Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Makita UR006GZ02

Makita UR006GZ02 40V Brush Cutter Instruction Manual

Model: UR006GZ02 | Brand: Makita

1. Introduction

The Makita UR006GZ02 40V XGT brush cutter is a powerful and versatile tool designed for various landscaping applications. Featuring a bike handle for comfortable operation, this brush cutter is equipped with a 3-speed brushless motor, offering optimal performance for different cutting needs. Its advanced features, such as the reverse rotation system, Soft Start, Automatic Torque Drive Technology (ADT), Active Anti-Feedback Technology (AFT), and WetGuard, ensure efficiency, safety, and durability.



Image: The Makita UR006GZ02 40V Brush Cutter, featuring a long shaft, a bike-style handle with controls on the right grip, and a teal-colored motor housing at the top. The cutting head with a guard is visible at the bottom.

2. Safety Instructions

Always prioritize safety when operating power tools. Read and understand all safety warnings and instructions before use. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Personal Protective Equipment (PPE):** Always wear eye protection (safety glasses or goggles), hearing protection, and sturdy footwear. Long pants and gloves are also recommended.
- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate the brush cutter in explosive

atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep bystanders, children, and pets at a safe distance (at least 15 meters/50 feet) from the operating area.

- **Electrical Safety:** This is a battery-powered tool. Use only the specified battery pack and charger. Do not expose the tool to rain or wet conditions.
- **Tool Use and Care:** Do not force the tool. Use the correct tool for your application. Maintain the tool properly; keep cutting attachments sharp and clean. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.
- **Battery Safety:** Do not short-circuit the battery pack. Do not charge the battery pack in rain or wet conditions. Do not store the battery pack in locations where the temperature may reach or exceed 50°C (122°F).

3. Setup and Assembly

Before initial use, some assembly is required. Ensure the battery is fully charged before beginning assembly.

1. **Attach the Bike Handle:** Securely fasten the bike handle to the main shaft using the provided clamps and bolts. Ensure it is positioned comfortably for balanced operation.
2. **Install the Guard:** Mount the cutting guard to the shaft above the cutting head. This guard protects the operator from debris. Ensure it is firmly attached.
3. **Attach the Cutting Attachment:** Depending on your task, install the appropriate cutting attachment (e.g., trimmer head or brush cutter blade) onto the spindle. Follow the specific instructions for your chosen attachment to ensure it is securely fastened and correctly oriented.
4. **Insert Battery:** Insert a fully charged Makita 40V XGT Li-ion battery pack into the battery slot on the motor housing until it clicks into place.

4. Operating Instructions

Familiarize yourself with the controls and features before operating the brush cutter.

Controls and Functions:

- **Power Switch:** Located on the handle, this activates the tool.
- **Speed Selector:** The 3-speed brushless motor allows you to select between Low, Medium, and High speeds to match the cutting conditions.
- **Reverse Rotation System:** This feature allows the operator to quickly reverse the rotation of the cutting attachment to free it from tangled grass or weeds without manual intervention.
- **Soft Start Function:** Ensures a gradual increase in speed upon startup, reducing initial torque shock and protecting the motor.
- **Automatic Torque Drive Technology (ADT):** Automatically adjusts the speed and torque during operation to maintain optimal performance under varying loads.
- **Active Anti-Feedback Technology (AFT):** Stops the motor if the tool rotation suddenly stops or is significantly impeded, enhancing operator safety.
- **WetGuard:** Provides excellent water resistance performance, allowing for operation in damp conditions.
- **Electric Brake:** Quickly stops the cutting attachment when the trigger is released, increasing productivity and operator safety.
- **Constant Speed Control:** Automatically applies additional power to the motor to maintain speed under load, ensuring consistent cutting performance.

Usage Tips:

- Hold the brush cutter firmly with both hands, maintaining a balanced stance.
- Start at a lower speed for lighter tasks and increase as needed for denser vegetation.
- Use a sweeping motion to cut, moving from right to left for optimal cutting and debris deflection.
- Avoid hitting hard objects like rocks, fences, or concrete, as this can damage the cutting attachment and the tool.
- If the cutting attachment becomes tangled, use the reverse rotation system to clear it.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Makita brush cutter.

- **Cleaning:** After each use, remove the battery and clean the tool thoroughly. Use a dry cloth to wipe down the housing and a brush to clear debris from vents and the cutting head area. Do not use water or harsh chemicals.
- **Cutting Attachment Inspection:** Regularly inspect the trimmer line or blade for wear, damage, or dullness. Replace worn-out line or sharpen/replace blades as necessary.
- **Guard Inspection:** Ensure the cutting guard is intact and securely fastened. Replace if damaged.
- **Fasteners:** Check all screws, bolts, and fasteners periodically to ensure they are tight. Tighten any loose fasteners.
- **Storage:** Store the brush cutter in a dry, secure place, out of reach of children. Remove the battery pack before storing for extended periods.

6. Troubleshooting

This section addresses common issues you might encounter with your brush cutter.

Problem	Possible Cause	Solution
Tool does not start	Battery not inserted correctly; Battery discharged; Tool malfunction	Ensure battery is fully seated; Charge battery; Contact service center
Cutting attachment not spinning	Tangled debris; Attachment loose; AFT activated	Use reverse rotation or clear debris manually (with battery removed); Re-secure attachment; Check for overload conditions
Reduced cutting performance	Dull/worn cutting line/blade; Incorrect speed setting; Overloading	Replace/sharpen cutting attachment; Select higher speed; Reduce cutting load
Excessive vibration	Damaged/unbalanced cutting attachment; Loose components	Inspect and replace cutting attachment; Check and tighten all fasteners

7. Specifications

Detailed technical specifications for the Makita UR006GZ02 40V Brush Cutter.

Feature	Specification
Model Number	UR006GZ02
Brand	Makita
Power Source	Battery Powered (40V XGT Li-ion)
No-load Speed	4600 - 7000 min^{-1}
Cutting Width	255 - 430 mm (10 - 16.9 inches)
Shaft Thread	M10 x 1.25 LH
Sound Power Level	88.4 - 95.4 dB(A)
Sound Pressure Level	77 - 82.9 dB(A)
Vibration Level (3 axes)	≤ 2.5 m/s^2
Vibration Uncertainty (K factor)	1.5 m/s^2
Weight with Battery (EPTA)	5.7 - 6.3 kg (12.5 - 13.9 lbs)
Product Dimensions (L x W x H)	75.16 x 26.65 x 21.26 inches
UPC	088381750097

8. Warranty and Support

Makita products are manufactured under strict quality control standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Makita website. For technical support, spare parts, or service, please contact your local authorized Makita service center or dealer. Always provide the model number (UR006GZ02) when seeking assistance.

You can find more information and support resources on the official Makita website: www.makitatools.com

© 2024 Makita Corporation. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B09M25WTNB

More documents and user manuals: **https://manuals.plus/**