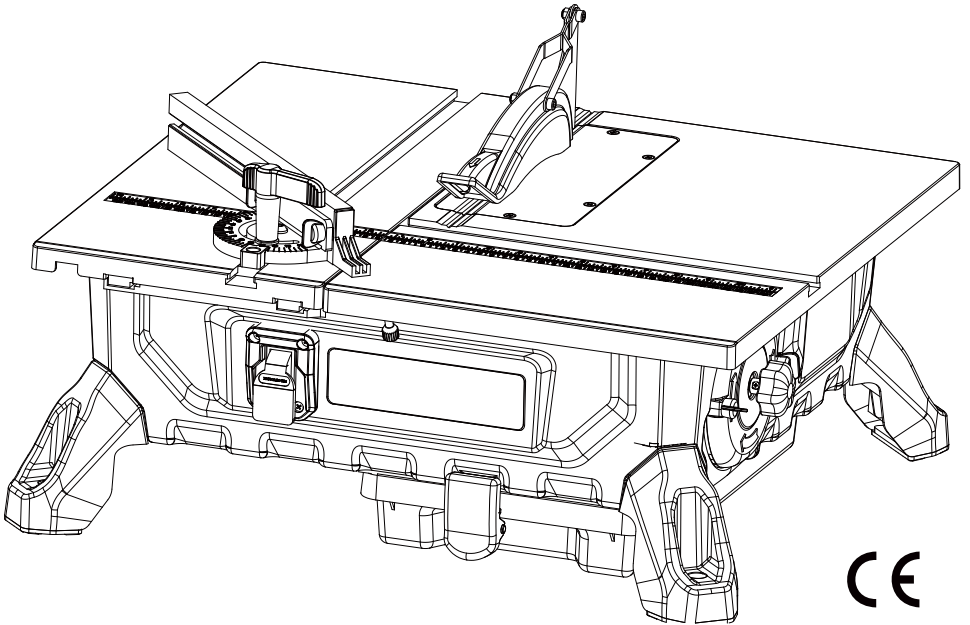
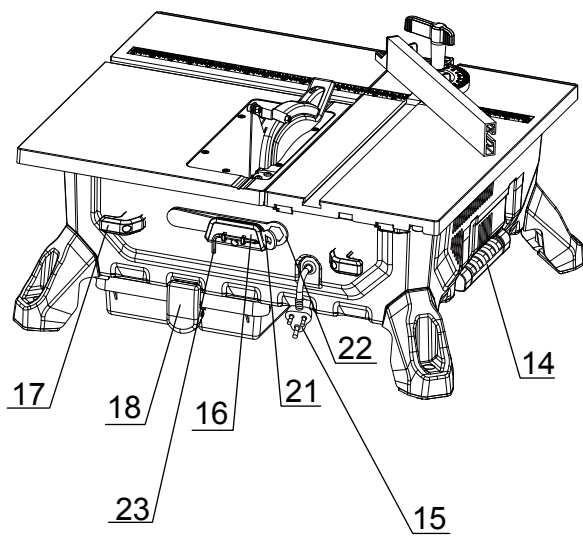
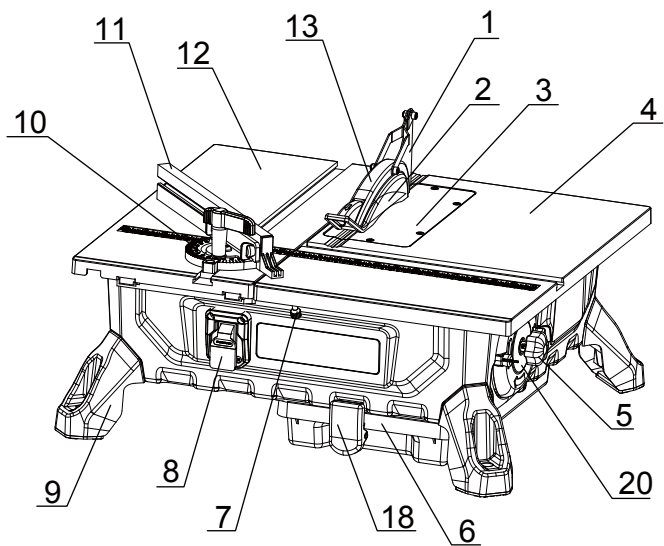


