

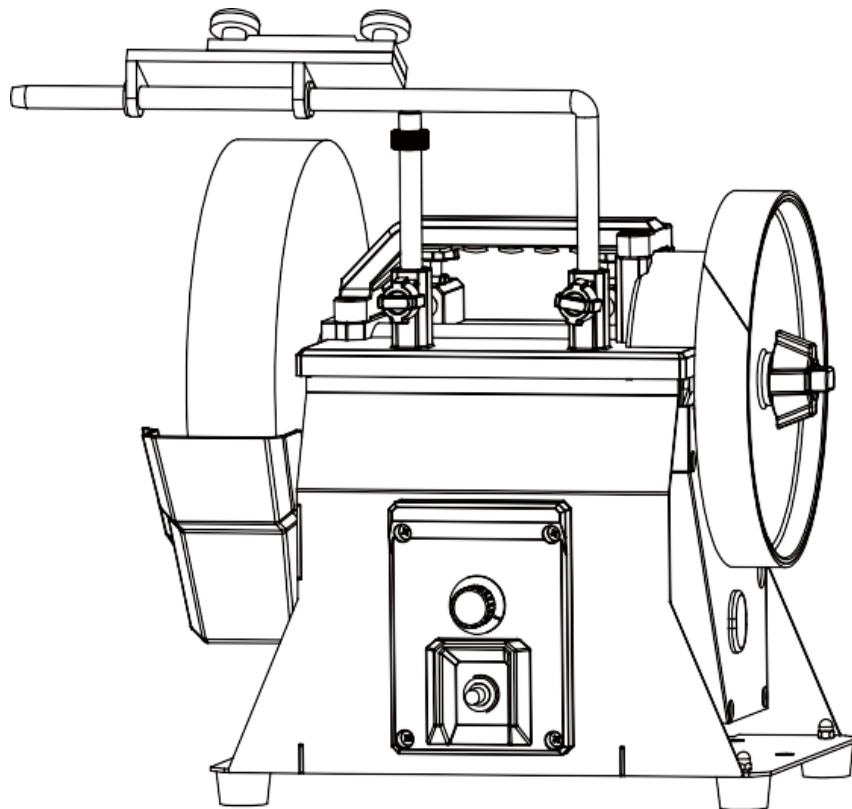


Busy Bee Tools

BBVSW10

VARIABLE SPEED WET STONE SHARPNER

User Manual



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V1.0-2026

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Introduction

We take great pride in introducing our model BBVSW10 variable speed wet stone sharpener, which is a distinguished addition to the expanding Busy Bee Tools family of exceptional machinery. Adhering to the comprehensive guidelines outlined in this manual will ensure years of reliable and enjoyable performance in keeping with Busy Bee Tools' unwavering commitment to customer satisfaction. We are delighted to provide you with this manual for the BBVSW10. It has been meticulously crafted to assist you in the assembly process, ensure safety compliance, and cover essential operational procedures. Our goal is to deliver comprehensive documentation possible to facilitate your experience. The specifications, drawings, and photographs featured in this manual accurately depict the BBVSW10 as it was configured when this manual was produced. Nevertheless, adjustments and enhancements may be implemented at any time, with no obligation on Busy Bee Tools' part. In keeping with Busy Bee Tools' continuous improvement policy and to enhance your convenience, we maintain an up-to-date repository of Busy Bee Tools manuals on our website at www.busybeetools.com. Any updates or modifications to your machine will be promptly reflected in these manuals. We encourage you to visit our website regularly to access the latest revisions to this manual and to stay informed about your equipment's optimal operation. Your satisfaction and safety are our top priorities, and we are committed to ensuring that your experience with the BBVSW10 variable wet stone sharpener is exceptional.

Should you require additional assistance or have further questions, please do not hesitate to contact our dedicated Customer Service and Technical Support Department at:

Email us at: cs@busybeetools.com

Call us Toll Free: 1-800-461-2879.

Busy Bee Tools Head Office

130 Great Gulf Drive

Concord ON, L4K 5W1

Or at any of our branches across Canada.

For more information visit our website www.busybeetools.com

Our team of experts is here to provide the guidance and support you need and ensure the safe and efficient operation of your machine. We are committed to assisting you in any way we can. Your satisfaction and safety are our top priorities.



