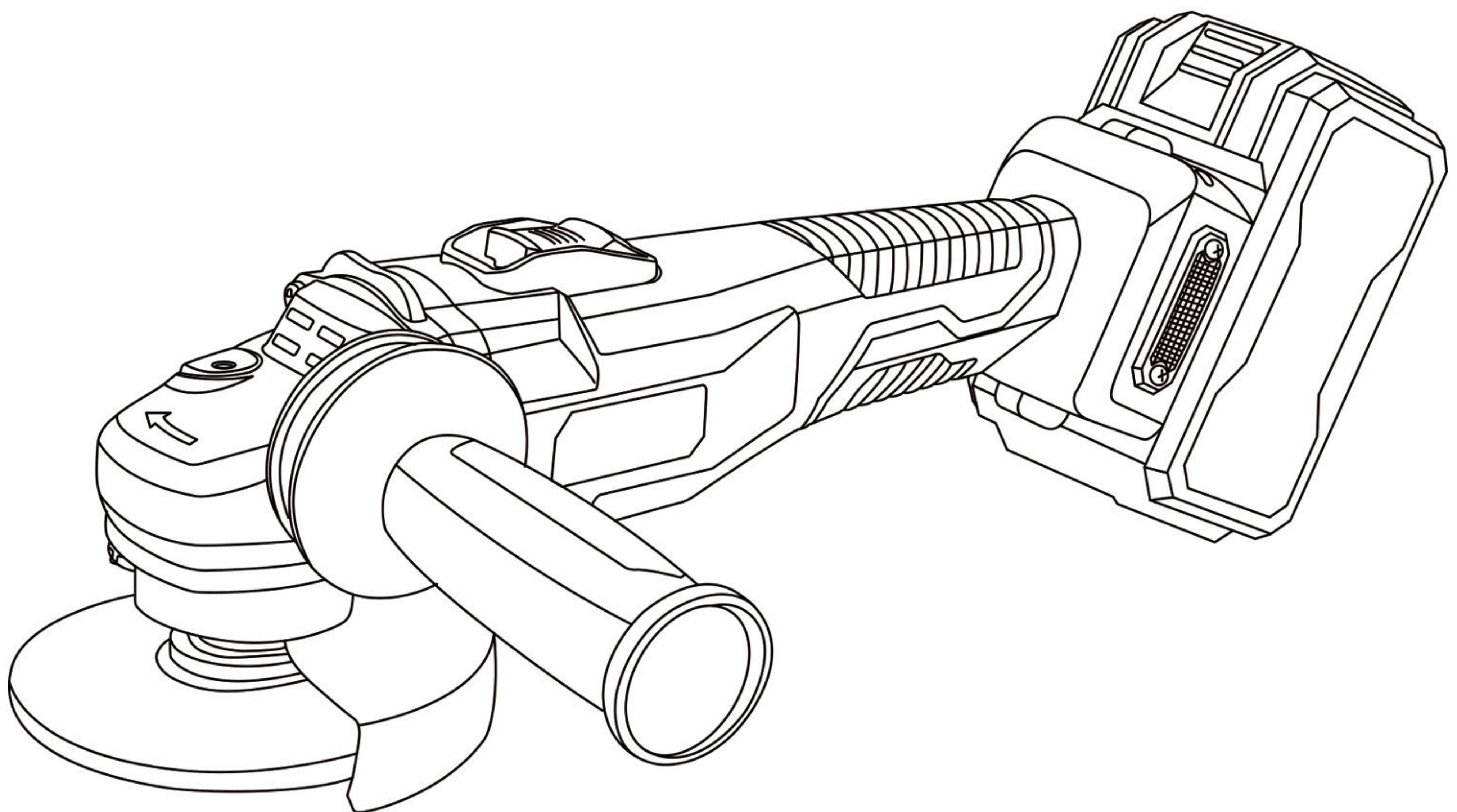


KIMO

INSTRUCTION MANUAL



MODEL 7601

20V Max Brushless Angle Grinder

www.kimotool.com

If you have questions or comments, contact us at



service@kimotool.com



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IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS OR ANY KIMO TOOL, EMAIL US AT:

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General Safty Rules - For All Tools



WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS!

