KYOCERA

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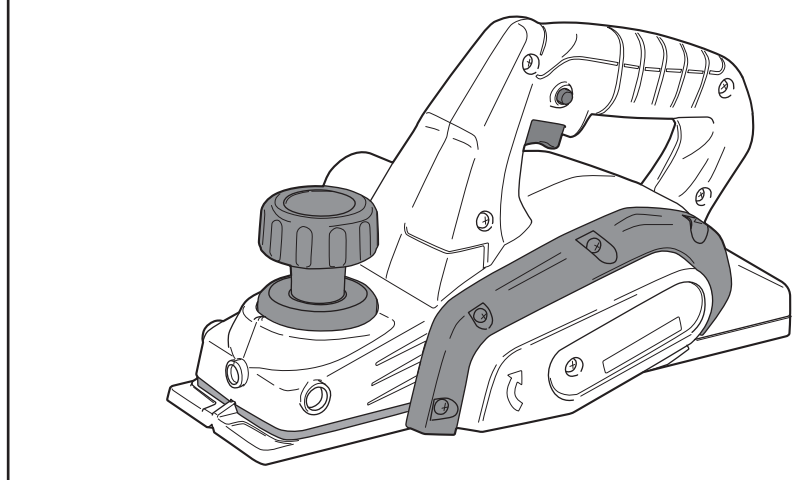
GB OWNER'S OPERATING MANUAL



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THANK YOU FOR BUYING OUR PRODUCT.
To ensure your safety and satisfaction, carefully read through this OWNER'S MANUAL before using the product.

General power tool safety warnings

⚠**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.

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.

1) Work area safety

a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b) 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.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) Electrical safety

a) 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.

b) 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.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) 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.

e) 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.

f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

3) Personal safety

a) 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.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.

c) 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.

d) 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.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g) 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.

h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

4) Power tool use and care

a) 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.

b) 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.

c) Disconnect the plug from the power source and/or remove the battery pack, if detachable, 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.

d) 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.

e) 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. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) 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.

h) 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.

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5) Service

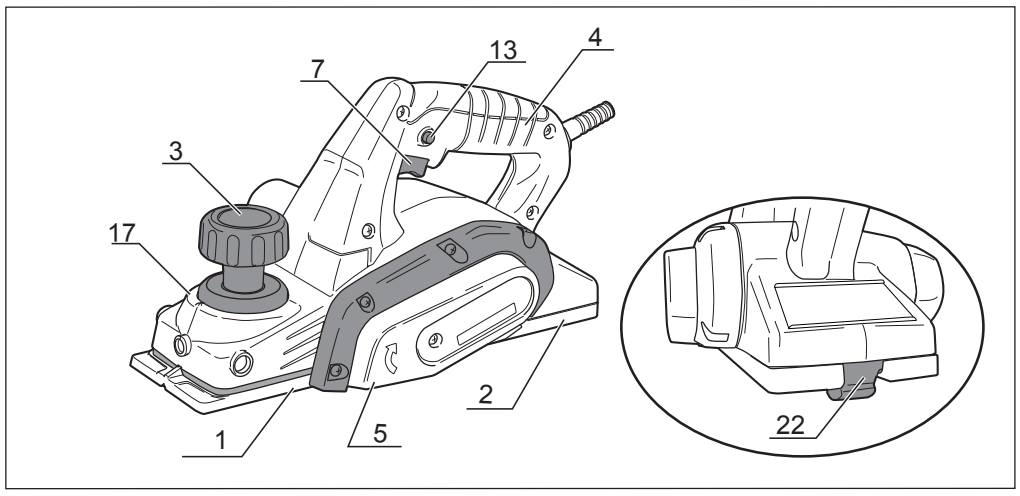
a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

