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Kelty Coyote 105 Liter

Kelty Coyote 105 Liter Internal Frame Backpack User Manual

Model: Coyote 105 Liter | Brand: Kelty

1. Product Overview

The Kelty Coyote 105 is an internal frame backpack designed for extended hiking, backpacking, and travel. It offers substantial cargo capacity and features for stability and comfort. This pack includes the FIT-Pro adjustment system for a customized torso fit and an AMP-Flow ventilated back panel for improved airflow.

Key Features:

- **105 Liters Capacity:** Ample storage for essential gear, with an empty weight of 5lb 8oz and optimal carry weight of 50-70 pounds.
- **FIT-Pro Adjustment System:** Provides a quick and customized torso fit, adjustable on the fly.
- **AMP-Flow Ventilated Back Panel:** Designed to keep your back cool and dry.
- **Advanced Perimeter Frame:** Enhances stability on the trail.
- **Multiple Pockets:** Includes Kelty Signature wing pockets, two front zippered pockets, a large J-zip top loading access, daisy chains, water bottle pockets, a dedicated sleeping bag pocket, and an internal divider.
- **Hydration Compatible:** Designed to accommodate a hydration bladder.



Image 1.1: Side view of the Kelty Coyote 105 Liter backpack, showcasing its large capacity and external gear loops, with trekking poles stored in a side pocket.

2. Components and Anatomy

Familiarize yourself with the main components of your Kelty Coyote 105 backpack to ensure proper use and adjustment.



Image 2.1: Rear view of the backpack, highlighting the AMP-Flow ventilated back panel, adjustable shoulder straps, and padded hip belt.

- **AMP-Flow Ventilated Back Panel:** Designed with channels to allow air circulation, reducing sweat buildup.
- **FIT-Pro Adjustment System:** Located behind the back panel, this system allows for quick and precise torso length adjustments.
- **Shoulder Straps:** Padded and adjustable for comfort and load distribution.
- **Hip Belt:** Padded and adjustable, designed to transfer weight to your hips for stability. Features zippered pockets for small items.
- **Sternum Strap:** Connects the shoulder straps across the chest for added stability.
- **Main Compartment:** Large storage area accessible via J-zip top loading and secondary zippered access.
- **Sleeping Bag Compartment:** A dedicated lower compartment for a sleeping bag, separated by an internal divider.
- **External Pockets:** Includes front zippered pockets, side wing pockets, and water bottle pockets.
- **Daisy Chains:** Webbing loops on the exterior for attaching additional gear.



Image 2.2: Detail of the front zippered pocket, suitable for quick-access items like a field notebook.



Image 2.3: Close-up of the zippered hip belt pocket, ideal for storing a smartphone or small essentials.



Image 2.4: The top lid pocket provides secure storage for items like a pen and notebook.

3. Setup and Adjustment

3.1 Torso Length Adjustment (FIT-Pro System)

The FIT-Pro system allows you to quickly adjust the backpack's torso length for a personalized fit, crucial for comfort and load stability.

1. **Loosen Straps:** Fully loosen the shoulder strap load lifters and the hip belt stabilizer straps.
2. **Access Adjustment Panel:** Locate the FIT-Pro adjustment panel behind the back panel. This is typically secured with hook-and-loop fasteners or buckles.
3. **Adjust Torso Length:** Slide the shoulder harness assembly up or down along the frame to match your torso length. The ideal fit positions the top of the shoulder straps approximately 1-2 inches below your shoulders when the hip belt is properly seated.
4. **Secure Adjustment:** Once the desired length is achieved, firmly secure the adjustment panel.
5. **Test Fit:** Load the pack with some weight and try it on to ensure a comfortable and stable fit. Fine-tune as needed.

3.2 Loading the Backpack

Proper loading ensures comfort and balance. Distribute weight evenly, placing heavier items closer to your back and between your shoulder blades.

- **Bottom Compartment:** Use the dedicated sleeping bag compartment for your sleeping bag or other compressible, lightweight items.
- **Main Compartment:** Pack dense, heavy items (e.g., food, water, stove) close to your back, centered between your shoulder blades. Lighter, bulkier items (e.g., extra clothing) can fill the remaining space.
- **Top Lid and External Pockets:** Store frequently accessed items (e.g., snacks, map, rain gear, first-aid kit) in the top lid, front pockets, or hip belt pockets.
- **Water Bottle Pockets:** Utilize side pockets for water bottles for easy access.
- **Compression Straps:** Cinch down all compression straps to stabilize the load and prevent shifting.

3.3 Hydration System Integration

The Coyote 105 is hydration compatible, allowing you to carry a water reservoir for easy access to fluids.