WORK AREA

- **Keep your work area clean and well lit.** Cluttered benches and 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 bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Don't expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.

- **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothing, jewelry, or long hair can be caught in moving parts. Air vents often cover moving parts and should also be avoided.
- **Avoid accidental starting. Be sure switch is off before plugging in.** Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents.
- **Remove adjusting keys or wrenches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enable better control of the tool in unexpected situations.
- **Use safety equipment . Always wear eye protection.** Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

TOOL USE AND CARE

- **Use clamps or other practical way to secure and support the work piece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.
- **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
- **Do not use tool if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.

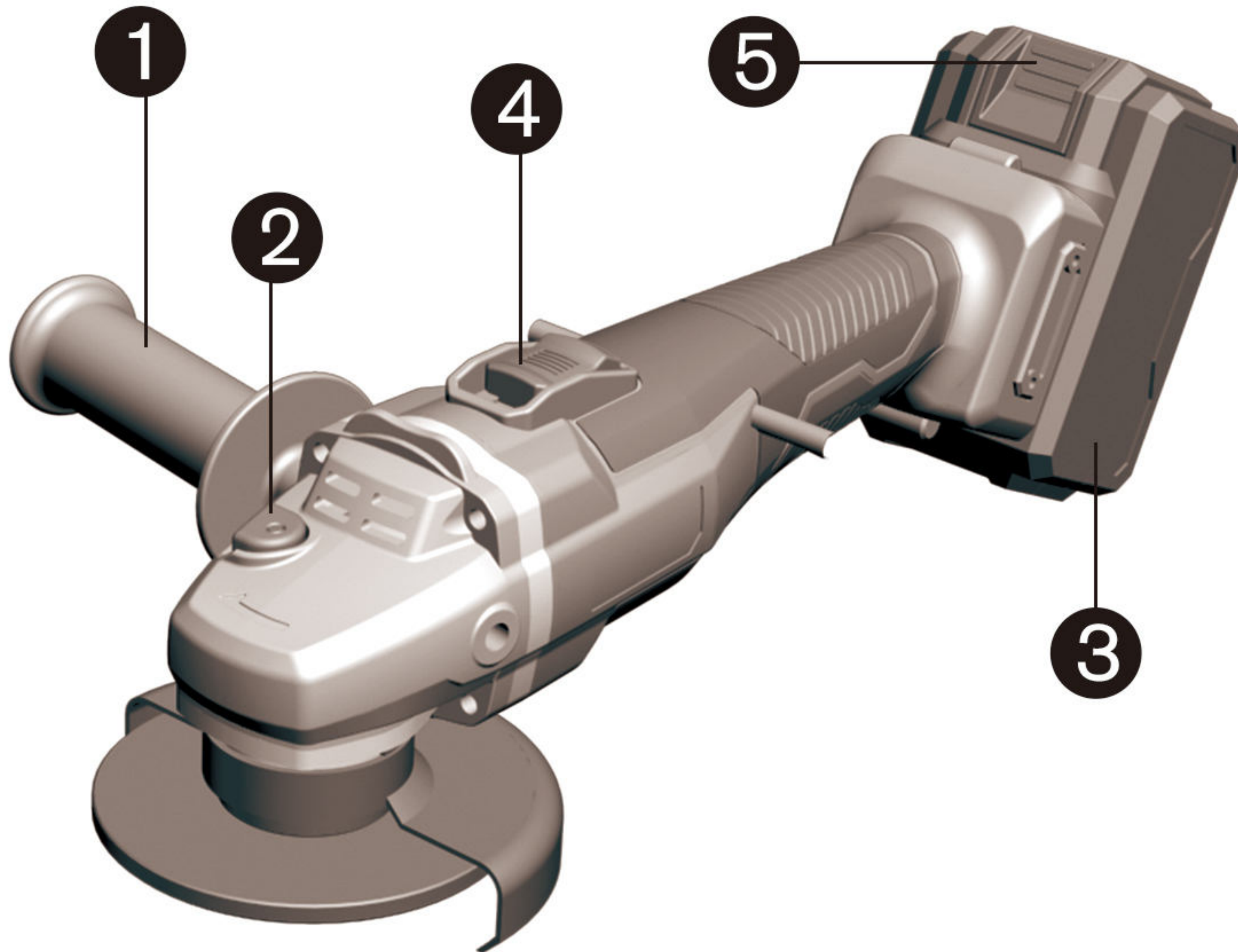
- **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
- **Maintain tools with care.** Keep cutting tools sharp and clean. Properly maintained tools, with sharp cutting edges are less likely to bind and are easier to control.
- **Check for misalignment or binding of moving parts, break-age of parts, and any other condition that may affect the tool's operation.** If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
- **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool, may become hazardous when used on another tool.

