TEAM WENDY® EXFIL® LTP

USER GUIDE

SECTION 1

DESCRIPTIONS AND CAPABILITIES

SECTION 2

OPERATOR INSTRUCTIONS

SECTION 3

MAINTENANCE PROCEDURES

SECTION 4

REPLACEMENT INSTRUCTIONS

NOTE

For any topics not outlined in this guide, including warranty information, please visit TeamWendy.com.

SECTION 1

DESCRIPTIONS AND CAPABILITIES

Performance Standards and Certifications

- BS EN 1385:2012 (Whitewater)

This product is certified to the standard of BS EN 1385:2012 (Whitewater) by:

CCQS Certification Services Limited
Block 1 Blanchardstown Corporate Park, Ballycoolin Road,
Blanchardstown,
Dublin 15, D15 AKK1, Ireland
Notified Body: 2834

This helmet is designed to protect from impact caused by collision of head with an obstacle while doing canoe and whitewater sports. It has passed EN 1385:2012 to show conformity to the EHSR of Regulation (EU)2016/425.

HELMET FOR CANOEING AND WHITEWATER SPORTS

This helmet is not intended for use in whitewater Class 5 and 6 as given by the International Canoe Federation. This helmet is designed to help protect from bumps, scratches and concussion.

View the Declaration of Conformity at:
www.teamwendy.com/declaration-of-conformity

This helmet should remain in manufacturing packaging until the point of consumer purchase.

17000 Saint Clair Ave Bldg 1, Cleveland, Ohio, 44110, United States

Equipment Capabilities, Characteristics and Features

The EXFIL® LTP (Lightweight, Tactical, Polymer) bump helmet offers a stable, comfortable platform for mounting night vision devices and other accessories while providing a high level of impact protection.

The helmet features a shroud insert made from military grade aluminum (6061) with type III hard anodizing, which is suitable for night vision mounts. It comes preinstalled with a Zorbium® Foam Liner and adjustable comfort pads for optimal fit. Its standard CAM FIT™ Retention System with an integrated BOA® Fit System or optional H-Back Retention System with Cam Lock sliders ensures secure fit. The helmet is compatible with tactical communication headsets.

The EXFIL® Rail 3.0 accessory mounting system features T-slots for custom mounting and has a built-in Picatinny at its front for more efficient use of the accessory rail. The EXFIL® Rail 3.0 is compatible with all EXFIL® accessories and also provides integrated visor and shield mounting capability.

Review any compatibility restrictions for the accessory you would like to mount on its respective product page on TeamWendy.com.

Major Subsystems

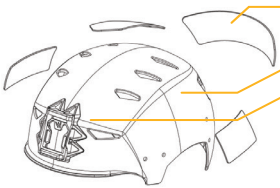
The EXFIL® LTP is composed of the following major subsystems, which are illustrated on page 8:

- Helmet Shell Subsystem
- Accessory Rail Subsystem, also referred to as adapter rails
- Retention Subsystem, containing a chinstrap and headband fit system
- Suspension Subsystem, containing an impact liner and set of adjustable comfort pads

⚠ WARNING

Do not remove the suspension impact liner for any reason other than washing or replacement. Helmets are tested with the liner in its preinstalled configuration. Wearing the EXFIL® LTP without a properly installed impact liner could result in serious injury or death.

