

VEVOR

Affordable. Reliable. Home Improvement.

Electric Chainsaw Sharpener

Model: 2002P

VEVOR Support Center



Model: 2002P

VEVOR

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

ELECTRIC CHAINSAW
SHARPENER

Model:2002P



This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

SAFETY INSTRUCTIONS

	Read the instruction manual.
	Warning- Be sure to wear eye protectors when using this product.
	Warning- Be sure to u soundproof earmuffs when using this product
	Warning- Be sure to wear cut-resistant safety gloves
	Warning- Risk of injuries due to rotating tool! Keep hands away
	Warning- Do not use defective grinding discs.

Warning: To reduce the risk of injury, user must read instructions manual carefully.

Congratulations on your purchase. You have selected a quality product. The instructions for use are a part of the product. They contain important information about the safety, use and disposal of the product. Before using the product, please learn about all the safety information and usage instructions. Only use the product as described and for the specified applications. If you lend the product to someone else, please also give all the instructions.

This product is suitable for sharpening conventional saw chain types. This product is not intended for any other use (e.g. wet grinding, grinding other items or materials harmful to the health such as asbestos). The light on this product is intended to illuminate the immediate work area and is not intended as residential lighting.

Any other use or product modification is considered improper use and poses considerable safety hazards. The manufacturer assumes no liability for damages due to improper use. Not intended for commercial use.

Save This Manual

You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list and diagram. Keep the manual in a safe and dry place for future reference.

Safety Warnings and Precautions

WARNING: When using tools, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

Read all instructions before using this tool!

1. Keep work area clean. Cluttered areas invite injuries.
2. Observe work area conditions. Do not use machines or power tools in damp or wet locations. Don't expose to rain. Keep work area well lighted. Do not use electrically powered tools in the presence of flammable gasses or liquids.
3. Keep children away. Children must never be allowed in the work area, Do not let them handle machines, tools, or extension cords.
4. Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
5. Use the right tool for the job. Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. There are certain applications for which this tool was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this tool and do not use this tool for a purpose for which it was not intended.
6. **Dress properly.** Do not wear loose clothing or jewelry as they can be caught in moving parts. Protective, electrically non-conductive clothes and no-skid footwear are recommended when working. Wear restrictive hair covering to contain long hair

7. Use eye and ear protection. Always wear ANSI approved impact safety goggles. Wear a full face shield if you are producing metal filings or wood chips.
8. Do not overreach. Keep proper footing and balance at all times. Do not reach over or across running machines.
9. Maintain tools with care. Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged, have them repaired by an authorized technician. The handles must be kept clean, dry, and free from oil and grease at all times.
10. Avoid unintentional starting. Be sure the switch is in the Off position when not in use and before plugging in.
11. Stay alert. Watch what you are doing, use common sense. Do not operate any tool when you are tired.
12. Check for damaged parts. Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use the tool if any switch does not turn On and Off properly.
13. Guard against electric shock. Prevent body contact with grounded surfaces such as pipes, radiators, ranges, and refrigerator enclosures.
14. Replacement parts and accessories. When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with tool.
15. Do not operate tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate the tool.
16. Use proper size and type extension cord. If an extension cord is required, it must be of the proper size and type to supply the correct current to the tool without heating up. Otherwise, the extension cord could melt and catch fire, or cause electrical damage to the tool. This tool requires use of an extension cord of 0 to 10

amps capability (up to 50 feet),with wire size rated at 18 AWG. Longer extension cords require larger size wire. If you are using the tool outdoors, use an extension cord rated for outdoor use.

17.Maintenance. For your safety, maintenance should be performed regularly by a qualified technician.

18. Never use the Electric Chainsaw Sharpener around flammable materials.

Note: Performance of this tool (if powered by line voltage) may vary depending on variations in local line voltage. Extension cord usage may also affect tool performance.

Warning: The warnings, cautions, and instructions discussed in this instruction discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator of the tool.

Additional Safety Warnings

Grinding Wheel Warnings

1.Do not use a grinding wheel if it is chipped, cracked, or worn. You can check if the wheel has cracks not visible to the human eye by hanging it up by the central hole and tapping it with a non-metal object (ie: screwdriver handle). If it is in good condition it will produce a metallic sound. A dull sound indicates a crack or break.