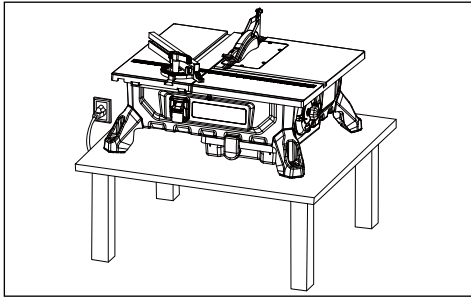


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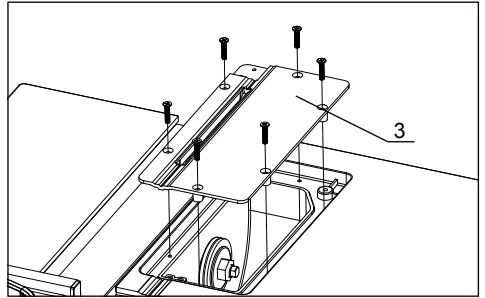
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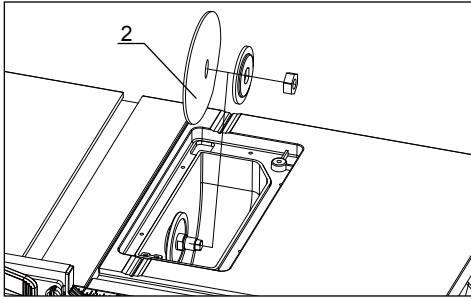