Major Subsystems

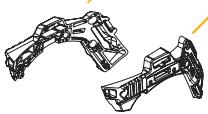


HELMET SHELL SUBSYSTEM

Pile Patches

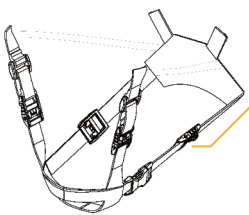
Helmet Shell

Shroud Insert



ACCESSORY RAIL SUBSYSTEM

EXFIL® Rail 3.0



CAM FIT™ RETENTION SUBSYSTEM

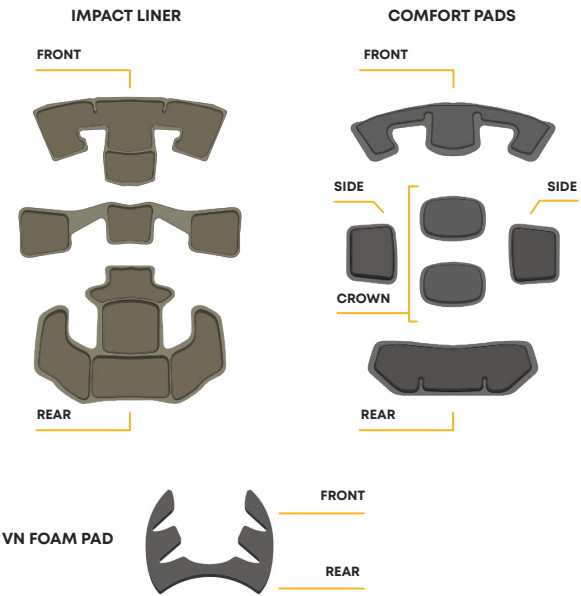
Cam Lock Sliders

SUSPENSION SUBSYSTEM

Zorbium® Foam Impact Liner (see page 9)

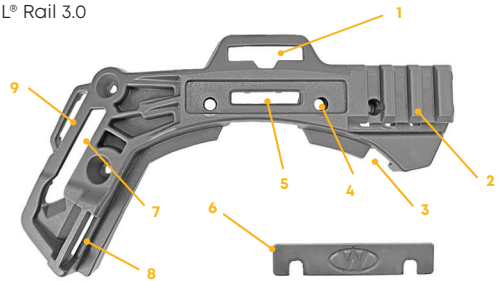
Suspension Subsystem

The Zorbium® Foam Liner utilizes the same Zorbium® foam that has been proven in the ZAP™ 7-Pad NSN Liner System for the standard-issue ACH, packaged into a 3-piece impact liner. The liner system, which features an antimicrobial wicking fabric, also contains a series of adjustable comfort pads that allow the operator to customize fit and minimize pressure points.



Accessory Rail Subsystem Features

EXFIL® Rail 3.0



1. Quick release mounting slot. Used for EXFIL® Picatinny Quick Release Rail Adapter and EXFIL® Peltor™ Quick Release Adapters.
2. Integrated Picatinny rail for use with Team Wendy EXFIL® Ballistic Visor and EXFIL® Face Shield. Can also be used in conjunction with rail mounted lights and accessories.
3. Locating feature for the EXFIL® Mandibles.
4. Captured nuts (#10-32 thread) for mounting accessories, such as Magpul® MOE® rails or Princeton Tec® Charge MPLS.
5. Locating feature for EXFIL® Picatinny Quick Release Rail Adapter.
6. EXFIL® W Spacer Plate. Covers features when not in use.
7. T-slot. Use weld nuts to secure ESS Pivot™ Rail Mounts.
8. Buckle housing for center-release buckles. Used for the EXFIL® Oxygen Mask Strap Kit.
9. Webbing slot for securing objects to the back of the helmet, such as a counterweight.

SECTION 2

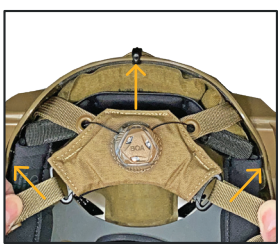
OPERATOR INSTRUCTIONS

Donning / Removing the Helmet and Adjusting Retention

This section provides instructions for donning and removing the EXFIL LTP®, including adjusting the retention chinstrap and headband fit system.

Step 1: Prior to donning, visually inspect the suspension pads and retention system to make sure they appear to be in operational condition. Make sure the chin cup release buckle is unbuckled.

Step 2: Prepare the headband system by releasing any tension on the straps. If the dial is in the locked position, pull the dial head directly outward until it clicks to release the locking mechanism. Pull the headband sleeves and nape pad outward to expand the circumference of the headband.



Step 3: Position the helmet on top of the head.
Step 4: While wearing the helmet, press the dial head directly inward to engage the locking mechanism. Twist clockwise to tighten the headband as desired. The headband should pass just above the operator's ears. Adjust the fabric sleeve to cover as much of the cable as possible.

