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Osprey Tempest 20

Osprey Women's Tempest 20 Backpack Instruction Manual

Model: Tempest 20

INTRODUCTION

This manual provides essential information for the proper use and care of your Osprey Women's Tempest 20 Backpack. The Tempest series is designed with a women's specific fit, offering lightweight and high-performance features for various outdoor activities.

FEATURES

- **BioStretch Harness:** Consists of mesh-covered, die-cut foam with sewn-in spacer mesh, a stretch woven harness pocket, and an adjustable sternum strap for comfort and stability.
- **Zippered Stretch Mesh Pockets:** Integrated with a modified straight ErgoPull closure system for secure storage.
- **Panel Load Main Compartment:** Provides easy access to the main storage area, including a zippered mesh back panel pocket.
- **Large Zippered Top Stash Pocket:** Features heat-embossed scratch-free fabric and an internal key clip for protecting delicate items.
- **LidLock Helmet Attachment:** A convenient system for securing a helmet to the exterior of the pack.

SETUP AND ADJUSTMENT

Proper adjustment of your backpack is crucial for comfort and load distribution.



Image: Rear view of the Tempest 20 backpack, highlighting the adjustable harness and back panel.



Image: Detail of the adjustable shoulder strap and sternum strap with whistle.

1. **Torso Length Adjustment:** The Tempest 20 features an adjustable torso length. Loosen the harness straps and slide the entire harness system up or down to match your torso. The top of the shoulder straps should sit approximately 1-2 inches below your shoulders, allowing for a comfortable wrap over your shoulders.
2. **Hipbelt Fitting:** Position the hipbelt so that the top edge rests on your iliac crest (hip bones). Cinch the hipbelt firmly using the ErgoPull closure system for optimal load transfer to your hips. Approximately 60-80% of the pack's weight should be supported by your hips.
3. **Shoulder Strap Adjustment:** Tighten the shoulder straps until the pack is snug against your back. Avoid overtightening, which can lift the hipbelt off your hips and transfer too much weight to your shoulders.
4. **Sternum Strap:** Fasten the sternum strap across your chest and adjust its height and tension for comfort. This strap helps stabilize the pack and prevents the shoulder straps from slipping. The sternum strap also includes an integrated whistle for emergencies.

OPERATING YOUR BACKPACK

Understanding how to effectively use your Tempest 20 will enhance your outdoor experience.



Image: Front view of the Osprey Tempest 20 backpack, showing main compartment access and external pockets.



Image: Detail of the zippered hipbelt pocket, ideal for small essentials.

- **Loading the Pack:** Distribute weight evenly, placing heavier items closer to your back and centered. Lighter, bulkier items can be placed further from your back.
- **Main Compartment Access:** The panel-load design allows for easy access to the main compartment via a large zipper. Utilize the internal mesh pocket for organizing smaller items.
- **External Pockets:** Use the zippered stretch mesh pockets on the sides for water bottles or quick-access items. The hipbelt pockets are ideal for snacks, a phone, or other small essentials you need while on the move.
- **Top Stash Pocket:** The large zippered top pocket, lined with scratch-free fabric, is perfect for sunglasses, electronics, or other delicate items.

- **Hydration System:** The Tempest 20 is compatible with a hydration reservoir (not included). An internal sleeve and exit port are provided for easy integration of your hydration system.
- **LidLock Helmet Attachment:** To attach your helmet, thread the LidLock cord through the helmet's vents and secure it. This keeps your helmet safe and out of the way when not in use.
- **Trekking Pole Attachment:** Utilize the Stow-on-the-Go trekking pole attachment system for quick and easy storage of poles without removing the pack.

MAINTENANCE AND CARE

Proper care will extend the life of your Osprey backpack.

- **Cleaning:** Hand wash your backpack with mild soap and cool water. Do not use bleach or harsh detergents. For stubborn dirt, use a soft brush. Rinse thoroughly.
- **Drying:** Air dry your backpack completely in a shaded, well-ventilated area. Do not machine wash or tumble dry, as this can damage the fabric and coatings.
- **Storage:** Store your clean, dry backpack in a cool, dry place away from direct sunlight and extreme temperatures. Avoid compressing the pack for long periods.
- **Zippers:** Keep zippers clean and free of debris. If zippers become stiff, apply a silicone-based zipper lubricant.
- **Water Resistance:** While the fabric offers some water resistance, the pack is not fully waterproof. For heavy rain, consider using a separate rain cover (not included) to protect your contents.

TROUBLESHOOTING

- **Discomfort or Pain:** If you experience discomfort, re-check all adjustments (torso length, hipbelt, shoulder straps, sternum strap). Ensure the load is properly distributed, with heavier items close to your back.
- **Squeaking Noises:** Squeaking can sometimes occur from friction between components. Check for loose straps or buckles. A small amount of silicone spray on contact points can sometimes help.
- **Zippers Sticking:** Clean any dirt or debris from the zipper teeth. Apply a zipper lubricant to ensure smooth operation.
- **Pack Feels Too Heavy:** Review your packing list and consider if all items are essential. Optimize load distribution as described in the 'Operating Your Backpack' section.

SPECIFICATIONS

Capacity Total	20 Liters
Item Weight	1.3 Pounds
Item Dimensions (LxWxH)	18.11 x 10.24 x 9.25 inches
Material	Mesh
Size	X-Small-Small (This specific model variant)
Sport Type	Cycling, Hiking, Adventure Racing
Model Number	024620-307

WARRANTY AND SUPPORT

For detailed warranty information, product registration, or to contact customer support, please visit the official Osprey website. Osprey stands behind the quality of its products and offers repair services for many issues.