



Manuals.plus /

› FOLIAGE /

› FOLIAGE Deck Wheel Replacement Instruction Manual for Gravely ZT 2044, ZT 2048, ZT 2148 Series

FOLIAGE 100191_171

FOLIAGE Deck Wheel Replacement Instruction Manual

MODEL: 100191_171 FOR GRAVELY ZT 2044, ZT 2048, ZT 2148 SERIES

1. Introduction

This manual provides detailed instructions for the installation, maintenance, and troubleshooting of your FOLIAGE replacement deck wheel, model 100191_171. This part is designed to be compatible with specific Gravely ZT series lawn mowers, including ZT 2044 (915078), ZT 2048 (915025, 915038), and ZT 2148 (915048). Please read this manual thoroughly before proceeding with any installation or maintenance to ensure proper function and safety.

2. Safety Information

Always prioritize safety when working with machinery. Failure to follow these safety guidelines may result in injury or damage to equipment.

- **Disconnect Power:** Before performing any maintenance or installation, ensure the lawn mower's engine is off, the spark plug wire is disconnected, and the key is removed to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including gloves and eye protection.
- **Stable Surface:** Work on a flat, stable surface. Use appropriate jacks or stands to secure the mower if lifting is required.
- **Proper Tools:** Use the correct tools for the job to avoid stripping fasteners or causing damage.
- **Read Mower Manual:** Refer to your Gravely lawn mower's original owner's manual for specific safety procedures and deck removal instructions.

3. Product Overview

The FOLIAGE replacement deck wheel is designed to support the mower deck, allowing it to glide smoothly over uneven terrain and prevent scalping. It includes the wheel, bolt, and nut for installation.



Figure 1: FOLIAGE replacement deck wheel assembly, including the black wheel, a gold-colored bolt, and a silver-colored nut. This component is crucial for maintaining the correct height of your mower deck.

4. Setup and Installation

Follow these steps to replace the deck wheel on your Gravely ZT series lawn mower.

1. **Prepare the Mower:** Park the mower on a level surface. Turn off the engine, remove the key, and disconnect the spark plug wire. Allow the engine and any hot components to cool down.
2. **Access the Deck Wheel:** Depending on your mower model, you may need to raise the mower deck or remove it entirely to comfortably access the deck wheels. Consult your mower's manual for specific instructions on deck removal or adjustment.
3. **Remove the Old Wheel:** Locate the worn or damaged deck wheel. Use appropriate wrenches to loosen and remove the nut securing the old wheel's bolt. Carefully slide out the bolt and remove the old wheel.
4. **Inspect the Mounting Area:** Clean any debris from the mounting bracket. Inspect the bracket for damage or wear.
5. **Install the New Wheel:** Position the new FOLIAGE deck wheel into the mounting bracket. Insert the new bolt through the bracket and the wheel. Secure it with the provided nut.
6. **Tighten Fasteners:** Tighten the nut securely. Do not overtighten, as this can damage the wheel or bracket. The wheel should spin freely but without excessive wobble.
7. **Reassemble Mower:** Reattach the mower deck if it was removed. Reconnect the spark plug wire.

5. Operating Considerations

After installation, perform a quick check to ensure the deck wheel functions correctly.

- **Visual Inspection:** Before starting the mower, visually confirm that the new deck wheel is securely attached and aligned.
- **Test Spin:** Manually spin the wheel to ensure it rotates freely without binding.
- **Initial Operation:** Operate the mower at a low speed in a clear area. Listen for any unusual noises and observe the deck's stability.
- **Deck Height Adjustment:** Ensure the deck height adjustment mechanism functions correctly and the deck maintains the desired cutting height with the new wheel installed.

6. Maintenance

Regular maintenance will extend the life of your FOLIAGE deck wheel and ensure optimal mower performance.

- **Regular Cleaning:** After each use, clean grass clippings and debris from around the deck wheels and their mounting brackets. Accumulated debris can hinder rotation and cause premature wear.
- **Inspection:** Periodically inspect the deck wheels for signs of wear, cracks, or damage. Check the bolt and nut for tightness. Replace any worn or damaged components promptly.
- **Lubrication:** While these wheels are often designed for minimal maintenance, if your mower's manual suggests lubrication for deck wheel axles, follow those guidelines.

7. Troubleshooting

If you encounter issues after installing the new deck wheel, refer to the following common problems and solutions.

- **Wheel Does Not Spin Freely:**
 - *Check for Debris:* Ensure no grass, dirt, or other foreign objects are lodged between the wheel and the bracket.
 - *Check Bolt Tightness:* The nut may be overtightened, causing the wheel to bind. Loosen slightly until the wheel spins freely but remains secure.
 - *Inspect for Damage:* Check the wheel and bracket for any physical damage that might impede rotation.
- **Excessive Wobble:**
 - *Check Bolt Tightness:* The nut may be too loose. Tighten it securely.
 - *Inspect for Wear:* The wheel's bore or the bolt may be worn, leading to play. Replace components if necessary.
- **Unusual Noise from Deck Wheel:**
 - *Clean and Inspect:* Remove the wheel and clean all components. Look for signs of wear or damage.
 - *Lubrication:* If applicable, ensure the axle is properly lubricated according to your mower's manual.

8. Specifications

Attribute	Detail
Brand	FOLIAGE
Model Number	100191_171
Compatible Gravely Models	ZT 2044 (915078), ZT 2048 (915025, 915038), ZT 2148 (915048)
Part Type	Deck Wheel Replacement

9. Warranty and Support

For information regarding warranty coverage or technical support for your FOLIAGE replacement deck wheel, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

For general inquiries or assistance with your Gravely lawn mower, please refer to your mower's official documentation or contact Gravely customer service.