NOTE

To remove the EXFIL® LTP, unbuckle the chin cup release buckle and release the dial from the locked position by pulling the dial directly outward until it clicks. Then lift the helmet up and away from the head.

Step 5: Adjust the position of the retention chin cup by adjusting the length of the attached webbing straps. To adjust the strap length, lift the tab of the Cam Lock slider so that it rotates out of the locked position. Grip the tab and pull the buckle in the desired direction. Secure the position of the slider by pushing down on the tab until it snaps into the locked position, which is flat against the surface of the webbing. Repeat as necessary for all Cam Lock sliders; the CAM FIT™ Retention System has four Cam Lock sliders, and the H-Back Retention System has two at the front straps. Be sure to adjust the strap length while donning the helmet to fit appropriately.

Step 6: Evaluate fit with the chin cup buckled. If necessary, repeat the strap adjustment process in step 5 until proper fit is achieved. The retention system should be tightened enough to secure the helmet to the head but not so tight as to cause discomfort. The operator should be able to comfortably move the head and open the jaw to speak.

Sizing by Head Circumference

HEAD CIRCUMFERENCE	SIZE 1 (M/L)	SIZE 2 (XL)
CENTIMETERS	55 - 60	up to 63
INCHES	21.5 - 23.5	up to 24.75
HAT SIZE (USA)	6 ⅞ - 7 ½	up to 7 ⅞

Sizing and Fitting Instructions

This section provides instructions for selecting a helmet and properly fitting it to the operator's head. Basic instructions are provided which will accommodate the majority of operators; however, due to the many variations in head shape, there will be cases in which these instructions are insufficient.

Throughout the measuring and fitting procedure, evaluations should take place with the operator in an upright standing position and looking directly forward.

Step 1: Select preliminary helmet size based on measurement. Wrap a tape measure around the head, just above the eyebrows and around the back of the head at its widest circumference. Record the measurement. Select a preliminary helmet size (size 1 or size 2) for test fitting using the information in the sizing chart above.

Step 2: Don the helmet. Don the helmet by following the instructions in the Donning and Removing the Helmet section, including the retention chinstrap and headband. Add, remove or adjust placement of the comfort pads as desired for optimal comfort and fit.
If the helmet fit is too tight or too loose, consult the helmet sizing chart on the previous page to see if your head circumference is within the range of the next smaller or next larger helmet size. If so, exchange the helmet for the alternate size.

Installing / Removing Comfort Pads

Each comfort pad has a hook panel permanently adhered to the back of the pad. Install a comfort pad by pressing the hook panel against the brown loop fabric of the suspension system impact liner pad. Portions of the comfort pads may overlap, but comfort pads cannot be installed directly overtop one another. Remove a comfort pad by peeling the hook panel off the impact liner pad.

SECTION 3

MAINTENANCE PROCEDURES

Storage Instructions

Store the EXFIL® LTP in a temperature and humidity controlled location where the temperature is within 15-27˚C (60-80˚F) and humidity is within 30-65% Relative Humidity. Avoid exposure to UV radiation, including sunlight.

Inspection and Replacement Schedule

Replace the suspension padding system after every six (6) months of continuous use. Inspect all components frequently for signs of damage using the Inspection Checklist. Replace damaged components as soon as possible.

A helmet that exhibits damage to the shell or suspension liner, such as cracking, deformation or soft spots, should be removed from active use.

Operator's Inspection Checklist

Exterior Inspections

1. **Shell:** The shell is not cracked or dented.
2. **Shroud:** The shroud is not cracked or otherwise damaged. All three mounting nuts are securely fastened.
3. **Accessory Rails:** The accessory rails are not cracked or otherwise damaged. All three mounting nuts are securely fastened on each rail.

Interior Inspections

1. Z**orbium® Foam Impact Liner:** All three brown pads are installed and undamaged. Pads should be replaced immediately if a soft spot is found.
2. **Retention – Cam Locks:** All four Cam Locks on the CAM FIT™ Retention System and the two Cam Locks on the H-Back Retention System slide freely and lock securely.
3. **CAM FIT™ Retention – BOA® Fit System:** Headband tightens when dial is engaged and rotated; headband loosens freely when dial tension is released.
4. **Retention Attachment:** All four straps are securely held against the inside of the shell by fasteners.
5. **Retention Stitching:** All stitches are secure.

