

M-Wave Single 40

M-Wave Stalwart Single 40 Bicycle Cargo Trailer Instruction Manual

Model: Single 40 (Part No. 16400471)

INTRODUCTION

This manual provides essential information for the safe and effective use of your M-Wave Stalwart Single 40 Bicycle Cargo Trailer. Please read these instructions carefully before assembly and operation. Retain this manual for future reference.

PRODUCT OVERVIEW

The M-Wave Stalwart Single 40 is a single-track bicycle cargo trailer designed for transporting goods. It features a stable steel frame, a 16-inch wheel, and a perforated plate bottom for secure cargo placement. Its design allows for tool-less folding for convenient storage and transport.



Image: The M-Wave Stalwart Single 40 Bicycle Cargo Trailer, showing its single-wheel design, frame, and cargo area.



Image: The M-Wave Stalwart Single 40 Bicycle Cargo Trailer with an overlay indicating its maximum load capacity of 27 kg.

SAFETY INFORMATION

- Do not exceed the maximum load capacity of 27 kg (59.5 lbs).
- Ensure all connections, especially the hitch to the bicycle, are securely fastened before each use.
- Distribute cargo evenly to maintain stability.
- Always use the safety flag for increased visibility, especially in traffic.
- Be aware that the trailer adds length and weight to your bicycle, affecting braking and maneuverability.
- Avoid sharp turns at high speeds to prevent tipping.
- Regularly inspect the tire pressure, wheel, and frame for any signs of wear or damage.

SETUP AND ASSEMBLY

While the trailer is designed for tool-less folding, initial assembly may require some effort. Follow these steps for proper setup:

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components listed in the packing list are present.

2. **Attach the Wheel:**

- Locate the 16-inch wheel with the aluminum hub and quick-release (QR) mechanism.
- Insert the wheel axle into the designated slots on the trailer frame.
- Secure the wheel using the quick-release lever. Ensure it is firmly tightened.



Image: Side view of the M-Wave Stalwart Single 40 Bicycle Cargo Trailer, showing the wheel and frame structure.

3. **Assemble the Frame:**

- Unfold the stable steel frame.
- Connect the frame sections as per the design, ensuring all locking pins or quick-release mechanisms click into place.
- Attach the perforated plate bottom to the frame if it is not pre-attached.

4. **Install the Safety Flag:**

- Insert the safety flag pole into the designated receptacle on the rear of the trailer.
- Ensure the flag is upright and visible.

5. Attach to Bicycle:

- The trailer connects to your bicycle via a steering joint hitch.
- Securely attach the hitch mechanism to the rear axle or chainstay of your bicycle, following the specific instructions provided with the hitch component (if separate).
- Verify that the connection is secure and allows for proper articulation.



Image: Rear view of the M-Wave Stalwart Single 40 Bicycle Cargo Trailer, showing its connection point to a bicycle.

OPERATING INSTRUCTIONS

Proper operation ensures safety and extends the life of your trailer.

1. Loading Cargo:

- Place cargo directly onto the perforated plate bottom.
- Distribute weight evenly to maintain balance and stability.
- Secure cargo using straps or bungee cords to prevent shifting during transit.
- Do not exceed the maximum load capacity of 27 kg.



Image: A person loading a large black bag onto the M-Wave Stalwart Single 40 Bicycle Cargo Trailer, demonstrating cargo placement.

2. Riding with the Trailer:

- Practice riding with an empty trailer in a safe area to get accustomed to the added length and handling characteristics.
- Always maintain a safe speed, especially when turning or descending hills.
- Allow for increased braking distance due to the added weight.
- Be mindful of the trailer's width and length when navigating narrow paths or crowded areas.



Image: A person riding a bicycle with the M-Wave Stalwart Single 40 Bicycle Cargo Trailer attached, showing the trailer in use on a path.

