

## Husqvarna 586638501

# Husqvarna Genuine Revolution Blade Cap Assembly Instruction Manual

Model: 586638501

## 1. INTRODUCTION

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This manual provides instructions for the Husqvarna Genuine Revolution Blade Cap Assembly, part number 586638501. This component is an original equipment manufacturer (OEM) part designed for specific Husqvarna lawn tractor models. It plays a crucial role in the mower deck's blade system, helping to secure the blades and ensure proper operation.

This blade cap assembly replaces part numbers 584306701 and 584306601.

Compatible Husqvarna lawn tractor models include, but are not limited to:

- CTH224 T, CTH224TFI
- GT54 LS, GT54CS
- TC 238, TC 338, TC 342
- TS 242, TS 246, TS 343, TS 346
- YT42CS, YT46 LS, YT48CS, YT54 LS, YTH224 T

Always verify the correct part number for your specific lawn tractor model using your owner's manual or appropriate parts diagram.

## 2. SETUP AND INSTALLATION

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This section outlines the general procedure for installing the blade cap assembly. Always refer to your lawn tractor's specific service manual for detailed instructions regarding deck removal and blade access.

### Safety Precautions:

- Ensure the engine is off and the spark plug wire is disconnected to prevent accidental starting.
- Wear heavy-duty gloves to protect your hands from sharp blades.
- Work on a flat, stable surface.

### Installation Steps:

1. **Access the Mower Deck:** Depending on your tractor model, you may need to remove or lower the mower deck to gain access to the blade spindles. Consult your tractor's owner's manual for specific instructions.

2. **Remove Old Cap (if applicable):** If replacing an existing cap, carefully unclip or detach the old blade cap assembly. Inspect the area for any debris or damage.
3. **Position the New Cap:** Align the new Husqvarna Revolution Blade Cap Assembly (Part # 586638501) over the blade spindle area. Ensure it sits correctly and is oriented as per your tractor's design.
4. **Secure the Cap:** Press the cap firmly into place until the locking clips engage. It may require significant pressure to fully secure the clips. Ensure all clips are fully seated and locked to prevent the cap from dislodging during operation.
5. **Verify Security:** Gently tug on the installed cap to confirm it is securely attached and does not wobble.
6. **Reassemble Deck:** Reattach or raise the mower deck if it was removed or lowered.
7. **Reconnect Spark Plug:** Reconnect the spark plug wire before starting the engine.



Figure 1: Top view of the Husqvarna Genuine Revolution Blade Cap Assembly.



Figure 2: Side view illustrating the locking clips of the blade cap assembly.

### 3. OPERATING CONSIDERATIONS

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The blade cap assembly is an integral part of your lawn tractor's cutting deck. While it does not have operational controls itself, its proper function is critical for safe and effective mowing.

- Before each use, visually inspect the blade cap assembly to ensure it is securely attached and shows no signs of damage or excessive wear.
- A properly installed blade cap helps protect the blade spindle and contributes to the balanced operation of the cutting system.
- Never operate the lawn tractor if the blade cap assembly is loose, damaged, or missing.

### 4. MAINTENANCE

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Regular inspection and maintenance of the blade cap assembly will extend its lifespan and ensure safe operation.

- **Visual Inspection:** Periodically check the blade cap for cracks, chips, or signs of impact damage. Pay close attention to the locking clips, as these can wear or become brittle over time.
- **Cleaning:** After each use, clean any grass clippings, dirt, or debris from around the blade cap and spindle area. This prevents buildup that could interfere with its secure fit or cause premature wear.
- **Replacement:** Replace the blade cap assembly if it shows significant wear, damage, or if the locking mechanism no longer holds securely. While designed for durability, these parts are subject to wear and tear from mowing conditions.



Figure 3: Bottom view revealing the internal structure of the blade cap assembly.

## 5. TROUBLESHOOTING

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If you encounter issues with your blade cap assembly, consider the following:

- **Cap Does Not Close Securely:**
  - Check for debris or obstructions preventing the clips from fully engaging.
  - Ensure the cap is correctly aligned with the spindle housing.
  - Inspect the locking clips for damage or bending. If damaged, replacement is necessary.
- **Cap Comes Off During Operation:**
  - This indicates the cap was not securely installed or the locking clips are worn/damaged. Reinstall the cap, ensuring a firm click, or replace the cap if clips are compromised.
- **Excessive Wear or Damage:**
  - If the cap shows significant physical damage (cracks, missing pieces), it should be replaced immediately to maintain safety and proper function.

## 6. SPECIFICATIONS

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<b>Part Number</b>	586638501
<b>Replaces Part Numbers</b>	584306701, 584306601
<b>Manufacturer</b>	Husqvarna
<b>Product Dimensions</b>	16 x 10 x 1 inches (approximate package dimensions)
<b>Item Weight</b>	2.08 ounces

## 7. WARRANTY AND SUPPORT

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For warranty information regarding your Husqvarna Genuine Revolution Blade Cap Assembly, please refer to the documentation provided with your original lawn tractor or contact Husqvarna customer service directly. Warranty terms typically cover manufacturing defects.

If you require further assistance with installation, troubleshooting, or identifying compatible parts, please contact Husqvarna customer support or an authorized Husqvarna service dealer. Always provide your lawn tractor's model and serial number when seeking support.