

## Husqvarna 574870901

# Husqvarna Genuine 574870901 Hydro Belt Instruction Manual

For Husqvarna MZ52, MZ61, MZ5424S, MZ6128, MZT52, MZT61, and other compatible models.

## INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and troubleshooting of your Husqvarna Genuine 574870901 Hydro Belt. This belt is a critical component for the hydrostatic drive system in compatible Husqvarna lawn mowers and other brands manufactured by Husqvarna.

Using genuine Husqvarna parts ensures optimal performance and longevity of your equipment. Please read these instructions carefully before proceeding with any installation or maintenance.

## SAFETY INFORMATION

Always prioritize safety when working with machinery. Failure to follow safety instructions can result in serious injury or damage to equipment.

- **Disconnect Power:** Before beginning any work, ensure the engine is off, the spark plug wire is disconnected, and the battery is disconnected (if applicable) to prevent accidental starting.
- **Wear Protective Gear:** Use appropriate personal protective equipment (PPE), including gloves and eye protection.
- **Secure Equipment:** Ensure the lawn mower is on a stable, level surface and properly supported to prevent movement during maintenance.
- **Consult Equipment Manual:** Refer to your specific lawn mower's owner's manual for detailed instructions on accessing and replacing drive belts, as procedures may vary by model.
- **Hot Surfaces:** Allow the engine and exhaust system to cool down before working near them to avoid burns.

## INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing the hydrostatic drive belt. Specific procedures may vary depending on your mower model. Always consult your mower's owner's manual for precise instructions and diagrams.

### Tools Required:

- Wrenches or sockets (various sizes)

- Pry bar or similar tool (for tensioning pulleys)
- Gloves
- Safety glasses

## Step-by-Step Replacement:

### 1. Prepare the Mower:

Park the mower on a flat, stable surface. Engage the parking brake. Turn off the engine and remove the ignition key. Disconnect the spark plug wire to prevent accidental starting. Allow the engine and exhaust to cool.

### 2. Access the Drive System:

Depending on your model, you may need to remove the mower deck, footrest, or other covers to gain access to the hydrostatic drive belt. Refer to your mower's manual for specific access procedures.

### 3. Relieve Belt Tension:

Locate the tensioning pulley(s) for the hydrostatic belt. Use a wrench or pry bar to release the tension on the old belt. This usually involves moving an idler pulley to slacken the belt.

### 4. Remove Old Belt:

Carefully remove the old belt from all pulleys. Note the routing of the belt around all engine, transmission, and idler pulleys. Taking a photo before removal can be helpful.



Image: The Husqvarna Genuine 574870901 Hydro Belt, a black synchronous belt with teeth on the inner surface, coiled for packaging.

#### 5. **Install New Belt:**

Route the new Husqvarna Genuine 574870901 Hydro Belt around the pulleys exactly as the old belt was routed. Ensure the belt is seated correctly in all pulley grooves. Double-check the routing against your mower's manual or your reference photo.



Image: A close-up view of the Husqvarna Hydro Belt, showing its ribbed design and flexible rubber material, coiled in a circular shape.

#### 6. Tension the Belt:

Reapply tension to the belt by releasing the tensioning pulley. Ensure the belt is taut but not overly tight, allowing for proper operation without excessive strain on components.

#### 7. Reassemble and Test:

Reinstall any covers or components that were removed. Reconnect the spark plug wire and battery. Start the mower and test the hydrostatic drive system at a slow speed in a safe, open area to ensure proper engagement and operation.

## OPERATION CONSIDERATIONS

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Once the Husqvarna Genuine 574870901 Hydro Belt is correctly installed, its operation is integrated with your mower's hydrostatic drive system. Proper operation of the belt relies on the overall health of your mower's drive components.

- **Smooth Engagement:** The hydrostatic drive should engage smoothly without jerking or slipping.
- **Consistent Speed:** The mower's ground speed should be consistent with the control lever position.
- **Listen for Unusual Noises:** Pay attention to any squealing, grinding, or unusual noises, which could indicate belt slippage or other issues.

