PEXMOR BT105

PEXMOR Foldable Bike Cargo Trailer User Manual

Model: BT105

Introduction

Thank you for choosing the PEXMOR Foldable Bike Cargo Trailer. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new cargo trailer. Please read this manual thoroughly before use and retain it for future reference.
This multi-purpose trailer is designed for transporting various items such as groceries, camping gear, or other cargo. Its foldable design allows for easy storage and transport when not in use. The trailer features durable construction, 16-inch air-filled wheels for a smooth ride, and safety reflectors for enhanced visibility.

Safety Information

Always prioritize safety when operating the bike cargo trailer. Failure to follow these instructions could result in injury or damage to property.

- Ensure all connections are secure before each use.
- Do not exceed the maximum load capacity of 90 kg (198 lbs).
- Distribute weight evenly within the trailer to maintain stability.
- Always use the safety reflectors provided, especially when riding in low light conditions.
- The trailer is not suitable for e-bikes.
- Avoid sudden turns or excessive speeds, as this can cause the trailer to tip.
- Regularly check tire pressure and condition.
- Be aware of increased braking distance and turning radius when towing a trailer.

Package Contents

Verify that all components are present and undamaged before assembly. If any parts are missing or damaged, please contact customer support.



Image: All components of the PEXMOR Bike Cargo Trailer laid out on a carpeted floor, including the frame sections, wheels, and hardware, next to the instruction manual.

Component List

Item	Description	Quantity
1	Basket Back Baffle (with Reflector)	1
2	Basket Front Baffle	1
3	Basket Side Baffle	2
4	Basket Bottom Plate	1

Item	Description	Quantity
5	Wheel	2
6	Long Bent Rod with Buckle	1
7	Plastic Support Adjuster	1
8	Fixed Pin (Big)	1
9	Long Screw with Nut	1
10	Fixed Pin (Small)	4
11	Short Screw with Nut	4
12	Pattern Nut	4
13	Hook Gasket	4
14	Flat Nut	8
15	Axle	2

Setup and Assembly

Follow these steps to assemble your PEXMOR Foldable Bike Cargo Trailer.

1. Unpacking and Inspection

Carefully remove all components from the packaging. Lay them out on a clean, flat surface. Refer to the "Package Contents" section to ensure all parts are present and undamaged. Pay close attention to the wheels and frame for any signs of damage from shipping.

2. Assembling the Frame

1. Attach the Basket Front Baffle (2) and Basket Back Baffle (1) to the Basket Bottom Plate (4) using the provided screws and nuts.
2. Connect the Basket Side Baffles (3) to complete the main cargo basket structure.
3. Ensure all connections are tightened securely.



Image: Diagram showing the dimensions of the PEXMOR Bike Cargo Trailer in its assembled state and how it folds for storage.

3. Attaching the Wheels

1. Insert the Axles (15) through the wheel hubs (5).
2. Secure the wheels to the trailer frame using the Flat Nuts (14), Pattern Nuts (12), and Hook Gaskets (13).
3. Ensure the wheels spin freely and are securely fastened.



Image: Close-up view of the 16-inch air-filled wheels on the PEXMOR Bike Cargo Trailer, highlighting their size and design for a smooth ride.

4. Attaching the Hitch Arm

1. Connect the Long Bent Rod with Buckle (6) to the front of the trailer frame using the appropriate Fixed Pin (Big) (8) and Long Screw with Nut (9).
2. Attach the Plastic Support Adjuster (7) to the hitch arm.

5. Attaching to Your Bicycle

1. The universal hitch attaches to the rear axle of your bicycle.
2. Slide the hitch connector onto your bike's rear axle and secure it with the provided pin.
3. Ensure the connection is firm and the trailer is aligned properly behind the bike.
4. **Note:** This trailer is not suitable for e-bikes.



Image: The PEXMOR Bike Cargo Trailer attached to the rear wheel of a bicycle, showing the universal hitch mechanism.

Operating Instructions

Loading the Trailer

- Place items securely within the cargo area.
- Distribute weight evenly to prevent instability during transport.
- Do not exceed the maximum load capacity of 90 kg (198 lbs).
- For large items, the front and back baffles can be removed, and the sides folded down to provide more space.



Image: The PEXMOR Bike Cargo Trailer with a cardboard box loaded, demonstrating its cargo capacity. The image also shows the 90kg loading capacity icon.

Folding and Storage

The trailer is designed for easy folding to save space when not in use.

1. Remove any cargo from the trailer.
2. Detach the trailer from your bicycle.
3. Release the locking pins on the side baffles to fold them down.
4. The front and back baffles can also be removed for a more compact storage.



Image: The PEXMOR Bike Cargo Trailer shown in its folded configuration, illustrating how it can be compactly stored.

Maintenance

Regular maintenance ensures the longevity and safe operation of your cargo trailer.

- **Tires:** Check tire pressure before each ride. Ensure tires are free from punctures or excessive wear.
- **Frame:** Inspect the steel frame for any signs of rust, bends, or cracks. The anti-rust powder coating helps protect the frame, but regular cleaning and inspection are recommended.
- **Connections:** Verify that all screws, nuts, and pins are securely tightened. Loose connections can lead to instability.
- **Reflectors:** Ensure all red and yellow reflectors are clean, intact, and properly positioned for maximum visibility.



Image: Close-up view of the PEXMOR Bike Cargo Trailer highlighting the red and yellow safety reflectors for increased visibility.

Troubleshooting

Common Issues and Solutions

Problem	Possible Cause	Solution
Trailer is unstable or wobbles during use.	Uneven weight distribution; loose hitch connection; low tire pressure.	Redistribute cargo evenly. Check and tighten the hitch connection. Inflate tires to recommended pressure.
Trailer does not track straight behind the bike.	Improper hitch alignment; bent hitch arm or frame.	Ensure the hitch is correctly installed and aligned with the bike's rear axle. Inspect the hitch arm and frame for damage.

Problem	Possible Cause	Solution
Wheels are wobbly or have broken spokes.	Manufacturing defect; damage during transit or use.	Contact customer support for replacement wheels or parts.
Difficulty folding the trailer.	Obstruction; stiff hinges.	Ensure no cargo is present. Check for any debris or bent parts obstructing the folding mechanism. Apply lubricant to hinges if necessary.

Specifications

- **Brand:** PEXMOR
- **Model Number:** BT105
- **Color:** Black
- **Product Dimensions (L x W x H):**51.18" x 26.77" x 17.7"
- **Maximum Weight Recommendation:** 198 Pounds (90 kg)
- **Wheel Size:** 16 inches
- **Material:** Steel frame with anti-rust powder coating, PE bottom plate
- **UPC:** 840323501217

Warranty and Support

For warranty information regarding your PEXMOR Foldable Bike Cargo Trailer, please contact the seller directly. The product includes a manual and the bicycle trailer itself.
If you encounter any issues or have questions not covered in this manual, please reach out to PEXMOR customer service or the retailer where you purchased the product for assistance.
Manufacturer: PEXMOR

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