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› DEKOPRO 20V Cordless Drill Tool Kit Set Instruction Manual

DEKOPRO DKMT186

DEKOPRO 20V Cordless Drill Tool Kit Set Instruction Manual

Model: DKMT186

1. INTRODUCTION

Thank you for choosing the DEKOPRO 20V Cordless Drill Tool Kit Set. This comprehensive kit is designed for various home repair tasks, DIY projects, and furniture assembly. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool set. Please read it thoroughly before first use and retain it for future reference.



Figure 1: The DEKOPRO 20V Cordless Drill Tool Kit Set, including the drill, battery, charger, and various hand tools, all neatly arranged with its carrying case.

2. GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

2.1 Work Area Safety

- Keep the 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. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2.2 Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way.

- 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.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

2.3 Personal Safety

- Always wear eye protection. Use safety glasses, goggles, or a face shield.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.
- Stay alert, watch what you are doing, and use common sense when operating a power tool.

3. KIT COMPONENTS

The DEKOPRO 20V Cordless Drill Tool Kit Set includes a variety of tools for diverse applications. Please verify all components are present upon unpacking.



Figure 2: An overview of all tools included in the DEKOPRO 20V Cordless Drill Tool Kit Set, showcasing the drill, various screwdrivers, pliers, hammer, saw, tape measure, level, and an assortment of bits and sockets.

3.1 Main Components

- **20V Cordless Power Drill:** The primary drilling and driving tool.
- **1.5Ah Rechargeable Lithium-ion Battery:** Provides power to the drill.
- **Type-C Charger:** For recharging the drill battery.
- **Plastic Toolkit Case:** For organized storage and portability of all tools.

3.2 Hand Tools and Accessories

- Screwdrivers (various types and sizes)
- Saw
- Hex Keys
- Assorted Bits and Sockets
- Drive Spinner Handle
- Tape Measure
- Claw Hammer
- Hammer Cap
- Adjustable Wrench
- Level
- Pliers Set (various types)



Figure 3: Pliers Set



Figure 4: Screwdriver Bits



Figure 5: Hammer, Tape Measure, Level

4. SETUP AND ASSEMBLY

4.1 Charging the Battery

1. Ensure the battery is securely inserted into the charger.
2. Plug the Type-C charger into a standard electrical outlet.

3. Allow approximately 1.5 hours for a full charge. The battery can last for 1-3 hours of continuous use or 5-6 hours for normal household tasks.
4. Once charged, disconnect the charger and remove the battery.



Figure 6: The 20V battery pack being charged and the integrated LED worklight on the drill.

4.2 Attaching and Removing Drill Bits

1. Ensure the drill is switched off and the forward/reverse switch is in the center (locked) position.
2. Grip the rear part of the 3/8" keyless chuck and rotate the front part counter-clockwise to open the chuck jaws.
3. Insert the desired drill bit or screwdriver bit into the chuck, ensuring it is centered.
4. Rotate the front part of the chuck clockwise to tighten the jaws securely around the bit. Hand-tighten firmly.
5. To remove, reverse the process.



Figure 7: The 3/8" Keyless Chuck for quick bit changes.

5. OPERATING INSTRUCTIONS

5.1 Drill Features Overview

20V DRILL CORDLESS

3/8" KEYLESS CHUCK

2-SPEED GEAR SWITCH

**TORQUE
ADJUSTMENT RING**

**SPEED ON/OFF
CONTROL TRIGGER**

**FORWARD/
REVERSE SWITCH**

LED WORKLIGHT

**BATTERY PACK
RELEASE BUTTON**



**SCREWDRIVER BITS
+ MAGNETIC
EXTENSION BAR**

**BATTERY
PACK**

Figure 8: Key features of the DEKOPRO 20V Cordless Drill.

- **3/8" Keyless Chuck:** For quick and easy bit changes.
- **Torque Adjustment Ring:** Select from 18+1 torque settings for various materials and screw sizes.
- **2-Speed Gear Switch:**
 - Position 1 (Low Speed): For high torque applications like driving screws or drilling larger holes.
 - Position 2 (High Speed): For faster drilling in softer materials.
- **Speed On/Off Control Trigger:** Variable speed control based on pressure applied.
- **Forward/Reverse Switch:** Controls the rotation direction and locks the trigger when in the center position.
- **LED Worklight:** Illuminates the work area for improved visibility.
- **Battery Pack Release Button:** For detaching the battery from the drill.