ADDITIONAL SPECIFIC SAFETY INSTRUCTIONS FOR ANGLE GRINDER

- **Always use proper guard with grinding wheel.** A guard protects operator from broken wheel fragments and wheel contact.
- **Accessories must be rated for at least the speed recommended on the tool warning label.** Wheels and other accessories running over rated speed can fly apart and cause injury. Accessory ratings must be above listed minimum wheel speed as shown on tool nameplate.
- **ALWAYS WEAR EYE PROTECTION WHEN USING THIS TOOL.**
- **Use of accessories not specified in this manual is not recommended and may be hazardous.** Use of power boosters that would cause the tool to be driven at speeds greater than its rated speed constitutes misuse.
- **Do not use circular saw blades or any other toothed blades with this tool. Serious injury may result.**

- **When starting the tool with a new or replacement wheel, hold the tool in a well protected area and let it run for one minute.** If the wheel has an undetected crack or flaw, it should burst in less than one minute. If the wire brush has loose wires, they will be detected. Never start the tool with a person in line with the wheel. This includes the operator.
- **Avoid bouncing the wheel or giving it rough treatment.** If this occurs, stop the tool and inspect the wheel for cracks or flaws.
- **Direct sparks away from operator, bystanders or flammable materials.** Sparks may be produced while cutting and/or grinding. Sparks may cause burns or start fires.
- **Always use side handle.** Tighten the handle securely. The side handle should always be used to maintain control of the tool at all times.
- **Never cut into area that may contain electrical wiring or piping. Serious injury may result.**
- **Clean out your tool often, especially after heavy use.** Dust and grit containing metal particles often accumulate on interior surfaces and could create an electric shock hazard.
- **Do not operate this tool for long periods of time.** Vibration caused by the operating action of this tool may cause permanent injury to fingers, hands, and arms. Use gloves to provide extra cushion, take frequent rest periods, and limit daily time of use.

COMPONENTS AND SPECIFICATIONS



- | | |
|--------------------------------|-------------------------|
| 1. Side Handle | 4. Slider Switch |
| 2. Spindle Lock | 5. Battery Slide Button |
| 3. 20v Max Lithium-Ion Battery | |

SPECIFICATIONS

Model	7601
Wheel Diameter	4-1/2"(115 mm)
Rated Speed/No Load Speed	9000 Revolutions/Minute
Rated Battery Voltage	20V
Weight (Bare Tool)	3.9 lbs
Weight (Tool + Battery)	5.3 lbs

SPECIFIC INSTRUCTIONS

SETTING THE DEPTH GAUGE



WARNING: Before connecting the tool to a power supply, make sure the slider switch(4) is in the off position by pressing the rear part of the switch and releasing. Ensure the switch is in the off position as described above after any interruption in power supply to the tool, such as the activation of a ground fault interrupter, throwing of a circuit breaker, accidental unplugging, or power failure. If the switch is locked on when the power is connected, the tool will start unexpectedly.