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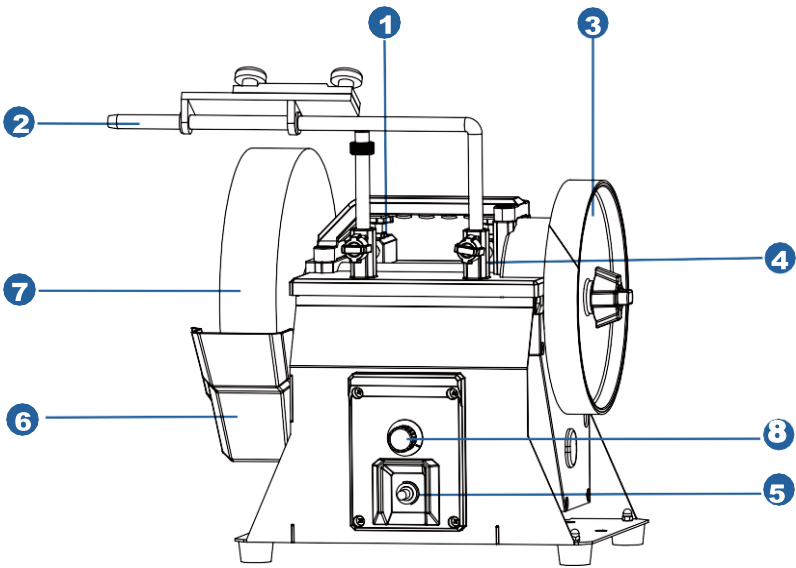
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Section 1: Machine Identification and Specifications

Identification:

Number	Description
1	Horizontal mounts with knobs
2	Universal Support
3	Leather Stropping Wheel
4	Vertical Mounts with Knobs
5	Power Switch
6	Water Reservoir
7	Grinding Wheel
8	Variable Speed Knob



Specifications:

Motor	120VAC, 60Hz , S1 1.0A, S2 30min 1.2A
Wet Wheel size	10" x 2" x 1/2"
Stropping wheel size	8"
Wheel speed	90~160RPM

Section 2: Machine and Shop safety

General Shop Safety

Read and understand all safety warnings and instructions before operating this tool. Failure to follow these instructions may result in electric shock, fire, and/or serious personal injury.

Safety Guidelines – Definitions

This section explains safety terminology used throughout this manual to alert the user to potential hazards and to provide instructions for safe operation.

Work Area Safety

1. Keep the work area clean and adequately illuminated. Cluttered or poorly lit areas increase the risk of accidents.
2. Do not operate power tools in explosive environments, including areas containing flammable liquids, gases, or dust. Power tools generate sparks that may ignite such materials.
3. Keep children and bystanders at a safe distance while operating a power tool. Distractions can result in loss of control.

Electrical Safety

1. Power tool plugs must match the power outlet. Do not modify the plug or use adapter plugs with grounded (earthed) tools. Properly matched plugs and outlets reduce the risk of electric shock.
2. Avoid contact with grounded surfaces such as pipes, radiators, stoves, and refrigerators. Grounded contact increases the risk of electric shock.
3. Do not expose power tools to rain or wet conditions. Moisture entering the tool increases the risk of electric shock.
4. Handle the power cord properly. Do not use the cord to carry, pull, or unplug the tool. Keep the cord away from heat, oil, sharp edges, and moving parts. Damaged or tangled cords increase the risk of electric shock.
5. When operating a power tool outdoors, use an extension cord rated for outdoor use to reduce the risk of electric shock.

6. If operation in a damp location is unavoidable, use a Ground Fault Circuit Interrupter (GFCI) protected power supply. GFCI protection reduces the risk of electric shock.

Personal Safety

1. Remain alert and use sound judgment when operating a power tool. Do not operate the tool while fatigued or under the influence of drugs, alcohol, or medication. Inattention can result in serious injury.
2. Wear appropriate personal protective equipment (PPE). Always use eye protection. Additional protective equipment such as respiratory protection, non-slip safety footwear, and hearing protection should be used as required.
3. Prevent accidental starting. Ensure the power switch is in the OFF position before connecting the tool to a power source, picking it up, or carrying it.
4. Remove all adjusting keys and wrenches before turning the tool ON. Tools left attached to rotating parts can cause serious injury.
5. Maintain proper footing and balance at all times. Proper stance improves control of the tool during unexpected situations.
6. Wear appropriate clothing. Do not wear loose garments or jewelry. Secure long hair and keep clothing away from moving parts to prevent entanglement.
7. If dust extraction or collection devices are provided, ensure they are properly connected and used. Effective dust collection reduces exposure to dust-related hazards.

