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> Topeakmart 10-inch Solid Rubber Tyre Wheels Instruction Manual

## Topeakmart 10-inch Solid Rubber Tyre Wheels

# Topeakmart 10-inch Solid Rubber Tyre Wheels User Manual

Model: 10-inch Solid Rubber Tyre Wheels

## INTRODUCTION

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Thank you for choosing Topeakmart Solid Rubber Tyre Wheels. These durable, no-flat wheels are designed for various applications including garden sack trucks, trolleys, and wheelbarrows. Constructed from premium urethane and featuring an iron hub with ball bearings, they offer reliable performance without the need for inflation. This manual provides essential information for the proper setup, operation, and maintenance of your new wheels.

## PRODUCT FEATURES

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- **Solid Construction:** Made from premium urethane, these tires are puncture-proof and never go flat, eliminating the need for air inflation.
- **Durable Materials:** Features a sturdy iron hub for long-lasting use.
- **Smooth Operation:** Equipped with ball bearings to reduce resistance and ensure flexible movement.
- **High Load Capacity:** Each wheel set (4 wheels) supports up to 250kg (550lb), or 100kg (220lb) for two wheels.
- **Optimal Tread:** Saw-tooth tread pattern provides a balance of traction and maneuverability.

## SETUP AND INSTALLATION

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These wheels are designed for easy replacement on equipment with a 5/8-inch axle. Ensure your equipment's axle diameter matches the wheel's bearing size for proper fitment.

1. **Prepare Equipment:** Safely secure the equipment (e.g., sack truck, wheelbarrow) to prevent movement during installation. If replacing existing wheels, remove them carefully.
2. **Inspect Axle:** Clean the axle shaft and inspect for any damage or debris. Ensure the axle diameter is 5/8-inch.
3. **Install Wheel:** Slide the new Topeakmart solid rubber wheel onto the axle. Ensure the ball bearings are properly seated.
4. **Secure Wheel:** Use appropriate washers and cotter pins or nuts (not included, typically reused from original wheels or purchased separately) to secure the wheel firmly on the axle. Ensure there is a small amount of play to allow for free rotation, but not excessive wobble.
5. **Test Movement:** Once installed, gently test the wheel's rotation and ensure it moves freely without binding.



This image illustrates the key dimensions of the solid rubber wheel, including a 10-inch overall diameter, 1.5-inch hub width, 0.6-inch bearing diameter, 4.5-inch tread width, and 3.1-inch side wall height.



A clear front view of the solid rubber wheel, highlighting its robust construction and tread pattern.

## OPERATING INSTRUCTIONS

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Topeakmart solid rubber wheels are designed for general-purpose use on various carts and equipment. Their solid construction means they are always ready for use without air pressure checks.

- **Load Capacity:** Adhere to the maximum weight capacity of your equipment and the wheels. The wheels are rated for a maximum of 250kg (550lb) for a set of four, or 100kg (220lb) for a pair. Distribute loads evenly to prevent excessive stress on individual wheels.
- **Terrain:** The saw-tooth tread provides good traction on various surfaces, including grass, dirt, and paved areas. Avoid sharp objects that could damage the tire material, although the solid design offers significant puncture resistance.
- **Storage:** When storing equipment with these wheels for extended periods, especially under heavy load, consider rotating

the equipment or lifting the wheels off the ground to prevent potential flat spotting of the tire material.



This image shows the solid rubber wheels in use on a typical garden utility cart, demonstrating their application.



The solid rubber wheels are shown fitted to a black sack truck, illustrating their suitability for heavy-duty transport.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your Topeakmart wheels.

- **Cleaning:** Periodically clean the wheels with water and a mild detergent to remove dirt, mud, and debris. Avoid harsh chemicals that could degrade the urethane material.
- **Inspection:** Regularly inspect the tires for cuts, gouges, or excessive wear. Check the hub and axle for any signs of damage, corrosion, or loose components.
- **Bearing Check:** Ensure the ball bearings rotate smoothly. If you notice stiffness or grinding, the bearings may need cleaning or replacement. While these are sealed bearings, extreme conditions can affect them.
- **Axle Lubrication:** If your equipment's axle allows, apply a small amount of grease or lubricant to the axle shaft where the wheel rotates to ensure smooth movement and prevent rust.
- **Storage:** As mentioned in operating instructions, for long-term storage under load, consider relieving pressure on the wheels to prevent flat spots.



This image highlights the solid construction of the tire, showing that it is impervious to punctures from objects like screws.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Wheel does not rotate freely.	Debris in bearings, axle bent, or wheel secured too tightly.	Remove wheel and clean axle/bearings. Straighten or replace bent axle. Loosen securing hardware slightly.
Wheel wobbles excessively.	Loose securing hardware or incorrect washers.	Tighten securing hardware. Ensure correct washers are used to minimize play without binding.
Tire develops flat spots.	Equipment stored under heavy load for extended periods.	Rotate equipment periodically or lift wheels off the ground during long-term storage, especially with heavy loads.
Wheel does not fit axle.	Incorrect axle diameter.	Ensure your equipment has a 5/8-inch diameter axle. These wheels are not compatible with other axle sizes.

## SPECIFICATIONS

Feature	Detail
Wheel Diameter	10 inches (25.5 cm)
Bearing Diameter	5/8 inches
Tire Material	Urethane
Hub Material	Iron
Bearing Type	Ball Bearing
Max Load Capacity (4 wheels)	250 kg (550 lb)
Max Load Capacity (2 wheels)	100 kg (220 lb)
Item Weight (per wheel)	Approximately 3.25 lbs (based on 13 lbs for 4 wheels)
Package Dimensions	14.37 x 10.83 x 10.83 inches (for a set)

## CONTACT AND SUPPORT

For further assistance, questions, or support regarding your Topeakmart Solid Rubber Tyre Wheels, please contact the manufacturer directly through their official website or the platform where the product was purchased. Please have your purchase details and product model information ready when contacting support.