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› Greenworks 40V 14 inch (Attachment Capable) String Trimmer, 6.0Ah Battery and Charger Included ST-140-A User Manual

Greenworks ST-140-A

Greenworks 40V 14-inch String Trimmer User Manual

Model: ST-140-A

IMPORTANT SAFETY INFORMATION

Always prioritize safety when operating power tools. Read and understand all safety warnings and instructions before use.

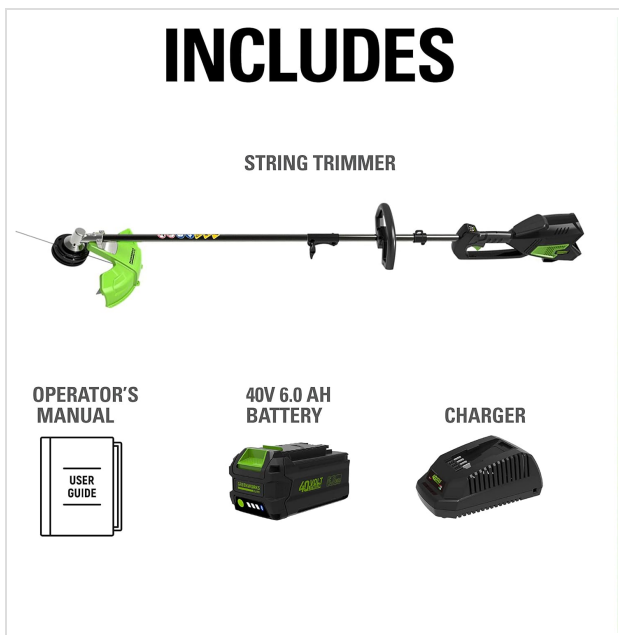
- Always wear eye protection when using this product.
- Be cautious when using attachments and follow the manufacturer's guidelines for safe operation.
- Keep hands and body away from the cutting path.
- Always use the variable speed trigger with care to prevent accidents.
- Ensure the battery is fully charged and properly seated before operation.
- Do not operate the trimmer in wet conditions or near electrical hazards.
- Store the trimmer and battery in a dry, secure location away from children.

PRODUCT OVERVIEW

The Greenworks 40V 14-inch String Trimmer is a battery-powered outdoor tool designed for efficient lawn and garden maintenance. It features a brushless motor for enhanced performance and durability, and is attachment-capable for versatile use.



The Greenworks 40V 14-inch String Trimmer, including the 6.0Ah battery and charger.



Components included in the package: the string trimmer, operator's manual, 40V 6.0 Ah battery, and charger.

Key Features:

- **Brushless Motor:** Provides increased torque, quieter operation, and extended motor life compared to brushed motors.
- **14-inch Cutting Swath:** Offers efficient trimming coverage.
- **Dual Line .080":** Utilizes durable dual line for effective cutting.
- **Bump Feed Head:** Allows for quick and easy line advancement during operation.
- **Attachment Capable:** Compatible with most gas attachments and Greenworks branded attachments (e.g., Eda75, Cua91, Hta22, HBA45, Aba51, PSA81).

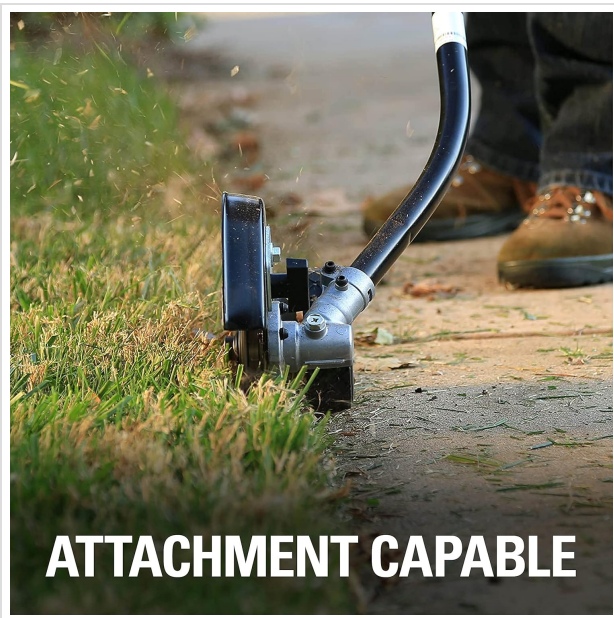
- **Cushioned Overmold Grip:** Enhances user comfort during extended use.
- **Variable Speed Trigger:** Provides precise control over cutting speed.
- **USB Port in Battery:** The 6.0Ah battery includes a USB port for charging portable electronic devices.



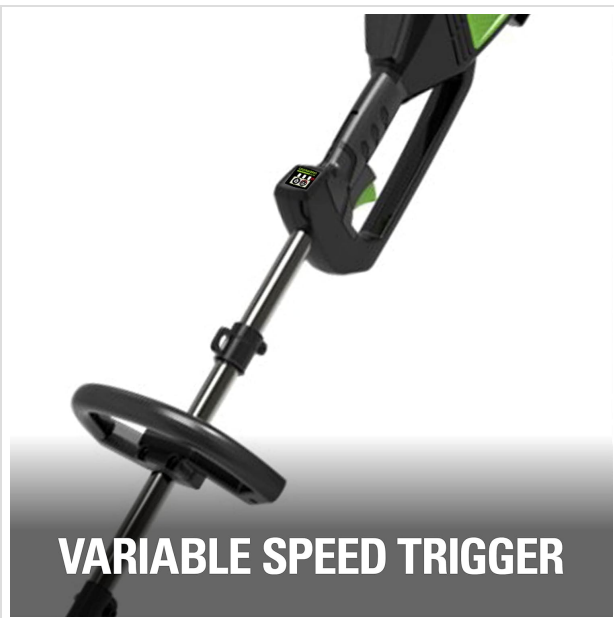
Detailed diagram illustrating the key features of the string trimmer.