Power Tool Use and Care

1. Do not force the power tool. Use the appropriate tool for the intended application. A properly selected tool will perform the task more efficiently and safely at its designed operating capacity.
2. Do not operate the power tool if the ON/OFF switch does not function correctly. Any tool that cannot be controlled by the switch is unsafe and must be repaired before use.

3. Disconnect the plug from the power source, and/or remove the battery pack, before adjusting, changing accessories, or storing the tool. These preventive measures reduce the risk of accidental startup.
4. Store power tools out of the reach of children. Do not allow individuals unfamiliar with the tool or these instructions to operate it. Power tools can be hazardous when used by untrained operators.
5. Maintain the power tool properly. Inspect for misalignment or binding of moving parts, broken components, or any condition that may impair safe operation. If damage is detected, have the tool serviced before use. Many accidents result from inadequate maintenance.
6. Keep cutting tools sharp and clean. Properly maintained cutting edges reduce the likelihood of binding and improve control during operation.
7. Use the power tool, accessories, and attachments in accordance with these instructions, considering the working conditions and the specific task. Using the tool for unintended applications may result in hazardous conditions.
8. Secure the workpiece using clamps or a suitable holding device. Supporting the workpiece by hand or against the body may lead to loss of control.
9. Ensure all guards are properly installed and in good working condition before operating the tool.

reach full operating speed for approximately one minute to ensure stability and detect any abnormal conditions.

- 4- Disconnect the power supply before changing accessories, performing adjustments, grinding operations, or servicing. Always switch the tool OFF and allow all moving parts to come to a complete stop before making contact.
- 5- Use only accessories rated for speeds that meet or exceed the maximum speed specified for the tool.
- 6- Ensure the tool is properly installed and wired in accordance with applicable local electrical codes and regulations.
- 7- Do not operate the tool while fatigued or under the influence of drugs, alcohol, or medication.
- 8- Do not wear loose clothing, gloves, or jewelry. Secure long hair and fasten loose garments to prevent entanglement.
- 9- Maintain proper spacing between tool rests and sanding or grinding surfaces. Clearance must not exceed 1/8 in.
- 10- Servicing of this tool must be performed only by qualified personnel.

Failure to follow these safety rules may result in serious personal injury.

Sharpener Safety Instructions

General Safety Rules

- 1- Always wear approved eye protection and an appropriate respirator during operation.
- 2- Ensure all guards and eye shields are properly installed, adjusted, and securely fastened before use.
- 3- Stand to one side of the rotating accessory at startup. Switch the tool ON and allow it to

- 11- **Cleaning** Do not use solvents to clean plastic components. Solvents may damage or degrade the material. Clean plastic parts using only a soft, damp cloth.
- 12- **Replacement Parts** If any component of the sander is missing, damaged, or fails to operate properly, immediately switch the machine OFF and disconnect it from the power supply. Replace defective or missing components using only identical replacement parts before resuming operation.

Additional Specific Safety Rules

1. Do not operate this machine until it is completely assembled and properly installed in accordance with the instructions. Incorrect assembly may result in serious injury.
2. Obtain guidance from a supervisor, instructor, or other qualified individual if you are not thoroughly familiar with the operation of this machine.
3. Follow all applicable wiring codes and recommended electrical connections to prevent electric shock or electrocution.
4. Always use the supplied blotters and wheel flanges when mounting grinding wheels to the shaft. Improper mounting may cause wheel damage or separation, resulting in high-speed ejection of fragments.
5. Use only grinding wheels rated for speeds equal to or greater than the machine's maximum operating speed.
6. Use only grinding wheels with a bore that exactly matches the machine arbor. Never modify or machine a wheel to fit the arbor.
7. Do not overtighten the wheel nut.
8. Do not use a grinding wheel that vibrates. Dress or replace the wheel, or inspect and replace shaft bearings as required.
9. Inspect grinding wheels for cracks, damage, or missing fragments before starting the machine. Replace damaged wheels immediately.
10. Adjust eye shields close to the grinding wheel and readjust them as the wheel wears. Sparks can cause fire or injury.
11. Ensure eye shields are always properly installed, adjusted, and securely fastened.
12. Adjust tool rests to within 1/8 in. (3 mm) or less of the grinding wheel. Securely tighten the tool rests and readjust them as the wheel wears to prevent the workpiece from being drawn into the wheel.
13. Ensure the machine is securely mounted to a bench or stand before starting the motor.
14. Stand to one side of the grinding wheel during startup. Wheel fragments may be expelled at high speed.
15. Never grind on a cold wheel. Run the machine for at least one minute before applying the workpiece to allow the wheel to stabilize.
16. Never start the machine with the workpiece in contact with the grinding wheel.
17. Thoroughly clean the machine when processing different materials such as wood, steel, or aluminum. Mixing wood and metal dust may create a fire or explosion hazard. Do not grind or polish magnesium.
18. Never operate the machine near flammable gases or liquids. Sparks may cause fire or explosion.
19. Avoid awkward or unstable hand positions. A sudden slip may cause hands to contact the wheel.
20. Keep arms, hands, and fingers away from the grinding wheel during operation.
21. Always use the tool rest and hold the workpiece firmly with both hands while grinding.
22. Dress the grinding wheel on the face only. Dressing the side may weaken the wheel.
23. Grind workpieces using the face of the grinding wheel only.
24. Never apply coolant directly to the grinding wheel. Coolant may weaken the wheel bond and cause failure. Cool the workpiece by dipping it in water instead.
25. Do not touch the ground portion of a workpiece until it has cooled sufficiently.
26. Properly support long or wide workpieces to maintain control during grinding.