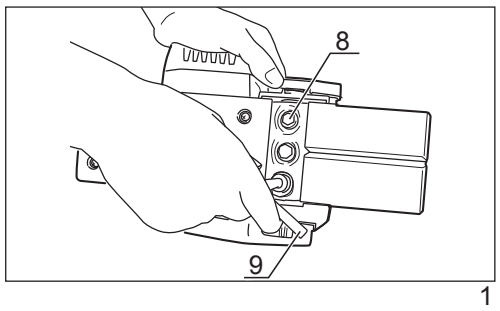
Safety instructions for planers

1. **Wait for the cutter to stop before setting the tool down.** An exposed rotating cutter may engage the surface leading to possible loss of control and serious injury.
2. **Hold the power tool by insulated gripping surfaces, because the cutter may contact its own cord.** Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
3. **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by your hand or against the body leaves it unstable and may lead to loss of control.
4. Wait for the cutter to stop before setting the tool down. An exposed cutter may engage the surface leading to possible loss of control and serious injury.

INSTRUCTIONS FOR SAFE HANDLING

1. Make sure that the tool is only connected to the voltage marked on the name plate.
2. Never use the tool if its cover or any bolts are missing. If the cover or bolts have been removed, replace them prior to use. Maintain all parts in good working order.
3. Always secure the tool when working in elevated positions.
4. Never touch the blade, drill bit, grinding wheel or other moving parts during use.
5. Never start the tool when its rotating component is in contact with the work piece.
6. Never lay the tool down before its moving parts have come to a complete stop.
7. **ACCESSORIES**: The use of accessories or attachments other than those recommended in this manual might present a hazard.
8. **REPLACEMENT PARTS** : When servicing use only identical replacement parts.
9. Before connecting this tool to the power source, ensure that the cutter blades are mounted according to the details in these instructions and that all bolts are tightened securely. Loose bolts may cause the blades to fly off, causing a serious accident.
10. It is extremely dangerous to point the cutting surface toward any person.
11. Be careful when attaching and removing the blades as they are extremely sharp and could cause serious injury if mishandled.
12. Never put your hands near the belt cover during operation as it is not covered on the bottom.
13. Make sure the workplace is free from nails and other foreign objects which could damage the blades or cause accidents.
14. Hold the tool securely when starting, because inertia from the motor can cause the planer to jump from your grasp.
15. Hold the tool with both hands during operation - holding it with only one hand is dangerous.
16. It is extremely dangerous to place fingers or objects in the chip outlet where they could come into contact with the rotating blades.
17. Make sure that the rabbeting cover, which protects your hands from the blades, moves smoothly and is completely covering the cutter blades prior to operation.
18. Replace cutter blades as a pair. Replacing them individually will cause incorrect balance, resulting in vibration during operation and reduced tool life.
19. Dull blades increase the danger of kickback.
20. Keep front shoe halves as close together as work permits.
21. The unused part of the cutter block must be covered at all times.
22. Use the chip eject cover for planing.
23. Use safety equipment. Always wear a dust mask.
24. Before use, check the Stand device whether work normally.
25. If it is damaged, please stop use and send to the service center.





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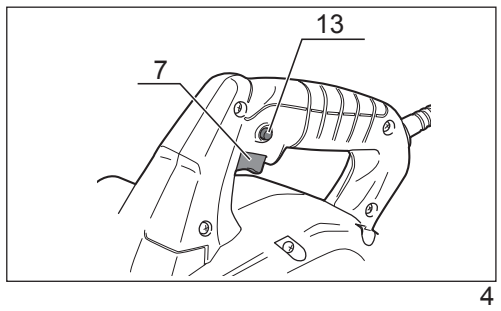

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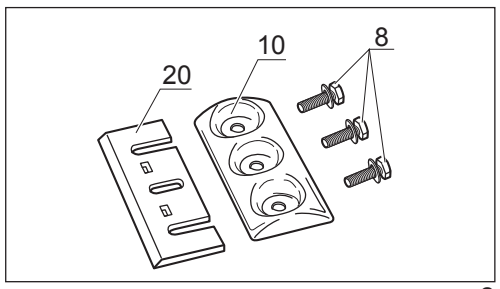

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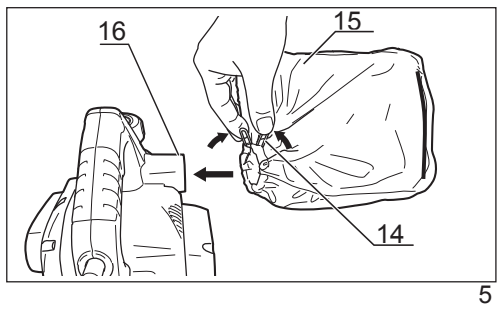

