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VEVOR 15x6-6" Tube with Rim Centered Hub

VEVOR 15x6.00-6" Lawn Mower Tire and Wheel Assembly User Manual

Model: 15x6-6" Tube with Rim Centered Hub

Safety Instructions Product Overview Setup & Installation Operation Maintenance
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1. Safety Instructions

Read and understand all safety warnings and instructions before installing or operating the VEVOR lawn mower tires. Failure to follow these instructions may result in serious injury or property damage.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including safety glasses and gloves, when handling or installing tires.
- **Vehicle Stability:** Ensure the lawn mower or tractor is securely supported on a level surface using jack stands before attempting any tire removal or installation. Never rely solely on a jack.
- **Tire Pressure:** Do not exceed the maximum inflation pressure of 30 PSI for these pneumatic tires. Over-inflation can cause the tire to burst, leading to severe injury. Use a reliable tire pressure gauge.
- **Correct Sizing:** Verify that the replacement tires match the original equipment specifications for your vehicle. Incorrect tire sizes can affect vehicle stability and performance.
- **Hub and Bushing Compatibility:** Confirm that the 3" centered hub and 3/4" bushing size are compatible with your equipment's axle. Use the provided adapter kit as needed for proper fitment.
- **Damaged Tires:** Do not attempt to repair severely damaged tires or rims. Replace them with new ones.
- **Children and Bystanders:** Keep children and bystanders away from the work area during installation and maintenance.

2. Product Overview

The VEVOR 15x6.00-6" Lawn Mower Tire and Wheel Assemblies are designed for reliable performance on riding mowers and lawn tractors. These turf pneumatic tires offer excellent grip and shock absorption for a smooth ride.

2.1 Key Features

- **Size:** 15x6.00-6" (15 inch diameter, 6 inch width, 6 inch rim diameter).
- **Load Capacity:** Up to 400 lbs per wheel, suitable for heavy-duty use.
- **Hub and Bushing:** Features a 3" centered hub and 3/4" bushing size for broad compatibility.
- **Pneumatic Design:** Provides superior shock absorption and a smoother ride compared to solid tires.
- **Tread Pattern:** Designed for optimal traction on turf surfaces, minimizing lawn damage.
- **Durable Construction:** Made from premium rubber with a rugged steel rim for longevity.

- **Adapter Kit:** Includes 16 additional fittings (shims, nylon spacers, zinc washers) to ensure accurate fitment across various models.

2.2 Components Included

- 2 x VEVOR 15x6.00-6" Lawn Mower Tire with Rims
- 4 x 5/8 inch Shims
- 4 x φ1 x φ3/4 x 1/2 inch Nylon Spacers
- 4 x φ1 x φ3/4 x 1/4 inch Nylon Spacers
- 4 x φ1.25 x φ3/4 x 0.08 inch Zinc Washers



Image: VEVOR 15x6-6 inch Lawn Mower Tire showing overall dimensions (15 inch diameter, 6 inch width, 6 inch rim diameter).



Image: Close-up view of the tire's hub, illustrating the 3 inch hub depth and 3/4 inch bushing size for precise fitment.



Image: The included 16-piece adapter kit, featuring various shims, nylon spacers, and zinc washers for enhanced compatibility.

3. Setup & Installation

Proper installation is crucial for the safe and effective operation of your lawn mower or tractor. Follow these steps carefully.

3.1 Tools Required

- Jack and Jack Stands
- Wrench set (to remove lug nuts)
- Tire pressure gauge
- Air compressor (for inflation)
- Safety glasses and gloves

3.2 Installation Steps

1. **Prepare the Vehicle:** Park the lawn mower or tractor on a flat, stable surface. Engage the parking brake and turn off the engine. Remove the ignition key.

2. **Lift the Vehicle:** Carefully lift the section of the vehicle where the tire is to be replaced using a jack. Place sturdy jack stands under the vehicle frame to ensure stability. Never work under a vehicle supported only by a jack.
3. **Remove Old Tire:** Loosen and remove the lug nuts or retaining clips securing the old wheel assembly. Carefully slide the old wheel off the axle.
4. **Check Axle and Hub:** Inspect the axle for any damage or wear. Compare the hub and bushing dimensions of the new VEVOR tire with your vehicle's axle. The VEVOR tire features a 3" centered hub and 3/4" bushing.
5. **Install Adapters (if needed):** If the new tire's bushing does not fit snugly on your axle, use the provided shims, nylon spacers, or zinc washers from the 16-piece adapter kit to achieve a secure fit. Ensure the wheel rotates freely without excessive play.
6. **Mount New Tire:** Carefully slide the new VEVOR tire and wheel assembly onto the axle, ensuring it is properly seated.
7. **Secure Tire:** Reinstall the lug nuts or retaining clips. Tighten them securely, following your vehicle's manufacturer specifications for torque if available.
8. **Lower Vehicle:** Remove the jack stands and slowly lower the vehicle to the ground.
9. **Inflate to Correct Pressure:** Using an air compressor and tire pressure gauge, inflate the tire to the recommended maximum pressure of 30 PSI. Do not over-inflate.
10. **Final Check:** Visually inspect the installed tire for proper seating and ensure all fasteners are tight.