2.Only use grinding wheels that fit the arbor (7/8"). Do not try to change or modify the mounting hole on a grinding wheel to make it fit.

3.Do not over-tighten the Grinder Lock Cap (#9). Hand tighten it only. Over-tightening may cause the wheel to break or disintegrate.

4.Never use the chain saw sharpener without the Grinding Wheel Cover (#11) in place.

5.Always test the Grinding Wheel (#8) by running it for a minute prior to contact with a chain.

6.Keep away from the wheel when it is turning, and make sure no one is standing close, in the line of the wheel rotation trajectory.

7.If the grinding wheel vibrates, turn off the machine immediately and check that it

is mounted securely, and that is not damaged.

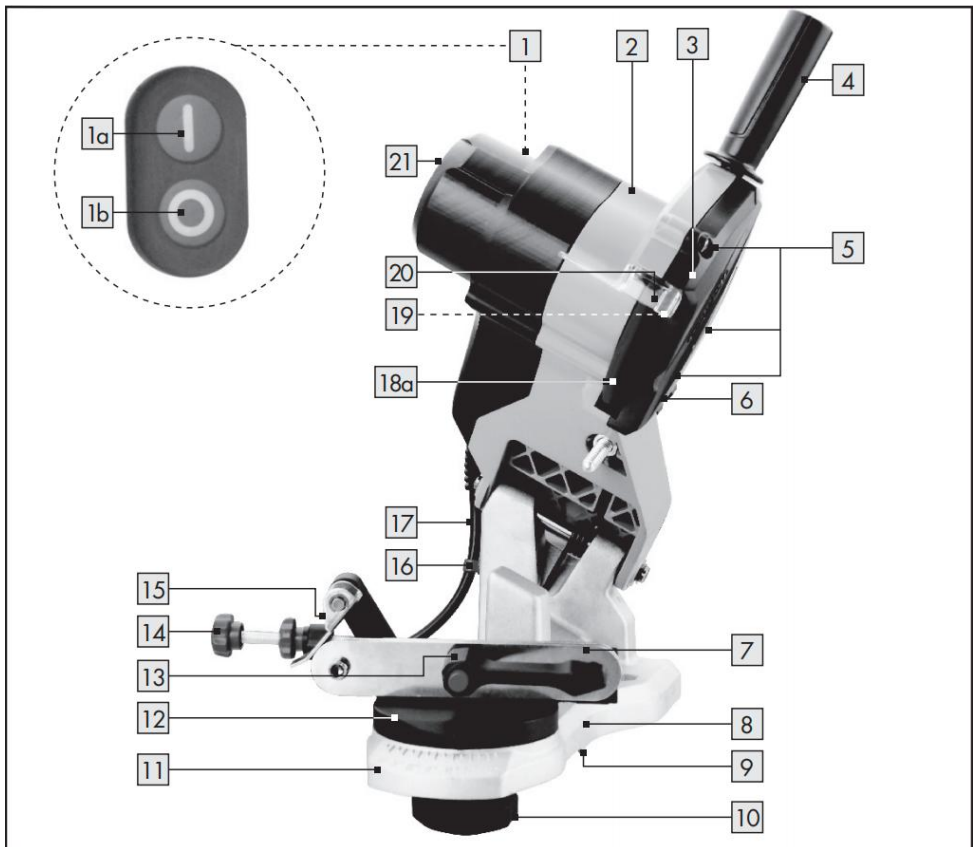
8.Never try to stop the grinding wheel with your hands, even if you are wearing safety gloves. The wheel will cut through gloves and your hand, causing serious injury.

