-96-183
Picatinny Adapter	Black	One Size	20-99-103
Wing-Loc Adapter	Black	One Size	20-98-103

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# WARRANTY

## WARRANTY INFORMATION

Unless an individual product is covered by a separately issued warranty, Gentex Corporation (Gentex) warrants that all products will be free from defects in material or workmanship under normal use and service for a period one (1) year from the date of delivery. All repair covered by this warranty shall be performed at Gentex factory, or other such warranty repair facilities of Gentex as designated by Gentex unless Gentex specifically directs that repair services be performed at another location. Any defect corrected and found to be within this scope of the warranty will be repaired by Gentex and all charges for labor and material will be borne by Gentex. If it is determined that either no fault exists in Gentex, or the damage to be repaired was caused by negligence of the user, its agents, employees or customers, you agree to pay all charges associated with each such repair. No statement, recommendation or assistance made or offered by Gentex through its representatives to the user, its agents, employees, or customers in connection with the purpose or intended use of any Gentex's product shall be or constitute a waiver by Gentex of any of the provisions of this warranty or change Gentex's liability under this warranty.

EXCEPT WHERE PROHIBITED BY LAW, THE WARRANTY DESCRIBED ABOVE CONSTITUTES THE SOLE WARRANTY MADE BY GENTEX EITHER EXPRESSED OR IMPLIED. THERE ARE NO OTHER WARRANTIES EXPRESSED OR IMPLIED THAT EXTEND BEYOND THE FACE HEREOF, HEREIN, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL GENTEX BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES EVEN IF ADVISED OF SUCH DAMAGES, AND THE USER, ITS AGENTS, EMPLOYEES, OR CUSTOMERS REMEDIES SHALL BE LIMITED TO SOLELY TO THE REPAIR OR REPLACEMENT OF NONCONFORMING UNITS OR PARTS, WHICH AMOUNT SHALL NOT EXCEED THE TOTAL PURCHASE PRICE OF THE PRODUCT UNDER WARRANTY.

Any tampering, misuse or negligence in handling or use of the product renders the warranty void. Further, the warranty is void if, at any time, the user, its agents, employees or customers attempts to make any internal changes to any of the components of a product; if at any time the power supplied to any part of the product exceeds the rated tolerance; if any external device attached by the user, its agents, employees or customers creates conditions exceeding the tolerance of the product; or if any time the serial number plate is removed or defaced. OPERATION OF THE PRODUCTS THAT RENDERS THIS WARRANTY VOID WILL BE DEFINED TO INCLUDE ALL OF THE POSSIBILITIES DESCRIBED IN THIS SECTION, TOGETHER WITH ANY PRACTICE THAT RESULTS IN CONDITIONS EXCEEDING THE DESIGN TOLERANCE OF THE PRODUCTS.

Before returning your product(s) under this warranty, you must call Gentex Corporation at 617-670-3547 to obtain approval for the warranty return.

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