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› FADAKWALT 12V Cordless Drill Set User Manual

FADAKWALT 8212

FADAKWALT 12V Cordless Drill Set User Manual

Model: 8212

INTRODUCTION

Thank you for choosing the FADAKWALT 12V Cordless Drill Set. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read it thoroughly before first use and keep it for future reference.



Figure 1: FADAKWALT 12V Cordless Drill Set and included accessories.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual handy for quick reference.

- Wear appropriate personal protective equipment, including safety glasses, hearing protection, and gloves.
- Ensure the work area is well-lit and clear of obstructions.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.

PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- 1 x FADAKWALT 12V Cordless Drill
- 1 x Charger
- 1 x Magnetic Flexible Shaft
- 1 x Extension Bar for Sticking on Fastener
- 3 x Wood Drill Bits
- 3 x Masonry Drill Bits
- 10 x 25 mm Screwdriver Bits
- 1 x Screw Anchor Set
- 1 x Lithium Ion Battery (included with drill)

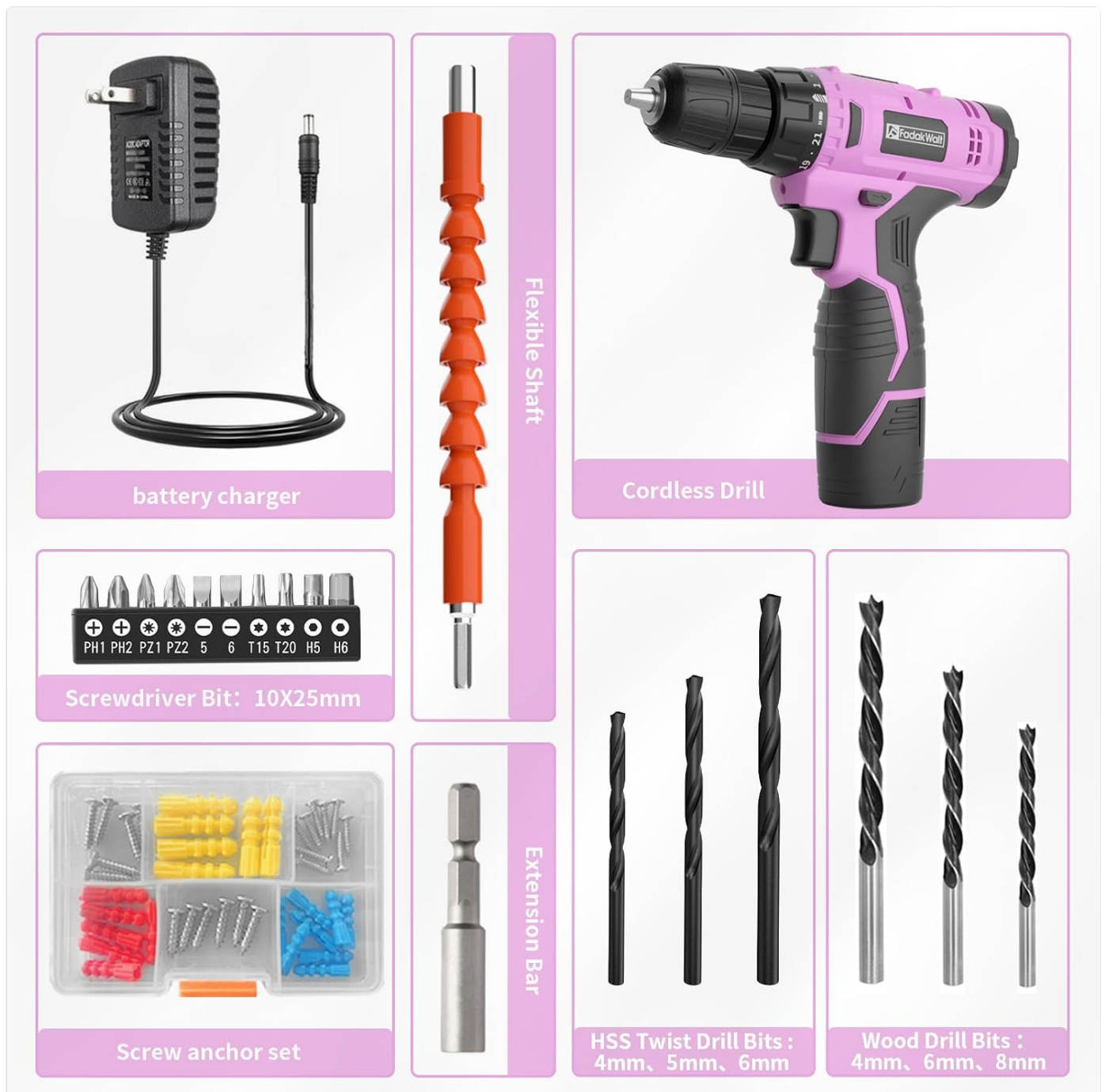


Figure 2: Key components of the FADAKWALT 12V Cordless Drill, including the 3/8" Keyless Chuck, 21+1 Adjustment Torque Clutch, LED Light, Variable Speed Switch, Forward/Reverse Switch, and 12V Li-ion Battery.

SETUP

1. Charging the Battery

The drill is powered by a 12V Lithium-Ion battery. Before first use, ensure the battery is fully charged.

1. Remove the battery from the drill by pressing the release buttons on the sides of the battery pack and sliding it out.
2. Connect the charger to a standard electrical outlet.
3. Insert the battery pack into the charger. The indicator light on the charger will show the charging status.
4. Once fully charged, remove the battery from the charger.

