

Toro 80443003

Toro TimeCutter SS Series (32") Replacement Mower Blade User Manual

Model: 80443003

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Toro TimeCutter SS Series (32") Replacement Mower Blade. This genuine OEM Toro part is designed to ensure optimal cutting performance and durability for your Toro TimeCutter mower.



Image: A single, dark-colored replacement mower blade for the Toro TimeCutter SS Series. The blade is long and flat with a central circular mounting hole and sharpened edges on both ends, designed for efficient grass cutting.

SAFETY INFORMATION

Always prioritize safety when working with mower blades. Failure to follow these safety instructions may result in serious injury or property damage.

- **Disconnect Spark Plug:** Before performing any maintenance or blade replacement, always disconnect the spark plug wire from the spark plug to prevent accidental engine starting.
- **Wear Protective Gear:** Always wear heavy-duty gloves and eye protection when handling mower blades. Blades are sharp and can cause severe cuts.
- **Secure the Mower:** Ensure the mower is on a flat, stable surface and properly supported before tilting or working underneath it.
- **Allow Engine to Cool:** Do not work on the mower immediately after operation. Allow the engine and muffler to cool down to prevent burns.
- **Use Correct Tools:** Use appropriate tools for blade removal and installation to prevent slippage and injury.

SETUP AND INSTALLATION

Follow these steps to safely replace your mower blade:

1. **Prepare the Mower:** Park the mower on a level surface. Turn off the engine and remove the ignition key. Disconnect the spark plug wire.
2. **Access the Blade:** Carefully tilt the mower onto its side, ensuring the carburetor and air filter are facing upwards to prevent fuel or oil leaks.
3. **Remove Old Blade:** Using a block of wood to prevent the blade from turning, loosen the blade bolt(s) with a wrench. Remove the old blade and any washers or spacers, noting their orientation.
4. **Inspect Components:** Inspect the blade mounting area for any damage or debris. Clean as necessary.
5. **Install New Blade:** Position the new Toro replacement blade (Model 80443003) onto the blade adapter, ensuring the cutting edge faces the correct direction (typically towards the deck). Reinstall any washers or spacers in their original orientation.
6. **Tighten Blade Bolt:** Hand-tighten the blade bolt(s), then use a torque wrench to tighten to the manufacturer's specified torque (refer to your mower's specific manual for torque specifications). Ensure the blade is securely fastened.
7. **Return Mower to Operating Position:** Carefully lower the mower back onto its wheels.
8. **Reconnect Spark Plug:** Reconnect the spark plug wire.

OPERATING CONSIDERATIONS

While the blade itself does not operate, its proper function is critical to your mower's performance. Consider the following:

- **Cutting Height:** Adjust your mower's cutting height according to grass type and desired lawn appearance. Avoid

cutting more than one-third of the grass blade length at a time.

- **Clear Debris:** Before mowing, clear the area of any rocks, sticks, or other debris that could damage the blade or be thrown by it.
- **Mow Dry Grass:** For best results and to prevent clogging, mow when the grass is dry.
- **Blade Balance:** A properly installed and balanced blade reduces vibration and ensures an even cut. If excessive vibration occurs after installation, recheck the blade's seating and bolt tightness.

MAINTENANCE

Regular maintenance of your mower blade ensures longevity and optimal cutting performance.

- **Blade Sharpening:** Sharpen the blade regularly, typically after every 20-25 hours of use, or at the start of each mowing season. A sharp blade provides a clean cut, which is healthier for your lawn.
- **Blade Balancing:** After sharpening, ensure the blade is balanced. An unbalanced blade can cause excessive vibration, leading to premature wear on mower components.
- **Cleaning:** After each use, clean grass clippings and debris from the underside of the mower deck and the blade. This prevents buildup that can affect cutting performance and lead to rust.
- **Inspection:** Periodically inspect the blade for bends, cracks, or excessive wear. Replace the blade if any significant damage is observed. A damaged blade can be dangerous and affect cutting quality.
- **Storage:** If storing the mower for an extended period, clean and lightly oil the blade to prevent rust.

TROUBLESHOOTING

If you encounter issues related to your mower blade, consider the following:

Problem	Possible Cause	Solution
Uneven Cut	Dull blade, bent blade, unbalanced blade, incorrect cutting height.	Sharpen or replace blade, balance blade, adjust cutting height.
Excessive Vibration	Unbalanced blade, bent blade, loose blade bolt.	Balance blade, replace bent blade, tighten blade bolt to specifications.
Poor Mulching/Discharge	Dull blade, wet grass, excessive grass height.	Sharpen blade, mow when grass is dry, cut less grass at a time.
Blade Not Spinning Freely	Debris under deck, seized blade adapter.	Clean under deck, inspect blade adapter for damage.

SPECIFICATIONS

- **Product Name:** Toro TimeCutter SS Series (32") Replacement Mower Blade

- **Model Number:** 80443003
- **Blade Length:** Approximately 31.35 inches (for 32-inch cutting decks)
- **Product Dimensions:** 19 x 4 x 4 inches (packaging/shipping dimensions)
- **Item Weight:** 2 pounds
- **Manufacturer:** The Toro Company
- **Part Number:** 80-4430-03
- **Compatibility:** Designed for Toro TimeCutter SS Series 32-inch models (e.g., 75710, 30092, 30316, 74385, 74620, 74781)

WARRANTY AND SUPPORT

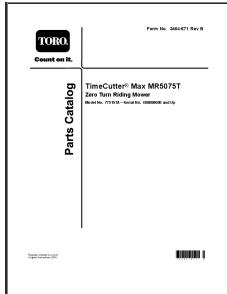
For warranty information and technical support regarding your genuine Toro replacement part, please refer to the documentation provided with your original Toro TimeCutter mower or visit the official Toro website. You may also contact Toro customer service directly for assistance.

Toro Official Website: www.toro.com

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Related Documents

	<p>Toro TimeCutter SS Lawn Mower Specifications and Features</p> <p>Detailed specifications and features for the Toro TimeCutter SS series of lawn mowers, including models SS3216, SS4216, SS4235, SS4260, SS5000, and SS5060. Covers engine, deck, tires, warranty, and additional features like Smart Speed and quality of cut.</p>
	<p>Toro TimeCutter SS 4225 Parts Catalog</p> <p>Official parts catalog for the Toro TimeCutter SS 4225 riding mower. Includes detailed diagrams and part numbers for all components.</p>
	<p>Toro TimeCutter SS Zero-Turn Mowers: Features and Specifications</p> <p>Discover the Toro TimeCutter SS zero-turn mowers, featuring Smart Speed™ control, automatic parking brake, and a 3-year limited warranty. Explore models SS3200, SS4200, SS4235, SS4260, SS5000, and SS5060 with detailed specifications and available accessories.</p>



[Toro TimeCutter Max MR5075T Zero Turn Riding Mower Parts Catalog](#)

Comprehensive parts catalog for the Toro TimeCutter Max MR5075T Zero Turn Riding Mower, featuring detailed diagrams and part numbers for all assemblies.