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### Greenworks GD40BCB (Model 2105707)

# Greenworks GD40BCB 40V Cordless Brush Cutter User Manual

Model: GD40BCB (2105707) | Brand: Greenworks

## 1. IMPORTANT SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Personal Protective Equipment:** When operating, always wear appropriate protective equipment, including safety glasses, heavy-duty gloves, long pants, and suitable footwear. Hearing protection is also recommended.
- **Clear Work Area:** Ensure the work area is clear of people, children, pets, and fragile objects before starting the brush cutter. Maintain a safe distance from others.
- **Flying Debris:** Be aware of the risks of flying debris. The cutting line or blade can propel small objects at high speeds. Direct the cutting head away from yourself and others.
- **Inspect Before Use:** Before each use, inspect the tool for any damage, loose parts, or worn components. Ensure the guard is securely in place.
- **Battery Safety:** Use only Greenworks 40V lithium-ion batteries and chargers. Do not expose batteries to water, extreme temperatures, or direct sunlight.
- **Proper Handling:** Hold the brush cutter firmly with both hands using the bike handle. Use the included harness for improved control and reduced fatigue.

For detailed safety guidelines, refer to the complete safety section in the printed manual.

## 2. PACKAGE CONTENTS

Carefully unpack your Greenworks GD40BCB brush cutter and verify that all items are present and undamaged.

This package typically includes:

- Greenworks 40V Cordless Brush Cutter (main unit with string trimmer head)
- Operator's Manual

- Brush Cutter Blade (for heavy-duty clearing)
- Adjustable Harness
- Bike Handle Assembly

*Note: Battery and charger are sold separately and are not included with this tool-only package.*



Image: Included components of the Greenworks GD40BCB package.

### **3. ASSEMBLY AND SETUP**

Follow these steps to assemble your brush cutter before initial use.

#### **3.1 Attaching the Bike Handle**

1. Loosen the clamping bolts on the bike handle assembly.
2. Position the bike handle onto the shaft at a comfortable height and angle.

3. Tighten the clamping bolts securely to prevent rotation during operation.

**2.0 MM DUAL QUIET LINE**

**BUMP FEED HEAD**

**40 CM CUTTING PATH**

**BRUSHLESS MOTOR**  
**2X MORE TORQUE**

- PROVIDES MORE POWER
- LONGER RUNTIMES
- QUIET OPERATION
- EXTENDED MOTOR LIFE

\* COMPARED TO BRUSHED MOTOR

Image: Adjustable bike handle for ergonomic control.

### 3.2 Installing the Guard

The guard must always be installed to protect against flying debris.

1. Slide the guard onto the shaft until it aligns with the mounting holes.
2. Secure the guard with the provided screws and tighten them firmly.

### 3.3 Attaching the Cutting Head (Line Trimmer or Blade)

Your tool can be used with either a nylon line head or a brush cutter blade.

- **For Line Trimmer Head:** Ensure the line head is securely fastened to the shaft. Refer to the manual for specific attachment instructions if it needs to be reinstalled.
- **For Brush Cutter Blade:** Remove the line trimmer head. Carefully align the brush cutter blade onto the mounting flange and secure it with the provided hardware (washer, nut). Ensure the blade is oriented correctly and tightened to the specified torque.

### 3.4 Inserting the Battery

1. Ensure the battery is fully charged.
2. Slide the 40V battery into the battery compartment on the tool until it clicks into place.
3. To remove, press the battery release button and slide the battery out.

## 4. OPERATION

Understand how to safely and effectively operate your Greenworks GD40BCB brush cutter.

### 4.1 Starting and Stopping the Tool

1. **To Start:** Press and hold the safety lock-out button, then squeeze the trigger switch. The tool will start.
2. **To Stop:** Release the trigger switch. The tool will stop immediately.

### 4.2 Using the String Trimmer Head

The string trimmer is ideal for cutting grass and light weeds.