To start the tool, slide the slider switch(4) toward the front of the tool. To stop the tool, release the slider switch.

For continuous operation, slide the slider switch toward the front of the tool and press the forward part of the slider switch inward. **To stop the tool while operating in continuous mode,** press the rear part of the switch and release.

To stop the tool while operating in continuous mode, press the rear part of the switch and release.

SPINDLE LOCK

The spindle lock is provided to prevent the spindle from rotating when installing or removing wheels. Operate the spindle lock only when the tool is turned off, unplugged from the power supply, and has come to a complete stop. Do not engage the spindle lock while the tool is operating because damage to the tool will result. To engage the lock, depress the spindle lock button and rotate the spindle until you are unable to rotate the spindle further.

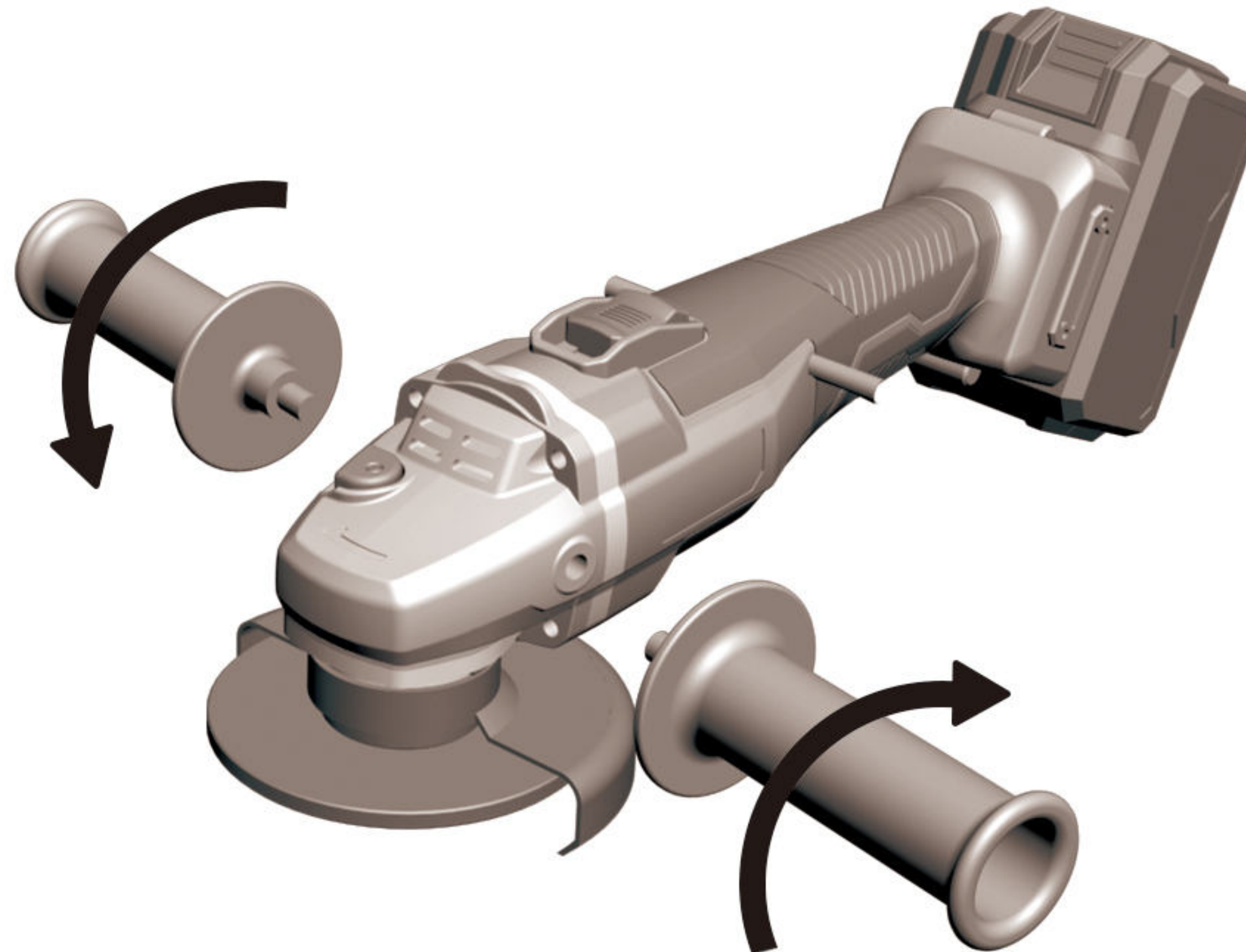
INSTALLING SIDE HANDLE



WARNING:

- **Always make sure that the side handle is installed securely before operation.**