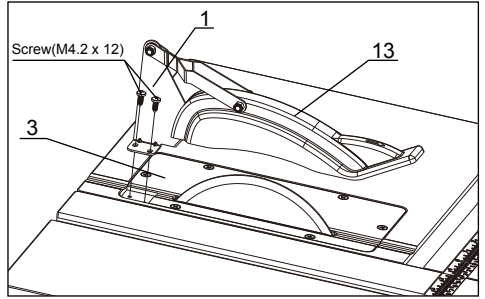
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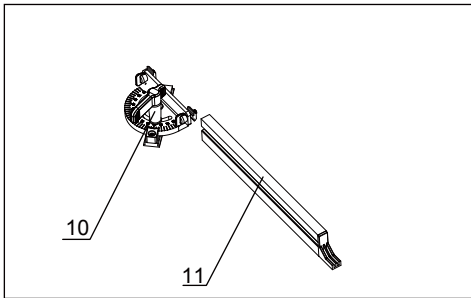
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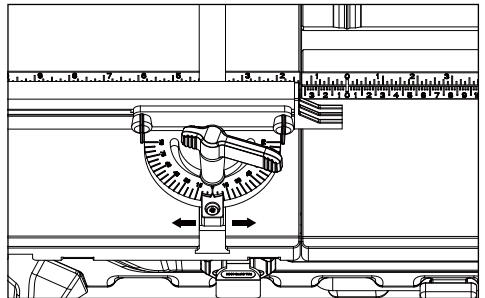
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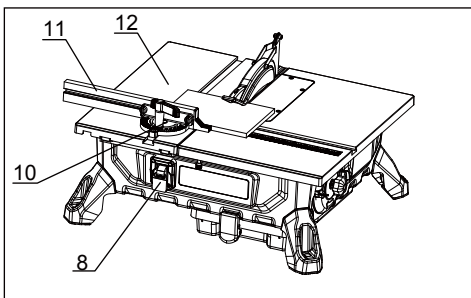
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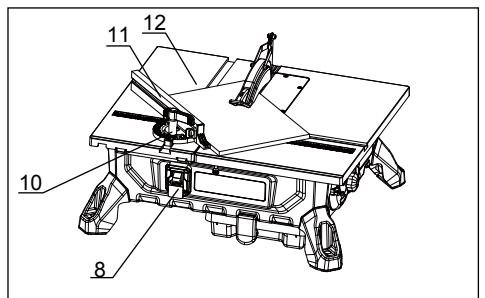
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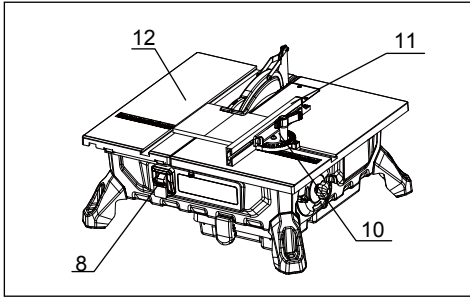
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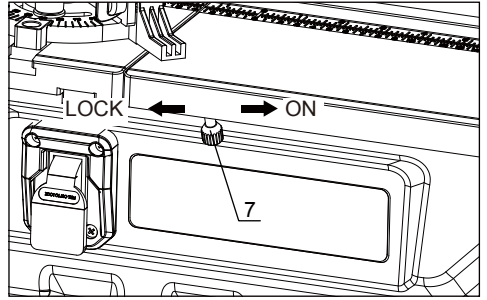
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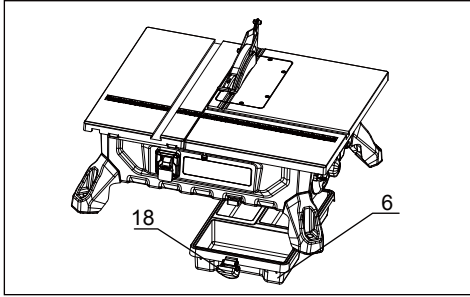
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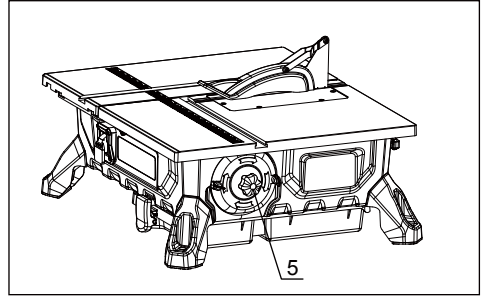
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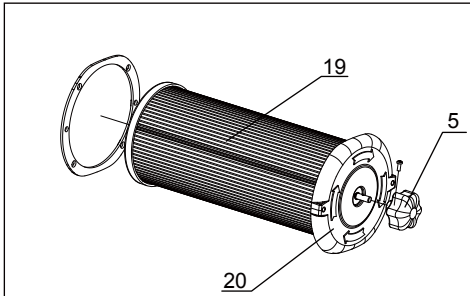
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To ensure your safety and satisfaction, carefully read through this OWNER'S MANUAL before using the product.

General Power Tool Safety Warnings

⚠ WARNING! Read all safety warnings 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.

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 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, clothing and gloves 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.

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 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.
- 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. 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.

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.

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.

TILE SAWS SAFETY PRECAUTIONS

WARNING: Serious injury or death can occur from getting fingers, hair, or clothing entangled in rotating or moving parts. Workpieces can be ejected by saw, striking operator or bystanders. Long-term respiratory damage can occur from breathing dust created while cutting. To minimize risk of injury, anyone operating this machine **MUST** completely heed hazards and warnings below.

ELECTRICAL HAZARDS. Electrocutation may occur due to water entering electrical connections. Always connect this machine to a GFCI circuit breaker to reduce chances of electrocution and form a "drip loop" so water will drip off cord before reaching receptacle. Never touch any electrical connection while hands are wet.

HAND & BODY POSITIONING. Keep hands away from blade and out of blade path during operation so they cannot accidentally slip into blade. Only operate at front of machine and always stand to side of blade path. Never reach behind or over blade, or under splash hood when blade is spinning. Turn saw OFF and allow blade to completely stop before removing cut-off pieces near blade or trapped between blade and miter guide or table.

BLADE GUARD. The blade guard protects operator from rotating blade by blade. Make sure splash hood is installed, adjusted correctly, and used for all cuts. Make sure splash hood mounting bracket is aligned and positioned correctly. Promptly repair or replace splash hood and bracket if damaged.