27. Never perform layout, assembly, or setup operations on the table or work area while the machine is running.
28. Turn the machine OFF, disconnect it from the power source, and clean the work area before leaving the machine. Lock the switch in the OFF position to prevent unauthorized use.

Read, understand, and follow all instructions in this manual before operating the tool. Ensure that all operators have read and understood these instructions prior to use.

Electrical Safety

A dedicated electrical circuit must be used for this machine. The circuit shall be wired with a minimum of No. 12 AWG conductors and protected by a 20 A time-delay (slow-blow) fuse. If an extension cord is required, use only a three-wire extension cord equipped with a three-prong grounding-type plug and a matching grounded receptacle capable of accepting the machine plug.

Before connecting the machine to the power supply, ensure the ON/OFF switch is in the OFF position and that the electrical supply characteristics match those specified on the machine nameplate. All electrical connections must be secure and make proper contact. Operation at reduced voltage will result in motor damage and reduced performance.

Motor Specifications: This machine is wired for 120 V, 60 Hz alternating current. Verify that the power switch is in the OFF position before connecting the machine to the power source.

Grounding Instructions: This machine must be grounded. Grounding provides a low-resistance path for electrical current in the event of a malfunction or breakdown, reducing the risk of electric shock. The machine is equipped with a power cord that includes a grounding conductor and a grounding plug.

DANGER

- Do not expose the machine to rain.

- Do not operate the machine in damp or wet locations.
- The machine must be properly grounded during operation to protect the operator from electric shock.

The grounding plug must be connected to a properly installed and grounded outlet in accordance with all applicable local electrical codes and regulations. Do not modify the supplied plug. If the plug does not fit the outlet, have a properly grounded outlet installed by a qualified electrician.

Improper connection of the equipment grounding conductor can result in electric shock. The grounding conductor is identified by green insulation, with or without yellow stripes. If the power cord or plug requires repair or replacement, do not connect the grounding conductor to a live terminal.

If there is any uncertainty regarding grounding instructions or the grounding status of the machine, consult a qualified electrician or service technician.

Use only three-wire extension cords with three-prong grounding-type plugs and matching three-conductor receptacles suitable for the machine plug. Inspect cords regularly and replace any damaged or worn cords immediately.

Extension Cord Guidelines and Recommendations

When using an extension cord, select one capable of carrying the current required by the tool. Using an undersized cord may result in voltage drop, reduced tool performance, and overheating. The correct cord size depends on both cord length and the tool's amperage rating. When in doubt, choose a heavier-duty cord. Note that a smaller gauge number indicates a thicker, heavier-duty cord.

AMP	REQUIRED GAUGE FOR EXTENSION CORDS			
	25 ft.	50 ft.	100 ft.	150 ft.
0 to 6A	18 gauge	16 gauge	16 gauge	14 gauge

Extension Cord Safety and Electrical Requirements

1. **Inspect Extension Cord Before Use**
Ensure the extension cord is correctly wired

and in good condition. Replace any damaged cord or have it repaired by a qualified professional before use.

2. Proper Handling of Extension Cord

Do not pull on the cord to disconnect it from the outlet; always disconnect by gripping the plug. Always disconnect the extension cord from the power source before disconnecting the tool. Protect the cord from sharp edges, excessive heat, and moisture or wet environments.