A. Screw the side handle securely on either side of the tool as shown in the figure.



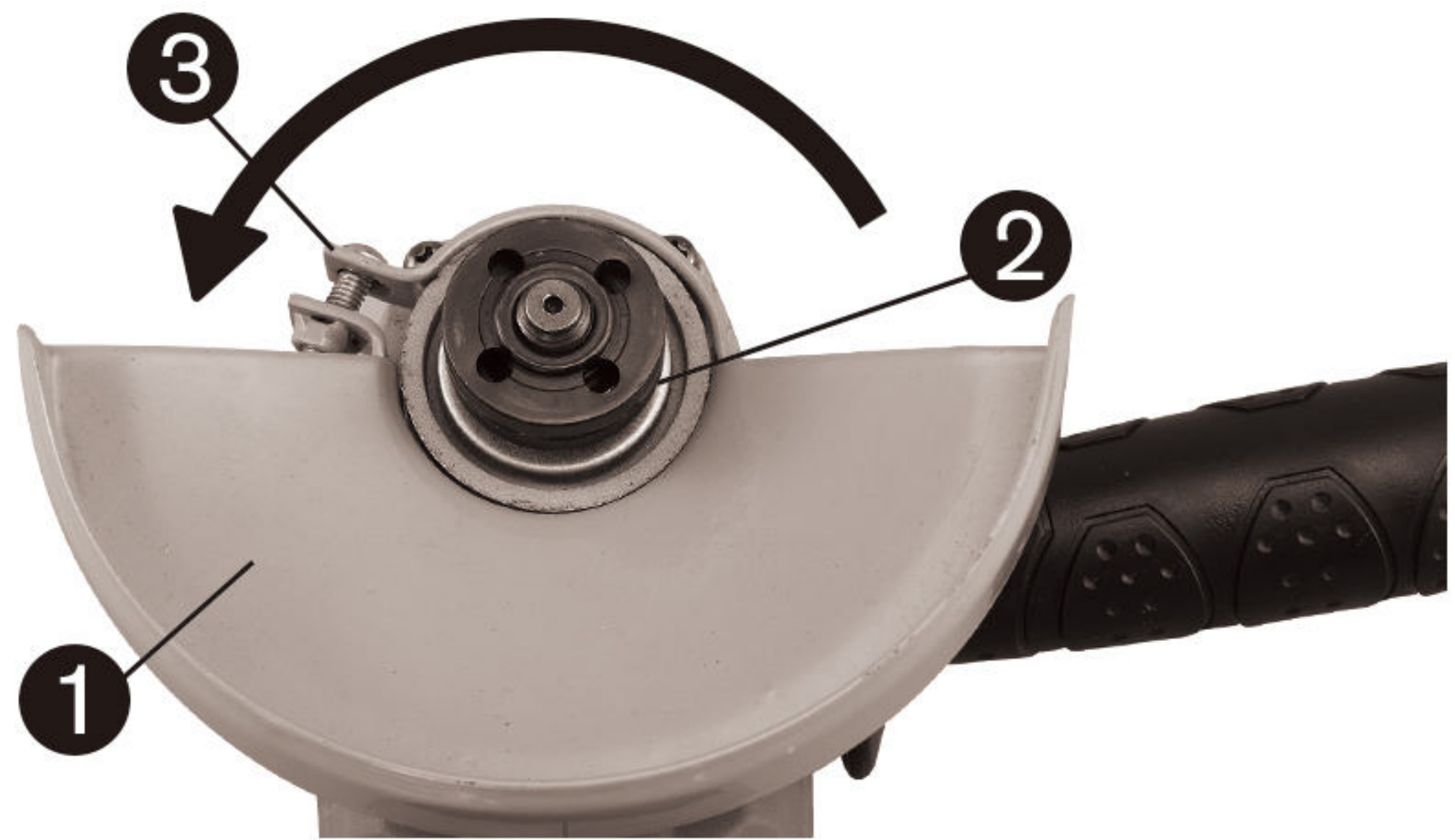
INSTALLING OR REMOVING WHEEL GUARD

WARNING:

- When using a depressed center grinding wheel / Multi-disc, wire wheel brush, cut-off wheel or diamond wheel, the wheel guard must be fitted on the tool so that the closed side of the guard always points toward the operator.
- When using an abrasive cut-off / diamond wheel, be sure to use only the special wheel guard designed for use with cut-off wheels.

- A. Mount the wheel guard with the protrusions on the wheel guard band aligned with the notches on the bearing box.
- B. Rotate the wheel guard around 180° counterclockwise.
- C. Tighten the screw securely.
- D. To remove wheel guard, follow the installation procedure in reverse.