SIDE GRINDING. Never use side of blade to grind tile. Doing so may cause tile to break or explode, resulting in flying debris.

SMALL/NARROW WORKPIECES. Holding small workpieces with fingers increases risk of work-piece and hands slipping and moving into blade. Always support/feed small or narrow workpieces with miter guide, push stick, push blocks, jig, vise, or some type of clamping fixture.

FENCE. Make sure fence remains properly adjusted and parallel with blade. Always lock fence before using. Always lock miter guide when in use.

WET CUTTING. This tile saw is designed for dry cutting only. Never use this saw with water cooled.

CHANGING BLADES. Accidental startup while changing blades can result in serious injury. To reduce risk of accidental blade contact, always disconnect power before changing blades. Always check blade before operations and never use damaged blade. Only use continuous rim wet blades with this saw. Use of other blades could result in flying debris or damage to machine.

FEEDING WORKPIECE. Feeding workpiece incorrectly increases risk of chipping and opera-tor injury. Always allow blade to reach full speed before cutting. Always feed workpiece from front of saw, making sure workpiece is flat against table, fence, or guide. Feed cuts through to completion. Never start saw with workpiece touching blade or pull workpiece from behind blade. Never move workpiece sideways or perform a "free-hand" operation. Always wait for blade to come to a complete stop before removing workpiece. Do not force blade through workpiece as this can cause chipping, flying debris, and damage to machine. Reduce cutting force if you hear any strain on motor.

DESCRIPTION

1. Riving knife
2. Saw blade
3. Mounting plate
4. Worktable
5. Filter cleaning knob
6. Dust tray
7. Table lock
8. Power switch
9. Foot stand
10. Miter gauge
11. Rip fence
12. Sliding table
13. Blade guard
14. Carrying handle
15. Power cord
16. Tool holder
17. Cord storage
18. Tray latch
19. Cartridge filter
20. Filter cover
21. Inner wrench
22. Outer wrench
23. Allen wrench/philips head screwdriver

STANDARD ACCESSORY

Saw blade x 1, Miter gauge x 1, Rip fence x 1, Screw(M4.2 x 12) x 2, Inner wrench x 1, Outer wrench x 1, Allen wrench/philips head screwdriver x 1

SPECIFICATIONS

Voltage	230V ~ 50Hz
Saw motor power	750W
Vacuum motor power	750W
Max. air flow	40L/s
Blade size	180mm
Blade speed	6000min ⁻¹
Spindle size	16mm
Table size	332mm x 500mm
Sliding table size	235mm x 500mm
Max. depth of cut	32mm
Max. cutting capacity	460mm
Filter type	Cartridge
HEPA filter rating	H13
Net weight	14.0kgs

ASSEMBLY AND ADJUSTMENT**WARNING!**

Disconnect the plug from the power source before making any adjustments or changing accessories. Such preventive safety measures reduce the risk of starting the tool accidentally.

WARNING!

To reduce the risk of injury, do not use tile saw blade larger or smaller than 7" diameter, do not use tile saw blade with speed rating less than 6,000 Rpm. only use smooth edge tile blade free of openings and grooves.

POSITIONING ON BENCH (Fig. 1)

1. Select a workbench that is able to support the weight of the tile saw and any additional weight and force placed on it during operation.
2. Make sure there is no any obstructions that may interfere with the mounting procedure.
3. Drill four holes on the workbench for the mounting bolts.
4. Using bolts, washers and nuts (not included) to mount the tile saw on the workbench.

TILE SAW BLADE INSTALLATION AND REMOVAL (Fig. 2-3)

1. Unplug the saw and remove the mounting plate (3) by removing the screws on it.
2. Place inner wrench onto spindle nut and place outer wrench onto spindle head. Hold inner wrench and loosen spindle nut by turning outer wrench counter-clockwise.
3. Remove spindle nut and outside flange and fit the saw blade (2) onto arbor.
4. Place outside flange and spindle nut.
5. Use wrenches to tighten the spindle nut securely.
6. Put the mounting plate (3) back and screw it securely.