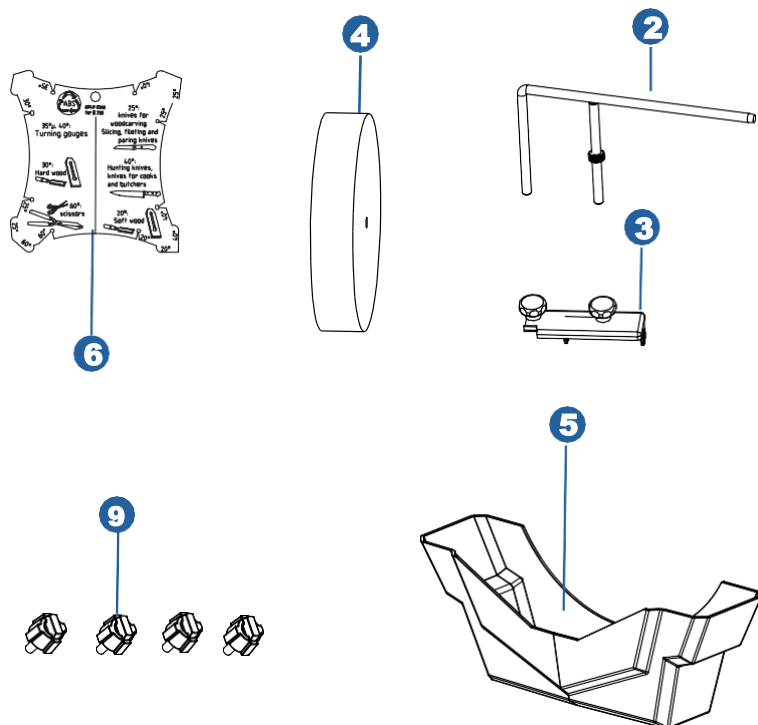
3. Dedicated Electrical Circuit

Operate the tool on a separate electrical circuit. The circuit should use a minimum of 12-gauge wiring and be protected by a 15 A time-delayed fuse. Before connecting the tool to the power source, ensure the switch is in the OFF position. Verify that the line voltage matches the rating specified on the motor nameplate. Operating at a lower voltage may cause motor damage.

Section 3: Package Content

Packing List:

No.	Description	Qty.
1	Sharpener (not shown)	1
2	Universal support	1
3	Grinding jig	1
4	Wet Grinding wheel	1
5	Water reservoir	1
6	Angle guide	1
7	Honing compound	1
8	Wrench	1
9	Lock knob	4



Section 4: Assembly and Operations

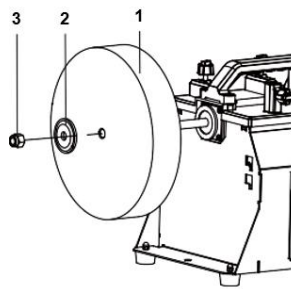
General Safety Notice

Do not connect the tool to the power source or operate it until it is fully assembled in accordance with the instructions. Failure to follow these safety precautions may result in serious personal injury.

Assembly and Adjustments

Mounting the Wet Stone

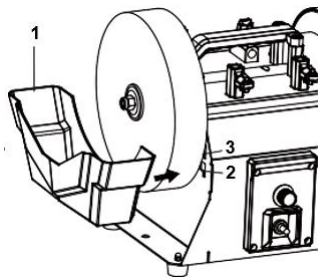
The sharpener is supplied with the wet stone (1) removed from the machine. Ensure the machine is unplugged before installing the wet stone.



1. Remove the nut (3) and outer flange (2) from the main shaft.
2. Slide the wet stone onto the shaft.
3. Reinstall the outer flange (2) and nut (3) and tighten securely to retain the stone.

Mounting the Water Tank

1. Align the notches on the water reservoir (1) with the two lower mounting slots (2) on the machine and slide the reservoir into position.



Note: Two mounting positions are provided on the grinding wheel side of the machine.

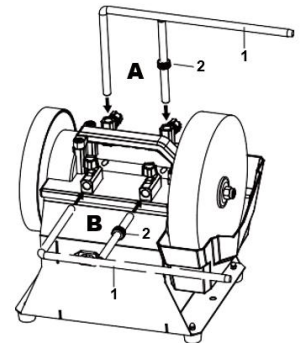
- For new grinding wheels, use the lower mounting slots (2).
- As the wheel wears, reposition the water reservoir to the upper mounting slots (3) to maintain proper water contact.

