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› WTB HTZ i35 Front Wheel User Manual

WTB W045-0259

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Model: W045-0259

PRODUCT OVERVIEW

The WTB HTZ i35 Front Wheel is engineered for e-assist mountain bikes, designed to withstand the increased forces associated with modern e-bikes. Its robust construction ensures reliability, sturdiness, and safety for riders.

Key features include:

- Rim walls 25-30% thicker than standard rims for enhanced durability.
- TCS 2.0 Tubeless Ready system for dependable tubeless setup.
- HTZ hubs with integrated heat sink on the 6-bolt rotor mount to manage heat and reduce brake fade, especially with oversize 220mm rotors.
- Double-stacked Enduro sealed bearings for increased stiffness and extended bearing life.
- 27.5-inch wheel size, optimized for trail bike applications.



Image: The WTB HTZ i35 Front Wheel, showcasing its black rim, spokes, and hub. This image provides a clear view of the wheel's overall structure and design.

SETUP AND INSTALLATION

Proper installation is crucial for performance and safety. It is recommended that installation be performed by a qualified bicycle mechanic.

Pre-Installation Check

- Inspect the wheel for any shipping damage.
- Verify all components are present: wheel, axle adapters (if applicable), and any included hardware.
- Ensure compatibility with your bicycle's frame/fork, axle standard (15mm Thru x 110mm Boost), and brake system (6-Bolt Disc).

Axle Installation

1. Insert the 15mm thru-axle into your fork's dropouts.
2. Align the wheel with the fork dropouts and slide the thru-axle through the hub.
3. Tighten the thru-axle according to your fork manufacturer's specifications.

Brake Rotor Installation

The HTZ i35 wheel is designed for 6-bolt disc brake rotors.

1. Clean the rotor and hub mounting surface.
2. Align the 6-bolt rotor with the mounting holes on the hub.
3. Install the six rotor bolts, tightening them in a star pattern to the manufacturer's specified torque (typically 6.2 Nm). Use thread locker if recommended by the rotor manufacturer.

Tire Installation (Tubeless Ready)

This wheel is TCS 2.0 Tubeless Ready. For tubeless setup, you will need tubeless tires, tubeless valve stems (Presta), and tubeless sealant.

1. Ensure the rim tape is properly seated and free of damage.
2. Install the tubeless valve stem through the valve hole (Presta valve).
3. Mount the tubeless tire onto the rim, ensuring the bead is fully seated.
4. Add the recommended amount of tubeless sealant through the valve stem or directly into the tire.
5. Inflate the tire to seat the beads, listening for distinct pops.
6. Check for air leaks and rotate the wheel to distribute sealant.

OPERATING GUIDELINES

The WTB HTZ i35 Front Wheel is designed for aggressive trail riding on e-assist mountain bikes. Adhere to recommended tire pressures and regularly inspect the wheel for optimal performance.

Tire Pressure

Refer to your tire manufacturer's recommendations for appropriate tire pressure. Lower pressures are often used for tubeless setups to enhance grip and comfort, but avoid pressures that could lead to rim damage from impacts.

Braking Performance

The HTZ hub's heat sink helps manage heat generated during braking, especially with larger rotors. Ensure your brake system is properly bled and pads are in good condition for consistent braking performance.

MAINTENANCE

Regular maintenance extends the life and ensures the safety of your WTB HTZ i35 Front Wheel.

Cleaning

- Clean the wheel with mild soap and water after each ride, especially after riding in wet or muddy conditions.
- Avoid high-pressure washers directly on bearings or seals.
- Dry thoroughly with a soft cloth.

Bearing Inspection

- Periodically check the hub bearings for play or roughness.

- The double-stacked Enduro sealed bearings are designed for durability, but replacement may be necessary if wear is detected. Consult a professional mechanic for bearing service.

Spoke Tension and Truing

- Regularly check spoke tension. Uneven tension can lead to wheel damage or failure.
- If the wheel is out of true (wobbles side-to-side) or has flat spots, have it trued by a qualified mechanic.

Tubeless Sealant Refresh

- Tubeless sealant dries out over time. Check and refresh sealant every 2-6 months, or as recommended by the sealant manufacturer.

TROUBLESHOOTING

This section addresses common issues you might encounter with your WTB HTZ i35 Front Wheel.

Problem	Possible Cause	Solution
Wheel wobbles (out of true)	Uneven spoke tension, impact damage	Have the wheel trued by a professional mechanic.
Air leaking from tire (tubeless)	Insufficient sealant, damaged rim tape, improperly seated tire bead, damaged valve stem	Add more sealant, inspect/replace rim tape, re-seat tire bead, check/tighten valve stem.
Hub feels rough or has play	Worn or damaged bearings	Consult a professional mechanic for bearing inspection and replacement.
Brake fade or inconsistent braking	Overheated rotor/pads, contaminated pads, air in brake lines	Allow brakes to cool, clean/replace pads, bleed brake system. Ensure proper rotor size (up to 220mm).

SPECIFICATIONS

Feature	Detail
Model Name	HTZ i35 Front Wheel
Part Number	W045-0259
Brand	WTB
Wheel Size	27.5 inches (ISO Diameter: 584 / 650b)
Rim Width (Internal)	35mm
Front Axle Compatibility	15mm Thru x 110mm (Boost)
Valve Type	Presta
Color	Black / Carbon
Tire Type Compatibility	Tubeless Ready (TCS 2.0)

Feature	Detail
Hub/Brake Compatibility	6-Bolt Disc
Designed for E-bike	Yes
Material	Carbon Fiber (Rim)
Approx. Item Weight	4.5 Pounds (2.04 kg)
UPC	714401452596

WARRANTY INFORMATION

WTB products are covered by a limited warranty against defects in materials and workmanship. For specific warranty terms, conditions, and duration, please refer to the official WTB website or contact WTB customer support directly. Keep your proof of purchase for warranty claims.

Note: Damage resulting from improper installation, misuse, neglect, accidents, or unauthorized modifications is not covered under warranty.

SUPPORT AND CONTACT

For technical assistance, spare parts, or further inquiries regarding your WTB HTZ i35 Front Wheel, please visit the official WTB website or contact their customer support.

- **WTB Official Website:** www.wtb.com
- **Customer Support:** Refer to the website for contact details (phone, email, or contact form).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question