- **Cutting Technique:** Use a sweeping motion, moving the cutting head from side to side. Keep the cutting head slightly above the ground.
- **Line Advancement (Bump Feed):** To advance the cutting line, lightly tap the bump knob on the ground while the tool is running. The line will automatically extend.
- **Variable Speed:** The trigger allows for variable speed control. Apply more pressure for higher speed and cutting power.



Image: String trimmer head in action, trimming grass.

### 4.3 Using the Brush Cutter Blade

The brush cutter blade is designed for clearing dense brush, thick weeds, and small saplings.

- **Cutting Technique:** Use a controlled, deliberate motion. Avoid forcing the blade through thick material. Let the blade do the work.
- **Safety:** Always be extra cautious when using the blade. Ensure no hard objects (rocks, metal) are in the cutting path that could damage the blade or cause kickback.
- **Harness Use:** The adjustable harness is crucial for comfortable and safe operation, especially when using the brush cutter blade for extended periods. Adjust it to distribute the tool's weight evenly.

**40**  
**VOLT**  
**LITHIUM** **MAX**



Image: Brush cutter blade clearing dense vegetation.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Greenworks GD40BCB.

### 5.1 Cleaning

- Always remove the battery before cleaning.
- Wipe down the tool with a damp cloth after each use to remove grass, dirt, and debris.
- Clean the air vents to prevent overheating.

### 5.2 Cutting Line and Blade Care

- **String Trimmer Line:** Replace worn or broken cutting line as needed. Use only 2.0mm diameter nylon line.
- **Brush Cutter Blade:** Inspect the blade for dullness, cracks, or damage. Sharpen dull blades with a suitable file or replace damaged blades.

### 5.3 Lubrication

Periodically lubricate the angle housing. There are typically two lubrication holes near the cutting head. Apply angle housing grease once per season or as recommended in the full manual.

### 5.4 Battery Storage

Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, charge batteries to approximately 50%.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Greenworks GD40BCB.

Problem	Possible Cause	Solution
Tool does not start	Battery not inserted correctly Battery not charged Safety lock-out not engaged	Ensure battery is fully seated Charge the battery Press safety button before trigger
Cutting line does not advance	Line tangled or fused Insufficient line remaining Bump feed mechanism jammed	Remove battery, untangle/replace line Reload with new line Clean bump feed mechanism
Reduced cutting performance	Dull brush cutter blade Worn cutting line Low battery charge	Sharpen or replace blade Replace cutting line Recharge battery
Excessive vibration	Damaged or unbalanced blade Loose components	Inspect and replace blade if necessary Check all fasteners and tighten

If you encounter issues not listed here or if solutions do not resolve the problem, contact Greenworks customer support.

## 7. SPECIFICATIONS

Key technical specifications for the Greenworks GD40BCB 40V Cordless Brush Cutter.

Feature	Specification
Model Number	2105707
Voltage	40 Volts (DC)
Motor Type	Brushless Motor
Cutting Width (Line)	40 cm
Cutting Width (Blade)	25.4 cm

Feature	Specification
Line Diameter	2.0 mm
Line Feed System	Bump Feed
Speed	6300 RPM
Weight (without battery)	4.5 Kilograms
Dimensions (L x W x H)	91 x 30.5 x 12 cm
Power Source	Rechargeable Battery (40V Lithium-ion)

## 8. WARRANTY AND SUPPORT

Greenworks stands behind the quality of its products.

### 8.1 Warranty Information

This Greenworks GD40BCB brush cutter comes with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from misuse, abuse, neglect, unauthorized repairs, or normal wear and tear. For full warranty terms and conditions, please refer to the warranty card included with your product or visit the official Greenworks website.

### 8.2 Customer Support

If you have any questions about the assembly, operation, maintenance, or troubleshooting of your Greenworks GD40BCB, please contact Greenworks customer support. You can typically find contact information (phone numbers, email, or online support portal) on the Greenworks official website or in the product packaging.

When contacting support, please have your product model number (GD40BCB or 2105707) and serial number (if applicable) ready to assist them in providing efficient service.