Illustration of the brushless motor, which provides increased torque and longer life.



The trimmer's design allows for various attachments, expanding its utility.



The variable speed trigger provides precise control over the cutting speed.

SETUP AND ASSEMBLY

Follow these steps to assemble your Greenworks 40V String Trimmer before initial use.

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all items listed in the "Product Overview" section are present.
2. **Attach Guard:** Secure the cutting guard to the trimmer head using the provided hardware. Ensure it is firmly attached to prevent debris from being thrown towards the operator.
3. **Install Auxiliary Handle:** Slide the auxiliary handle onto the shaft and adjust it to a comfortable operating position. Tighten the locking mechanism to secure the handle.
4. **Charge Battery:** Before first use, fully charge the 40V 6.0Ah Lithium-Ion battery using the included charger. Refer to the charger's instructions for proper charging procedures. The battery features a USB port for charging other devices.

5. **Insert Battery:** Once charged, slide the battery into the battery compartment on the trimmer until it clicks securely into place.
6. **Inspect Line:** Ensure the trimmer line is properly spooled and extends from the bump feed head. If not, refer to the "Maintenance" section for line replacement instructions.

OPERATING INSTRUCTIONS

Proper operation ensures efficient trimming and user safety.

1. Pre-Operation Check:

- Ensure the battery is fully charged and securely installed.
- Check that the cutting line is sufficient and properly extended.
- Verify all fasteners are tight and the guard is in place.
- Clear the work area of any obstacles, debris, or people/pets.
- Wear appropriate personal protective equipment (PPE), including eye protection, long pants, and sturdy footwear.

2. Starting the Trimmer:

- Hold the trimmer firmly with both hands.
- Press the safety lock-out button (if applicable) and then squeeze the variable speed trigger to start the motor.
- The motor will start immediately. Release the safety lock-out button once the trigger is engaged.

3. Trimming Technique:

- Maintain a comfortable and balanced stance.
- Use a sweeping motion, moving the trimmer from side to side.
- Keep the trimmer head slightly above the ground for even cutting.
- For tougher weeds, use the variable speed trigger to increase power as needed.
- To advance the line, gently tap the bump feed head on a firm surface while the trimmer is running.

4. Stopping the Trimmer:

- Release the variable speed trigger. The motor will stop.
- For extended breaks or when finished, remove the battery from the trimmer.



The 40V string trimmer in operation, capable of up to 55

minutes of runtime with a 6.0Ah battery.



The 0.080-inch dual quiet line provides efficient and precise cutting.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your string trimmer.

- **Cleaning:** After each use, remove the battery and clean the trimmer head, guard, and shaft with a damp cloth. Remove any accumulated grass, dirt, or debris. Do not use harsh chemicals or abrasive cleaners.
- **Line Replacement:**
 - When the trimmer line runs out or becomes too short, replace it with .080" diameter trimmer line.
 - Refer to the specific instructions for your bump feed head model for proper line winding and replacement. Typically, this involves removing the spool cap, winding new line onto the spool, and reassembling.



The bump feed head allows for on-demand line advancement.

- **Battery Care:**

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store batteries in a discharged state for long periods. Charge them periodically if not in use.
- Avoid dropping or damaging the battery.

- **Storage:** When storing the trimmer for extended periods, remove the battery. Clean the unit thoroughly and store it in a dry, secure location, preferably indoors, out of reach of children.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your string trimmer.

Problem	Possible Cause	Solution
Trimmer does not start.	Battery not charged or not inserted correctly. Safety lock-out not engaged before trigger.	Ensure battery is fully charged and securely clicked into place. Press the safety lock-out button before squeezing the trigger.
Trimmer line does not advance.	Line tangled or too short. Spool empty.	Tap the bump head firmly on the ground while the trimmer is running. If still no advancement, remove the spool cap and check for tangles or replace the line.
Reduced cutting performance.	Dull or short trimmer line. Excessive debris around head.	Advance or replace the trimmer line. Clean any grass or debris from the trimmer head and guard.
Motor runs, but line does not spin.	Trimmer head assembly loose or damaged.	Check if the trimmer head is securely attached. If damaged, contact customer support for assistance.

If the problem persists after attempting these solutions, please contact Greenworks customer support.

SPECIFICATIONS

- **Model:** ST-140-A
- **Power Source:** 40V Lithium-Ion Battery
- **Battery Included:** 1 x 6.0Ah Lithium-Ion Battery
- **Charger Included:** Yes
- **Motor Type:** Brushless
- **Cutting Swath:** 14 inches
- **Line Diameter:** .080 inches (Dual Line)
- **Feed Type:** Bump Feed Head
- **Weight (with battery):** Approximately 13.93 lbs (6.32 kg)
- **Product Dimensions:** 68.7 x 11.81 x 11.02 inches (174.5 x 30 x 28 cm)
- **Attachment Capable:** Yes

WARRANTY AND SUPPORT

Greenworks products are designed for durability and performance. For warranty information and customer support, please refer to the official Greenworks website or the warranty card included with your product.

Customer Service: For technical assistance, parts, or warranty claims, please contact Greenworks customer service. Contact details can typically be found on the Greenworks official website or in the product packaging.

Online Resources: Visit the official Greenworks website for additional product information, FAQs, and instructional videos.

Note: Product specifications and features are subject to change without prior notice.