Installing the Universal Support

The universal support (1) functions as both a work rest and a support arm for various jigs. It may be installed in either the vertical (Position A) or horizontal (Position B) orientation.

Position A — Against Wheel Rotation

Grinding against the rotation removes material more aggressively. This position is recommended for shaping blades or sharpening axes. In this configuration, the grinding wheel rotates toward the operator.



Position B — With Wheel Rotation

Grinding with the rotation provides greater control and finer material removal. This position is recommended for precision sharpening tasks such as knives, scissors, and carving tools. In this configuration, the grinding wheel rotates away from the operator.

Use the bi-directional power switch to change the direction of wheel rotation. Always remove the workpiece from the machine before changing the rotation direction.

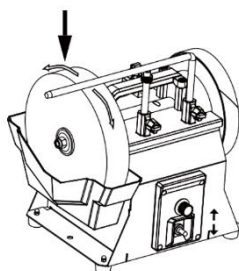
Mounting the Universal Support

1. Choose the appropriate mounting position for the universal support. Orient the support arm so that it extends over the grinding wheel to be used.
2. Loosen the mounting locking knobs and slide the support into the mounting bushings.
3. Adjust the height of the support to suit the workpiece and the operation. Refer to the **Angle Guide** for setting the correct bevel angle for your blade.

4. Use the fine adjustment nut (2) on the threaded bar to make precise adjustments to the support. Ensure the support arm is completely parallel and level with the wheel face, whether mounted vertically or horizontally.
5. Secure the support by tightening both locking knobs firmly.

Grinding Against Wheel Rotation

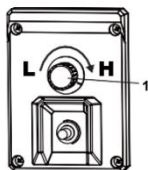
This sharpener is equipped with a bi-directional power switch that allows the grinding wheel to rotate in either direction.



- **Flip the power switch UP:** The grinding wheel rotates counterclockwise.
- **Flip the power switch DOWN:** The grinding wheel rotates clockwise.

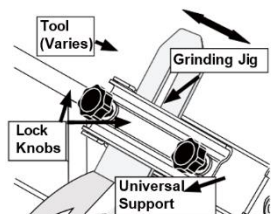
Variable Speed Control

1. To **increase** wheel speed, rotate the variable speed control knob (1) clockwise.
2. To **decrease** wheel speed, rotate the variable speed control knob (1) counterclockwise.



Grinding Jig

The grinding jig supplied with the wet sharpener is designed to securely hold a variety of tools and allows grinding either with or against the rotation of the wheel.



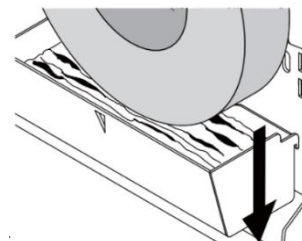
Mounting the Grinding Jig

1. **Disconnect the sharpener from the power source** before installation.
2. Attach the grinding jig to the universal support as illustrated in the manual.
3. Place the tool into the jig clamp.

4. Use the **Angle Guide** to set the desired grinding angle.
5. Tighten both locking knobs to secure the tool firmly in place.

Water Reservoir

1. Fill the water reservoir to just below the V-shaped notch and attach it to the sharpener.



Note:

- If the sharpener will not be used immediately, do **not** leave the grinding wheel submerged in water.
- Remove the reservoir to prevent wheel damage and reduce hazards associated with storing the wheel in water.

Caution:

- Always lock the power switch in the **OFF** position when the sharpener is not in use.

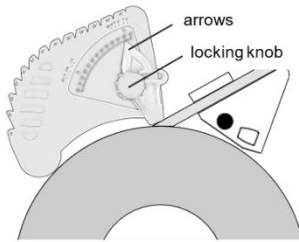
Sharpener Water Reservoir Tips

- **Check Water Level:** Verify the water level before each use. Ensure the grinding wheel is properly wetted prior to operation.
- **Avoid Prolonged Submersion:** Do not leave the wheel stored in water for extended periods. Prolonged submersion can damage the wheel and create imbalance hazards.
- **Post-Use Care:** After completing any sharpening process, return the reservoir to storage. Empty, rinse, and refill the reservoir regularly to prevent buildup of metal filings.
- **Metal Filings Management:** Place a mesh or filter in the reservoir to catch metal filings. This prevents excessive accumulation on the wheel, which could affect performance and safety.