BLADE GUARD INSTALLATION (Fig. 4)

1. Riving knife (1) and blade guard (13) have been assembled at the factory. Position riving knife and blade guard kit on the dent of mounting plate (3).
2. Use a screwdriver to secure riving knife and table insert with 2 screws supplied.
3. Align riving knife with saw blade with a straight edge or fence place as an alignment tool.

FENCE INSTALLING/ADJUSTING (Fig. 5-6)

1. Align two T-nuts on the miter gauge.
2. Slide T-nuts into fence body T-slot and secure fence body with miter gauge by fastening wing-nuts.
3. For Cross Cut: Slide miter gauge into sliding table T-slot until the end of guide bar flush with table edge.
Use a square gauge or similar square tool to square fence with blade.
Turn lock knob to secure fence with sliding table. Loosen wing nuts and move fence left or right until fence insert is very close to the blade. Loosen angle indicator screw and move it left or right until it points to 0°
Secure angle indicator.
4. For Rip Cut: Slide miter gauge into worktable T-Slot. Adjust miter gauge to 0°

OPERATION**WARNING!**

Please read the operator's manual carefully and make sure you understand the instructions before operating

STARTING AND STOPPING**STARTING MACHINE**

To start the saw motor, pull the On/Off switch (8) up to on position.

STOPPING MACHINE

To stop the saw motor, press down the On/Off switch (8) to off position.

MAKING A CROSS CUT (Fig. 7)

- Place the rip fence (11) on the sliding table (12) and set miter gauge (10) 90° to the blade.
- Place the workpiece on the table firmly against the fence.
- Make sure the workpiece is off the blade before turning the saw.
- Turn on power switch (8).
- Hold the material firmly against the fence and feed the workpiece into the blade.
- Turn off the saw when cut is made. Do not remove any part of the workpiece until the blade is completely stopped.

MAKING A MITER CUT (Fig. 8)

- Place the rip fence (11) on the sliding table (12) and adjust miter gauge (10) to the desired angle. Tighten the miter gauge locking knob.
- Place the workpiece on the table firmly against the fence.
- Make sure the workpiece is off the blade before turning the saw.
- Turn on power switch (8).
- Hold the material firmly against the fence and feed the workpiece into the blade.
- Turn off the saw when cut is made. Do not remove any part of the workpiece until the blade is completely stopped.

MAKING A RIP CUT (Fig. 9-10)

- Place the rip fence (11) on table and adjust fence parallel to the blade. Tighten the miter gauge locking knob.
- Push the pin (7) to lock the table before start cutting.
- Place the workpiece on the table firmly against the fence.
- Make sure the workpiece is off the blade before turning the saw.
- Turn on power switch (8).
- Hold the material firmly against the fence and feed the workpiece into the blade.
- Turn off the saw when cut is made. Do not remove any part of the workpiece until the blade is completely stopped.



DUST COLLECTION SYSTEM

EMPTYING THE DUST TRAY (Fig. 11)

The dust tray is designed to cut 20 meters cut. Dust tray needs to be emptied for 20 meters cutting.

- Disengage tray latches (18).
- Pull out dust tray and empty dust into bag or sealed container and dispose properly.
- Push dust tray (6) in and engage latches firmly.

CLEANING THE FILTER (Fig. 12)

Filter needs to be cleaned for every 15m cutting.

- Turn filter cleaning knob (5) clockwise 3-4 turns.
- Clean the filter before emptying the dust tray.

MAINTENANCE

NEW FILTER INSTALLATION/CHANGE

(Fig. 13)

A new filter need to be installed annually.

- Loosen wing-nuts on the filter cover (20).
- Cartridge filter (19) out.
- Loosen set-screw and put filter cleaning knob (5) on the new filter.
- Tighten set-screw firmly.
- Slide new filter into filter house.
- Fasten wing-nuts firmly.

After use, check the tool to make sure that it is in top condition. It is recommended that you take this tool to a Ryobi 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 "