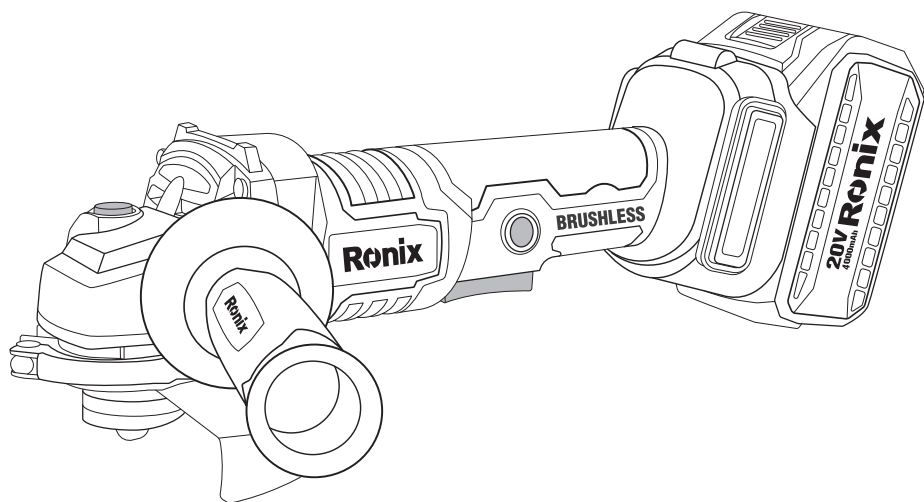


Ronix[®]

Premium Quality

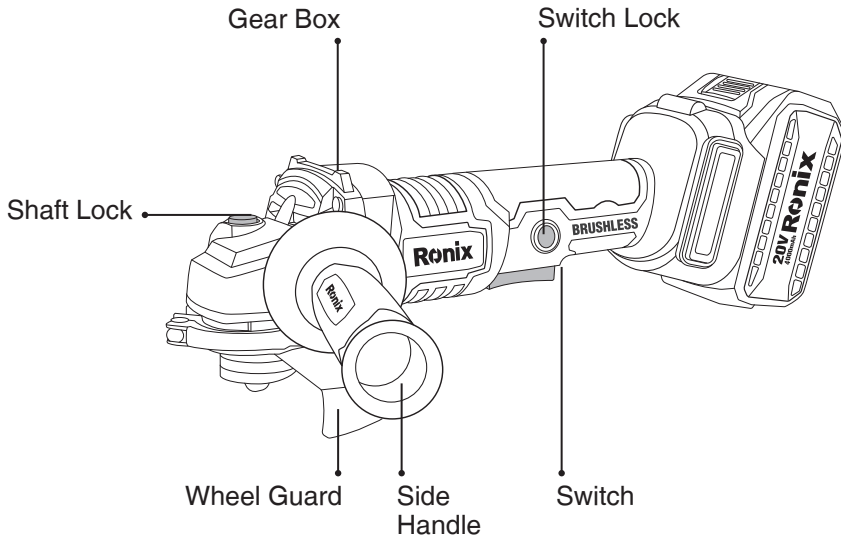
BRUSHLESS ANGLE GRINDER KIT 20V 8657



TECHNICAL SPECIFICATIONS

Model	8657
Power Source	20V
Battery	20V/4000mAh
Battery Chemstry	Lithium Battery
No Load RPM	8500RPM
Disc Diameter	125mm
Material	Aluminium,Steel and Nylon
Continues Working	45min
Weight	4.16Kg
Include	1pc Side Handle 1pc Protect Guard 1pc Spanner 2pcs Battery 1pc Charger

PART LIST



GENERAL POWER TOOL SAFETY WARNINGS

WARNING!

- Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and or serious injury.
- Save all warnings and instructions for future reference.

■ **WORK AREA SAFETY**

- Keep work area clean and well lit. Cluttered 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 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.)
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tools in a damp location is unavoidable, use a residual current device (RCD protected supply. Use of an RCD reduces 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 a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in

serious personal injury.

- Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

■ POWER TOOL USE AND CARE

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- 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. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or binding of moving

parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

■SERVICE

- Have your power tool serviced by qualified repair person using only identical replacement parts. This will ensure that the safety of power tool is maintained.
- Keep handles dry, clean and free from oil and grease.

■SPECIFIC SAFETY RULES

- Always use proper guard with grinding wheel. A guard protects operator from broken wheel fragments.
- 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.
- Hold tool by insulated gripping surfaces when performing an operation where the grinding tool may contact hidden wiring or its own cord. Contact with a “live” wire will make exposed metal parts of the tool “live” and shock the operator.
- When using depressed center grinding wheels, be sure to use only fiberglass reinforced wheels.
- Always use safety glasses or goggles. Ordinary eye or sun glasses are NOT safety glasses.
- Check the wheel carefully for cracks or damage before operation. Replace cracked or damaged wheel immediately. Run the tool (with guard) at no load for about a minute, holding tool away from others. If wheel is flawed, it will likely separate during this test.
- Use only flanges specified for this tool.

- Be careful not to damage the spindle, the flange (especially installing surface) and the lock nut. Damage to these parts could result in wheel breakage.
- NEVER use tool with wood cutting blades or other saw blades. Such blades when used on a grinder frequently kick and cause loss of control leading to personal injury.
- Hold the tool firmly.
- Keep hands away from rotating parts.
- Make sure the wheel is not contacting the work piece before the switch is turned on.
- Before using the tool on an actual work piece, let it run for a while. Watch for vibration or wobbling that could indicate poor installation or a poorly balanced wheel.
- Use the specified surface of the wheel to perform the grinding.
- Watch out for flying sparks. Hold the tool so that sparks fly away from you and other persons or flammable materials.
- Do not leave the tool running. Operate the tool only when hand held.
- Do not touch the work piece immediately after operation; it may be extremely hot and could burn your skin.
- ALWAYS wear proper apparel including long sleeve shirts, leather gloves and shop aprons to protect skin from contact with hot grindings.
- Use of this tool to grind or sand some products, paints and wood could expose user to dust containing hazardous substances. Use appropriate respiratory protection.

FUNCTIONAL DESCRIPTION

CAUTION!

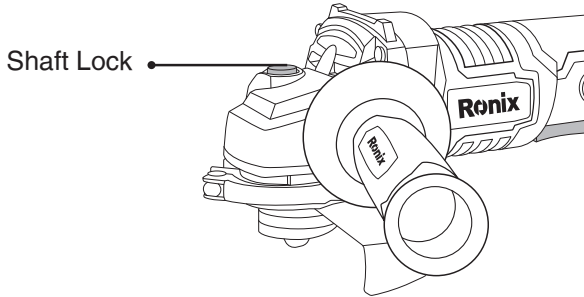
Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

CAUTION!

- Never actuate the shaft lock when the spindle is moving.

Or the tool may be damaged.

- Press the shaft lock to prevent spindle rotation when installing or removing accessories.



ASSEMBLY

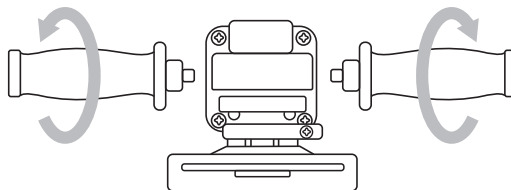
⚠ CAUTION!

Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

INSTALLING SIDE GRIP (HANDLE)

⚠ CAUTION!

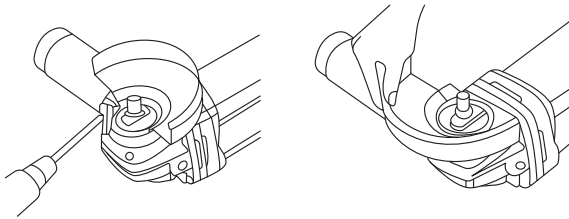
- Always be sure that the side grip is installed securely before operation.
- Screw the side grip securely on the position of the tool as shown in the figure.



INSTALLING OR REMOVING WHEEL GUARD

⚠ CAUTION!

