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## Greenworks STF305

# Greenworks 40V 13" Cordless String Trimmer & Edger Instruction Manual

Model: STF305

## 1. IMPORTANT SAFETY INFORMATION

Always wear safety glasses, long pants, and closed-toe shoes when operating the string trimmer. Maintain a safe distance from others and avoid contact with power lines during use. Read and understand all safety warnings and instructions before operating the tool.

## 2. PRODUCT OVERVIEW

The Greenworks 40V 13" Cordless String Trimmer & Edger is designed for efficient lawn and garden maintenance. This lightweight 2-in-1 tool offers cordless convenience and is ideal for trimming grass and weeds around yards, patios, walkways, garden edges, and tight spaces.

- **Variable Speed Trigger:** Provides speeds up to 8000 RPM for controlled cutting.
- **2-in-1 Design:** Easily switches between trimming and edging tasks.
- **13-Inch Cutting Path:** Covers more ground efficiently.
- **Automatic Line Feed:** Maintains optimal line length without manual adjustment.
- **90-Degree Rotating Trimmer Head:** Improves balance and control for various tasks.
- **Adjustable Handle:** Ergonomic design for comfortable handling and reduced fatigue.
- **Lightweight & Balanced:** Easy to maneuver for DIY users.
- **Quiet Cordless Operation:** Lower noise and zero emissions compared to gas trimmers.
- **Compact Storage:** Slim profile for easy storage.

greenworks 80V

## 13" String Trimmer



Figure 1: Greenworks 40V 13" Cordless String Trimmer and Edger.



## 13" CUTTING PATH

Figure 2: The 13-inch cutting path allows for efficient coverage during trimming.



## 4-POSITION PIVOTING HEAD

Figure 3: The 4-position pivoting head provides flexibility for various trimming angles.



## ROTATE-TO-EDGE HEAD

Figure 4: The rotate-to-edge head allows for precise edging along sidewalks and driveways.



## AUTO FEED HEAD

AUTOMATIC DUAL LINE MANAGEMENT  
SYSTEM TO ENSURE YOU STAY CUTTING

Figure 5: The automatic feed head ensures continuous cutting without manual line adjustments.



Figure 6: The 40V lithium-ion battery features an on-board life indicator and provides consistent power.

### 3. SETUP

### 3.1 Assembly

1. **Attach the Guard:** Securely fasten the debris guard to the trimmer head using the provided hardware. Ensure it is firmly in place to protect against flying debris.
2. **Install the Auxiliary Handle:** Slide the auxiliary handle onto the shaft and adjust it to a comfortable working position. Tighten the clamp to secure the handle.
3. **Adjust Shaft Length:** If your model features a telescoping shaft, adjust it to a length that allows for comfortable operation without excessive bending or stretching.

### 3.2 Battery Installation

1. Ensure the battery is fully charged before first use. (Battery and charger sold separately).
2. Align the battery with the battery port on the trimmer.
3. Slide the battery into the port until it clicks securely into place. Ensure it is fully seated to prevent accidental dislodgement during operation.

### 3.3 Line Installation/Replacement

This trimmer features an automatic line feed system. When new line is required, refer to the detailed instructions in the product manual for your specific model. Generally, line replacement involves:

1. Remove the spool cap and old line.
2. Insert the new trimmer line through the designated holes in the spool.
3. Wind the line evenly onto the spool, ensuring it is taut.
4. Feed the ends of the line through the eyelets in the trimmer head and replace the spool cap.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Starting and Stopping

1. **To Start:** Press the safety lock-out button, then squeeze the variable speed trigger. The trimmer will start.
2. **To Stop:** Release the variable speed trigger. The trimmer will stop.

### 4.2 Trimming Technique

Hold the trimmer firmly with both hands. Keep the trimmer head parallel to the ground. Use a sweeping motion, moving from side to side, to cut grass. Maintain a consistent speed for an even cut. The automatic line feed will advance the line as needed.

### 4.3 Edging Technique

To switch to edging mode, rotate the trimmer head 90 degrees. Use the guide wheel (if present) to maintain a consistent depth and straight line along sidewalks, driveways, and garden borders. Walk slowly and steadily for precise edges.



## EASY TO MANUEVER

Figure 7: The trimmer is designed for easy maneuverability during operation.

## 5. MAINTENANCE

### 5.1 Cleaning

After each use, ensure the trimmer is disconnected from the battery. Clean the trimmer head, guard, and air vents with a soft brush or cloth to remove grass clippings and debris. Do not use water or solvents on electrical components.

### 5.2 Line Maintenance

Regularly inspect the trimmer line for wear and tear. Replace the line spool when empty or if the line is damaged. Use only the recommended diameter and type of trimmer line for optimal performance.

### 5.3 Battery Care

Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. Do not store the battery in a discharged state for extended periods. Follow the charging instructions provided with your Greenworks 40V charger.

## 6. TROUBLESHOOTING

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- **Trimmer does not start:** Ensure the battery is fully charged and properly inserted. Check the safety lock-out button and trigger.
- **Line does not feed automatically:** Check if the line is tangled or too short. Replace the spool if necessary. Ensure the line is correctly installed.
- **Reduced cutting performance:** The trimmer line may be worn or the battery charge may be low. Replace the line or recharge the battery.
- **Excessive vibration:** Check for damaged or improperly installed trimmer line. Ensure all components are securely fastened.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	Greenworks
Model Number	STF305
Power Source	Battery Powered (40V)
Cutting Width	13 Inches
Item Weight	2.54 Kilograms
Speed	6000 RPM
Assembly Required	No
Product Dimensions	381 x 73.66 x 88.9 cm

## 8. WARRANTY & SUPPORT

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The Greenworks 40V 13" Cordless String Trimmer (Model STF305) comes with a **3-year tool warranty** to protect your investment. For warranty claims, technical support, or replacement parts, please contact Greenworks customer service through their official website or the retailer where the product was purchased.



Figure 8: Greenworks offers a 3-year tool warranty for this product.