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Kobalt KMT 124B-03

Kobalt 18-Piece Cordless 24-Volt Max Oscillating Tool Kit Instruction Manual

Model: KMT 124B-03

Brand: Kobalt

INTRODUCTION

The Kobalt 18-Piece Cordless 24-Volt Max Oscillating Tool Kit is designed to help users efficiently complete a wide range of tasks. This versatile tool is ideal for various DIY projects and professional applications, offering cordless convenience and powerful performance.

Key Features:

- **Cordless Convenience:** Enjoy unrestricted movement and freedom from power cords with this 24-Volt Max oscillating tool.
- **Versatile Performance:** Tackle a wide range of tasks, from cutting and grinding to sanding and polishing, with this multi-functional tool.
- **Powerful and Efficient:** Drive through tough materials with ease, thanks to the tool's 4000 RPM minimum speed and 24V battery power.
- **Complete Kit:** Comes with 18 pieces, including the power tool, 2 batteries, 4 sandpaper sheets, a screwdriver, wrench, and charger, ensuring you're ready for any project.
- **Compact and Portable:** Weighing just 4.41 pounds and measuring 7.36" x 13.7" x 4.76", this tool is easy to handle and maneuver in tight spaces.
- **Variable Speed Dial:** Adjusts oscillation rates from 11,000 to 20,000 oscillations per minute for precise control.
- **Integrated LED Light:** Provides direct illumination on the work object, useful in dark or confined spaces.

IMPORTANT SAFETY INFORMATION

Always read and understand 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.

General Safety Rules:

- Wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and hearing protection.
- Keep 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.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Avoid accidental starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the tool.
- 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.
- 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.

KIT COMPONENTS

Your Kobalt 18-Piece Cordless 24-Volt Max Oscillating Tool Kit includes the following items:

- Kobalt 24-Volt Max Oscillating Tool (KMT 124B-03)
- 2 x 24V Max Lithium-Ion Batteries
- Battery Charger
- 4 x Sandpaper Sheets
- Screwdriver
- Wrench
- Tool Bag
- Instruction Manual

Product Overview:



Image: The product box for the Kobalt 24-Volt Max Oscillating Tool Kit, displaying the tool, its features, and a list of included accessories.

SETUP AND ASSEMBLY

Battery Installation:

Ensure the battery is fully charged before first use. Align the battery pack with the base of the tool and slide it in until it clicks securely into place.

Blade Installation/Removal:

The tool features a quick-change mechanism for accessories. To release or install a blade:

1. Locate the blade release lever/dial on the tool head.
2. Rotate the lever/dial in a **counter-clockwise** direction to open the head and release the blade.
3. Insert or remove the desired blade.
4. Rotate the lever/dial in a **clockwise** direction to lock the blade securely into place.

Caution: Do not force the lever/dial in the wrong direction, as this can damage the mechanism.

OPERATING INSTRUCTIONS

Powering On/Off:

To turn the tool on, slide the power switch to the "ON" position. To turn it off, slide the switch to the "OFF" position.

Adjusting Speed:

The tool is equipped with a variable speed dial, numbered 1 through 6, located on the side of the tool. This dial adjusts the oscillation rate:

- **Lowest Setting (1):** Approximately 11,000 oscillations per minute (OPM).
- **Highest Setting (6):** Approximately 20,000 oscillations per minute (OPM).

Rotate the dial to select the appropriate speed for your application. Lower speeds are suitable for delicate work or softer materials, while higher speeds are for more aggressive cutting or harder materials.

Using the Integrated LED Light:

The tool features an integrated LED light that illuminates the work area directly in front of the blade. This is particularly useful when working in dimly lit or confined spaces, such as attics or crawlspaces, ensuring clear visibility of your cutting or sanding path.

Applications:

This oscillating tool is highly versatile and can be used for a variety of tasks, including but not limited to:

- Cutting (e.g., wood, drywall, plastic, soft metals)
- Sanding (e.g., wood, paint removal)
- Grinding
- Scraping
- Removing grout
- Trimming door frames and moldings
- Working with flooring

MAINTENANCE

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

- **Cleaning:** Keep the tool's ventilation openings clean and free of debris. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners.
- **Blade Inspection:** Regularly inspect blades and accessories for wear or damage. Replace worn or dull blades to maintain cutting efficiency and safety.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose batteries to extreme temperatures or moisture. Follow the charging instructions provided with your charger.
- **Storage:** When not in use, store the tool and its accessories in the provided tool bag in a dry, secure location, out of reach of children.

TROUBLESHOOTING

If you encounter issues with your Kobalt Oscillating Tool, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly seated in the tool.
Blade not oscillating properly	Blade not securely locked or damaged blade.	Check blade installation (clockwise rotation to lock). Replace blade if damaged.
Tool overheating	Prolonged heavy use or blocked ventilation.	Allow tool to cool down. Clear any obstructions from ventilation slots. Reduce load during operation.
Excessive vibration	Improperly installed blade or worn accessory.	Re-check blade installation. Ensure accessory is compatible and in good condition.

For issues not covered here, please contact Kobalt customer support.

TECHNICAL SPECIFICATIONS

- **Model Number:** KMT 124B-03
- **Voltage:** 24 Volts Max
- **Power Source:** Battery Powered (Lithium Ion)
- **Oscillations Per Minute (OPM):** 11,000 - 20,000 (Variable Speed)
- **Oscillation Angle:** 1.8 degrees
- **Item Weight (Tool Only):** 4.41 pounds
- **Product Dimensions:** 13.7 x 7.36 x 4.76 inches
- **Special Features:** Cordless, Brushless Motor, Integrated LED Light
- **Manufacturer:** Partyreal

WARRANTY AND SUPPORT

This Kobalt product is backed by a **5-Year Limited Guarantee** (as seen on product box image). For detailed warranty information, claims, or technical support, please refer to the warranty card included in your kit or visit the official Kobalt website.

For additional assistance, you may contact Kobalt customer service or visit an authorized service center.