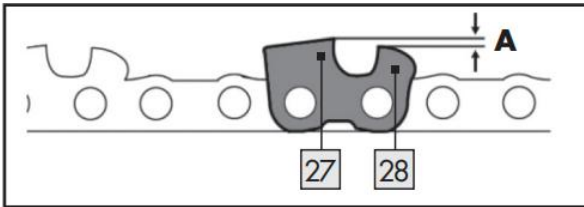
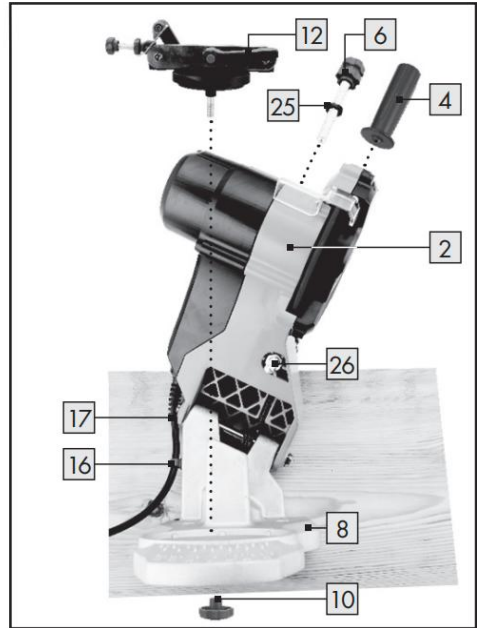
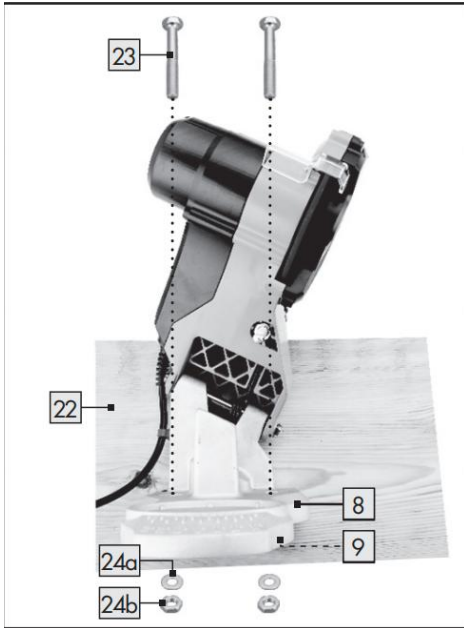
9.Never operate tool without the Grinding Wheel Cover in place.

10.Replacement grinding wheel listed speed must meet or exceed RPM rating of the tool.

Warning!!: This machine is designed to sharpen chain saw chains. Do not attempt to sharpen any other tools and do not attempt to grind any other objects.

Parts description





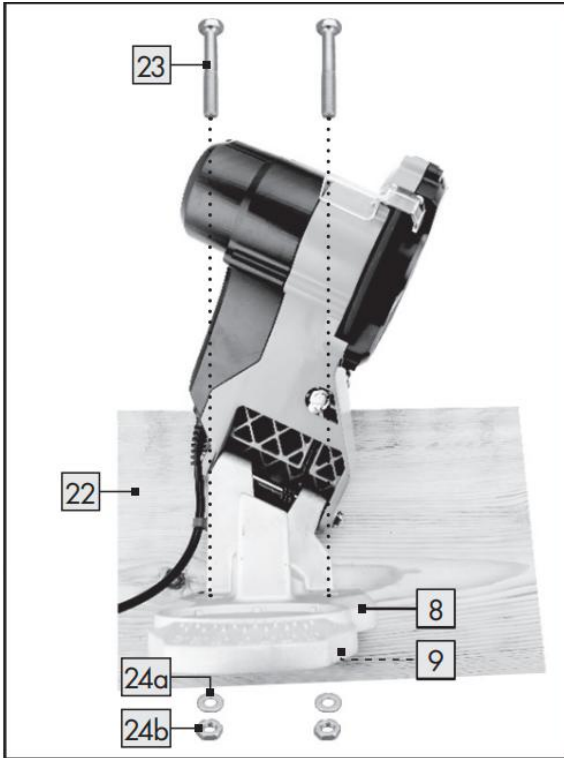
1 On/Off switch	14b Chain feed adjusting nut
1a On switch	15 Stop
1b Off switch	16 Cable holder
2 Grinding head	17 Power cord
3 Grinding disc cover	18aGrinding disc
4 Handle	18bGrinding disc nut
5 Grinding disc cover retaining screws	19 LED lamp(not shown)