- 1.Wheel Guard
- 2.Bearing Box
- 3.Screw

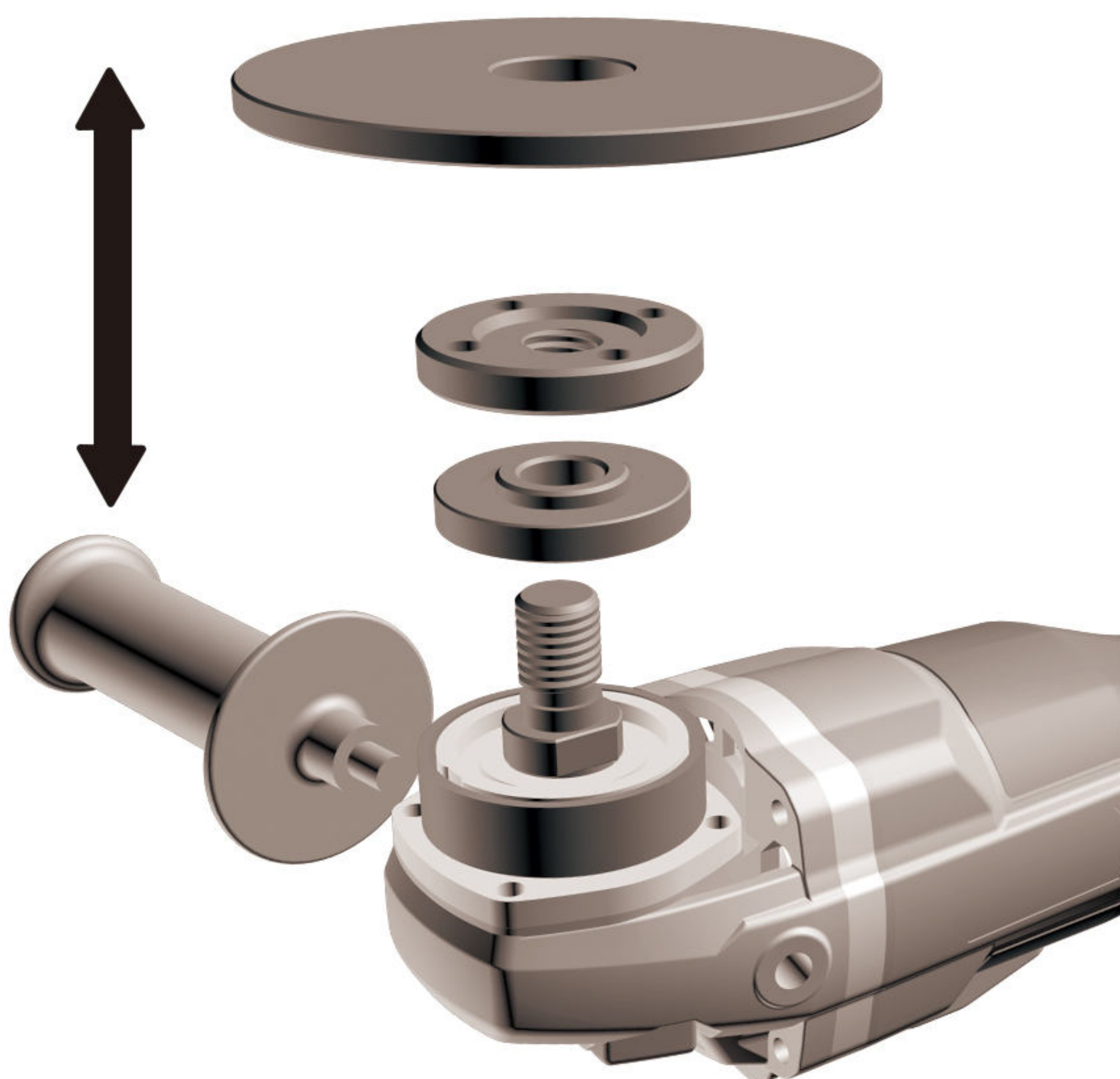


INSTALLING OR REMOVING WHEEL



WARNING: Always remove battery pack before changing or removing accessories.






- A. Remove the battery pack. **WARNING!** Always remove battery pack before changing or removing accessories.
- B. Properly position the guard.
- C. Wipe the flange, flange nut and spindle to remove dust and debris. Inspect the parts for damage. Replace if needed.



- D. Place the flange on spindle, as shown.
- E. Place the selected wheel on the spindle and align it with the flange.
- F. Position the flange nut over the spindle according to wheel thickness.
- G. Press in the spindle lock button while turning the flange nut clockwise. Tighten securely.
- H. To remove wheel, remove the battery pack and reverse the procedure.

BATTERY LED INDICATOR

KIMO battery packs include a fuel gauge which consists of four LED lights that indicate the level of charge remaining in the battery pack. The fuel gauge is an indication of approximate levels of charge remaining in the battery pack according to the following indicators:

Remaining Capacity	Indicator Lights	
≤ 20%		Red Light Flashing
20% — 40%		Red Light ON
40% — 60%		Red & Yellow Lights ON
60% — 80%		Red & Yellow & Green Lights ON
80% — 100%		All Lights ON

NOTE: 1. Tap the battery indicator button to see the remaining power
2. During charging, all 4 lights will blink in sequence and will automatically shut off after the battery is fully charged.

CHARGER INDICATOR

Green Light On	Red Light On	Red Light Flashing
Charged	Charging	Hot/Cold Delay

NOTE: 1. It will take estimated 3 hours to fully charge a KIMO 4.0Ah KIMO Li-ion Battery.
2. It will take estimated 2 hours to fully charge a KIMO 2.0Ah KIMO Li-ion Battery.

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CARTRIDGE

1. Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.

3.If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.

4.If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.

5.Do not short the battery cartridge:

(1)Do not touch the terminals with any conductive material.

(2)Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.

(3)Do not expose battery cartridge to water or rain.

A battery short can cause a large current flow, overheating, possible burns and even a breakdown.

6.Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 122°F.

7.Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.

