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› TEENO Cordless Angle Grinder 2 x 4.0 Ah - 125mm Discs User Manual

TEENO angle grinder

TEENO Cordless Angle Grinder 2 x 4.0 Ah - 125mm Discs User Manual

Model: angle grinder | Brand: TEENO

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your TEENO Cordless Angle Grinder. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

SAFETY INSTRUCTIONS

Always follow basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury.

- **Wear Personal Protective Equipment (PPE):** Always wear safety goggles, hearing protection, gloves, and a dust mask.
- **Work Area Safety:** Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **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 Safety:** Use only the charger specified by the manufacturer. Do not use damaged battery packs or tools.
- **Kickback Prevention:** Always maintain a firm grip on the tool. Be aware of potential kickback when the disc binds or snags.

PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking:

- 1 x TEENO Cordless Angle Grinder
- 2 x 21V 4.0Ah Lithium-Ion Batteries
- 1 x Rapid Charger
- 8 x Cutting Discs

- 4 x Oscillating Discs
- 5 x Sanding Papers
- 2 x Wrenches
- 1 x Auxiliary Handle
- 1 x Pair of Gloves
- 1 x Pair of Safety Glasses
- 1 x Tool Bag
- 1 x Grinding Disc Cover

PRODUCT FEATURES AND COMPONENTS

Familiarize yourself with the main parts of your angle grinder:



PRODUCT PARAMETERS	
VOLTAGE:	21V
SPEED:	0-4500/0-6500/0-9100RPM
MAXIMUM OUTPUT POWER:	1000W
GRINDING WHEEL DIAMETER:	100/125MM
WEIGHT:	3.2KG(GROSS WEIGHT)

Image: Overview of the TEENO Cordless Angle Grinder, highlighting key components such as the speed switch, LED light switch, digital display, and LED work light.

- **Brushless Motor:** Provides high performance, longer lifespan, and reduced noise.
- **Speed Switch Button:** Adjusts the rotational speed of the disc.
- **LED Light Switch Button:** Activates the integrated LED work light.
- **Display Screen (SPD/AUTO):** Shows the current speed setting and operating status.
- **LED Work Light:** Illuminates the work area for better visibility.
- **Electronic Battery Protection (ECP):** Prevents overcharging, overheating, and deep discharge of the battery.



Image: Illustration of the three distinct speed settings available on the angle grinder: Low (4500 RPM), Middle (6500 RPM), and Maximum (9100 RPM).

- **Three Speed Settings:** 0-4500 RPM, 0-6500 RPM, 0-9100 RPM for versatile applications.

SETUP

1. Battery Installation and Charging

Ensure the battery is fully charged before first use.

1. Insert the 21V 4.0Ah lithium-ion battery into the rapid charger.
2. Plug the charger into a suitable power outlet. The indicator light on the charger will show the charging status.
3. Once fully charged, remove the battery from the charger.
4. Align the charged battery with the battery slot on the angle grinder and slide it in until it clicks securely into place.

UPGRADE 4.0Ah CAPACITY BATTERY



DIGITAL DISPLAY:

DISPLAYS THE SPECIFIC ROTATIONAL SPEED, YOU CAN UNDERSTAND THE CURRENT SPEED AND RUNNING STATUS OF THE MACHINE

 **WORKING TIME**

 **BATTERY POWER**



Image: Close-up of the 4.0Ah battery and the digital display on the grinder, which indicates battery level and current speed.

The digital display on the grinder shows the specific rotational speed and the current battery status, allowing you to monitor performance and charge level.

2. Disc Installation

Always ensure the tool is switched off and the battery is removed before changing discs.

LOCK-ON SWITCH WITHOUT CONTINUOUS PRESSURE



SPINDLE LOCK QUICK WHEEL CHANGING



2-POSITION HANDLE RIGHT-HANDED & LEFT-HANDED



Image: Demonstrates the lock-on switch for continuous operation, the spindle lock mechanism for easy disc changes, and the adjustable 2-position handle.

