

Secura AT 506/08 13A2054-439

SECURA Replacement Blade Instruction Manual

For Greencut AT 506/08 13A2054-439 Lawn Tractors

Brand: Secura | Model: AT 506/08 13A2054-439

1. INTRODUCTION AND PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use, installation, and maintenance of your SECURA replacement blade, compatible with Greencut AT 506/08 13A2054-439 lawn tractors. This high-quality tool steel blade is designed for durability, wear resistance, and precise cutting.

The blade features a High-Lift design, suitable for cutting or mulching grass depending on the mower's configuration. Maintaining a sharp blade is crucial for optimal mowing results. This product is a high-quality replica and not an original equipment manufacturer (OEM) part.



Image 1.1: Secura High-Lift Replacement Blade. This image shows the blade's overall shape, including the cutting edges and the central bore.

2. SAFETY INFORMATION

WARNING: Always prioritize safety when handling and installing mower blades. Blades are extremely sharp and can cause severe injury.

- Always wear heavy-duty gloves when handling the blade.
- Ensure the lawn tractor engine is off, the spark plug wire is disconnected, and the parking brake is engaged before performing any maintenance or installation.
- Allow the engine and blade to cool down completely before touching.
- Never work under a mower that is only supported by a jack. Use appropriate jack stands.
- Keep children and pets away from the work area.
- Dispose of old blades responsibly.

3. SETUP AND INSTALLATION

Proper installation is critical for safe operation and effective cutting. Ensure the replacement blade matches the dimensions and bore type of your original blade.

3.1 Pre-Installation Checks

- Verify that the new blade's total length (A: 600 mm) and central bore (B: 6-star) match your existing blade and mower spindle.
- Inspect the mower deck and spindle for any damage or wear.

3.2 Blade Replacement Procedure

1. **Prepare the Mower:** Park the lawn tractor on a flat, stable surface. Turn off the engine, remove the ignition key, disconnect the spark plug wire, and engage the parking brake.
2. **Access the Blade:** Carefully tilt the mower onto its side (carburetor side up to prevent fuel leakage) or lift it using a suitable jack and secure it with jack stands.
3. **Remove Old Blade:** Using a wrench or socket, loosen the blade bolt(s) holding the old blade in place. You may need a block of wood to prevent the blade from turning. Remove the bolt(s), washers, and the old blade. Note the orientation of the old blade for correct installation of the new one.
4. **Install New Blade:** Position the new SECURA blade onto the spindle, ensuring the cutting edges face the correct direction (usually towards the ground when the mower is upright). The 6-star central bore should align perfectly with the spindle.
5. **Secure the Blade:** Reinstall the blade bolt(s) and washers. Tighten the bolt(s) securely according to your mower's manufacturer specifications. Over-tightening or under-tightening can cause damage or unsafe operation.
6. **Final Check:** Lower the mower and reconnect the spark plug wire. Manually rotate the blade to ensure it spins freely and does not contact any part of the mower deck.

Note: In many lawn tractors, multiple blades are mounted. These may operate at different heights or be controlled by a timing belt to prevent contact. Always ensure all blades are correctly installed and balanced.

4. OPERATING GUIDELINES

This High-Lift blade is designed to create a strong airflow for efficient grass cutting and discharge, or for mulching when used with appropriate mulching kits.

- **Maintain Sharpness:** A sharp blade is essential for a clean cut, which promotes healthier grass and reduces strain on the mower engine. Dull blades tear grass, leading to brown tips and increased power consumption.
- **Avoid Obstacles:** Always inspect your mowing area for rocks, branches, and other debris before starting. Contact with hard objects can damage the blade and potentially the mower.
- **Impact Protection:** This blade is designed with a predetermined breaking point in the blade support (if available on your mower) to help prevent damage to the blade tower and other components in case of impact with a hard object.
- **Mowing Height:** Adjust your mower's cutting height according to grass type and desired lawn appearance.

5. MAINTENANCE

Regular maintenance extends the life of your blade and ensures consistent cutting performance.

5.1 Blade Sharpening

If the blade becomes dull, it should be sharpened. A properly sharpened blade has a clean, even edge. Use a file or grinding wheel, maintaining the original blade angle. Ensure the blade remains balanced after sharpening to prevent excessive vibration and damage to the mower.

5.2 Blade Inspection and Replacement

Inspect the blade regularly for signs of wear, cracks, bends, or excessive nicks. If the blade is severely damaged, bent, or cannot be balanced after sharpening, it must be replaced with a new one. Never attempt to straighten a bent blade.

6. TROUBLESHOOTING

- **Poor Cut Quality (Ragged Grass):**
 - **Cause:** Dull blade.
 - **Solution:** Sharpen or replace the blade.
- **Excessive Vibration:**
 - **Cause:** Unbalanced blade, bent blade, or loose blade bolt.
 - **Solution:** Check blade balance, replace bent blades, and ensure blade bolt is tightened to specifications.
- **Blade Damage After Impact:**
 - **Cause:** Contact with hard objects.
 - **Solution:** Inspect the blade and mower spindle for damage. Replace the blade if damaged. The blade support's predetermined breaking point is designed to protect other mower components.

7. SPECIFICATIONS

Product Specifications

Feature	Detail
Brand	Secura
Compatible Model	Greencut AT 506/08 13A2054-439 Lawn Tractor
Blade Type	High-Lift (for cutting and mulching)
Material	High-quality tool steel
Total Length (A)	600 mm
Central Bore (B)	6-star
Manufacturer Reference	6390172
ASIN	B07RJW26ZW
First Available Date	August 15, 2019

8. WARRANTY AND SUPPORT

Specific warranty information for this Secura replacement blade is not provided in the product details. For warranty claims, technical support, or further inquiries, please contact the retailer or the Secura manufacturer directly. Always refer to your lawn tractor's original owner's manual for specific instructions regarding blade replacement and maintenance for your particular model.