

NEWONE 100C03MKNW315

NEWONE 18V Cordless 5-in-1 Power Tool Combo Kit User Manual

Model: 100C03MKNW315

INTRODUCTION

Thank you for choosing the NEWONE 18V Cordless 5-in-1 Power Tool Combo Kit. This manual provides essential information for the safe operation, setup, maintenance, and troubleshooting of your new tool kit. Please read this manual thoroughly before using the product and keep it for future reference.

This kit includes a main power unit and five interchangeable attachments: an Impact Driver, a Drill, a Palm Sander, a Work Light, and a Circular Saw. It also comes with two batteries and a fast charger.

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 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.

Electrical Safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric

shock.

- 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.

Personal Safety

- Always wear eye protection. Use appropriate safety equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when necessary.
- 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. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.

Power 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.
- 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.
- Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.

Battery Tool Use and Care

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

PRODUCT COMPONENTS

Your NEWONE 5-in-1 Power Tool Combo Kit includes the following main components:

- Main Power Unit (Handle, Motor, Trigger, Locking Switch, Direction Switch, LED Light)
- 18V Lithium-Ion Batteries (2 included: 4000mAh and 2000mAh)
- Fast Charger
- Impact Driver Attachment
- Drill Attachment
- Palm Sander Attachment

- Work Light Attachment
- Circular Saw Attachment
- Carrying Bag

QUICK CONNECT SYSTEM



Figure 1: Main Power Unit and Drill Attachment Components. This image illustrates the key parts of the main power unit, including the trigger, handle, motor, locking switch, direction switch, battery unlock button, and LED light, with the drill attachment connected.



Figure 2: Complete Kit Contents. This image displays all components included in the kit: the LED light, circular saw, impact driver, drill, palm sander attachments, two batteries, charger, and the carrying bag.

SETUP AND ASSEMBLY

1. Charging the Battery

1. Connect the fast charger to a standard power outlet.
2. Slide the battery pack onto the charger until it clicks into place.
3. The charger indicator light will show the charging status. A full charge typically takes 1-2 hours.
4. Once fully charged, disconnect the battery from the charger.

Note: It is recommended to fully charge new batteries before first use to ensure optimal performance and lifespan.

2. Attaching a Tool Head

The NEWONE power tool features a patented quick-release system for easy attachment changes.

1. Ensure the main power unit is turned off and the battery is removed for safety.

2. Align the desired attachment (e.g., Drill, Impact Driver, Circular Saw) with the main power unit's connection point.
3. Push the attachment firmly onto the main unit until it clicks securely into place.
4. Rotate the locking knob on the motor to the locked position to ensure the attachment is firmly secured.

3. Removing a Tool Head

1. Ensure the main power unit is turned off and the battery is removed.
2. Rotate the locking knob on the motor to the unlocked position.
3. Press the quick-release button (if applicable) and pull the attachment away from the main unit.

4. Installing/Removing the Battery

1. To install: Align the battery pack with the base of the main power unit. Slide it in until it clicks securely.
2. To remove: Press the battery unlock button located on the battery pack and slide the battery out.



Figure 3: Quick Setup Guide. This image provides a visual step-by-step guide for attaching a tool head, securing it, inserting the battery, and starting the tool.

OPERATING INSTRUCTIONS

General Operation

1. Ensure the correct attachment is securely installed and the battery is fully charged and inserted.
2. Select the desired direction of rotation using the direction switch (forward/reverse).
3. Press the trigger to start the tool. The speed is typically variable based on trigger pressure.
4. Release the trigger to stop the tool.

Specific Attachment Operations

1. Drill Attachment

The drill attachment is used for drilling holes and driving screws. It has a maximum speed of 1300 RPM.

- **Changing Drill Bits:** Loosen the chuck by hand, insert the drill bit, and tighten the chuck firmly.
- **Drilling:** Apply steady, even pressure. For harder materials, use a slower speed.
- **Driving Screws:** Use appropriate screwdriver bits. Adjust clutch settings (if available on the drill head) to prevent over-driving screws.

2. Impact Driver Attachment

The impact driver is designed for driving screws and fasteners with high torque, up to 150 N·m, and a maximum speed of 2700 RPM.

- **Changing Bits:** Pull the collar forward, insert the hex shank bit, and release the collar to lock the bit in place.
- **Operation:** The impact mechanism engages when resistance is met, providing powerful rotational force.

3. Circular Saw Attachment

The circular saw attachment is for cutting wood and other materials. It has a no-load speed of 4500 RPM, a blade diameter of 85mm (3-3/8 inch), and a max cutting depth of 21mm (90°) or 14.8mm (45°).

