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HOMCOM B71-005

HOMCOM B71-005 Bicycle Cargo Trailer Instruction Manual

Model: B71-005

INTRODUCTION

Thank you for choosing the HOMCOM B71-005 Bicycle Cargo Trailer. This 2-in-1 design trailer and hand cart is ideal for transporting groceries, luggage, accessories, and other items. Constructed from robust anti-corrosion epoxy steel and high-density 600D Oxford fabric, it offers durability and versatility. This manual provides essential information for safe assembly, operation, and maintenance of your trailer.

Image: The HOMCOM B71-005 Bicycle Cargo Trailer in use, attached to a bicycle.

Safety Information

Please read and understand all safety instructions before using the bicycle cargo trailer. Failure to follow these instructions may result in injury or damage to the product.

- **Maximum Load Capacity:** Do not exceed the recommended maximum load of 40 kg (88 lbs). Overloading can compromise stability and safety.
- **Speed Limit:** Avoid excessive speeds, especially when the trailer is empty or on uneven terrain. High speeds can lead to instability and potential overturning.
- **Visibility:** The trailer is equipped with 8 reflectors (2 red, 2 white, 4 yellow) for enhanced visibility. Ensure all reflectors are clean and properly installed before each use, especially in low light conditions.
- **Tire Pressure:** Maintain correct tire pressure as specified on the tire sidewall. Regularly check tires for wear, damage, or punctures.

- **Hitch Connection:** Always ensure the universal hitch is securely attached to your bicycle's seat post (for seat posts with a diameter of 30mm or less) and the trailer. Verify the connection before each ride.
- **Cargo Distribution:** Distribute cargo evenly within the trailer to maintain balance. Secure all items to prevent shifting during transport.
- **Braking:** Be aware that the added weight of the trailer will affect your bicycle's braking performance. Allow for longer braking distances.
- **Turning:** Take wider turns when cycling with the trailer to avoid collisions with obstacles or other road users.

Image: Detailed view of the red, white, and yellow reflectors on the trailer, essential for safety and visibility.

Package Contents

Before assembly, please ensure all parts are present and undamaged. If any parts are missing or damaged, do not proceed with assembly and contact customer support.

- Trailer Frame (Steel)
- Cargo Box (Plastic)
- Fabric Cover (600D Oxford)

- 2 x 16-inch Inflatable Wheels
- Universal Hitch Bar
- Hitch Connector for Bicycle Seat Post
- 8 x Reflectors (2 Red, 2 White, 4 Yellow)
- Assembly Hardware (bolts, nuts, pins)
- Instruction Manual

Setup and Assembly

Assembly of the HOMCOM B71-005 trailer is designed to be quick and tool-free for most steps.

1. **Attach Wheels:** Insert the two 16-inch wheels into the designated slots on the trailer frame. Ensure they click securely into place. The wheels are designed for easy attachment and detachment.
2. **Install Cargo Box:** Place the plastic cargo box into the trailer frame.
3. **Secure Fabric Cover:** Position the 600D Oxford fabric cover over the cargo box and secure it using the integrated fasteners.
4. **Attach Hitch Bar:** Connect the hitch bar to the front of the trailer frame.
5. **Install Bicycle Hitch Connector:** Attach the universal hitch connector to your bicycle's seat post. This connector is compatible with seat posts up to 30mm in diameter. Use the provided bolts and tighten securely.
6. **Connect Trailer to Bicycle:** Slide the hitch bar into the bicycle hitch connector. Secure it with the red button mechanism, ensuring a firm connection. This allows for quick attachment and detachment without tools.
7. **Install Reflectors:** Mount the red, white, and yellow reflectors in their designated positions on the trailer for maximum visibility.

Image: Dimensional overview of the trailer and a detailed view of the hitch mechanism, showing how it attaches to the bicycle seat post.

Image: The universal hitch mechanism, illustrating its compatibility with folding bikes, mountain bikes, and city bikes, for seat posts up to 30mm.