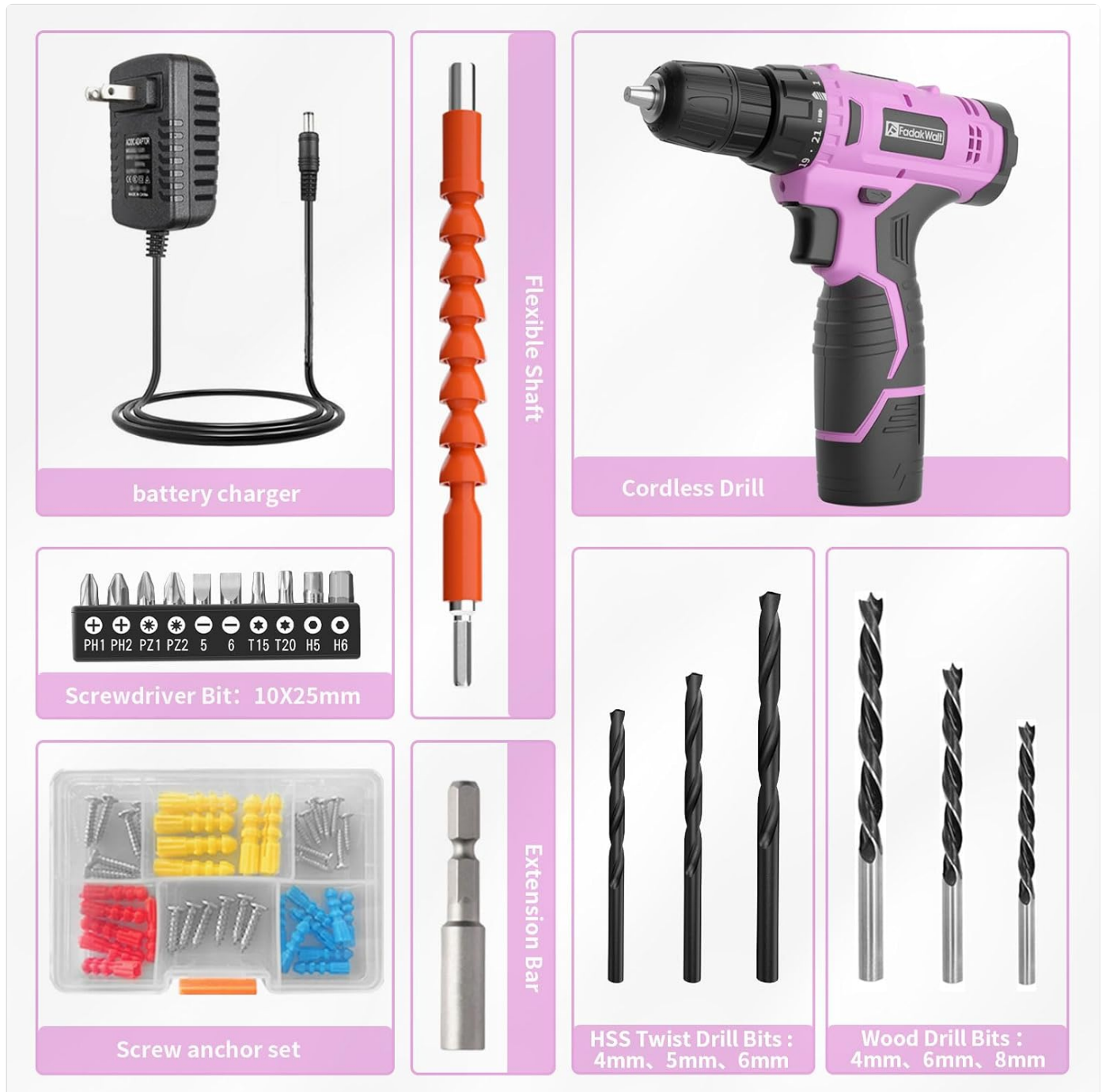


Figure 3: The battery charger and other accessories. Ensure the battery is properly seated in the charger for optimal charging.

2. Attaching/Detaching Battery

- To attach: Align the battery pack with the base of the drill handle and slide it in until it clicks securely into place.
- To detach: Press the battery release buttons on both sides of the battery pack and slide the battery out.

3. Installing Drill Bits/Accessories

The drill features a 3/8" keyless chuck for easy bit changes.

1. Rotate the chuck counter-clockwise until the jaws are open wide enough to insert the desired drill bit or screwdriver bit.
2. Insert the bit into the chuck, ensuring it is seated as far as possible.
3. Rotate the chuck clockwise to tighten the jaws firmly around the bit. Ensure the bit is centered and secure before operation.
4. For tight spaces, attach the Magnetic Flexible Shaft or Extension Bar to the chuck before inserting the bit.

OPERATING INSTRUCTIONS

1. Variable Speed Trigger

The drill's speed is controlled by the pressure applied to the trigger. Pressing the trigger lightly will result in a slower speed, while pressing it fully will achieve maximum speed (up to 650 RPM).

2. Forward/Reverse Switch

Located above the trigger, this switch controls the direction of rotation:

- Push left for forward rotation (for drilling and driving screws).
- Push right for reverse rotation (for removing screws or backing out bits).
- Center position locks the trigger for safety and prevents accidental starting.

3. Torque Setting (21+1 Position Clutch)

The torque adjustment ring allows you to select the amount of torque applied. This prevents over-driving screws or damaging the workpiece.

- Settings 1-21: For driving screws into various materials. Lower numbers are for softer materials or smaller screws; higher numbers are for harder materials or larger screws.
- Drill Icon Setting: For drilling applications, providing maximum torque without clutch action.

4. LED Work Light

An integrated LED light illuminates the work area when the trigger is pressed, improving visibility in dimly lit conditions.

5. Applications



Figure 4: Drilling plastic. Use appropriate drill bits and lower torque settings for plastic materials.