6 Depth limiter adjusting screw and adjusting nut	20 Visual cover
7 Chain guide	21 Vents(not shown)
8 Grinding base	22 Bench
9 Stop notches	23 Screw(for bench mounting)
10 Chain vise locking screw	24a Washer(for bench mounting)
11Grinding angle scale(+35°to-35°)	24b Nut(for bench mounting)
12 Chain vise with rotary table	25 Washer (for adjusting screw)
13 Chain clamping lever	26 Lock nut(for adjusting screw)
14 Chain feed adjusting screw and adjusting nut	27 Tooth (saw chain)
14aChain feed adjusting screw	28 Depth limiter nose(saw chain)

Assembly

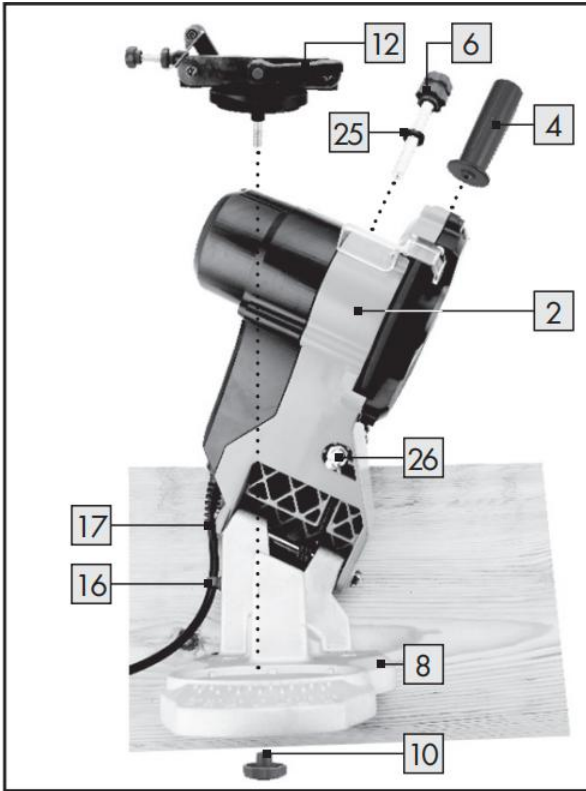
Product setup

- Use the stop notches 9 to position the product on the bench 22. The grinding base 8 must extend beyond the edge of the bench.
- Mark the mounting holes with a pencil and remove the product.
- Now drill two holes into the bench 22.
- Secure the grinding base to the bench using the included screws 23, washers 24a and nuts 24b.



Assembling the product

- Screw the handle 4 onto the grinding head 2.
- Loosen the locking screw 10 on the chain vise 12.
- Attach the chain vise 12 to the grinding base 8 and secure with the locking screw 10.
- If applicable, attach the power cord 17 inside the cable holder 16



Installing the adjusting screw

- Place the included washer 25 over the adjusting screw 6.
- Screw the adjusting screw 6 into the lock nut 26 inside the grinding head.

Operation

• Initial use

WARNING Failure to observe the following warnings can result in death or serious injuries.

Always unplug from power before working on the product.

CAUTION Failure to observe the following warnings may result in injuries or property damage.

Only use grinding discs and accessories recommended by the manufacturer. Using tools or accessories other than those recommended in the instructions for use may result in injury.

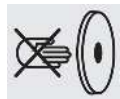
- Never operate the product without the visual cover.
- Do not use saw blades.
- Inspect the grinding disc before use: Check the clearance between the visual cover and grinding disc.
- Do not use damaged or deformed grinding discs.
- Do not switch on the product until it has been firmly secured to the bench.



Wear eye and hearing protection.



Wear cut-resistant safety gloves and, if necessary, an apron when working on the saw chain to prevent cuts.



Keep your hands away from the grinding disc and cutting teeth during use. Do not move the saw chain by hand. Risk of injury.

Warning ! Always unplug the unit while adjusting chain to be sharpened.

• Switching on and off

Note: Verify the voltage specified on the type plate corresponds with the voltage of the power source.

Note: Perform a test run of at least 30 seconds without load before using this product for the first time and after changing the grinding disc.

