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› Grasscool 942-0741A 21-inch Mulching Mower Blade Instruction Manual

## Grasscool 942-0741A

# Grasscool 942-0741A 21-inch Mulching Mower Blade Instruction Manual

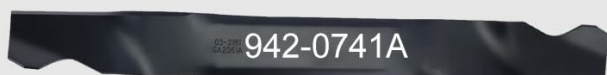
## INTRODUCTION

This manual provides essential information for the safe and effective use of your Grasscool 942-0741A 21-inch mulching mower blade. This blade is designed for mulching, bagging, and side discharging grass clippings, and is compatible with various Troy-Bilt walk-behind push mowers. Please read these instructions thoroughly before installation and operation.

# SELECTING THE CORRECT MOWER BLADE

## STEP 1 CONSULT THE PARTS LABEL

Consult the parts label under the hood of your lawn tractor or under the seat of your zero-turn mower. Alternatively, refer to your operator's manual.



## STEP 2 MEASURE THE BLADE LENGTH

Measure to make sure it matches the length of your old blade. Blade size is measured diagonally from the end of one cutting edge to another.



## STEP 3 IDENTIFY THE DECK SIZE

The deck size of your mower can help to identify the correct blades



## STEP 4 MATCH THE CENTER HOLE

Ensure the center hole pattern matches the pattern of the old blade

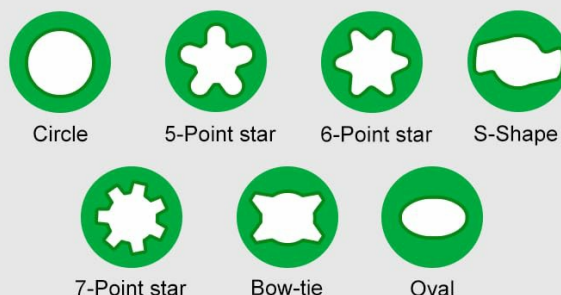


Image: The Grasscool 942-0741A 21-inch mulching mower blade.

## SAFETY INFORMATION

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

- Before performing any maintenance or blade replacement, ensure the mower engine is off and cool.
- Disconnect the spark plug wire to prevent accidental starting.
- Wear heavy-duty gloves to protect your hands from sharp blade edges.
- Wear appropriate eye protection (safety glasses or goggles).
- Refer to your lawn mower's original owner's manual for specific safety procedures and instructions related to your mower model.
- Ensure the mower is stable and cannot tip over during blade removal or installation.

## COMPATIBILITY AND FITMENT

The Grasscool 942-0741A mulching blade is a replacement for Troy Bilt and MTD part numbers 942-0741A, 942-0741, 742-0741, 742-0741A, 742-04100, 490-100-C089, 742-04276, 742-04276S, 942-04276, 942-04276S, CC-742-0741, and OEM-742-0741.

It is compatible with the following 21-inch deck walk-behind push mower models:

- Troy-Bilt TB110, TB240, TB230, TB130, TB200, TB160, TB210, TB280ES, TB320, TB115, TB220, TB360, TB105, TB120, TB125, TB130XP, TB140, TB160XP, TB270ES, TB270XP, TB290ES, TB330, TB360ES, TB370.

## Verifying Correct Fitment

To ensure proper fitment, compare your existing blade's specifications with the details below:

1. **Consult Parts Label:** Check the parts label under the hood or seat of your mower, or refer to your operator's manual for the correct part number.
2. **Measure Blade Length:** The blade length should be 20 7/8 inches (531.5mm). Measure diagonally from the end of one cutting edge to the other.
3. **Identify Deck Size:** This blade is designed for 21-inch mower decks.
4. **Match Center Hole:** The center hole pattern must match your old blade. This blade features a 'Bow Tie' shaped center hole.



Image: Guide for selecting the correct mower blade, detailing steps for checking part numbers, measuring length, identifying deck size, and matching center hole patterns.

# SELECTING THE CORRECT MOWER BLADE



Refer to operator's manual for blade part number



Deck size can help to identify the correct blades



Measure blade length to match your old blade.  
(Blade length is measured diagonally)



Circle



5-Point star



6-Point star



7-Point star



Bow-tie  
6-Point star



S-Shape

Ensure the center hole pattern matches your old blade.

Image: Visual confirmation of blade length, emphasizing the importance of accurate measurement.



Image: Comparison of blade mounting patterns, highlighting the required 'Bow Tie' shape for proper fitment.

## EXCEPTIONAL LAWN CARE BENEFITS WITH ADVANCED BLADE

- Superior straightness and consistency
- Gives a clean, manicured cut
- Minimized blade vibration
- Reduces grass tearing and ripping



Image: A visual representation of the blade alongside a compatible push mower.

SPECIFICATIONS

| Feature            | Specification           |
|--------------------|-------------------------|
| Length             | 20 7/8 inches (531.5mm) |
| Width              | 2-1/4 inches (57mm)     |
| Thickness          | 9/64 inches (3.4mm)     |
| Center Hole Shape  | Bow Tie                 |
| For Deck Size      | 21 inches               |
| Lift               | 1-1/8 inches (28mm)     |
| Mower Blade Type   | Mulching Blade (3-in-1) |
| Item Weight        | 1.8 pounds              |
| Package Dimensions | 21 x 2.5 x 0.87 inches  |



Fitment Alert

Carefully Measure Your Original Blade Length and Compare it With Our Listed Length.  
An Incorrect Length will not Fit Your Mower.  
Please Verify Length Before Ordering.

