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Makita XUX01Z

Makita XUX01Z 36V (18V X2) LXT Brushless Couple Shaft Power Head Instruction Manual

Model: XUX01Z

1. Important Safety Information

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

- Wear safety goggles and gloves to protect against flying debris.
- Keep hands and clothing away from the cutting area.
- Do not use the tool near flammable materials.
- Always wear appropriate safety gear, including hearing protection and sturdy footwear, when operating.
- Ensure the work area is clear of bystanders and pets.



Figure 1: Warning regarding the exclusive use of genuine Makita Lithium-Ion batteries. Using non-genuine batteries can lead to hazards such as bursting, fire, personal injury, or property damage.

Battery Safety: Only use genuine Makita® Lithium-Ion batteries. The use of non-genuine or 'knock-off' batteries may cause the battery to burst, resulting in fires, personal injuries, or property damage. If you have questions about your battery's authenticity or performance, contact a Makita Factory Service Center.

2. Product Overview

The Makita XUX01Z is a 36V (18V X2) LXT Brushless Couple Shaft Power Head designed for various outdoor power equipment applications. It offers cordless operation, reduced noise, and versatility through compatible attachments (sold separately).



Figure 2: The Makita XUX01Z Power Head, featuring a brushless motor and couple shaft design.

Key Features:

- **BL Brushless Motor:** Delivers up to 9,700 RPM for efficient operation.
- **3-Speed Options:** Low (5,700 RPM), Medium (8,200 RPM), High (9,700 RPM) for power management.
- **Variable Speed Trigger:** Provides controlled cutting speed.
- **Couple Shaft Compatibility:** Designed for use with various Makita couple shaft attachments.
- **Lever Style Lock System:** Enables quick, tool-less installation and replacement of attachments.
- **Electronic Torque Control:** Automatically stops the motor if rotation speed slows or stops.
- **Overheat Warning System:** Activates an indicator light and stops the motor if overheating occurs.
- **Reverse Rotation System:** Allows clearing of entangled debris from the attachment head.

3. Setup and Assembly

3.1 Battery Installation

The XUX01Z Power Head requires two 18V LXT batteries for operation (batteries sold separately).

1. Ensure the power head is turned off.
2. Align the battery with the battery housing on the power head.
3. Slide the battery into the housing until it clicks securely into place. Repeat for the second battery.
4. To remove, press the release button on the battery and slide it out.



Figure 3: Proper insertion of an 18V LXT battery into the power head's battery compartment.

3.2 Attachment Installation

The power head is compatible with various couple shaft attachments (sold separately).

1. Ensure the power head is turned off and batteries are removed.
2. Align the shaft of the desired attachment with the coupling on the power head.
3. Push the attachment shaft into the coupling until it is fully seated.

4. Engage the lever style lock system to secure the attachment. Ensure it is firmly locked before operation.
5. To remove, disengage the lock system and pull the attachment shaft out.



Figure 4: The lever style lock system allows for quick and tool-less installation and replacement of attachments.



Figure 5: The power head is compatible with a variety of optional couple shaft attachments for diverse applications.

4. Operating Instructions

4.1 Starting and Stopping

1. Ensure batteries are installed and attachment is securely locked.
2. To start, press the power button. The tool will typically start in the last used speed setting.
3. To stop, release the variable speed trigger. For complete power off, press and hold the power button.

4.2 Speed Selection

The power head features three speed options:

- **Low:** 5,700 RPM
- **Medium:** 8,200 RPM

- **High:** 9,700 RPM

Use the speed selection button on the control panel to cycle through the available speeds. The appropriate speed should be chosen based on the application and material being worked on.



Figure 6: The control panel with speed selection buttons (up to 9,700 RPM) allows the operator to match speed to the application.

4.3 Variable Speed Trigger

The variable speed trigger allows for precise control over the cutting speed. Press the trigger lightly for slower speeds and increase pressure for higher speeds, up to the selected maximum RPM.

4.4 Reverse Rotation System

If the attachment head becomes entangled with weeds or grass, the reverse rotation system can be used to clear the debris. Activate the reverse function as instructed in the full user manual to rotate the attachment clockwise and dislodge material.