Switch the product off immediately if the grinding disc is out of round or you notice considerable vibration or an abnormal noise.

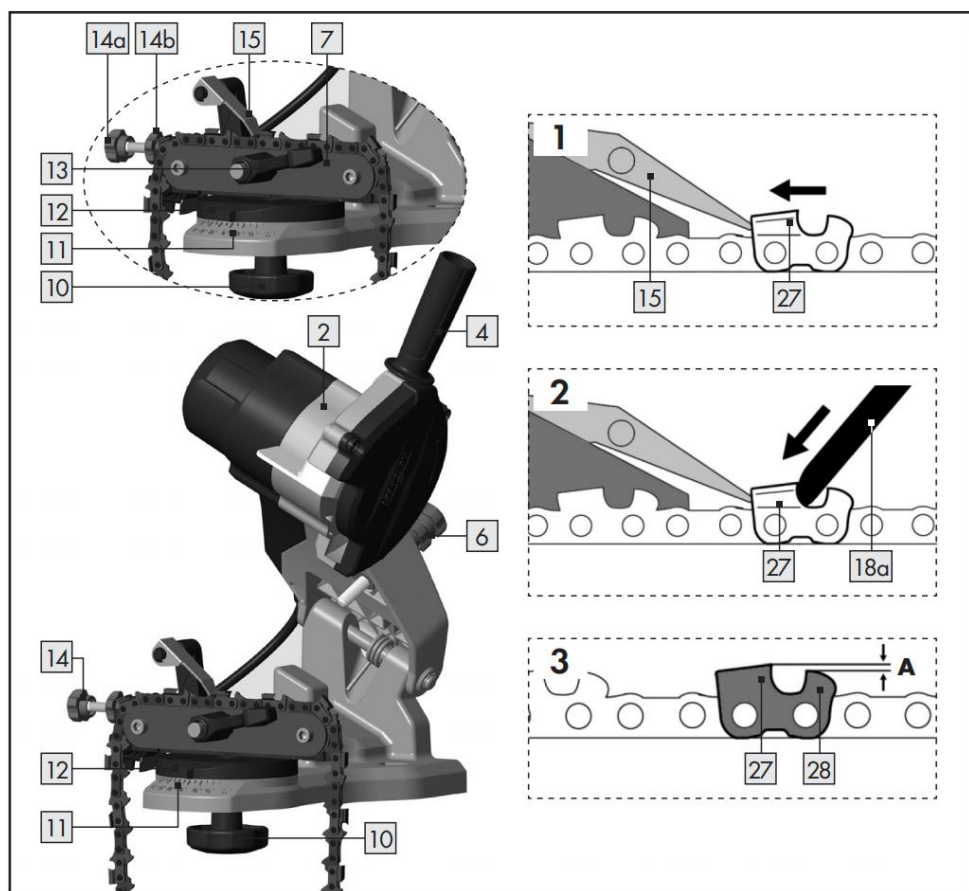
- 1.Plug the power cord into an outlet (note the line voltage).
- 2.Press the "I" ON switch (green) Ia to switch the product on.
- 3.Press the "O" OFF switch (red) Ib to switch the product off.
- 4.The grinding disc will continue to run after switching the tool off. Risk of injury.

Note: This product is equipped with an LED lamp. The LED lamp 19 automatically switches on when pressing the ON switch Ia. The LED lamp automatically switches off when pressing the OFF switch Ib.

Note: This product is equipped with anti-restart protection: The product will not automatically restart after a power interruption or overload.

To restart the product, press the "I" ON switch (green) Ia and the product will start.

• Sharpening a saw chain



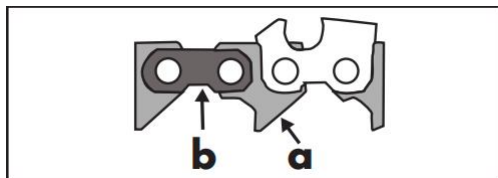
Note: Be sure to keep the vents clear when working in dusty environments (see "Maintenance and cleaning").

CAUTION If jammed, switch off and unplug the product. Then clear the jam.