3. Folding for Storage:

- The trailer is designed to be tool-less foldable for compact storage.
- Release the quick-release mechanisms or locking pins on the frame to collapse it.
- Remove the wheel if necessary for further compactness.

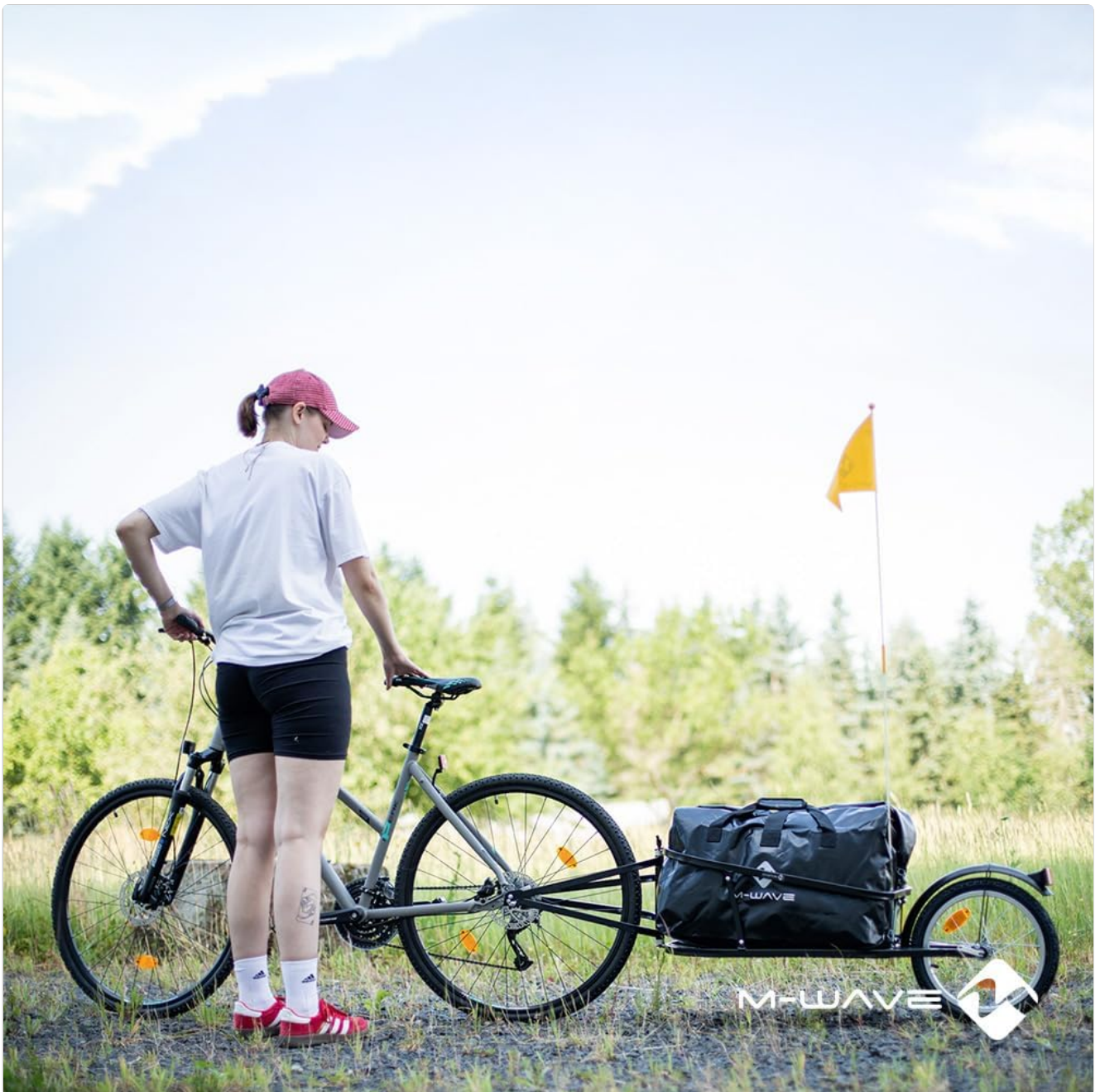


Image: The M-Wave Stalwart Single 40 Bicycle Cargo Trailer in its folded configuration, demonstrating its compact storage capability.