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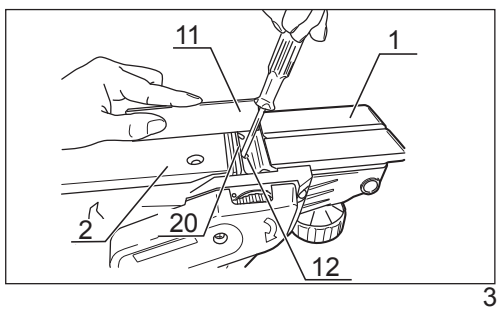

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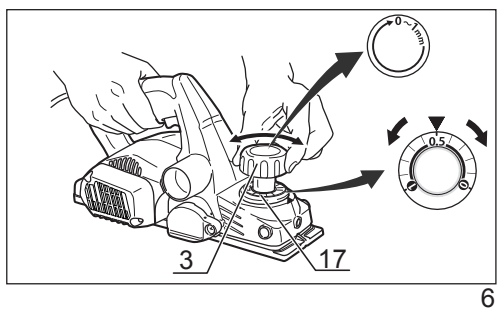

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DESCRIPTION

1. Front shoe
2. Rear shoe
3. Adjustment knob
4. Handle
5. Belt cover
6. Knob bolt
7. Switch
8. Hex. head bolt
9. “T” type wrench
10. Blade binder
11. Blade adjustment gauge
12. Blade adjusting screw
13. Lock button
14. Metal part of dust bag
15. Dust bag
16. Dust guide
17. Depth-of-cut-scale
18. Side plate
20. Blade (H.S.S Type)
21. Blade sharpening holder
22. Stand
23. Screw

SPECIFICATIONS

Capacities	planing depth	1 mm (3/64”)
	planing width	82 mm (3-1/4”)
Input		550 W
Rotation speed		18,000 min^{-1}
Overall length		309 mm (11-1/2”)
Weight		2.6 kg (5.7 lbs.)

STANDARD ACCESSORIES

“T” type wrench, Side plate, Knob bolt,
Philipps screwdriver, Blade adjustment gauge,
Blade sharpening holder, Screw

APPLICATIONS

(Use only for the purposes listed below.)

1. Planing wood.

REPLACING THE BLADE (Figs. 1, 2)

BE SURE TO DISCONNECT THE TOOL FROM THE POWER SUPPLY BEFORE REMOVING OR REPLACING THE BLADE.

1. Remove the hex. head bolts (8) with the “T” type wrench (9) provided.
2. Remove the blade binders (10) and blades (20).
3. Place the new blades on the cutter block.
4. Replace the blade binders and hex. head bolts.

ADJUSTING THE BLADE (Figs. 1, 3)

1. Loosen hex. head bolt (8) with the “T” type wrench (9).
2. Rotate the cutter block until the tip of the blade is vertically in line with the shaft center.
3. Adjust the blades (20) using the blade adjustment gauge (11) and the blade adjusting screws (12).
4. The blades should be set so that their entire length is level with the stationary rear shoe (2).
5. Tighten the hex. head bolt.

SWITCH (Fig. 4)

This tool is started and stopped by depressing and releasing the switch (7).
For continuous operation, press the lock button (13) while switch is depressed. Depress again to release the lock.

ATTACHING THE DUST BAG (Optional Accessory) (Fig. 5)

1. When mounting the dust bag (15), open the dust bag by squeezing the metal part of dust bag (14).
2. Attach the dust bag to the dust guide (16).
3. Although the bag is of ample size, it should be emptied frequently and shaken out to maintain efficiency.
4. Opening the zipper on the bottom of the dust bag allows complete cleaning.
   The dust bag can be removed with the opposite method to that mentioned above.

