Makita DFT023FMZ

Instruction Manual for Makita DFT023FMZ Cordless Screwdriver

Model: DFT023FMZ

Introduction

Thank you for choosing the Makita DFT023FMZ Cordless Screwdriver. This powerful and versatile tool is designed for efficient fastening tasks, offering a 2Nm torque output and operating on a 14.4V battery system. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new screwdriver. Please read this manual thoroughly before use and keep it for future reference.

Safety Information

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in 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:** This tool is battery-powered. Ensure the battery pack is compatible with the tool. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Dress properly; avoid loose clothing or jewelry that can get caught in 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 Pack Use and Care:** This product is supplied without a battery and charger. Use only battery packs and chargers specified by Makita. Do not short-circuit a battery pack. Do not dispose of battery packs in a fire.

Components and Features



Figure 1: Overview of the Makita DFT023FMZ Cordless Screwdriver. This image shows the main body of the screwdriver, including the chuck, LED light, trigger, forward/reverse switch, and the battery interface at the base (battery not included).

The Makita DFT023FMZ screwdriver features a compact and ergonomic design for comfortable use. Key components include:

- **Chuck:** For inserting and securing screwdriver bits.
- **LED Work Light:** Illuminates the work area for improved visibility.
- **Trigger Switch:** Activates the tool and controls speed.
- **Forward/Reverse Switch:** Changes the direction of rotation for driving or removing screws.
- **Battery Interface:** Connection point for a compatible 14.4V Makita battery pack (battery not included).
- **Ventilation Openings:** Essential for motor cooling. Keep clear of obstructions.

Setup

1. Battery Installation (Battery and Charger Sold Separately)

1. Ensure the screwdriver is turned off and the trigger is not depressed.
2. Align the battery pack with the battery interface on the bottom of the screwdriver handle.
3. Slide the battery pack firmly into place until it clicks, indicating it is securely locked.
4. To remove the battery, press the release button(s) on the battery pack and slide it out.

2. Bit Installation

1. Ensure the tool is off and the battery is removed for safety.
2. Insert the desired screwdriver bit into the chuck. Push it in firmly until it is seated.
3. Pull on the bit to ensure it is securely locked in place.

Operating Instructions

1. Powering On/Off

- To turn on the tool, depress the trigger switch. The LED work light will illuminate.
- To turn off the tool, release the trigger switch.

2. Changing Rotation Direction

- The forward/reverse switch is located above the trigger.
- Push the switch to the left for forward rotation (driving screws).
- Push the switch to the right for reverse rotation (removing screws).
- When the switch is in the center position, the trigger is locked, preventing accidental startup.

3. Driving Screws

1. Select the appropriate screwdriver bit for the screw head.
2. Set the rotation direction to forward.
3. Place the bit firmly into the screw head.
4. Depress the trigger switch to start driving the screw. Apply steady, even pressure.
5. Release the trigger once the screw is fully seated.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** Regularly clean the tool's ventilation openings to prevent overheating. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Bit Care:** Inspect screwdriver bits for wear or damage. Replace worn bits to prevent stripping screw heads.
- **Storage:** Store the tool and battery packs in a cool, dry place, away from direct sunlight and moisture. Ensure the battery is removed from the tool before storage.
- **Battery Charging:** Always follow the instructions provided with your Makita battery charger for proper charging procedures.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start.	Battery not installed correctly or discharged. Forward/reverse switch in center (locked) position.	Ensure battery is fully charged and properly inserted. Move forward/reverse switch to forward or reverse position.
Reduced power or speed.	Battery charge is low. Tool is overheating.	Recharge the battery pack. Allow the tool to cool down. Ensure ventilation openings are clear.
Screw head stripping.	Incorrect bit size. Worn bit. Insufficient pressure.	Use the correct bit for the screw. Replace worn bits. Apply firm, steady pressure.

Specifications

Feature	Detail
Model Number	DFT023FMZ
Brand	Makita
Tool Type	Cordless Screwdriver
Voltage	14.4V (Battery System)
Max Torque	2 Nm
Power Source	Battery Powered (Battery and Charger Sold Separately)
Material	Metal
Item Weight	1.8 Pounds (approx. 0.82 kg)
Wattage	15 watts
UPC	088381836746

Note: Specifications are subject to change without notice for improvement.

Warranty and Support

Makita products are manufactured under strict quality control standards. For information regarding warranty coverage, service, or technical support, please refer to the warranty card included with your purchase or visit the official Makita website.

Online Resources: For the most up-to-date information, product registration, and additional support, please visit the official Makita website: www.makitatools.com

Customer Service: Contact Makita customer service for assistance with product inquiries, parts, or service centers. Refer to your regional Makita website for contact details.

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