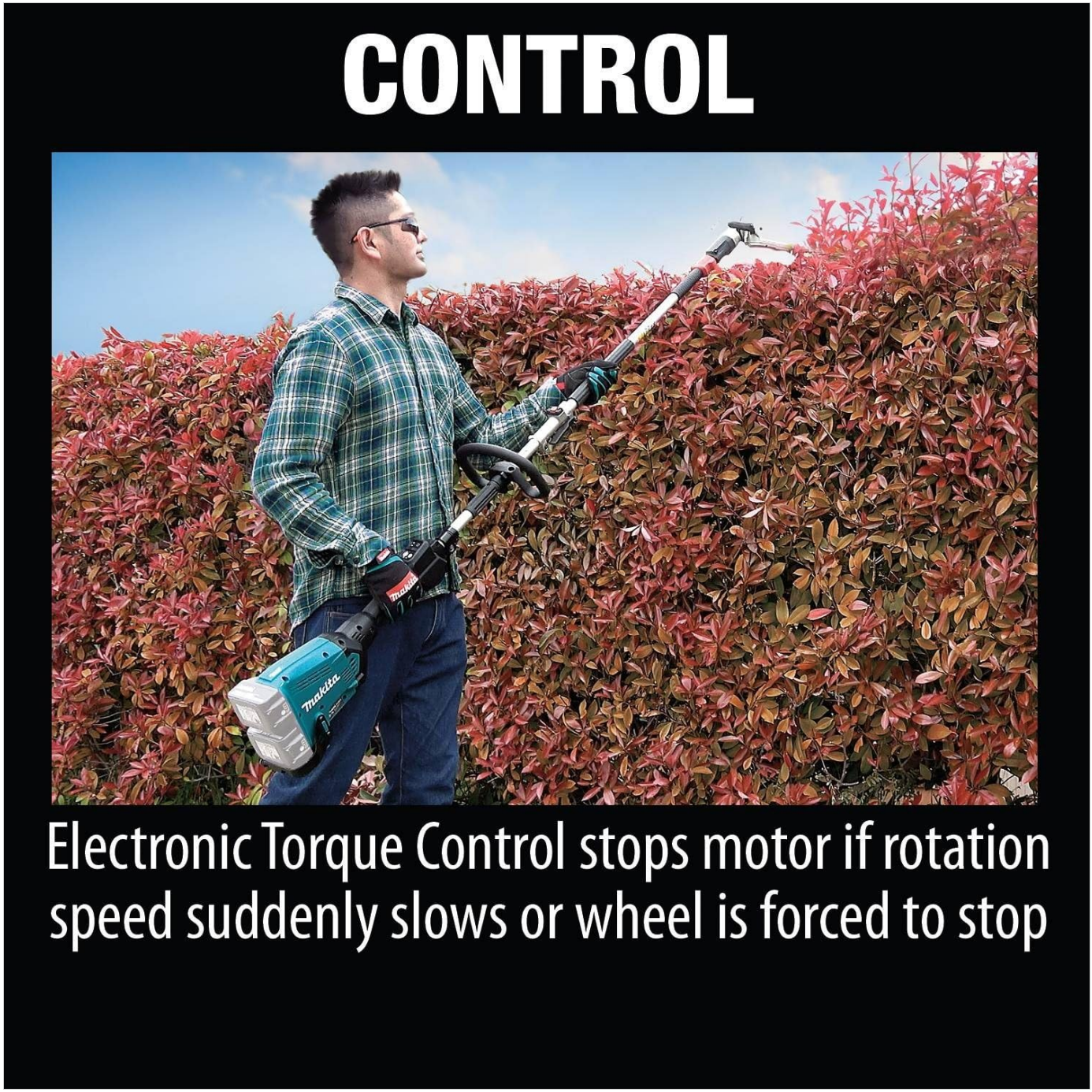


Figure 7: The Electronic Torque Control feature stops the motor if rotation speed suddenly slows or the attachment is forced to stop, enhancing user safety and tool longevity.

5. Maintenance

Regular maintenance ensures optimal performance and extends the life of your Makita XUX01Z Power Head.

5.1 General Cleaning

- Always remove batteries before cleaning or performing any maintenance.
- Clean the tool body with a soft, damp cloth. Do not use strong detergents or solvents.
- Keep ventilation openings clear of dust and debris to prevent overheating.

5.2 Attachment Care

Refer to the specific instruction manual for each attachment for detailed cleaning and maintenance procedures. Ensure attachments are clean and free of debris before storage.

5.3 Battery and Charger Care

- Store batteries in a cool, dry place away from direct sunlight and moisture.
- Do not store batteries in temperatures exceeding 50°C (122°F).
- Charge batteries using only genuine Makita chargers.
- Avoid fully discharging batteries before recharging to prolong their lifespan.

6. Troubleshooting

This section addresses common issues you might encounter with your power head.

6.1 Tool Stops During Operation

- **Electronic Torque Control:** The motor may stop if the rotation speed suddenly slows down or the attachment is forced to stop. This is a safety feature. Release the trigger, clear any obstruction, and restart the tool.
- **Overheat Warning System:** If the tool overheats, an indicator light will turn on, and the motor will automatically stop. Allow the tool to cool down before resuming operation. Ensure ventilation openings are not blocked.
- **Low Battery:** The tool may stop if the batteries are depleted. Recharge or replace the batteries.

6.2 Attachment Not Engaging

- Ensure the attachment shaft is fully inserted into the coupling.
- Verify that the lever style lock system is properly engaged.
- Check for any debris or damage in the coupling mechanism.

7. Specifications

Feature	Specification
Brand	Makita
Model Number	XUX01Z
Power Source	Battery Powered (2x 18V LXT Lithium-Ion)
Motor Type	BL Brushless
Max Speed	9,700 RPM
Speed Settings	3 (Low, Medium, High)
Item Weight	10.6 Pounds
Product Dimensions	41 x 6.7 x 8.7 inches
UPC	088381850728
Assembly Required	Yes

Note: Cutting width specifications are dependent on the specific attachment used with the power head.

8. Warranty and Support

Makita products are engineered for durability and performance. For information regarding warranty coverage, service, or

technical support for your Makita XUX01Z Power Head, please refer to the official Makita website or contact Makita customer service directly.
You can typically find contact information and detailed warranty statements on the manufacturer's official website or within the packaging materials that came with your product.
For assistance with genuine Makita products, batteries, or chargers, you may contact Makita at (800)-4-MAKITA.

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