MAINTENANCE

Regular maintenance will ensure the longevity and safe operation of your trailer.

- **Tire Pressure:** Check the tire pressure before each ride. Maintain the recommended pressure as indicated on the tire sidewall.
- **Wheel Bearings:** Periodically check the wheel for smooth rotation. If you notice any grinding or excessive play, the bearings may need cleaning or replacement.
- **Frame Inspection:** Regularly inspect the steel frame for any signs of cracks, bends, or corrosion. Address any damage promptly.
- **Hitch Mechanism:** Ensure the hitch mechanism is clean and free of debris. Lubricate moving parts as needed to ensure smooth articulation.
- **Fasteners:** Check all bolts, nuts, and quick-release levers for tightness. Tighten any loose fasteners.
- **Cleaning:** Clean the trailer with mild soap and water. Avoid harsh chemicals that could damage the finish. Dry thoroughly after cleaning.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Trailer wobbles or feels unstable.	Uneven cargo distribution, loose hitch connection, low tire pressure, damaged wheel.	Redistribute cargo evenly. Check and tighten hitch connection. Inflate tire to recommended pressure. Inspect wheel for damage.
Difficulty attaching or detaching trailer.	Hitch mechanism is dirty or misaligned, quick-release not fully open/closed.	Clean and lubricate hitch. Ensure quick-release is operated correctly. Check for obstructions.
Excessive noise from wheel.	Dry or damaged wheel bearings, loose spokes, debris in wheel.	Inspect and lubricate/replace bearings. Check spoke tension. Clean wheel.
Trailer does not fold easily.	Locking pins or quick-release mechanisms are stiff or misaligned.	Apply a small amount of lubricant to moving parts. Ensure mechanisms are fully disengaged.

SPECIFICATIONS

Feature	Detail
Model Name	M-Wave Stalwart Single 40
Part Number	16400471
Frame Material	Alloy Steel
Wheel Size	16 inches (with aluminum hub and QR)
Max Load Capacity	27 kg (59.5 lbs)
Product Dimensions (L x W x H)	Approx. 131 cm x 44 cm x 28 cm (51.57"L x 17.32"W x 11.02"H)
Cargo Bed Dimensions	Approx. 61 cm x 40/30 cm (Flat perforated plate bottom)
Item Weight	8 Kilograms (17.6 lbs)
Color	Black

WARRANTY AND SUPPORT

For warranty information or technical support, please contact M-Wave customer service. Keep your purchase receipt as proof of purchase.

Visit the official M-Wave store for more information:[M-Wave Store on Amazon](#)





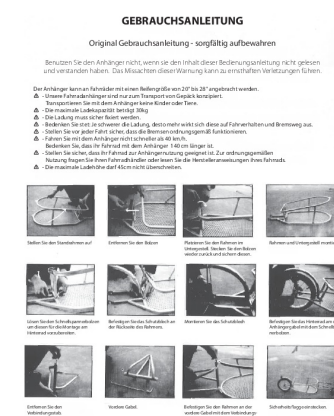
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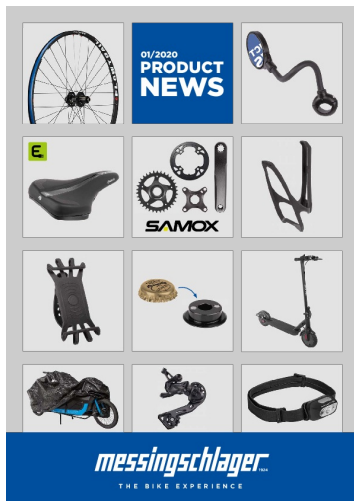


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