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GICOOL WH-RP3504S-2D

GICOOL 4.10/3.50-4" Pneumatic Tire and Wheel User Manual

Model: WH-RP3504S-2D

Product Overview

The GICOOL 4.10/3.50-4" pneumatic tire and wheel assembly is designed for a wide range of utility applications, offering durability and performance for various terrains. This product features a 10-inch pneumatic tire with a 2.25-inch offset hub and a 5/8-inch axle bore hole, compatible with a 4.5-inch rim. It is engineered for easy installation and provides reliable support for your equipment.



Image: Two GICOOL 4.10/3.50-4 inch pneumatic tires and wheels, shown with accompanying washers and cotter pins for installation.

Specifications

Feature	Detail
Tire Size	4.10/3.50-4" (10-inch diameter)
Hub Offset	2.25 inches
Axle Bore Hole	5/8 inches
Rim Width Compatibility	4.5 inches
Max Load Capacity (per wheel)	300 lbs (136 kg)
Recommended PSI (Cold)	30 PSI (2.0 BAR)
Tire Material	Highly elastic wear-resistant rubber (Nylon)

Wheel Hub Material	Premium steel
Bearings	Premium carburized sealed bearings
Tread Design	Staggered serrated for anti-slip and traction



Image: Detailed specifications and dimensions of the GICOOL 4.10/3.50-4 inch tire and wheel assembly.

Compatibility and Applications

These replacement tires are designed for extensive compatibility with various vehicles and equipment. They are suitable for:

- Dolly carts
- Hand truck trolleys

- Garden carts
- Boat dollies
- Garden utility wagons
- Garden scooters
- Hose reel carts
- And more applications requiring 4.10/3.50-4" pneumatic tires.

Important Note: These tires are not intended for highway use.



Image: Examples of equipment compatible with GICOOL 4.10/3.50-4 inch replacement tires.

Setup and Installation

The GICOOL pneumatic tire and wheel assembly is designed for ease of installation. Follow these general steps for

replacement:

1. **Preparation:** Ensure your equipment is stable and secured before beginning any work. Gather necessary tools such as wrenches, a tire pump, and safety gloves.
2. **Remove Old Wheel:** Carefully remove the existing wheel from the axle. This may involve removing cotter pins, washers, or nuts.
3. **Inspect Axle:** Check the axle for any damage, rust, or debris. Clean if necessary.
4. **Install New Wheel:** Slide the new GICOOL tire and wheel onto the axle, ensuring the 5/8" axle bore hole aligns correctly. The 2.25" offset hub should fit as intended.
5. **Secure Wheel:** Re-attach any washers, nuts, or cotter pins to secure the new wheel firmly in place. Ensure all fasteners are tightened appropriately.
6. **Inflate Tire:** Inflate the pneumatic tire to the recommended pressure of 30 PSI (cold). Do not overinflate.
7. **Test:** Gently test the equipment to ensure the new wheels rotate smoothly and are securely attached.

The wheel rim is designed in two halves, making it easier to change the inner and outer tubes if needed.



Image: Exploded view of the wheel rim, demonstrating its two-half design for easier tube replacement.



Image: Close-up of the wheel hub, highlighting the sealed bearings for smooth operation.

Operating Guidelines

These tires are designed for optimal performance on various terrains, including snow, gravel, and dirt roads, providing superior maneuverability and traction.



Image: GICOOL tires performing on various terrain surfaces, demonstrating their high grip and wear-resistant properties.

Ensure tires are properly inflated to 30 PSI (cold) before each use to maintain optimal load-bearing capacity and performance. The premium carburized bearings allow for smooth movement even under heavy loads up to 300 lbs per wheel.



Image: Demonstration of the high load-bearing capability of GICOOL tires, supporting up to 300 lbs per wheel.

Maintenance

Regular maintenance will extend the lifespan and ensure the continued performance of your GICOOL tires.

- **Tire Pressure:** Check tire pressure regularly and maintain it at 30 PSI (cold). Under-inflation can lead to premature wear and reduced load capacity.
- **Cleaning:** Clean tires and wheels periodically to remove dirt, mud, and debris, especially after use in harsh conditions.
- **Storage:** Store equipment with GICOOL tires in a cool, dry place away from direct sunlight and extreme temperatures to prevent rubber degradation.
- **Inspection:** Periodically inspect the tires for cuts, punctures, or excessive wear. Check the wheel hub and bearings for any signs of damage or unusual movement.

- **Tube Replacement:** If the inner tube is punctured or damaged, it can be replaced. The two-half rim design facilitates this process.



Image: Internal structure of the GICOOL tire, highlighting components that contribute to its longer service life and durability.

Troubleshooting

Common issues and their solutions:

- **Issue: Tire loses air quickly.**
  Solution: Check for punctures in the inner tube. If a puncture is found, repair or replace the inner tube. Ensure the valve stem is not leaking and the valve cap is securely in place.
- **Issue: Wheel wobbles or does not spin smoothly.**
  Solution: Verify that the wheel is securely fastened to the axle and that all nuts and cotter pins are tightened.

Inspect the bearings for damage or excessive wear. Replace bearings if necessary.

- **Issue: Reduced load capacity or tire appears flat under load.**
  Solution: Check and adjust tire pressure to the recommended 30 PSI (cold). Ensure the load does not exceed the 300 lbs per wheel capacity.

Warranty and Support

For warranty information or technical support, please refer to the manufacturer's official website or contact GICOOL customer service directly. Keep your purchase receipt for any warranty claims.
GICOOL specializes in the design, production, and sales of tires for various applications, including garden carts, lawn mowers, agricultural machinery, golf carts, and trailers. They aim to provide affordable prices, superior quality, and continuous innovation.
Visit the official GICOOL Store for more products and information:GICOOL Store on Amazon

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