1. Press and hold the **Spindle Lock** button to prevent the spindle from rotating.
2. Use the provided wrench to loosen the outer flange nut counter-clockwise.
3. Remove the outer flange nut and the old disc (if any).
4. Place the new 125mm cutting or grinding disc onto the inner flange, ensuring it is centered.
5. Replace the outer flange nut and tighten it clockwise with the wrench while holding the spindle lock. Do not overtighten.
6. Adjust the grinding disc cover for optimal protection, ensuring it is securely fastened.

3. Handle Adjustment

The auxiliary handle can be positioned for comfortable right-handed or left-handed use.

1. Screw the auxiliary handle into one of the two threaded holes on the gear housing.
2. Tighten the handle firmly to ensure stability during operation.

OPERATING INSTRUCTIONS

1. Power On/Off

- To turn on the grinder, slide the **Lock-On Switch** forward. For continuous operation, push the switch fully forward and press the front part down.
- To turn off, release the switch. If locked on, press the rear part of the switch to release it.

2. Speed Adjustment

The grinder features three speed settings for different applications.

- Press the **Speed Switch Button** repeatedly to cycle through the available speeds: 4500 RPM (Low), 6500 RPM (Middle), and 9100 RPM (Maximum).
- The digital display will indicate the selected speed. Choose a lower speed for delicate work and higher speeds for aggressive cutting or grinding.

3. Applications

The TEENO Cordless Angle Grinder is suitable for various tasks:

MULTI-SCENE APPLICATION

METAL CUTTING



METAL GRINDING



CUTTING REBAR



CUTTING WOOD



Image: Collage demonstrating the versatility of the angle grinder for tasks such as metal cutting, metal grinding, rebar cutting, and wood cutting.

- **Metal Cutting:** Use appropriate cutting discs for various metal types.
- **Metal Grinding:** Ideal for smoothing welds, removing burrs, and shaping metal.
- **Rust Removal:** Attach a wire brush disc for effective rust and paint removal.
- **Tile/Concrete Cutting:** Use specialized diamond cutting discs for masonry materials.
- **Wood Cutting:** Exercise extreme caution and use appropriate wood-cutting discs designed for angle grinders, if applicable and safe for the specific task.

Always ensure the correct disc type is used for the material being worked on and that the disc is rated for the grinder's maximum RPM.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your angle grinder.

- **Cleaning:** Keep the tool's ventilation openings clean to prevent overheating. Use a soft brush or compressed air to

remove dust and debris.

- **Disc Inspection:** Regularly inspect discs for wear, cracks, or damage. Replace worn or damaged discs immediately.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight. Do not store fully discharged batteries for extended periods.
- **General Inspection:** Check all screws and fasteners periodically for tightness. Tighten any loose components.
- **Storage:** Store the angle grinder and its accessories in the provided tool bag in a dry, secure location out of reach of children.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Grinder does not start.	Battery not inserted correctly or discharged.	Ensure battery is fully charged and securely inserted.
Reduced power or speed.	Low battery charge; incorrect speed setting for task.	Recharge battery; select a higher speed setting.
Excessive vibration.	Damaged or improperly installed disc; loose components.	Inspect and replace disc if damaged. Ensure disc and handle are securely fastened.
Overheating.	Blocked ventilation slots; continuous heavy use.	Clean ventilation slots. Allow tool to cool down during prolonged use.

SPECIFICATIONS

Feature	Detail
Brand	TEENO
Model Number	angle grinder
Voltage	21 Volts
Battery Type	Lithium-Ion (2 x 4.0 Ah included)
Maximum Rotational Speed	9100 RPM (3 speed settings: 4500/6500/9100 RPM)
Maximum Output Power	1000 Watts
Grinding Wheel Diameter	100/125 mm
Material	Plastic and Metal
Product Dimensions (L x W x H)	35 x 27 x 15 cm
Item Weight	5.1 Kilograms
UPC	755752013791

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official TEENO website. Keep your proof of purchase for any warranty claims.

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