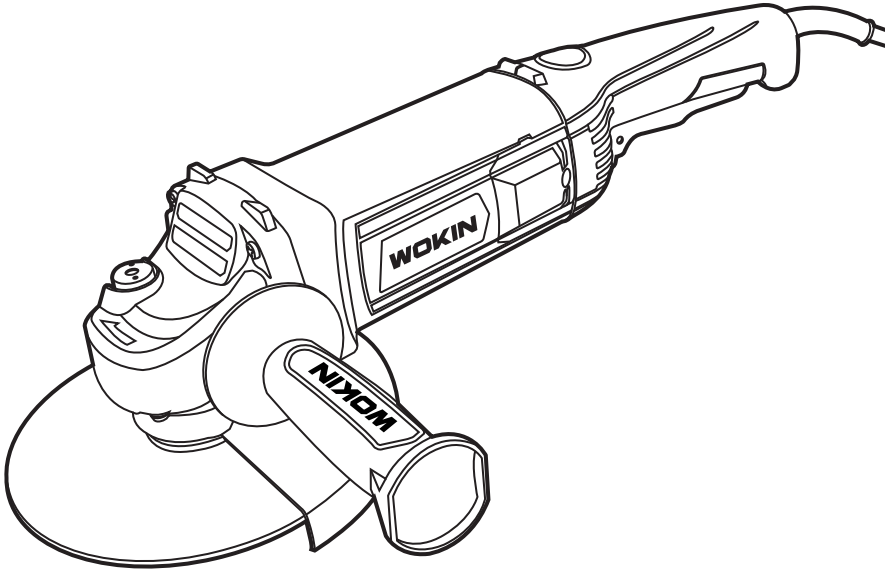
WOKIN

784818

ANGLE GRINDER
INSTRUCTION MANUAL

2000W
50/60Hz
220-240V



QUALITY TOOLS
QUALITY WORK
WOKIN
WWW.WOKINTOOLS.COM

SAVE THIS MANUAL!
You will need this manual for safety instructions, operating procedures and warranty.
Put it and the original sales receipt in a safe dry place for future reference.

IMPORTANT SAFETY INFORMATION

General Safety

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.

WARNING:

This appliance is not intended for use by persons (including children) with reduced, physical or mental capabilities or lack of experience or knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children must be supervised to ensure that they do not play with the appliance.

Save all warnings and instructions for future reference

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

1. Keep work area clean and well lit.Cluttered or dark areas invite accidents.
2. 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.
3. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

1. 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.
2. 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.
3. **DO NOT** expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
4. **DO NOT** abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
5. 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.

6. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) or ground fault circuit interrupter (GFCI) protected supply. Use of an RCD or GFCI reduces the risk of electric shock.
7. Power tools can produce electromagnetic fields [EMF] that are not harmful to the user. However, users of pacemakers and other similar medical devices should contact the maker of their device and/or doctor for advice before operating this power tool.

Personal safety

1. 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.
2. 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.
3. 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 energising power tools that have the switch on invites accidents.
4. 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.
5. **DO NOT** overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
6. 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.
7. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

Power tool use and care

1. **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.
2. **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.
3. 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.
4. 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.

5. Maintain power tools. 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. Many accidents are caused by poorly maintained power tools.
6. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
7. 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.
8. Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

Service

1. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
2. Follow instruction for lubricating and changing accessories.
3. Keep handles dry, clean and free from oil and grease.

SPECIAL SAFETY ROLES

DO NOT let comfort or familiarity with product (gained frorn repeated use) replace strict adherence to grinder safety rules. If you use this tool unsafely or incorrectly. you can suffer serious personal injury.

1. Always use proper guard wish rending wheel. A guard protects operator from broken wheel fragments.
2. 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.
3. Hold tool by insulated gripping surfaces when performing an operation where the cutting tools may contact hidden wiring o its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.
4. When using depressed center grinding, wheels, be sure to use only fiberglass reinforced wheels.
5. Always use safety glasses or goggles. Ordinary eye or sun glasses are NOT safety glasses.
6. Check the wheel carefully for cracks or damaged 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.
7. Use only flanges specified for this tool.
8. Be careful not to damage the spindle, the flange (especially the installing surface) or out flange. Damage to these parts could result in wheel breakage.

9. 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.
10. Hold the tool firmly.