Figure 9: The 2-speed gear switch for adjusting drill speed.

5.2 Drilling and Driving

1. **Select the appropriate bit:** Choose a drill bit suitable for the material (wood, metal, plastic) or a screwdriver bit for the fastener type.
2. **Adjust Torque Setting:** Rotate the torque adjustment ring to the desired setting. Lower settings are for driving screws to prevent over-tightening or stripping. Higher settings are for drilling or driving larger fasteners. The maximum torque is 40 N.m.
3. **Select Speed:** Use the 2-speed gear switch (1 for low speed/high torque, 2 for high speed/low torque).
4. **Set Rotation Direction:** Push the forward/reverse switch to the left for forward (drilling/driving) or to the right for reverse (removing screws). Ensure it's not in the center (locked) position.
5. **Start Operation:** Position the drill bit on the workpiece. Press the variable speed trigger gently to start at a low speed, then increase pressure for higher speed as needed. The LED worklight will activate when the trigger is pressed.
6. **Maintain Control:** Hold the drill firmly with both hands if necessary, especially for high torque applications.



Figure 10: Examples of drilling into wood, metal, and driving a screw.

6. MAINTENANCE

6.1 Cleaning

- Always disconnect the battery pack before performing any cleaning or maintenance.
- Use a clean, dry cloth to wipe down the tool. Do not use harsh chemicals or abrasive cleaners.
- Periodically clean the ventilation openings to prevent overheating.

- Clean the chuck jaws regularly to ensure proper grip on bits.

6.2 Battery Care

- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Do not store the battery completely discharged. Charge it periodically if not in use for extended periods.
- Do not attempt to open or modify the battery pack.

6.3 Storage

- Store the tool kit in its original plastic toolkit case to protect components from damage and loss.
- Keep the case in a dry, secure location out of reach of children.



Upgrade Storage Box

Tools are neatly stored in a sturdy tool box case that is compact and portable and good storage.

Figure 11: The durable storage box keeps all tools organized and protected.

7. TROUBLESHOOTING

If you encounter issues with your DEKOPRO 20V Cordless Drill Tool Kit, refer to the following common problems and

solutions:

Problem	Possible Cause	Solution
Drill does not start.	Battery is not charged or not properly inserted. Forward/reverse switch is in the locked (center) position.	Charge the battery fully and ensure it is securely attached. Move the forward/reverse switch to either forward or reverse position.
Loss of power during operation.	Battery is low on charge. Overload due to excessive pressure or incorrect torque setting.	Recharge the battery. Reduce pressure, adjust torque setting, or select a lower speed.
Bit slips in chuck.	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Ensure the chuck is hand-tightened firmly. Clean the bit shank or replace damaged bits.
Overheating of drill.	Continuous heavy use. Blocked ventilation openings.	Allow the drill to cool down. Clean ventilation openings. Avoid prolonged heavy use.

If the problem persists after attempting these solutions, please contact DEKOPRO customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	DKMT186
Brand	DEKOPRO
Voltage	20 Volts
Battery Type	Lithium Ion
Battery Capacity	1.5 Amp Hours
No-Load Speed	Up to 1350 RPM
Maximum Torque	40 N.m
Torque Settings	18+1
Chuck Size	3/8 inch Keyless
Power Source	Battery Powered
Item Weight	14.04 pounds (6.38 Kilograms)
Product Dimensions	0.79 x 0.79 x 0.79 inches (Note: This dimension may refer to a single component, not the entire kit.)

Feature	Detail
Included Components	20V Battery Power Drill, Screwdrivers, Saw, Hex Keys, Bits, Sockets, Drive Spinner Handle, Tape Measure, Claw Hammer, Hammer Cap, Adjustable Wrench, Level, Pliers Set, Plastic Toolkit Case

9. WARRANTY INFORMATION

Specific warranty details for the DEKOPRO 20V Cordless Drill Tool Kit Set are not provided in this manual. For information regarding warranty coverage, terms, and conditions, please refer to the product packaging, any included warranty cards, or contact DEKOPRO customer support directly.

10. CUSTOMER SUPPORT

For technical assistance, replacement parts, or any questions regarding your DEKOPRO 20V Cordless Drill Tool Kit Set, please contact DEKOPRO customer support. You may find contact information on the product packaging or by visiting the official DEKOPRO website.

DEKOPRO Store Link: [Visit the DEKOPRO Store on Amazon](#)

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