

FADAKWALT 12V Cordless Reciprocating Saw

FADAKWALT 12V Cordless Reciprocating Saw

INSTRUCTION MANUAL

1. Introduction

The FADAKWALT 12V Cordless Reciprocating Saw is a versatile power tool designed for efficient cutting of various materials including wood, branches, PVC pipes, and metal. This manual provides essential information for safe and effective operation, proper setup, routine maintenance, and troubleshooting common issues. Please read this manual thoroughly before using the tool to ensure your safety and optimize performance.

2. General Safety Instructions

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, dust mask, and heavy-duty gloves. Dress properly; do not wear loose clothing or jewelry. Keep hair and clothing away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools. Do not modify or attempt to repair the battery pack or the tool.
- **Maintenance:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

3. Product Overview and Components

The FADAKWALT 12V Cordless Reciprocating Saw kit includes the following components:

- Reciprocating Saw Body
- 1 pc 2000mAh Lithium Battery
- Fast Charger
- 2 pcs Metal Cutting Blades
- 2 pcs Wood Cutting Blades
- Clamping Jaw
- Tool Bag



Reciprocating Saw Kit



Reciprocating Saw



2 pcs metal cutting blades



1 pc 2000mAh
Lithium Battery



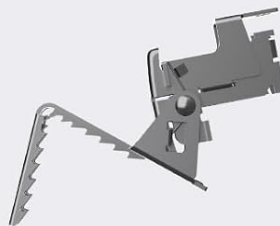
Fast Charger



2 pcs wood cutting blades



Extra Gifts



Clamping Jaw



Tool Bag

Figure 1: Complete FADAKWALT Reciprocating Saw Kit showing all included components.

Key parts of the reciprocating saw include:

- **Variable Speed Trigger:** Controls the cutting speed.
- **Safety Lock:** Prevents accidental starting of the saw.
- **Non-slip Handle:** Provides a secure and comfortable grip.

- **Lithium Battery:** Powers the saw.
- **Motor Cooling Hole:** Ensures proper heat dissipation during operation.
- **Tool-free Blade Change Mechanism:** Allows for quick and easy blade replacement.
- **LED Work Light:** Illuminates the work area.
- **Battery Status Indicators:** Displays the remaining battery charge.



Figure 2: Labeled diagram of the FADAKWALT 12V Cordless Reciprocating Saw.



Figure 3: Double Safety Switch mechanism to prevent accidental starts.

4. Setup

4.1 Charging the Battery

The FADAKWALT 12V Cordless Reciprocating Saw is powered by a 2.0Ah Lithium-ion battery. Before first use, fully charge the battery. Connect the charger to a power outlet and insert the battery pack. The indicator lights on the charger will show the charging status. Ensure the battery is fully charged before use for optimal performance and runtime.



Figure 4: The 2.0Ah Lithium-ion battery pack.

4.2 Installing/Changing Blades

The saw features a tool-free blade change system for quick and easy blade replacement. Always ensure the battery is removed before changing blades.

1. Twist the blade clamp collar counter-clockwise to open the blade receiver.
2. Insert the blade fully into the receiver with the teeth facing the direction of cut.
3. Release the blade clamp collar to secure the blade. Pull on the blade to ensure it is firmly locked in place.
4. To remove, twist the collar and pull the blade out.



Reciprocating Saw Kit



Reciprocating Saw



2 pcs metal cutting blades



1 pc 2000mAh
Lithium Battery



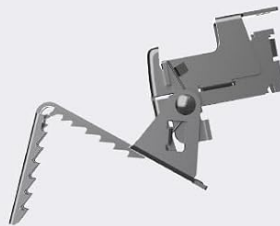
Fast Charger



2 pcs wood cutting blades



Extra Gifts



Clamping Jaw



Tool Bag

Figure 5: Tool-free blade change process.

4.3 Attaching the Clamping Jaw

For enhanced stability and safety when cutting branches, attach the clamping jaw. Align the jaw with the designated slots on the saw's shoe and secure it firmly. This accessory helps to hold the workpiece in place, especially during one-handed operation.

5. Operating Instructions

5.1 General Operation

Before starting, ensure the appropriate blade is installed for the material you intend to cut. Always wear safety glasses and other recommended PPE.