4. Operation

Once installed, the VEVOR lawn mower tires are ready for use. These tires are designed for optimal performance on turf surfaces.

- **Initial Use:** After installation, operate your lawn mower or tractor at a slow speed for a short period to ensure the new tires are functioning correctly and securely.
- **Traction:** The patterned tread provides strong traction on grass and uneven terrain, enhancing control during operation.
- **Smooth Ride:** The pneumatic design contributes to a smoother ride by absorbing shocks and vibrations, reducing operator fatigue.
- **Load Capacity:** These tires are rated for a maximum load of 400 lbs per wheel. Avoid exceeding this capacity to prevent damage and ensure safety.



Image: A lawn mower in operation, demonstrating the VEVOR tires providing stability and traction on a grassy surface.

5. Maintenance

Regular maintenance will extend the life of your VEVOR lawn mower tires and ensure continued safe operation.

- **Tire Pressure Check:** Check tire pressure regularly, at least once a month, and before each major use. Maintain the recommended pressure of 30 PSI. Under-inflation or over-inflation can lead to premature wear and reduced performance.
- **Inspect for Damage:** Periodically inspect the tires for cuts, punctures, cracks, or excessive wear. Also, check the rims for any signs of bending, rust, or damage. Replace damaged tires or rims immediately.
- **Clean Tires:** Remove any accumulated grass clippings, mud, or debris from the tires and rims. This prevents buildup that could affect balance or cause damage.
- **Storage:** When storing the lawn mower or tractor for extended periods, ensure the tires are properly inflated and stored in a cool, dry place away from direct sunlight and harsh chemicals.
- **Hub Lubrication:** If your axle system requires lubrication, follow your vehicle's manufacturer guidelines. The VEVOR tires are designed with a durable steel hub.

6. Troubleshooting

This section addresses common issues you might encounter with your VEVOR lawn mower tires.

Problem	Possible Cause	Solution
Tire loses air pressure quickly.	Puncture, leaky valve stem, or improper bead seating.	Inspect tire for punctures and repair if minor, or replace. Check valve stem for leaks. Ensure tire bead is fully seated on the rim.
Tire wobbles or is not centered.	Improper installation, incorrect adapters, or damaged rim/axle.	Re-check installation steps. Ensure correct adapters are used for a snug fit. Inspect rim and axle for damage.
Poor traction.	Under-inflation, worn tread, or operating on unsuitable surfaces.	Check and adjust tire pressure to 30 PSI. If tread is significantly worn, replace tires. Ensure operating on appropriate turf surfaces.
Excessive vibration during operation.	Unbalanced wheel, damaged tire/rim, or loose mounting.	Inspect tire and rim for damage. Ensure lug nuts/retaining clips are securely tightened. Consult a professional if vibration persists.

7. Specifications

Detailed specifications for the VEVOR 15x6.00-6" Lawn Mower Tire and Wheel Assembly.

Feature	Detail
Model Number	ZH003
Quantity	2 (per pack)
Tire Dimensions	15x6-6 inches (381x152-152 mm)
Bushing ID	3/4 inch (19.05 mm)
Hub Depth	3 inches (76.2 mm)
Max. Load Capacity	400 lbs (181 kg) per wheel
Max. Inflation Pressure	30 PSI
Net Weight	17.86 lbs (8.1 kg) per wheel
Material	Alloy Steel (rim), Rubber (tire)
Vehicle Service Type	Mower, Tractor

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TIRE SPECIFICATIONS

Item Model Number:	ZH003
Quantity:	2
Tire Dimensions:	15x6-6in / 381x152-152mm
Bushing ID:	3/4 in / 19.05 mm
Hub Depth:	3in / 76.2mm
Max. Load Capacity:	400lb / 181kg
Net Weight:	17.85lb / 8.1kg





Image: A table summarizing the tire specifications, including model number, dimensions, bushing ID, hub depth, and load capacity, alongside a visual representation of the tire's measurements.

8. Warranty & Support

VEVOR products are designed for durability and performance. For specific warranty information, please refer to the documentation included with your purchase or visit the official VEVOR website.

If you encounter any issues or have questions regarding the installation, operation, or maintenance of your VEVOR lawn mower tires, please contact VEVOR customer support for assistance. You can typically find contact information on the VEVOR website or on your purchase receipt.

Online Resources: For additional support, product information, and FAQs, visit the official VEVOR website:www.vevor.com

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