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› [Secura](#) /

› [Secura Pulley \(Blade Bearing\) Ø142mm for MTD ANTHRACITE POWER 92 13KN71KE676 \(2020\) Lawn Tractor - Instruction Manual](#)

## Secura 7579965

# Secura Pulley (Blade Bearing) Ø142mm for MTD ANTHRACITE POWER 92 13KN71KE676 (2020) Lawn Tractor

Instruction Manual

## 1. INTRODUCTION

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This manual provides essential information for the installation and maintenance of the Secura Pulley (Blade Bearing) Ø142mm, designed for compatibility with the MTD ANTHRACITE POWER 92 13KN71KE676 (2020) Lawn Tractor. This component is a replacement part crucial for the proper functioning of your lawn tractor's cutting deck system.



Image 1: Secura Pulley (Blade Bearing) Ø142mm. This image displays the pulley from a slightly angled perspective, highlighting its diameter and central bore. The material appears to be metal, indicating durability for its intended use in a lawn tractor's cutting mechanism.

## 2. SAFETY INFORMATION

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Always prioritize safety when working with machinery. Read and understand all safety instructions provided in your lawn tractor's main manual before attempting any installation or maintenance. Failure to do so may result in injury or damage to equipment.

- Ensure the lawn tractor is turned off, the engine is cool, and the spark plug wire is disconnected before beginning any work.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Use only the correct tools for the job.
- Keep children and pets away from the work area.
- If you are unsure about any step, consult a qualified technician.

## 3. INSTALLATION INSTRUCTIONS

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Proper installation of the pulley is critical for the efficient operation of your lawn tractor's cutting deck. Follow these steps carefully:

1. **Preparation:** Ensure the lawn tractor is on a flat, stable surface. Disconnect the spark plug wire and engage the parking brake. If necessary, raise the front of the tractor using a jack and secure it with jack stands.
2. **Access the Cutting Deck:** Depending on your MTD ANTHRACITE POWER 92 model, you may need to remove the cutting deck from the tractor or access it from underneath. Refer to your tractor's specific manual for deck removal procedures.
3. **Identify the Pulley:** Locate the pulley(s) that need replacement. Note the belt routing path before removal. It is recommended to take a photograph for reference.
4. **Remove Old Pulley:** Loosen and remove any retaining bolts or nuts securing the old pulley. Carefully detach the belt from the pulley.
5. **Install New Pulley:** Place the new Secura pulley onto the spindle or shaft. Ensure the bore (ØStar) aligns correctly. Secure it with the

original retaining bolts or nuts. Tighten to the manufacturer's specified torque, if available in your tractor's manual.

- Belt Routing:** Re-route the drive belt according to your reference photograph or the diagram in your tractor's manual. Ensure the belt is properly seated in all pulley grooves.
- Check for Multiple Pulleys:** *Important Note:* Some lawn tractor systems utilize multiple pulleys. It is crucial to inspect all pulleys in the belt path. If other pulleys show signs of wear, it is highly recommended to replace them simultaneously to ensure uniform wear and prevent premature failure of the new pulley.
- Reassembly:** Reattach the cutting deck (if removed) and reconnect the spark plug wire.
- Test:** Before operating the tractor, manually rotate the blades to ensure the belt moves freely and without obstruction.

## 4. OPERATION AND FUNCTION

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This Secura pulley functions as a blade bearing pulley within the MTD ANTHRACITE POWER 92 lawn tractor's cutting deck. Its primary role is to guide and tension the drive belt, transferring power from the engine to the cutting blades. A properly functioning pulley ensures smooth blade rotation, efficient cutting, and extends the life of the drive belt and other components.

Once installed, the pulley operates continuously during the lawn tractor's cutting operations. No specific user interaction is required for the pulley itself beyond ensuring correct installation and regular maintenance checks.

## 5. MAINTENANCE

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Regular inspection and maintenance of your pulley system will prolong its lifespan and ensure optimal performance of your lawn tractor.

- Visual Inspection:** Periodically inspect the pulley for signs of wear, cracks, chips, or excessive rust. Check the pulley groove for debris or buildup that could affect belt performance.
- Belt Condition:** While inspecting the pulley, also check the condition of the drive belt. Look for fraying, cracks, or glazing. A worn belt can cause premature pulley wear.
- Bearing Check (if applicable):** Although this specific pulley does not include a ball bearing, if other pulleys in your system do, check them for smooth rotation and listen for any grinding or squealing noises, which indicate bearing failure.
- Cleaning:** Keep the pulley and surrounding area free of grass clippings, dirt, and other debris. This prevents buildup that can cause friction and wear.
- Replacement:** Replace the pulley immediately if any significant wear or damage is observed. Worn pulleys can lead to belt slippage, inefficient cutting, and potential damage to other components.

## 6. TROUBLESHOOTING

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If you experience issues with your lawn tractor's cutting deck after pulley installation, consider the following:

Symptom	Possible Cause	Solution
Blades not engaging or slipping	Incorrect belt routing; Worn or stretched belt; Pulley not securely fastened; Multiple pulleys worn unevenly.	Verify belt routing; Inspect and replace belt if necessary; Ensure pulley bolts are tightened; Inspect and replace all worn pulleys.
Unusual noise from cutting deck	Worn pulley; Debris caught in pulley or belt; Incorrectly installed pulley.	Inspect pulley for damage and replace if needed; Clean debris from deck area; Re-check pulley installation.
Uneven cut	Worn pulley affecting blade speed; Bent blade; Incorrect deck leveling.	Inspect pulleys for wear; Check blades for damage and sharpness; Refer to tractor manual for deck leveling instructions.

## 7. SPECIFICATIONS

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Technical details for the Secura Pulley (Blade Bearing) Ø142mm:

**Brand:** Secura

**Model Number:** 7579965

**ASIN:** B0FT2XD746

**Compatibility:** MTD ANTHRACITE POWER 92 13KN71KE676 (2020) Lawn Tractor

**Diameter (A):** Ø142mm

**Bore (B):** ØStar

**Height (C):** 25.4mm

**Ball Bearing:** Not included (without ball bearing)

**Double Pulley:** No

## 8. WARRANTY AND SUPPORT

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For specific warranty information regarding this Secura product, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or further assistance, please reach out to the Secura customer service department or your authorized dealer.

*Note:* This manual provides general guidance. Always consult your lawn tractor's original manufacturer manual for specific instructions related to your equipment model.