1. **Locate Hydration Sleeve:** Find the internal hydration sleeve, typically located against the back panel of the main compartment.
2. **Insert Bladder:** Fill your hydration bladder and slide it into the sleeve.
3. **Route Hose:** Thread the hydration hose through the designated port at the top of the pack, usually near the shoulder straps.
4. **Secure Hose:** Attach the bite valve to a shoulder strap using the integrated clips or loops for convenient access while moving.

4. Operation and Use

4.1 Wearing the Backpack

1. **Loosen All Straps:** Before putting on the pack, loosen the shoulder straps, hip belt, and sternum strap.
2. **Lift and Position:** Lift the pack by the haul handle and swing it onto your back.
3. **Engage Hip Belt:** Position the hip belt so it rests comfortably on your iliac crest (hip bones). Cinch the hip belt straps firmly. Approximately 80% of the pack's weight should be on your hips.
4. **Tighten Shoulder Straps:** Pull the shoulder strap adjusters until the pack feels snug against your back, but not so tight that it lifts the hip belt off your hips.
5. **Adjust Load Lifters:** Cinch the load lifter straps (located above your shoulders, connecting the shoulder straps to the top of the pack) to pull the top of the pack closer to your body. This helps stabilize the load.
6. **Fasten Sternum Strap:** Buckle the sternum strap across your chest and adjust its height and tension for comfort. It should not restrict breathing.

4.2 Accessing Storage

- **Main Compartment:** Use the large J-zip opening at the top for primary access. For items deeper inside, utilize the secondary zippered access point.
- **Wing Pockets:** These side pockets are ideal for items you might need while on the move, such as a rain jacket or extra layers.
- **Front Pockets:** The two front zippered pockets are suitable for maps, compass, or small personal items.
- **Water Bottle Pockets:** Stretch mesh pockets on the sides securely hold water bottles.

- **Hip Belt Pockets:** Perfect for snacks, phone, or camera for immediate access without removing the pack.

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Video 4.1: An official brand video showcasing the Kelty Coyote backpack in various outdoor settings, demonstrating its versatility and features during use.

5. Care and Maintenance

Proper care will extend the life of your Kelty Coyote backpack.

- **Cleaning:** Wipe with a damp cloth. For deeper cleaning, use mild soap and water. Do not machine wash or tumble dry, as this can damage the fabric and coatings.
- **Drying:** Air dry the backpack completely in a well-ventilated area, away from direct sunlight or heat, to prevent mildew and material degradation.
- **Storage:** Store your backpack in a cool, dry place, away from direct sunlight. Ensure it is completely dry before storing to prevent mildew. Avoid compressing the pack for long periods if possible.
- **Zipper Care:** Keep zippers clean and free of debris. Lubricate with a zipper lubricant if they become stiff.
- **Avoid Harsh Chemicals:** Do not use bleach, harsh detergents, or solvents, as these can damage the fabric and waterproof coatings.

6. Troubleshooting

Common Issues and Solutions:

- **Discomfort or Pain:**
  - **Solution:** Re-check your torso length adjustment using the FIT-Pro system. Ensure the hip belt is properly seated on your hip bones and tightened. Adjust shoulder straps and load lifters to distribute weight effectively.
- **Unstable or Shifting Load:**
  - **Solution:** Repack your backpack, placing heavier items closer to your back and centered. Cinch all internal and external compression straps firmly to prevent items from moving.
- **Squeaking Noises:**
  - **Solution:** Squeaking can sometimes occur from friction between the frame and fabric, or between straps and buckles. Check all buckles and straps for proper seating. A small amount of silicone spray on contact points can sometimes help.
- **Zippers Sticking:**
  - **Solution:** Clean any dirt or debris from the zipper teeth. Apply a zipper lubricant or a graphite pencil to the teeth to improve glide.

7. Specifications

Feature	Detail
Brand	Kelty
Model Name	Coyote

Feature	Detail
Product Style	105 Liter
Storage Volume	105 liters
Item Weight	4 pounds
Item Dimensions (D x W x H)	14"D x 22"W x 38"H
Material Type	Polyester
Outer Material	Polyester
Lining Description	Polyester
Water Resistance Level	Not Water Resistant
Number of Pockets	7
Number of Compartments	10
Strap Type	Adjustable, Shoulder Strap
Fit Type	Adjustable
Recommended Uses	Leisure, Hiking, Trekking
Included Components	Daypack
Color	Burnt Olive
UPC	727880863258
Model Number	22610520BOV



Image 7.1: Visual representation of the backpack's dimensions: 38" H x 22" W x 14" D.

8. Warranty and Support

The Kelty Coyote 105 Liter Internal Frame Backpack comes with a**Limited Warranty**. For specific details regarding coverage, terms, and conditions, please refer to the official Kelty website or contact their customer service directly.

For product support, spare parts, or any inquiries not covered in this manual, please visit the official Kelty website or contact their customer support team:

- **Kelty Official Website:** www.kelty.com
- **Customer Service:** Refer to the website for contact information (phone, email, or support forms).

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