Using the Angle Guide

The angle guide is provided to help identify and maintain the correct cutting angle on a variety of tools.

1. Mount the blade in the grinding jig and attach the support arm to the mount.
2. Use the gauge on the outside of the angle guide to determine the current bevel angle of the blade.
3. Loosen the angle guide locking knob and rotate the protractor so the arrows align with the grindstone diameter marking.
4. Set the pointer to the desired bevel angle for the blade and tighten the locking collar to secure the setting.
5. Thread the grinding jig onto the support arm so the blade rests against the grindstone.
6. Position the curved foot of the angle guide on the grindstone, ensuring the flat section of the pointer contacts the blade.
7. Adjust the height of the support arm using the Support Arm Height Adjuster until the flat section of the pointer lies flush against the blade.
8. The grinding angle is now correctly set and ready for sharpening.



- When grinding metal, the workpiece heats quickly. Move the workpiece steadily back and forth across the wheel and use the coolant tray frequently to prevent overheating.

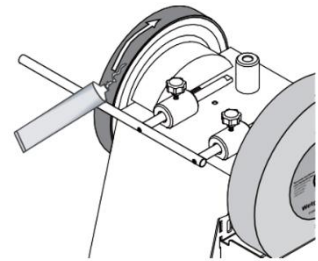
Sharpening with the Stropping Wheel

The leather stropping wheel, used with the included abrasive stropping paste, can produce a razor-sharp edge on many tools. Proper preparation of the wheel is required before use.

Note: A slight wobble of the stropping wheel during rotation is normal and does not affect performance.

Preparing the Stropping Wheel

1. Evenly apply a light machine oil to the leather wheel. Use enough oil to coat the surface thoroughly but avoid over-saturating the leather.
2. Apply a thin layer of abrasive honing paste to the leather using a wooden spreader or similar tool.
3. Rotate the wheel by hand while spreading the paste to ensure even coverage.
4. Connect the machine to the power supply, turn it on, and continue spreading the paste in a light circular motion with the spreader until fully distributed.
5. The wheel is now ready for sharpening.



Wheel Dressing

Depending on the type of wheel and usage, the grinding wheel may require periodic dressing to restore its abrasive surface and correct wheel profile. Various dressing tools are available (not included) for this purpose. Proper dressing maintains the wheel's cutting efficiency and ensures the wheel edge remains true.

- Follow the instructions provided with your specific dressing accessory for detailed guidance.

Maintenance Tip: This preparation is sufficient for approximately five to ten tools. If sharpening performance decreases or more than ten tools have been stropped, repeat the oiling and paste application process.

Section 5: Maintenance and Troubleshooting

Routine Maintenance

Before each use, carefully inspect the overall condition of the sharpener. Do **not** operate the machine if any of the following conditions are present until the affected parts have been repaired or replaced:

- Loose hardware or fasteners
- Misalignment or binding of moving parts
- Damaged electrical cord or wiring
- Cracked, broken, or worn components
- Any other condition that could compromise safe operation

Performing this inspection ensures the machine operates safely and reduces the risk of accidents or equipment damage.

Cleaning and Storage

1. Keep all ventilation openings clear of dust and debris to prevent motor overheating.
2. Use a vacuum or low-pressure compressed air to remove dust and debris from tool surfaces, motor housing, and the work area.
3. Wipe all tool surfaces with a soft cloth or brush. Ensure that no water enters the tool.

Caution: Most plastics are sensitive to damage from commercial solvents. Do not use gasoline, carbon tetrachloride, chlorinated solvents, or ammonia-containing detergents on plastic components.

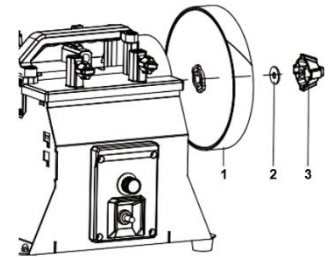
4. Empty the water reservoir and allow the grinding wheel to dry completely before storage. Do not store the machine with a wet or damp wheel.
5. Store the tool in a clean, dry location out of the reach of children, maintaining ambient temperatures between 41°F and 86°F.
6. Cover the machine to protect it from dust and moisture. Ideally, store it in its original packaging along with the instruction manual and all accessories.

Lubrication

Inspect the gearbox monthly and apply a small amount of white lithium grease as necessary to maintain smooth operation.