LENGTH: 20 7/8" (531.5MM)

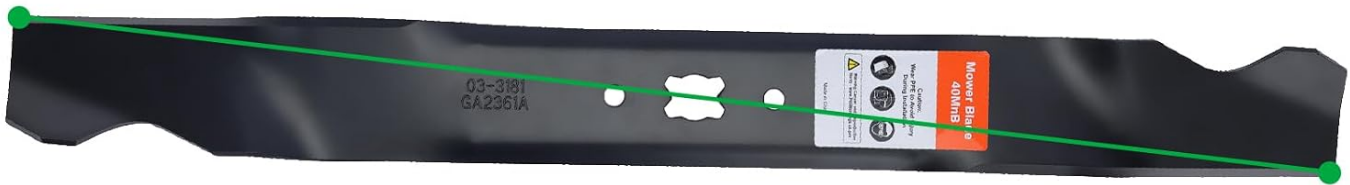


Image: Detailed view of the blade with key dimensions highlighted.



# Fitment Alert: Check Your Original Blades 'Mounting Pattern for Spindle Before Ordering a Replacement!

Craftsman 21" Deck Push Walk Behind Lawn Mower Uses Two Different Mounting Pattern



Our Blades fit:  
"Bow Tie" Mounting Pattern



Our Blades Does NOT fit:  
"Circle" Mounting Pattern

Image: Focus on the 'Bow Tie' center hole for mounting.

## SETUP: BLADE INSTALLATION

Follow these general steps for replacing your mower blade. Always consult your mower's specific instruction manual for detailed installation procedures.

1. **Prepare the Mower:** Ensure the mower is turned off, the engine is cool, and the spark plug wire is disconnected. Position the mower on a stable, flat surface, typically by tilting it onto its side with the carburetor facing up to prevent fuel leakage.
2. **Remove Old Blade:** Secure the old blade from rotating (e.g., by wedging a block of wood between the blade and the mower deck). Use a wrench to loosen and remove the blade bolt. Note the orientation of the old blade for correct installation of the new one.
3. **Inspect Components:** Check the blade adapter, washers, and bolt for wear or damage. Replace any worn parts. Clean any grass clippings or debris from the underside of the mower deck.

4. **Install New Blade:** Position the new Grasscool mulching blade onto the blade adapter, ensuring the cutting edges are facing the correct direction (usually towards the ground when the mower is upright). The 'Bow Tie' center hole should align perfectly with the spindle.
5. **Secure Blade:** Reinstall the washers and blade bolt. Tighten the blade bolt securely using a torque wrench to the manufacturer's specified torque setting (refer to your mower's manual). Ensure the blade is firmly attached and does not wobble.
6. **Final Checks:** Reconnect the spark plug wire. Before starting the mower, manually rotate the blade to ensure it spins freely and does not hit any part of the deck.

## Installation Video Reference

Your browser does not support the video tag.

Video: A demonstration of installing a Grasscool 21-inch MTD blade. This video provides a visual guide to the blade replacement process.

## OPERATING: BLADE FUNCTIONALITY

The Grasscool 942-0741A is a 3-in-1 mulching blade designed for versatile lawn care. It performs three functions simultaneously:

- **Mulching:** The blade's unique design with multiple curves cuts and re-cuts grass into fine pieces. These small clippings are then recycled back into the soil, providing natural nutrients for a healthier lawn.
- **Bagging:** The high-lift design of the blade creates strong airflow, which significantly increases the mower's bagging capacity, allowing for more efficient collection of grass clippings.
- **Side Discharging:** For situations where mulching or bagging is not desired, the blade effectively discharges clippings out the side of the mower.

The aggressive blade angle boosts airflow, which helps to push debris up and out, reducing the risk of clogging around the blade and improving overall mowing efficiency.

## MAINTENANCE

### Sharpening

Over time, the cutting edges of the blade will dull. For optimal cutting performance and a neat, even cut, the blade can be sharpened. Use appropriate sharpening tools and techniques, maintaining the original blade angle. Ensure the blade remains balanced after sharpening to prevent excessive mower vibration.

### Cleaning and Storage

The blade features a paint coating designed to prevent rust and protect your hands during installation. This paint will wear off during normal use. After each use, clean grass clippings and debris from the blade and the underside of the mower deck. Store the blade in a dry environment when not in use to minimize corrosion.

## TROUBLESHOOTING

## Poor Cut Quality

- **Dull Blade:** If grass appears torn or uneven, the blade may be dull. Sharpen or replace the blade.
- **Incorrect Blade Height:** Ensure your mower deck is set to the appropriate cutting height for the grass type and conditions.
- **Damaged Blade:** Inspect the blade for bends, nicks, or other damage. A damaged blade should be replaced immediately.

## Excessive Mower Vibration

- **Unbalanced Blade:** An unbalanced blade (due to uneven wear or sharpening) can cause vibration. Ensure the blade is balanced after sharpening.
- **Loose Blade Bolt:** Check that the blade bolt is tightened to the manufacturer's specified torque.
- **Damaged Blade Adapter:** Inspect the blade adapter for damage or wear.

## Clogging

- **Wet Grass:** Avoid mowing wet grass, as it is more prone to clogging.
- **Excessively Tall Grass:** Mow tall grass in multiple passes, raising the cutting height for the first pass.
- **Dirty Deck:** Clean the underside of the mower deck regularly to prevent buildup that can impede airflow.

## WARRANTY INFORMATION

This Grasscool product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For specific details regarding warranty duration, coverage, and claims procedures, please refer to the official Grasscool website or contact customer support directly. Keep your proof of purchase for warranty purposes.

## CUSTOMER SUPPORT

Should you require further assistance, have questions about installation, operation, or maintenance, or need to inquire about replacement parts, please contact Grasscool customer service. Our support team is available to help you with any product-related concerns.

Please visit the official Grasscool website for contact information and additional resources.

## ASK A QUESTION ABOUT THIS MANUAL

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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

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