CAUTION An incorrectly sharpened saw chain may damage the product and increase the risk of saw kickback!

Be sure to adjust the saw chain accurately. Note the correct sharpening angle and minimum chain size. Remove as little material as possible.

Do not sharpen drive links (a) or tie straps (b) or the saw chain may break. Failure to do so poses a risk of accidents when using the chain saw.



Note: Clean the saw chain before sharpening. Clean any greasy wood residue or oil residue with a brush or rag.

Note: All cutting links must be the same length and width after sharpening.

Note: The saw chain is worn and must be replaced if the cutter tooth is only $\frac{3}{4}$ in (4 mm).

Inserting the saw chain:

- Turn the clamping lever 13 counter-clock-wise to open the chain guide. You will need to return the clamping lever to the original position several times to do so. To unlock the clamping lever, pull the clamping lever outward, then return to the original position and allow to lock into position. Insert the saw chain in the chain guide 7.

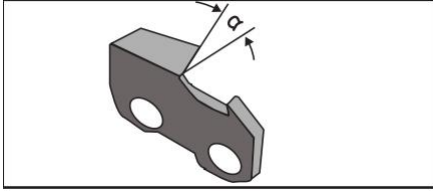
The cutting edges must face the grinding disc 18a.

- Flip down the stop 15 and pull the saw chain toward the back until the cutting tooth 27 to be sharpened makes contact with the stop (see Fig. 1).

Adjusting the grinding angle:

- Loosen the locking screw 10 and set the necessary grinding angle α on the rotary table for the chain vise 12 using the scale I1, Then tighten the locking screw 10.

Note: Use the grinding angle specified by the manufacturer.



Adjusting the stop:

- Move the grinding head 2 down on the handle 4 with the motor switched off.
- Use the chain feed adjusting screw 14a to move the cutting tooth 27 toward the grinding disc 18a until the cutting tooth makes contact with the grinding disc (see Fig. 2).
- Secure the adjusting screw 14a with the adjusting nut 14b.
- Secure the links in the chain guide 7 by turning the clamping lever 13 clockwise.
- Use the adjusting screw 6 to set the depth limiter so the grinding disc 18a makes contact with the gullet (see Fig. 2). Use the adjusting nut & to set the grinding depth.

Sharpening:

- Switch on the product (see section "Switching on and off").
- Sharpen the cutting tooth 27 by moving the grinding head 2 down, applying light pressure to the handle 4.

Never brake the grinding disc 18a to a stop. To prevent this, reduce the pressure being applied early.

- Switch the product off to move the saw chain. Loosen the clamping lever 13 and use the set stop 15 and the clamping lever to secure the next link to be sharpened in the chain guide 7.

Note: First sharpen the teeth on one side of the chain. Then adjust the sharpening angle and sharpen the teeth on the other side.

Checking the depth limiter distance (see Fig. 3):

The cutting parts of the saw chain are the cutting links, consisting of a cutting tooth 27 and a depth limiter nose 28. The height distance between these two determines the depth limiter distance A.

- Check the depth limiter distance A according to saw chain manufacturer specifications after every third sharpening.
- Rasp the height of the depth limiter nose 28 with a flat file and slightly round after removing the depth limiter nose. The original shape must be maintained.