## MAINTENANCE AND INSPECTION

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Regular inspection of your hydrostatic belt is crucial for maintaining optimal performance and preventing unexpected breakdowns.

### Inspection Schedule:

- **Before Each Use:** Briefly check for obvious damage or debris.
- **Every 25 Hours of Operation or Annually:** Conduct a thorough visual inspection.

### What to Look For:

- **Cracks or Fraying:** Inspect the entire length of the belt for any signs of cracking, fraying, or splitting.
- **Glazing or Shininess:** A glazed or shiny appearance on the belt surface can indicate slippage and wear.
- **Missing Chunks or Teeth:** For synchronous belts, check for any missing or damaged teeth.
- **Proper Tension:** Ensure the belt has appropriate tension. It should be taut but allow for slight deflection when pressed.

- **Debris:** Remove any grass clippings, dirt, or other debris that may have accumulated around the belt and pulleys.

If any significant wear or damage is observed, replace the belt immediately to prevent further damage to your equipment or operational failure.

## TROUBLESHOOTING COMMON ISSUES

This section addresses common problems related to the hydrostatic drive belt. Always ensure safety precautions are followed before troubleshooting.

Symptom	Possible Cause	Solution
Mower not moving or moving slowly	<ul style="list-style-type: none"><li>• Worn or stretched belt</li><li>• Belt slipped off pulleys</li><li>• Insufficient belt tension</li><li>• Damaged pulleys</li></ul>	<ul style="list-style-type: none"><li>• Inspect and replace belt if worn.</li><li>• Re-route belt correctly.</li><li>• Adjust tensioning pulley.</li><li>• Inspect pulleys for damage and replace if necessary.</li></ul>
Squealing noise from drive system	<ul style="list-style-type: none"><li>• Belt slippage</li><li>• Belt glazed or worn</li><li>• Misaligned pulleys</li></ul>	<ul style="list-style-type: none"><li>• Check and adjust belt tension.</li><li>• Inspect and replace belt if glazed or worn.</li><li>• Verify pulley alignment.</li></ul>
Belt frequently coming off pulleys	<ul style="list-style-type: none"><li>• Incorrect belt routing</li><li>• Worn or stretched belt</li><li>• Damaged or bent pulleys</li><li>• Improper belt guides</li></ul>	<ul style="list-style-type: none"><li>• Verify belt routing.</li><li>• Replace belt.</li><li>• Inspect and replace damaged pulleys.</li><li>• Check and adjust belt guides.</li></ul>

If problems persist after troubleshooting, it is recommended to consult a qualified service technician or your Husqvarna dealer.

## PRODUCT SPECIFICATIONS

**Part Number:** 574870901

**Brand:** Husqvarna Genuine Part

**Type:** Hydro Belt (Synchronous Belt)

**Material:** Rubber

**Dimensions (Approximate):** 37.46 inches (Length) x 1.27 inches (Width)

**Weight (Approximate):** 3.68 ounces

**Compatible Models:** Husqvarna FD52M, FD61M, MZ52, MZ5424, MZ61, MZ6128, MZ28ZTBF, MZT52, MZT61. Also compatible with other brands produced by Husqvarna (e.g., Sears Craftsman, AYP, Poulan, Poulan Pro, Roper, Weed Eater) that require part #574870901.

## WARRANTY INFORMATION

As a genuine Husqvarna part, this product is typically covered by Husqvarna's standard warranty for replacement parts. Warranty terms and conditions may vary by region and purchase date. Please retain your proof of purchase. For detailed warranty information, please refer to the warranty documentation provided with your original equipment or contact an authorized Husqvarna service center.

## CUSTOMER SUPPORT

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If you require further assistance with the installation, maintenance, or troubleshooting of your Husqvarna Genuine 574870901 Hydro Belt, please contact Husqvarna customer support or visit your nearest authorized Husqvarna dealer. You can often find contact information and dealer locators on the official Husqvarna website:[www.husqvarna.com](http://www.husqvarna.com)