8.Be careful not to drop or strike battery.

9.Do not use a damaged battery.

10.Follow your local regulations relating to disposal of battery.

FOR BATTERY CARTRIDGE

Problems	Probable Causes	Solutions
Immediate shut down after start up	Battery running out of power	Replace/recharge battery and restart
Accidental Pause During Usage	System detects overuse of the tool, triggers protection mechanism	Reduce the usage of grinding or cutting
Protection Mechanism won't stop	Used other KIMO Batteries	Use Recommended KIMO Battery only

TROUBLE SHOOTING

Problems		Actions
No Power	Appliance not working.	<ol style="list-style-type: none"> 1. Check the battery to ensure that they are fitted properly. 2. Check battery power by the battery indicator light. Recharge the battery if necessary. 3. It can be a sign that the motor is overload and overheat, caused working/pushing too hard. Let the angle grinder cool down itself for about 15 minutes. Any more problems, please contact our customer service directly via service@kimotools.com
Slow Revolutions	The wheel becomes stiff or loose enough to prevent it from spinning properly.	<ol style="list-style-type: none"> 1. Check how the nut is attached to the center spindle that holds the main wheel. Use a pair of pliers or a wrench to tighten it if it is loose. 2. Clean the components of the center spindle if required and use a little lubricating oil to keep it moving.
Smoke	Notice smoke arising from the grinder.	<ol style="list-style-type: none"> 1. This could be caused by the wheel becoming clogged due to a build-up of debris and rust. Immediately switch it off and disconnect it from the power supply. 2. Remove the wheel from the spindle to give you access and clean all the components before trying it again. 3. You need to ensure that the size and type of disc attached to the grinder is the correct one for the task.
Noise	Appliance makes a different or louder noise than it normally does.	<ol style="list-style-type: none"> 1. It can be a sign that it is working too hard. Make sure don't force the appliance to hard and don't leave the appliance struggling.
Heat	Notice smoke arising from the grinder.	<ol style="list-style-type: none"> 1. If the heat has come about after using the appliance for a significant period of time, turn off the appliance and rest it for a while. 2. Check how quickly it cools down and whether the same level of heat comes from using it for a short period. 3. Check the motor to ensure there is not a fault with it. Any more problems, please contact our customer service directly via service@kimotools.com
Slide Button	The switch button always sticks.	<ol style="list-style-type: none"> 1. To start the appliance, slide the slider switch toward the front of the tool. To stop the tool, release the slider switch. 2. For continuous operation, slide the switch toward the front of the tool and press the forward part of the slider switch inward. To stop the tool while operating in continuous mode, press the rear part of the switch and release. Any more problems, please contact our customer service directly via service@kimotools.com

WARRANTY

Every KIMO power tool is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, KIMO will replace any part on an electric power tool that is defective in material or workmanship for a period of 2 years after the date of purchase unless otherwise noted. This warranty does not apply to damage from repairs made or attempted by anyone other than KIMO, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

Normal Wear: Many power tools need periodic parts replacement and service to achieve best performance. This warranty does not cover repair when normal use has exhausted the life of a part including, but not limited to, chucks, brushes, cords, saw shoes, blade clamps, o-rings, seals and driver blades.

Warranty Registration is not necessary to obtain the applicable warranty on a KIMO power tool product.

This warranty applies to product sold in the U.S.A. only.

If you have questions or comments, contact us at

✉ : **service@kimotool.com**

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EXTENDED WARRANTY REGISTRATION

Dear Customer,

Thank you very much for choosing KIMO. At KIMO, customer satisfaction is our highest priority. In order to provide the best services, we would like to offer you an extra 6-month limited warranty. Below is the free registration process.

To register our extended warranty for your KIMO product, please send your name, your email AND your Amazon order number to **service@kimotool.com**. Our customer services representative will help you register within 24 hours.

Disclaimer: This policy is at the manufacturer's discretion.

Best Regards,
KIMO Customer Support