Paints and wood could expose user to dust containing hazardous substances. Use appropriate respiratory protection.

11 . Keep hands away from rotating parts.
12. Make sure cord is clean of wheel. Do not wrap cord around your arm or whist. If control of tool is lost, cord may become wrapped around you and cause personal injury.
13. Make sure the wheel is not contacting the work piece before the switch is turned on.
14. 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.
15. Use the specified surface of the wheel to perform the grinding.
16. Watch out for flying sparks. Hold the tool so that sparks fly away from you and other persons or flammable materials.
17. Do not leave the tool running. Operate the tool only when hand-held.
18. Do not touch the work piece immediately after operation; it may be extremely hot and could burn your skin.
19. ALWAYS wear proper apparel including long sleeve shirts. Leather gloves and shop aprons to protect skin from contact with not grindings.
20. 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.

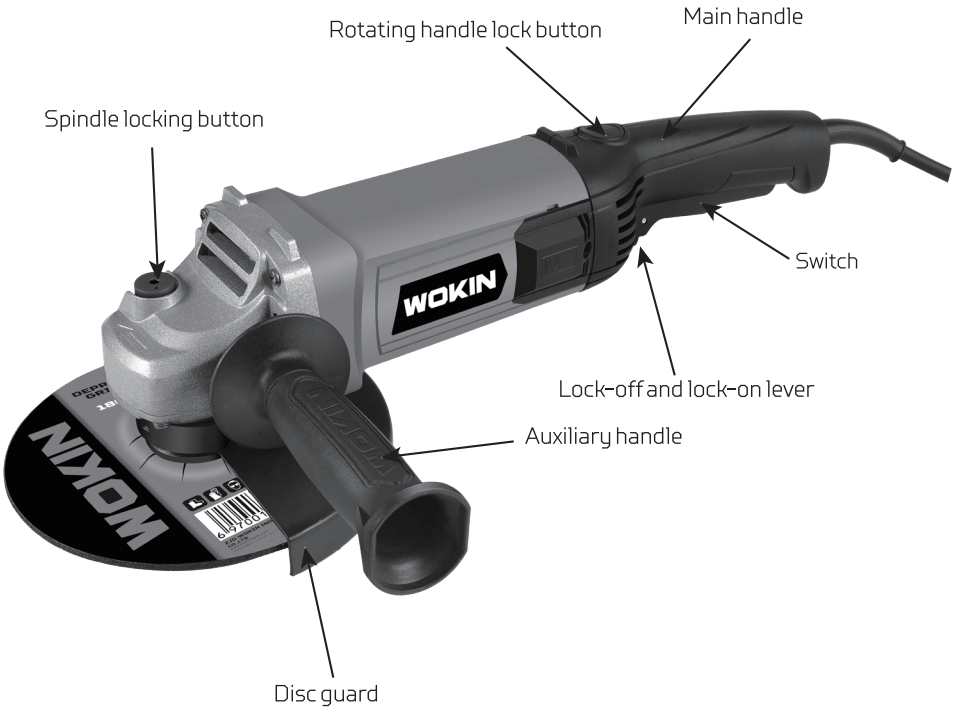
SPECIFICATIONS

Electrical Rating	220-240V ~ 50/60Hz
Rated Power	2000W
Motor No Load Speed	8500/min
Max. Accessory Diameter (sold separately)	180mm
Spindle Thread	M14

Note: Symbology

	Read the instructions for use before starting the machine.
	Wear safety goggles.
	Wear ear protection.
	Wear good quality, strong gloves.
	Always use breathing apparatus when machining materials which generate dust.

FUNCTIONS


Rotating handle lock button
Main handle
Spindle locking button
Switch
Lock-off and lock-on lever
Auxiliary handle
Disc guard
WOKIN

OPERATION INSTRUCTIONS

Wheel Guard

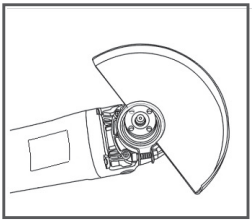


Fig 1

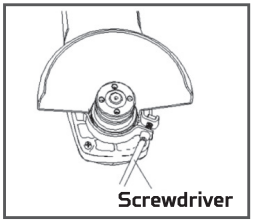


Fig 2

Please aim the convex end of the wheel guard to the slot mouth of the front cover, and then rotate the guard body to 180 degree, finally tighten the fastening screw (Fig 1 & Fig 2).

