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› Sterwins PHT1-60.2 Hedge Trimmer Starter Assembly Instruction Manual

## Sterwins PHT1-60.2

# Sterwins PHT1-60.2 Hedge Trimmer Starter Assembly Instruction Manual

Model: PHT1-60.2

## INTRODUCTION

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This manual provides essential instructions for the installation, operation, and maintenance of your Sterwins PHT1-60.2 Hedge Trimmer Starter Assembly. Please read this manual thoroughly before installation and use to ensure proper function and safety. This starter assembly is designed as a replacement part for the Sterwins PHT1-60.2 hedge trimmer.

## PRODUCT OVERVIEW

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The Sterwins PHT1-60.2 Starter Assembly is a replacement component for the Sterwins PHT1-60.2 hedge trimmer. It is responsible for initiating the engine's operation. The assembly includes the starter mechanism and pull handle. Please note that mounting screws are not included with this replacement part. The color of the starter assembly may vary.



**Figure 1:** Front view of the Sterwins PHT1-60.2 Starter Assembly, showing the red and black housing and the 'STERWINS' logo on the pull handle.



**Figure 2:** Rear view of the starter assembly, illustrating the internal winding mechanism and the four mounting holes.

## INSTALLATION

**Before You Begin:** Ensure the hedge trimmer's engine is off and cool. Disconnect the spark plug wire to prevent accidental starting. Wear appropriate safety gear, including gloves.

- 1. Remove Old Starter:** Locate the existing starter assembly on your Sterwins PHT1-60.2 hedge trimmer. It is typically secured by several screws. Carefully remove these screws and detach the old starter assembly. Note the orientation for correct installation of the new part.
- 2. Inspect Mounting Area:** Clean any debris or dirt from the mounting surface on the hedge trimmer's engine.
- 3. Position New Starter:** Align the new Sterwins PHT1-60.2 Starter Assembly with the mounting holes on the hedge trimmer. Ensure the pull rope is correctly positioned and not obstructed.
- 4. Secure Starter:** Using the original screws (not supplied with this replacement part), firmly attach the new starter assembly to the hedge trimmer. Do not overtighten the screws, as this can damage the housing.

5. **Test Functionality:** Gently pull the starter rope a few times to ensure it retracts smoothly and engages the engine flywheel correctly. Do not attempt to start the engine yet.



**Figure 3:** Bottom view of the starter assembly, highlighting the four screw mounting points for attachment to the hedge trimmer.



**Figure 4:** Side profile of the starter assembly, illustrating its compact design.

## OPERATION: STARTING THE ENGINE

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Once the new starter assembly is securely installed, you can proceed with starting your hedge trimmer. Always refer to your hedge trimmer's main instruction manual for specific starting procedures, fuel requirements, and safety guidelines.

1. **Reconnect Spark Plug:** Reconnect the spark plug wire to the spark plug.
2. **Fuel and Choke:** Ensure the hedge trimmer has sufficient fuel. Set the choke and throttle according to your hedge trimmer's manufacturer instructions for cold or warm starts.
3. **Pull Starter Rope:** Grip the starter handle firmly. Pull the rope slowly until you feel resistance, then pull it quickly and smoothly with a full arm stroke. Do not pull the rope to its full extension or let it snap back. Guide the rope back into the housing.
4. **Repeat if Necessary:** Repeat the pulling motion until the engine starts. Adjust the choke as the engine warms up, following your hedge trimmer's manual.

## MAINTENANCE

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Proper maintenance ensures the longevity and reliable operation of your starter assembly.

- **Keep Clean:** Regularly clean the exterior of the starter assembly to prevent dirt and debris from entering the mechanism. Use a dry cloth or soft brush.
- **Inspect Rope:** Periodically inspect the starter rope for signs of fraying or wear. Replace the rope if it shows damage to prevent breakage during use.
- **Check Mounting Screws:** Ensure the mounting screws remain tight. Loose screws can lead to vibration and damage.
- **Storage:** When not in use, store the hedge trimmer in a clean, dry place to protect the starter assembly from moisture and extreme temperatures.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Starter rope does not retract fully.	Spring mechanism is worn or damaged; debris inside housing.	Inspect for debris and clean. If the spring is damaged, the entire starter assembly may need replacement.
Starter rope pulls out but does not engage engine.	Engagement pawls are stuck or broken; flywheel not accessible.	Check for obstructions. If pawls are damaged, replace the starter assembly.
Starter rope is frayed or broken.	Normal wear and tear; improper pulling technique.	Replace the starter rope. If the entire assembly is old, consider replacing the unit.

If you encounter issues not listed here or if solutions do not resolve the problem, consult a qualified service technician or refer to your hedge trimmer's main service manual.

## SPECIFICATIONS

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- **Model:** Sterwins PHT1-60.2 Starter Assembly
- **Outer Diameter:** 96 mm
- **Height:** 35 mm
- **Mounting Hole Spacing (Center-to-Center):** 50 mm
- **Pulley Diameter:** 54 mm
- **Pinion Diameter:** 30 mm
- **Weight:** Approximately 160 grams
- **Components Included:** Starter Assembly (screws not included)



**Figure 5:** Top view of the red starter assembly with a black pull handle.



**Figure 6:** Side view of the red starter assembly, showing the black pull handle and the housing profile.

## SAFETY INFORMATION

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Always prioritize safety when working with power tools and replacement parts.

- **Read Manuals:** Always read and understand the complete instruction manual for your Sterwins PHT1-60.2 hedge trimmer before performing any maintenance or part replacement.
- **Disconnect Power:** Before installing or servicing the starter assembly, ensure the hedge trimmer's engine is off, cool, and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Safety Gear:** Use appropriate personal protective equipment (PPE), including safety glasses and gloves, during installation and operation.
- **Use Correct Parts:** Only use genuine or approved replacement parts for your equipment.
- **Professional Assistance:** If you are unsure about any installation or repair procedure, seek assistance from a qualified service technician.

## WARRANTY AND SUPPORT

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Information regarding specific warranty terms for this replacement part may be available from your point of purchase. For technical support or further inquiries, please contact the retailer or the manufacturer of your Sterwins PHT1-60.2 hedge trimmer.