

Ariens 03624751, 03498400

Ariens Gravely Mower Blades User Manual

Models: Mini ZT 1540, Zoom 1740, 1840 (Part Numbers: 03624751, 03498400)

INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your Ariens Gravely OEM mower blades. These blades are designed for specific Ariens Gravely Mini ZT 1540, Zoom 1740, and 1840 zero-turn mowers. Please read this manual thoroughly before attempting any installation or maintenance procedures.

SAFETY INFORMATION

Always prioritize safety when working with mower blades. Failure to follow these safety guidelines can result in serious injury.

- **Disconnect Spark Plug:** Before performing any work on the mower deck or blades, always disconnect the spark plug wire(s) to prevent accidental engine starting.
- **Wear Protective Gear:** Always wear heavy-duty gloves, eye protection, and appropriate footwear 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 to prevent it from tipping or rolling during blade removal or installation.
- **Use Correct Tools:** Use only the recommended tools for blade removal and installation to ensure proper torque and prevent damage to fasteners.
- **Inspect Blades Regularly:** Frequently inspect blades for damage, cracks, or excessive wear. Replace damaged blades immediately.
- **Keep Bystanders Away:** Ensure no one is in the immediate vicinity when working on the mower.

INSTALLATION INSTRUCTIONS

These instructions detail the process for replacing worn or damaged mower blades. Refer to your mower's specific owner's manual for detailed deck removal procedures if necessary.

1. Prepare the Mower:

- Park the mower on a level, firm surface.

- Engage the parking brake.
- Turn off the engine and remove the ignition key.
- Disconnect the spark plug wire(s) to prevent accidental starting.
- If possible, raise the mower deck to its highest position or remove it completely for easier access to the blades.

2. Remove Old Blades:

- Carefully tilt the mower or lift the deck to expose the underside.
- Use a block of wood or a blade removal tool to secure the blade from turning.
- Using a wrench or socket, loosen and remove the blade bolt (typically counter-clockwise).
- Remove the old blade and any washers or spacers. Note their orientation for correct reinstallation.

3. Install New Blades:

- Ensure the cutting edge of the new blade is facing upwards towards the mower deck. The curved or "lift" portion of the blade should point towards the deck.
- Place the new blade onto the spindle, ensuring the central hole aligns correctly and any alignment pins or features are engaged.
- Reinstall any washers or spacers in their original order.
- Thread the blade bolt by hand to prevent cross-threading.
- Use a torque wrench to tighten the blade bolt to the manufacturer's specified torque (refer to your mower's owner's manual for exact specifications, typically between 70-90 ft-lbs). Secure the blade with a block of wood or blade tool while tightening.

4. Final Check:

- Ensure all blades are securely fastened and rotate freely without obstruction.
- Reconnect the spark plug wire(s).
- Lower the mower deck or return the mower to its operating position.



Figure 1: Ariens Gravely OEM Mower Blade. This image shows a single Ariens Gravely OEM mower blade, black in color, with a central circular mounting hole and sharpened edges at both ends. The blade measures 13.94 inches in length and 2.0 inches in width.

OPERATING GUIDELINES

Once new blades are installed, follow these general guidelines for optimal performance and safety:

- **Pre-Operation Check:** Before each use, inspect blades for any visible damage, looseness, or debris.
- **Clear Mowing Area:** Remove any rocks, sticks, wires, or other foreign objects from the mowing area that could be struck by the blades.
- **Adjust Cutting Height:** Set the mower deck to the appropriate cutting height for the grass type and conditions. Avoid cutting more than one-third of the grass blade length at a time.
- **Mow at Appropriate Speed:** Operate the mower at a speed that allows the blades to cut cleanly without tearing the grass.
- **Avoid Wet Grass:** Mowing wet grass can lead to clumping, poor cut quality, and increased strain on the mower and blades.

MAINTENANCE

Regular maintenance extends the life of your blades and ensures a clean cut.

- **Cleaning:** After each use, clean grass clippings and debris from the underside of the mower deck and blades. Built-up grass can reduce cutting efficiency and cause imbalance.
- **Sharpening:** Blades should be sharpened regularly, typically after every 20-25 hours of operation, or more frequently if you notice a ragged cut. Use a blade sharpener or file to maintain a sharp edge, ensuring the blade remains balanced. An unbalanced blade can cause excessive vibration and damage to the mower.
- **Inspection:** Periodically inspect blades for bends, cracks, or excessive wear. Replace blades that are severely damaged or worn down to prevent potential failure during operation.
- **Storage:** If storing the mower for an extended period, clean and lightly oil the blades to prevent rust.

TROUBLESHOOTING

This section addresses common issues related to mower blades.

Problem	Possible Cause	Solution
Ragged or uneven cut	Dull blades, bent blades, incorrect cutting height, excessive mowing speed.	Sharpen or replace blades. Inspect for bends. Adjust cutting height. Reduce mowing speed.
Excessive vibration	Unbalanced blades, bent blades, loose blade bolts, debris on blades/deck.	Balance or replace blades. Inspect for bends. Tighten blade bolts to specified torque. Clean deck and blades.
Mower stalls or struggles	Blades clogged with wet grass, cutting too much grass at once.	Clean blades and deck. Raise cutting height. Mow at a slower pace. Avoid mowing wet grass.

SPECIFICATIONS

These specifications apply to the Ariens Gravely OEM Mower Blades (Part Numbers 03624751, 03498400).

- **Part Numbers:** 03624751, 03498400
- **Length:** 13.94 inches (35.4 cm)
- **Width:** 2.0 inches (5.08 cm)
- **Compatibility:** Ariens Gravely Mini ZT 1540, Zoom 1740, 1840 zero-turn mowers.
- **Material:** High-strength steel
- **Quantity:** Sold as a 3-pack

WARRANTY AND SUPPORT

For specific warranty information regarding your Ariens Gravely mower blades, please refer to the documentation provided with your original mower purchase or contact Ariens customer support directly. Genuine OEM parts are designed to meet high-quality standards and ensure proper fit and performance.

For further assistance or to purchase additional genuine Ariens parts, please visit the official Ariens website or contact an authorized Ariens dealer.

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

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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