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

Makita UR016GZ

Makita UR016GZ 40V Max Li-ion XGT Brush Cutter

Instruction Manual

Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita UR016GZ 40V Max Li-ion XGT Brush Cutter. Please read this manual thoroughly before use and keep it for future reference.

The Makita UR016GZ is a cordless brush cutter powered by a 40V Max Li-ion XGT battery, designed for continuous, heavy-duty applications in garden and lawn maintenance. It features a brushless motor, 3 speed settings, constant speed control, and a cutting diameter of 330mm.

Safety Instructions

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep bystanders away. Wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, and sturdy footwear. Ensure the work area is clear of obstacles and debris.

Do not operate the brush cutter in wet conditions or in the presence of flammable liquids or gases. Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.

Product Overview



Figure 1: The Makita UR016GZ 40V Max Li-ion XGT Brush Cutter, showcasing its ergonomic design with handlebars and cutting head.



Figure 2: The Makita UR016GZ Brush Cutter as it appears in its original retail packaging, a long rectangular box.

Key Features:

- Single speed trigger with button for 3 speed settings plus ADT mode.
- Spindle size M10 x 1.25 L.
- Cordless operation, comparable to a 23ml class entry-level engine brush cutter.
- Lock off function for safety.
- Anti-restart function.
- Automatic Torque Drive Technology (ADT).
- Active Feedback Sensing Technology (AFT).
- Grass tangle removing function.
- Hollow drive shaft to minimize weight increase.
- Rear-end mounted brushless motor.

Setup

Unpacking:

Carefully remove all components from the packaging. Verify that all parts listed in the packing list are present and undamaged. Keep packaging materials for future storage or transport.

Assembly:

1. **Handlebar Installation:** Attach the handlebars securely to the main shaft. Ensure all bolts are tightened according to the torque specifications in the detailed assembly guide (refer to the separate assembly diagram if provided).
2. **Guard Attachment:** Install the cutting guard over the cutting head. This guard is crucial for user safety and must always be in place during operation.
3. **Cutting Head/Line Installation:** Install the appropriate cutting head (e.g., string trimmer head or blade, depending on model variant and intended use). Ensure the cutting line is properly wound and secured.
4. **Battery Installation:** Insert a fully charged 40V Max Li-ion XGT battery into the battery slot until it clicks into place. Ensure the battery is securely seated before operation.

For detailed visual instructions, refer to the assembly diagrams provided with your product.

Operating Instructions

Charging the Battery:

Use only Makita DC40RA Fast Charger, DC40RC Standard Charger, or DC40RB Twin Port Charger to charge XGT batteries. Charging time for a 5.0 Ah battery is approximately 28 minutes. Do not attempt to charge non-rechargeable batteries.

Starting the Brush Cutter:

1. Ensure the battery is fully charged and securely installed.
2. Press the lock-off button.
3. Squeeze the single speed trigger to start the motor.

Speed Settings:

The UR016GZ offers 3 speed settings, adjustable via a dedicated button. The maximum RPMs are 3500, 5300, and 6500. Select the appropriate speed based on the density of the vegetation and desired cutting performance. The Automatic Torque Drive Technology (ADT) automatically changes the cutting speed according to load condition for optimal operation.

Stopping the Brush Cutter:

Release the single speed trigger. The electric brake will quickly stop the cutting head.

Operating Tips:

- Maintain a firm grip on both handles.
- Swing the brush cutter in a smooth, sweeping motion.
- Avoid hitting hard objects like rocks or fences to prevent damage to the cutting head and potential kickback.
- Regularly check the cutting line for wear and replace as needed.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your brush cutter. Always disconnect the battery before performing any maintenance.

Cleaning:

After each use, clean the cutting head, guard, and motor housing. Remove any grass, dirt, or debris. Do not use water or harsh chemicals. Use a dry cloth or soft brush.

Cutting Line/Blade Replacement:

Replace the cutting line or blade when worn or damaged. Refer to the specific instructions for your cutting head type. Use only genuine Makita replacement parts.

Storage:

Store the brush cutter in a cool, dry place, out of reach of children and away from direct sunlight or extreme temperatures. Remove the battery pack before long-term storage.

Battery Care:

Store batteries in a cool, dry place. Do not store fully discharged batteries. Charge them periodically if not used for extended periods.

Troubleshooting

Problem	Possible Cause	Solution
Brush cutter does not start.	Battery not charged or improperly installed. Lock-off button not pressed. Anti-restart function engaged.	Ensure battery is fully charged and securely inserted. Press lock-off button before squeezing trigger. Disconnect and reconnect battery to reset anti-restart.
Reduced cutting performance.	Worn or incorrect cutting line/blade. Grass tangled around cutting head. Battery charge low.	Replace cutting line/blade. Clear any tangled grass (with battery removed). Recharge battery.
Excessive vibration.	Damaged cutting head or unbalanced line. Loose components.	Inspect cutting head for damage and replace if necessary. Ensure cutting line is evenly distributed. Check all fasteners for tightness.

If the problem persists after attempting these solutions, contact Makita authorized service center.

Specifications

Attribute	Value
Model Number	UR016GZ
Power Source	40V Max Li-ion XGT Battery
Cutting Width	330 mm
Speed Settings (RPM)	3500, 5300, 6500
Maximum Output (5.0 Ah battery)	600 watts
Maximum Output (4.0 Ah battery)	530 watts
Spindle Size	M10 x 1.25 L
Product Dimensions	75.39"L x 24.61"W
Item Weight	18.7 pounds
UPC	088381779432

Warranty and Support

Manufacturer's Warranty:

This Makita product comes with a 1-year manufacturer warranty. An additional 2 years of warranty can be obtained by registering the product within 30 days of purchase. This guarantee is void if non-genuine or non-recommended parts or accessories are fitted to the tool, or if non-genuine or compatible batteries and chargers are used with Makita tools.

Customer Support:

For technical assistance, service, or to locate an authorized service center, please visit the official Makita website or contact Makita customer service. Ensure you have your model number (UR016GZ) and purchase details available. You can find more information and support on theMakita Store on Amazon.

© 2025 Makita. All rights reserved.
Model: UR016GZ

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/B0C23X98H4

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