1. **Activate the Safety Lock:** Press the safety lock button (Figure 3) before pressing the variable speed trigger to prevent accidental starts.
2. **Start the Saw:** Squeeze the variable speed trigger to start the saw. The cutting speed can be adjusted by varying

the pressure on the trigger.

3. **Position the Saw:** Place the shoe of the saw firmly against the workpiece.
4. **Begin Cutting:** Apply steady, even pressure. Allow the blade to do the work; do not force the saw.
5. **LED Work Light:** The integrated LED light will illuminate the work area when the trigger is pressed, improving visibility in dimly lit conditions.

5.2 Cutting Specific Materials

The FADAKWALT reciprocating saw is suitable for various cutting tasks:

- **Wood and Branches:** Use the wood cutting blades. For branches, the clamping jaw can be used to stabilize the workpiece, allowing for one-handed operation. The saw is effective for pruning and general wood processing.
- **Metal:** Use the metal cutting blades. Ensure the material thickness is within the saw's capacity (e.g., metals less than 0.19 inches wide).
- **PVC Pipes:** Use either wood or metal blades, depending on the pipe's thickness and desired cut quality.



Figure 6: Multi-scenario application of the reciprocating saw.



Figure 7: Pruning of branches with the saw and clamping jaw.



Figure 8: Wood processing application.



Figure 9: Plastic cutting application.

5.3 Battery Status Indicator

The saw is equipped with three LED battery status indicators. These LEDs provide real-time information about the battery's charge level, allowing you to monitor it during your work and recharge as needed.

MULTI SCENARIO APPLICATION

0-2700SPM VARIABLE SPEED



Figure 10: Battery status indicators.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your FADAKWALT reciprocating saw.

- **Cleaning:** After each use, clean the saw body with a soft, damp cloth. Remove any sawdust or debris from the ventilation openings and blade clamp area. Do not use harsh chemicals or abrasive cleaners.
- **Blade Care:** Inspect blades for wear, damage, or dullness before each use. Replace dull or damaged blades immediately to ensure efficient and safe cutting. Store blades properly to prevent damage.
- **Battery Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to store the battery with a partial charge (around 50%).
- **Heat Dissipation System:** The saw is designed with an effective heat dissipation system to extend its life. Ensure the motor cooling holes are kept clear of obstructions.



Figure 11: Heat dissipation system.

7. Troubleshooting

If you encounter issues with your FADAKWALT reciprocating saw, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Saw does not start	Battery not charged Safety lock engaged Battery not properly inserted	Charge the battery Disengage the safety lock Ensure battery is fully seated
Poor cutting performance	Dull or incorrect blade Insufficient pressure Overheating	Replace blade or use correct type Apply steady, even pressure Allow saw to cool down
Battery not charging	Charger not connected Damaged battery or charger Battery too hot/cold	Check power connection Contact customer support Allow battery to reach room temperature

Problem	Possible Cause	Solution
Excessive vibration	Loose blade Damaged blade Internal issue	Re-secure blade Replace blade Contact customer support

8. Specifications

- **Brand:** FADAKWALT
- **Model:** 12V Cordless Reciprocating Saw
- **Voltage:** 12 Volts (DC)
- **Speed:** 0-2700 RPM (revolutions per minute)
- **Stroke Length:** 20 mm
- **Battery Type:** Lithium-ion
- **Battery Capacity:** 2.0 Ah
- **Power:** 200 Watts
- **Product Dimensions (L x W x H):** 29 x 19 x 5 cm
- **Weight:** 2.62 Kilograms
- **Handle Material:** Plastic
- **Blade Material:** High-speed steel and stainless steel
- **Special Features:** Spindle lock, LED work light, Battery status indicator, Tool-free blade change

9. Warranty Information

This FADAKWALT product comes with a limited warranty. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration of coverage. The warranty typically covers defects in materials and workmanship under normal use. Keep your proof of purchase for any warranty claims.

10. Customer Support

For technical assistance, replacement parts, or any questions regarding your FADAKWALT 12V Cordless Reciprocating Saw, please contact the manufacturer's customer support. Refer to the contact information provided on the product packaging or the official FADAKWALT website.

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