⚠ WARNING

Do not use the helmet until all of the inspection criteria are met. No helmet can protect the wearer from all foreseeable injuries. Severe head and neck injuries may still occur despite proper use of helmet.

Washing Instructions

Wash the helmet regularly, particularly after exposure to sand, salt, sweat and other contaminates. All components of the EXFIL® LTP may be hand washed and air-dried. Hand wash components using a soft bristle brush and mild laundry detergent. Rinse thoroughly and allow components to fully dry before reassembly and use.

The suspension system (pads) and retention system may be removed for washing. Removal and replacement instructions are in Section 4. Removal of the accessory rails is not recommended.

SECTION 4

REPLACEMENT INSTRUCTIONS

Retention Subsystem Replacement

Tools Required: Hex Driver or Hex Key, 1/16-inch and 1/8-inch

Step 1: Remove the front and back sections of the impact liner to access the retention mounting holes.

Step 2: Use a 1/16-inch hex driver to remove the three cap screws shown on page 29. Remove the rail. Repeat on opposite side.

Step 3: Use the 1/8-inch hex driver to unscrew each of the four cap screws that attach the retention straps to the helmet shell. If needed, use a flat screwdriver to prevent the nut inside the helmet from rotating.

Step 4: Install each retention strap by pushing the hole in the webbing strap onto the shoulder of the mounting nut.

Step 5: Push the mounting screw through the helmet shell and tighten to the nut using the 1/8-inch hex driver. If needed, use a flat screwdriver to prevent the nut from rotating.

Step 6: Reattach the rear straps.

Step 7: Ensure the webbing straps and headband straps are not twisted before attaching the front straps. The mounting nut used on the front straps must attach the chinstrap and the headband strap.

Suspension Subsystem Replacement

Tools Required: None
Replacing Impact Liner Pads

Step 1: Remove the old impact liner pads and make sure the hook panels are securely attached to the inside of the shell. Loosen the headband strap completely. Do not remove the VN foam pad.

Step 2: Install the rear pad of the new impact liner as close to the edge of the shell as the retention system allows.

Step 3: Install the front pad of the new impact liner along the front of the shell.

Step 4: Install the center pad between the front and rear pads. Adjust pad positions as needed to avoid covering the vent holes in the shell.

Accessory Rail Subsystem Replacement

Tools Required: Hex Driver or Hex Key, 1/16-inch

Step 1: Remove the impact liner to access the mounting screws.

Step 2: Use the hex driver to remove each of the three cap screws (per rail). Hold each nut in place with a fingertip to prevent rotation while removing the screw.

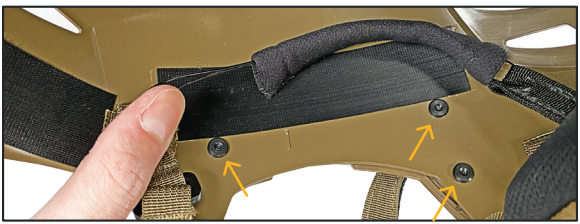
Step 3: To install the new rail, align the shell and rail mounting holes. Begin with the lower rear mounting hole.

Step 4: Press a friction nut into the hole in the shell. Hold with a fingertip to prevent rotation.

Step 5: Push the cap screw through the rail and use the 1/16-inch hex key to tighten lightly. Repeat for the remaining mounting locations. Get all three screws started before firmly tightening.

REPLACEMENT INSTRUCTIONS

EXFIL® RAIL 3.0



INNOVATE TO PROTECT

Founded in 1997, Team Wendy is dedicated to providing exceptional head protection systems designed from the inside out for those who risk their lives every day. Our Cleveland-based company places a strong focus on the prevention of traumatic brain injury (TBI) in honor of our namesake Wendy Moore, who died tragically from a TBI following a ski accident. In Wendy's name, we are steadfast in our pursuit of improving head protection research, design and development, bringing more choice, better technology and reliable customer service to the industry.

Military

Law Enforcement

Search & Rescue

Adventure

TEAMWENDY.COM | 216.738.2518

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