ADJUSTING THE PLANING DEPTH (Fig. 6)

The planing depth can be adjusted from approximately 0mm-1mm. To adjust the depth, turn the adjustment knob (3) to the desired setting on the depth-of-cut scale (17).
Always work from a rough cut to a finish cut. For rough planing use a setting from 0.5mm to 1mm. For finish planing use a setting from 0.2mm to 0.4mm.
CAUTION!
DO NOT TURN THE DEPTH ADJUSTMENT KNOB MORE THAN THE MAXIMUM PLANING DEPTH OF 1MM.

OPERATING INSTRUCTIONS (Fig. 7)

1. Be sure the work piece is clamped or otherwise firmly secured.
2. With one hand holding the depth adjustment knob(3) and the other gripping the handle(4), place the front shoe on the edge of the piece to be planed.
3. Before starting the planer, be sure the blades are not in contact with the work piece.
4. Position the planer so that the front shoe(1) is perfectly flat and level on the piece to be worked.
5. Using a slow, steady motion, begin planing with the motor at full torque.
6. **IMPORTANT!**
   Be especially careful to keep the planer flat and level at the beginning and the end of planing work. Tilting of the machine can cause the excessive planing of the edge of the work material.

STAND (Fig. 8)

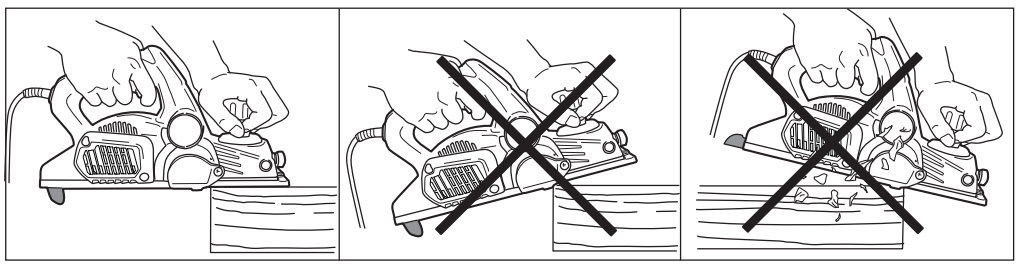
A stand (22) is provided so that the blade can be protected when the tool is not being used.
The stand automatically raises when the tool is used and lowers again when the operation is completed.
When you do not want to use the stand, raise it before starting the operation.

SIDE PLATE (Fig. 9)

The side plate (18) helps to plane long and uneven surfaces accurately.

EDGE PLANING (Fig. 10)

This planer has a precision machined groove in the middle of the front shoe for bevel planing.
Before planing good timber, make a few cuts on a piece of scrap timber to determine the desired depth.



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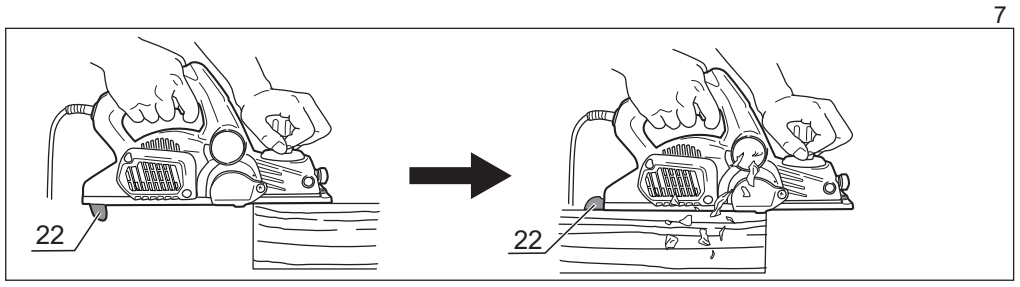

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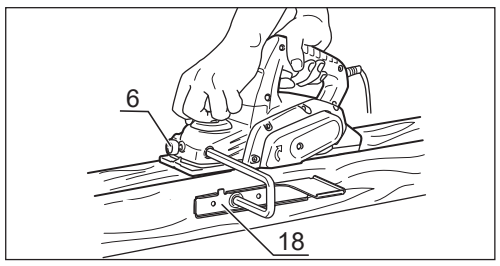