Operating Instructions

Using as a Bicycle Trailer

1. **Pre-Ride Check:** Before each ride, ensure the hitch is securely connected, tires are properly inflated, and all cargo is evenly distributed and secured within the trailer. Verify all reflectors are clean and visible.
2. **Loading Cargo:** Place items inside the plastic cargo box. Ensure heavier items are placed at the bottom and centered to maintain a low center of gravity. Do not exceed the 40 kg weight limit. Use the fabric cover to protect contents from weather and secure them.
3. **Riding with Trailer:** Ride cautiously, especially when turning or braking. The trailer adds length and weight to your bicycle, requiring wider turns and longer stopping distances. Avoid sudden movements.
4. **Parking:** When parking, use the integrated kickstand to stabilize the trailer if detached from the bicycle, or ensure the bicycle is securely parked to prevent the trailer from tipping.

Using as a Hand Cart

The trailer can also be used as a standalone hand cart for convenient transport off the bicycle.

1. **Detach from Bicycle:** Disconnect the hitch bar from the bicycle hitch connector by pressing the red button and pulling the bar free.
2. **Engage Kickstand:** Extend the integrated kickstand located at the front of the trailer to support it when stationary.
3. **Maneuvering:** Use the hitch bar as a handle to pull or push the cart. Ensure the kickstand is retracted when moving.

Image: The cargo trailer attached to a bicycle, demonstrating its practical use for transporting various items.

Your browser does not support the video tag.

Video: An official HOMCOM video demonstrating the bicycle cargo trailer in motion, showcasing its stability and ease of use.

Maintenance

Regular maintenance will extend the life and ensure the safe operation of your HOMCOM B71-005 Bicycle Cargo Trailer.

- **Cleaning:** Clean the steel frame with a damp cloth and mild detergent. The Oxford fabric cover can be wiped clean or hand-washed with mild soap and water. Allow to air dry completely.
- **Tire Care:** Regularly check tire pressure and inflate to the recommended PSI. Inspect tires for any cuts, punctures, or excessive wear. Replace damaged tires promptly.
- **Frame Inspection:** Periodically check the steel frame for any signs of rust, bends, or cracks. Ensure all bolts and fasteners are tight.
- **Reflectors:** Keep reflectors clean and free from dirt or obstructions to ensure maximum visibility. Replace any broken or missing reflectors.
- **Storage:** When not in use, store the trailer in a dry, protected area to prevent rust and fabric degradation. The wheels can be easily removed for more compact storage.

Image: Detail of the robust 600D Oxford fabric, highlighting its quality and resistance for long-term use.

Troubleshooting

This section addresses common issues you might encounter with your bicycle cargo trailer.

- **Trailer feels unstable or wobbly:**
  - Check cargo distribution. Ensure weight is centered and secured.
  - Verify tire pressure on both wheels. Uneven pressure can cause instability.
  - Ensure the hitch connection to the bicycle is tight and secure.
- **Tire deformation or flat tire:**
  - Inspect the tire and inner tube for punctures or damage. Repair or replace as necessary.
  - Ensure the tire is properly seated on the rim.
  - Avoid over-inflation or under-inflation.
- **Hitch not connecting securely:**

    - Ensure the bicycle seat post diameter is compatible (30mm or less).
    - Check for any obstructions or damage to the hitch mechanism.
    - Ensure the red button engages fully when connecting.

- **Reflectors falling off:**
    - Re-secure reflectors if they become loose. Consider using a stronger adhesive if they repeatedly detach.
    - Replace any broken reflectors immediately for safety.

Specifications

Feature	Specification
Model Number	B71-005
Overall Dimensions (L x W x H)	144 cm x 59 cm x 80 cm (56.7 in x 23.2 in x 31.5 in)
Storage Space Dimensions (L x W x H)	61 cm x 42 cm x 30 cm (24 in x 16.5 in x 11.8 in)
Maximum Recommended Load	40 kg (88 lbs)
Net Product Weight	10 kg (22 lbs)
Frame Material	Alloy Steel (Epoxy anti-corrosion)
Fabric Material	600D Oxford Fabric
Wheel Size	16 inches
Hitch Compatibility	Universal, for bicycle seat posts ≤ 30mm diameter
Included Components	Cargo box, Wheels, Fabric Cover, Hitch Bar, Reflectors

Warranty and Support

For warranty information, product support, or to inquire about replacement parts, please contact HOMCOM customer service. Keep your purchase receipt as proof of purchase.
You can find more information and contact details on the official HOMCOM website or through your retailer.