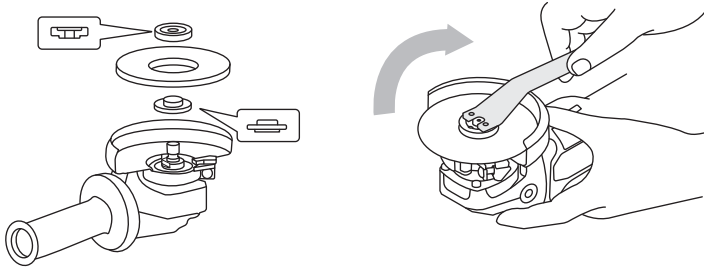
- When using a depressed center grinding wheel/Multi-disc, flex wheel, wire wheel brush, cut off wheel or diamond wheel, the wheel guard must be fitted on the tool so that the closed side of the guard always points toward the operator.
- Mount the wheel guard with the protrusion on the wheel guard band aligned with the notch on the bearing box. Then rotate the wheel guard around 180°degrees. Be sure to tighten the screw securely. To remove wheel guard, follow the installation procedure in reverse.



INSTALLING OR REMOVING DEPRESSED CENTER GRINDING WHEEL / MULTI DISC

⚠ WARNING!

- Always use supplied guard when depressed center grinding wheel/ 10 IMPACT DRILL 13MM Multi disc is on tool. Wheel can shatter during use and guard helps to reduce chances of personal injury.
 - Mount the inner flange onto the spindle. Fit the wheel / disc on the inner flange and screw the lock nut onto the spindle. To tighten the lock nut, press the shaft lock firmly so that the spindle cannot revolve, then use the lock nut wrench and securely tighten clockwise.
 - To Remove the Wheel, Follow the installation procedure in reverse.
- 1- Lock nut
 - 2- Depressed Center Grinding Wheel/Multi Disk.
 - 3- Inner Flange



! WARNING!

- It should never be necessary to force the tool. The weight of the tool applies adequate pressure. Forcing and excessive pressure could cause dangerous wheel breakage.
- ALWAYS replace wheel if tool is dropped while grinding.
- NEVER bang or hit grinding disc or wheel onto work.
- Avoid bouncing and snagging the wheel, especially when working corners, sharp edges etc. This can cause loss of control and kickback.

! CAUTION!

After operation, always switch off the tool and wait until the wheel has come to a complete stop before putting the tool down. Dimmer can be variable in 6 levels. by adjusting speed controller, grinding and sanding operation can be well done.

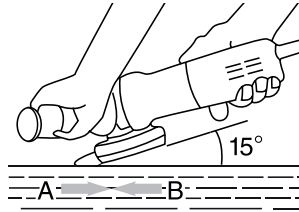
■ DIMMER

Dimmer can be variable in 6 levels. by adjusting speed controller, grinding and sanding operation can be well done.

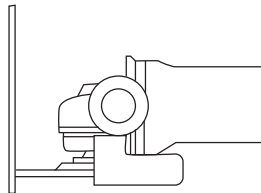
■ GRINDING AND CUTTING OPERATION

ALWAYS hold the tool firmly with one hand on housing and the other on the sidehandle. Turn the tool on and then apply the wheel or disc to the workpiece. In general, keep the edge of the wheel or disc at an angle of about 15 degrees to the work piece surface. During the break in period

with a new wheel, do not work the grinder in the B direction or it will cut into the work piece. Once the edge of the wheel has been rounded off by use, the wheel may be worked in both A and B direction. work piece. Once the edge of the wheel has been rounded off by use, the wheel may be worked in both A and B direction.



Cutting metal materials make sparks. Pls clear atmospheres of flammable materials during working. Control pressure on surface of workpiece. Otherwise Overforcing can decrease the speed of disc. Disc is perpendicular to workpiece. Move the grinder against clockwise rotation of disc for more precious cutting. Use proper Dics for concreted materials. Apply the edge of disc when cutting. Using plate of disc instead of its edg ecauses dics breakage and serious damages.



MAINTENANCE

⚠ CAUTION!

Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance. The tool and its air vents have to be kept clean. Regularly clean the tool's air vents or whenever the vents start to become obstructed.



www.ronixtools.com