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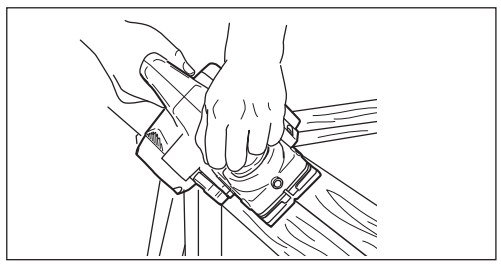

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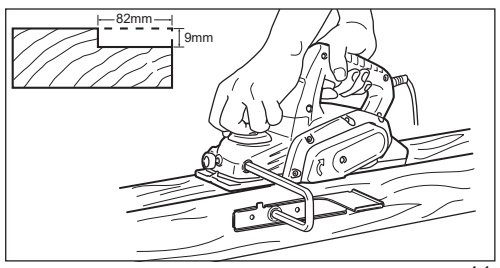

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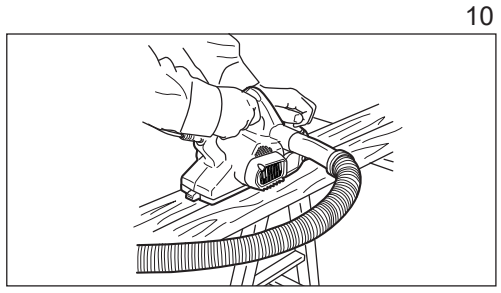

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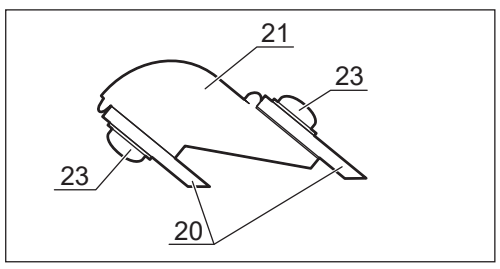

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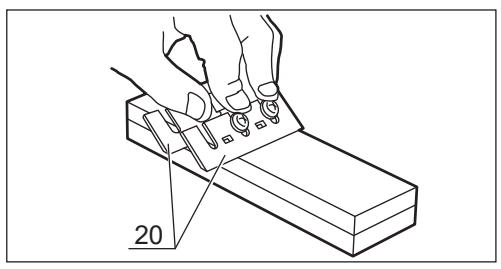

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RABBETTING (Fig. 11)

Install the side plate. Before working the actual piece, determine the desired depth using a piece of scrap wood. While planing, the side plate should rest on edge of the work piece. The maximum rabbet cut depth is 9mm.

ATTACHING THE VACUUM (Fig. 12)

The dust can be collected by using a vacuum cleaner. Connect the vacuum cleaner hose to the dust guide (16).

SHARPENING BLADES (Fig. 13)

1. Fasten the blade (20) to Blade sharpening holder (21) with four screws (23).
   Be sure both blade edges face in the same direction.
2. Place the blade edges so that they rest flat on the grinding stone (not included -- must be purchased separately) .
3. Firmly grip the Blade sharpening holder and move it back and forward to sharpen the blades.

CAUTION ; Do not hold the grinding stone by hand. Hold it by the clamp or vise.

MAINTENANCE

After use, check the tool to make sure that it is in top condition.
It is recommended that you take this tool to an Authorized Service Center for a through cleaning and lubrication at least once per year.
DO NOT MAKE ANY ADJUSTMENTS WHILE THE MOTOR IS IN MOTION.
ALWAYS DISCONNECT THE POWER CORD FROM THE RECEPTACLE BEFORE CHANGING REMOVABLE OR EXPENDABLE PARTS (BLADE, BIT, SANDING PAPER ETC.), LUBRICATING OR WORKING ON THE UNIT

WARNING!

To ensure safety and reliability, all repairs should be performed by an AUTHORIZED SERVICE CENTER or other QUALIFIED SERVICE ORGANIZATION.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

“ **WARNING** To reduce the risk of injury, user must read instruction manual ”

“ Class II construction tool in which protection against electric shock does not rely on basic insulation only, but in which additional safety precaution, such as double insulation or reinforced insulation, are provided.”