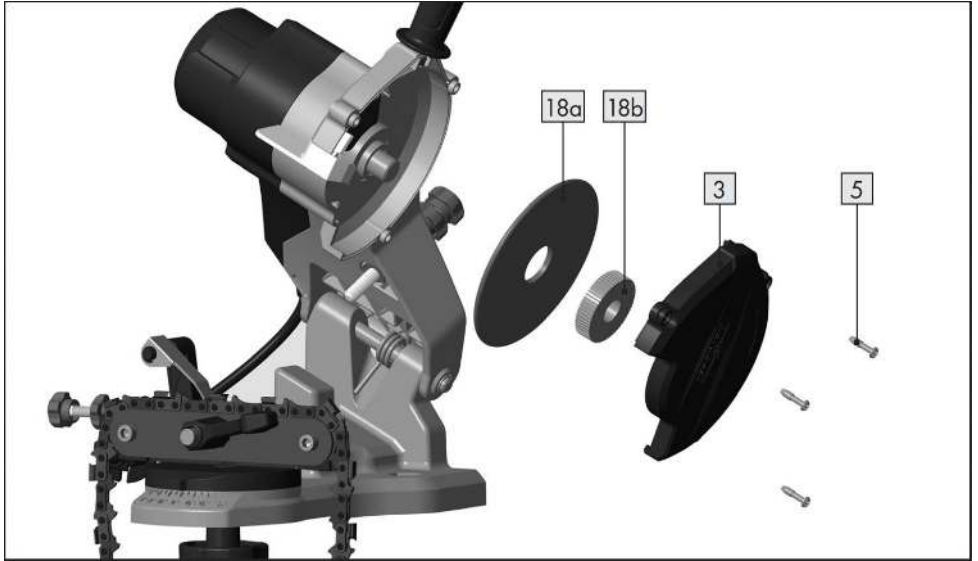
Maintenance and cleaning

WARNING Always unplug the product before making adjustments, service or repairs.

WARNING Have any work not described in these instructions for use performed by a specialist workshop. Always use genuine parts. Allow the product to cool down before performing any maintenance or cleaning. Risk of burns.

WARNING Check the product for any damage such as loose, worn or damaged parts, correctly fastened screws or other parts before every use. Especially inspect the grinding disc 18a. Replace any damaged parts.

Replacing the grinding disc



Information about replacing the grinding disc:

WARNING Switch off and unplug the product. Allow the product to cool down.

CAUTION Never operate the product without the visual cover 20

CAUTION Verify the speed specified on the grinding disc 18a is equal to or greater than the rated idle speed of the product.

Verify the dimensions of the grinding disc fit the product. If the max. rotational speed of the disc is too low for the product it could break!

CAUTION Always use grinding discs in good condition.

CAUTION Do not widen the uptake bore in the grinding disc if it is too small.

CAUTION Do not use separate reducing bushings or adapters to fit grinding discs if the bore is too large.

CAUTION Do not use saw blades.

CAUTION Always completely reassemble the product after replacing the grinding disc.

- Loosen the 3 retaining screws 5 and remove the grinding disc cover 3.
- Unscrew the grinding disc nuts 18b by hand.

- Remove the grinding disc 18a from the holder.
- Place the new grinding disc on the uptake and tighten the grinding disc nuts by hand.
- Reinstall the grinding disc cover 3

Note: Do not overtighten the grinding disc nuts to prevent the grinding disc and nut from breaking

- Perform a test run of at least 30 seconds without load before using this product for the first time and after changing the grinding disc. Switch the product off immediately if the grinding disc is out of round or you notice considerable vibration or an abnormal noise.

Storage

WARNING Store the product in a dry location protected from dust, out of the reach of children.

Note: Grinding discs must be stored dry and upright, never stack.

Disposal

Dispose of the packaging through your local recycling facilities and in compliance with all federal, state and local regulations.



Please note the package markings regarding waste separation, indicated by abbreviations (a) and numbers (b), meaning: 1-7: plastics / 20-22: paper and cardboard / 80-98: composite materials.



Contact your local waste management authority for additional information on how to dispose of the used product.

To help protect the environment, please dispose of the product properly when it has reached the end of its useful life, do not throw in the garbage. Information on collection sites and their opening hours is available from your local authority.

Cleaning

NOTICE: Do not use cleaners or solvents. Chemicals may damage plastic parts on this product. Never clean the product under running water.

- Clean the product after every use.
- Clean the vents 21 and the surface of the product with a soft brush or a cloth.
- Clean the chain guide 7 with a brush.
- If very dirty, loosen the chain vise locking screw 10 and remove the chain vise with rotary table 12 for better access. We recommend removing the side panels for cleaning.

Specifications

Voltage	AC120V 60Hz
Rated Power	85Watts
No load Speed	5000RPM
Table/Vise Angles	35 Degrees Right to Left

Manufacturer:Zhejiang JiaHong Tools Manufacture Co., Ltd.

Address:No. 2-1 Xinzhong Dong Road, Xinbi District, Jinyun Town
321400 Lishui, Zhejiang, P.R. China