Installing Or Removing Grinding Wheel

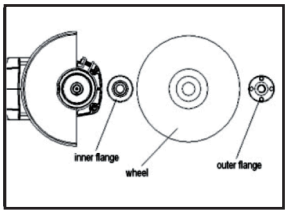


Fig 3

1. Mount the inner flange onto the spindle, fit the wheel/disk on the inner flange and screw the outer flange onto the spindle (Fig 3).

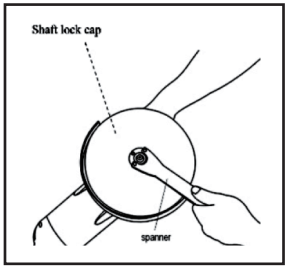


Fig 4

2. 1b tighten the outer flange, press the shaft lock firmly so that the spindle cannot revolve, then use the lock nut wrench and securely tighten clockwise. (Fig 4).
3. 1b remove the wheel, follow the installation procedure in reverse.

NOTICE: The groove of INNER FLANGE must align the flatness of spindle when you install the wheel and tighten enough.

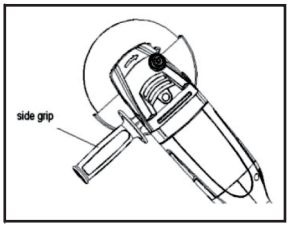


Fig 5

Side grip (Fig 5)

Caution !
Always be sure that the side grip is installed securely before operation. The both sides & top side of tool's head designed three screw holes to assemble the grip side. Screw the side grip securely on the position of the tool as shown in the figure 5.

Hold the side grip firmly by hand all the way you will control the tool better.

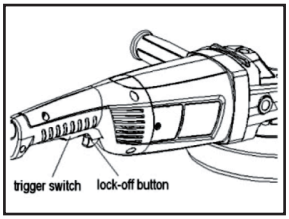


Fig 6

Switch action (Fig 6)

Caution !
Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF " position when released.

Switch can be locked in "ON" position for ease of operator comfort during extended use. Apply caution when locking tool in "ON" position and maintain firm grasp on tool.

Effective And Safe For Grinding And Sanding Operation

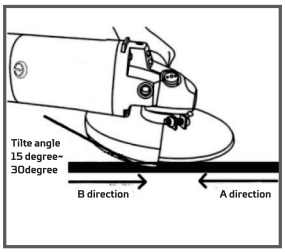


Fig 7

Always hold the tool firmly with one hand on housing and the other on the side handle, turn the tool on and then apply the wheel or disc to the work piece.
Forbid operating tool under the condition of removing the wheel guard.

1. The users can get satisfied effects if the users give 1/2 strength compared with the own weight of the tool. Over strength is easy to make the tool engine and abrasive wheel damaged because of overload.
2. Generally speaking, please keep the grinding and cutting part of the wheel and disc in the scope of 15 to 30 degree with the surface of processing object. (Fig 7)
3. In general operation,should start first then wonk, In reverse should leave work piece then stop.

Replacing Carbon Brushes

1 . Remove and check the carbon brushes regularly. Replace when the tool occur obvious sparks or wear down to the limit mark.
2. Both carbon brushes should be replace at the same time. Use only **WOKIN** brushes provided.
3. Please send this tool to the authorized service center to replace or be replaced by the experience worker always.

CAUTION:
Be sure to re-install the knob after inserting new carbon brush.
After replacing brushes, plug in the tool and break in brushes by running tool with no load for about 3 minutes. Then check the tool while running, when releasing the switch trigger If the tool is not working well, ask your local WOKIN service center for repair
To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by WOKIN Authorized or Factory service centers, always using WOKIN replacement parts.

MAINTENANCE & DAILY CARE

CAUTION!
Always be sure that the tool is switch off and unplugging before attempting to perform inspection and maintenance.