- **Blade Installation:** Refer to the attachment's specific instructions for safe blade changes. Always ensure the blade is installed correctly and securely.
- **Cutting:** Set the desired cutting depth and angle. Ensure the workpiece is clamped securely. Guide the saw smoothly through the material, allowing the blade to do the work.
- **Safety:** Always wear appropriate eye protection and ensure guards are in place.

4. Palm Sander Attachment

The palm sander attachment is used for smoothing surfaces with a no-load speed of 10000 RPM.

- **Attaching Sandpaper:** Ensure the sander pad is clean. Align the sandpaper with the pad and press firmly to secure it (hook-and-loop system).
- **Sanding:** Move the sander in overlapping passes over the surface. Do not apply excessive pressure; let the sander do the work.

5. Work Light Attachment

The work light provides 300 lumens of illumination for dark work areas.

- **Operation:** Simply attach to the main unit and press the trigger to activate the light. It can be used independently of other tool functions.



Figure 4: Versatile Applications. This image demonstrates the various uses of the NEWONE 5-in-1 tool kit, including cutting, sanding, driving screws, drilling, and providing illumination.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your NEWONE power tools.

Cleaning

- Always disconnect the battery before cleaning.
- Use a clean, damp cloth to wipe down the tool's exterior. Do not use harsh chemicals or abrasive cleaners.
- Clear dust and debris from ventilation openings using compressed air or a soft brush.
- For attachments like the sander, regularly clean the sanding pad and remove any accumulated dust.

Storage

- Store the tool kit and accessories in a dry, secure location, away from direct sunlight and extreme temperatures.
- Use the provided carrying bag for organized storage and transport.
- Ensure batteries are partially charged (around 50%) before long-term storage to preserve their lifespan.

Battery Care

- Do not store batteries in a discharged state. Recharge them periodically if not used for extended periods.
- Avoid exposing batteries to water or extreme heat.
- If a battery is damaged or no longer holds a charge, dispose of it responsibly according to local regulations.

TROUBLESHOOTING

This section addresses common issues you might encounter with your NEWONE power tool kit.

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or improperly inserted. Attachment not securely locked. Tool malfunction.	Ensure battery is fully charged and correctly inserted. Check that the attachment is fully seated and the locking knob is engaged. If problem persists, contact customer support.
Reduced power or short run time.	Battery not fully charged. Battery nearing end of life. Overload.	Recharge the battery fully. Consider replacing the battery. Reduce load on the tool; avoid forcing it.
Attachment wobbles or detaches.	Attachment not properly secured. Locking mechanism issue.	Ensure the attachment is fully clicked into place and the locking knob is rotated to the locked position. Inspect the locking mechanism for damage.
Excessive vibration or noise.	Loose components. Damaged attachment/bit. Overload.	Check all connections and ensure bits/blades are properly installed. Replace damaged accessories. Reduce load.

If you encounter a problem not listed here or if the suggested solutions do not resolve the issue, please contact NEWONE customer support.

SPECIFICATIONS

Below are the technical specifications for the NEWONE 18V Cordless 5-in-1 Power Tool Combo Kit.

Feature	Specification
Brand	NEWONE

Feature	Specification
Model Number	100C03MKNW315
Voltage	18 Volts
Power Source	Battery Powered (AC charger)
Battery Type	Lithium-Ion
Battery Capacity	1x 4000mAh, 1x 2000mAh
Charging Time	1-2 Hours (Fast Charger)
Item Weight	Approximately 11.07 Pounds (total kit)
Motor Speed (Main Unit)	Up to 21,000 RPM (Brushless design)
Impact Driver Attachment	
Max Speed	2700 RPM
Max Torque	150 N·m
Drill Attachment	
Max Speed	1300 RPM
Palm Sander Attachment	
No Load Speed	10000 RPM
Work Light Attachment	
Luminosity	300 Lumens
Circular Saw Attachment	
No Load Speed	4500 RPM
Blade Diameter	85mm (3-3/8 inch)
Max Cutting Depth (90°)	21mm
Max Cutting Depth (45°)	14.8mm

Powerful Motor & High-Capacity Battery



Figure 5: Motor and Battery Details. This image illustrates the powerful motor and the high-capacity battery system, detailing battery capacities, charging time, and typical working duration.

WARRANTY AND SUPPORT

NEWONE products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official NEWONE website. For technical support, replacement parts, or service inquiries, please contact NEWONE customer service. You can often find contact information on the product packaging or the brand's official website. Visit the official NEWONE Store for more products and support: [NEWONE Store on Amazon](#)