Figure 5: Driving screws. Select the correct torque setting to prevent stripping or over-driving.



Figure 6: Drilling corners. The flexible shaft allows access to confined or awkward spaces.



Figure 7: Drilling wood. Use appropriate wood drill bits for clean and efficient drilling.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your drill.

- **Cleaning:** Keep the ventilation openings of the tool clean to prevent overheating. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods. Charge them periodically if not in use.
- **Chuck Maintenance:** Periodically clean the chuck jaws to ensure proper gripping of bits.
- **Storage:** When not in use, store the drill and its accessories in a dry, secure location, out of reach of children.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Drill does not turn on.	Battery is not charged or not properly inserted.	Ensure battery is fully charged and securely inserted.
Bit slips in chuck.	Chuck not tightened sufficiently or bit shank is dirty/damaged.	Tighten chuck firmly. Clean or replace the bit if necessary.
Drill stops during operation.	Overload protection activated or battery is low.	Reduce pressure on the drill. Recharge the battery.
Reduced power/speed.	Low battery charge.	Recharge the battery.

SPECIFICATIONS

Feature	Detail
Brand	FADAKWALT
Model Number	8212
Power Source	Battery Powered
Voltage	12 Volts
Amperage	1.3 Amps
Maximum Rotational Speed	650 RPM
Maximum Torque	180 Inch Pounds (19 N.m)
Chuck Size	3/8" Keyless
Torque Settings	21+1 Position Clutch
Item Weight	3 Pounds
Product Dimensions	8.2"L x 7.8"W x 2.3"H
Battery Type	Lithium Ion

WARRANTY AND SUPPORT

FADAKWALT is committed to providing high-quality products and excellent customer service. If your Cordless Power Drill has quality problems or you have any questions, please feel free to contact us. We are always here to assist you.

For support, please refer to the contact information provided with your purchase or visit the official FADAKWALT store online: [FADAKWALT Store](#)

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

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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