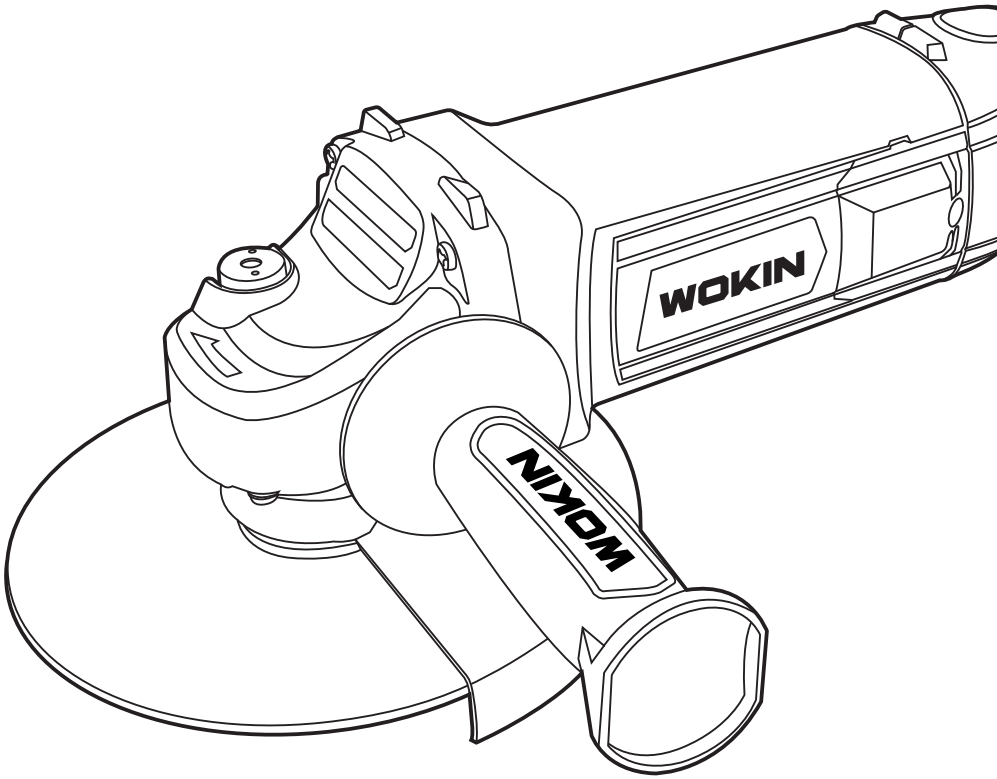
1. The tool and its air vents have to be keep clean regularly clean the tools air vents or whenever the vents star to become obstructed.
2. Cheek the all screws if be loosened or not periodically.
3. Usually check the cord insulation if broken or not.

TROUBLESHOOTING

Problem	Possible Causes	Likely Solutions
Tool will not start.	1. Cord not connected. 2. No power at outlet. 3. Tool's thermal reset breaker tripped (if equipped). 4. Internal damage or wear. (Carbon brushes or Trigger, for example.)	1. Check that cord is plugged in. 2. Check power at outlet. If outlet isunpowered, turn off tool and check circuit breaker. If breaker is tripped, make sure circuit is right capacity for tool and circuit has no other loads. 3. Turn off tool and allow to cool. Press reset button on tool. 4. Have technician service tool.
Tool operates slowly.	1. Excess pressure applied to workpiece. 2. Power being reduced by long or small diameter extension cord.	1. Decrease pressure, allow tool to do the work. 2. Eliminate use of extension cord. If an extension cord is needed, use one with the proper diameter for its length and load.
Performance decreases over time.	Carbon brushes worn or damaged.	Carbon brushes worn or damaged.
Excessive noise or rattling.	Internal damage or wear. (Carbon brushes or bearings, for example.)	Have technician service tool.
Overheating.	1. Forcing tool to work too fast. 2. Blocked motor housing vents. 3. Motor being strained by long or small diameter extension cord.	1. Allow tool to work at its own rate. 2. Wear ANSI-approved safety goggles and NIOSH-approved dust mask/respirator while blowing dust out of motor using compressed air. 3. Eliminate use of extension cord. If an extension cord is needed, use one with the proper diameter for its length and load. See General Power Tool Safety Warnings secti on.
Tool does not grind, sand or brush effectively.	1. Disc accessory may be loose on Spindle. 2. Disc accessory may be damaged, worn or wrong type for the material.	1. Be sure disc accessory arbor is correct and Outer Flange/Arbor Nut is tight. 2. Check condition and type of disc accessory. Use only proper type of disc accessory in good condition.

WARNING:

Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.



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