Replacing the Stropping Wheel

Before each use, inspect the leather stropping wheel for damage or excessive wear. If replacement is required, follow these steps:

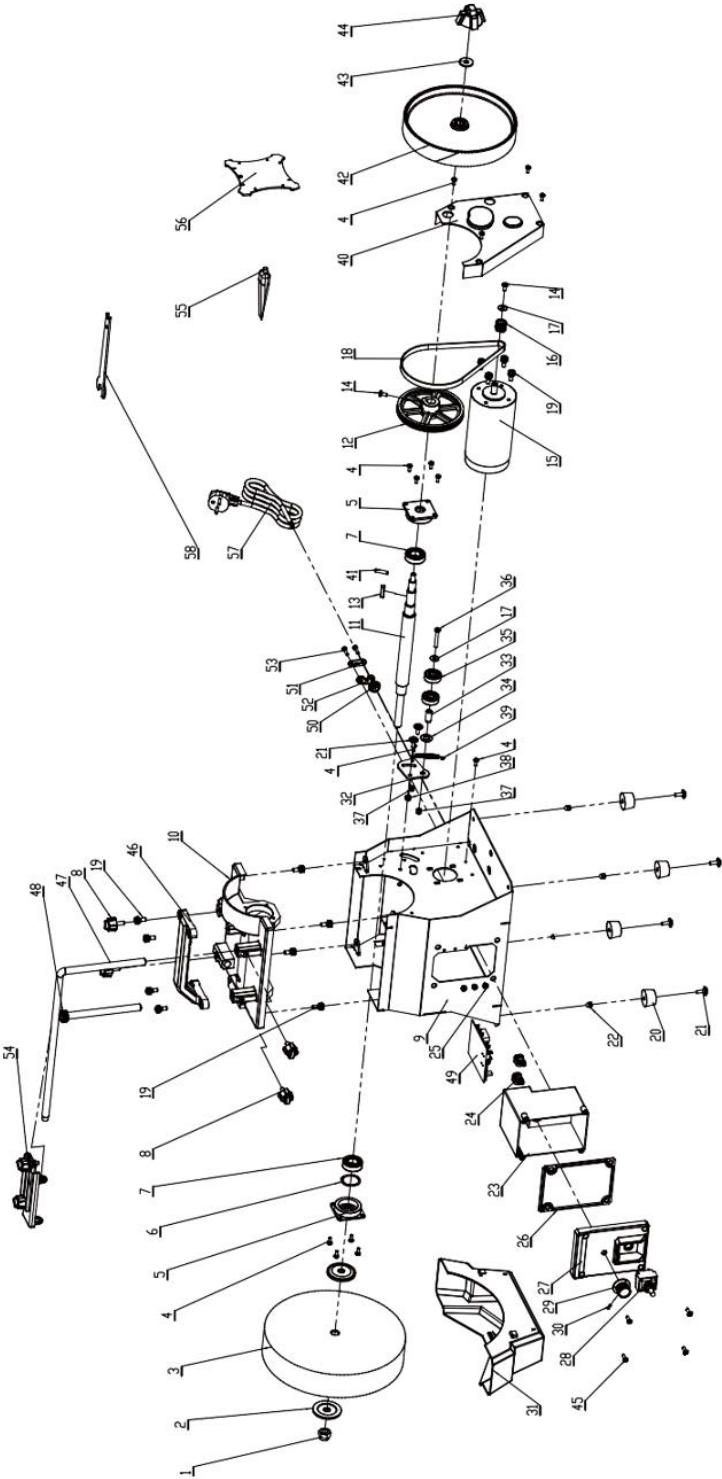


1. Unscrew the locking knob (3).
2. Remove the outer flange (2) and the worn stropping wheel (1) from the spindle. Install a new stropping wheel in its place.
3. Reinstall the outer flange and the locking knob and tighten the locking knob by hand to secure the wheel.

Troubleshooting

SYMPTOM	PROBABLE CAUSE	CORRECTIVE ACTION
Motor will not start.	Low voltage.	Check power source for proper voltage.
	Open circuit in motor or loose connections.	Inspect all connections on motor for loose or open connections. (Send for Servicing.)
	Blown fuse or breaker.	Replace fuse or reset breaker.
Motor overheats.	Motor overloaded.	Reduce load on motor.
	Extension cord too long and of insufficient gauge (weight).	Utilize an extension cord of appropriate gauge and length or plug tool directly into outlet.
Motor stalls (resulting in blown fuses or tripped circuit).	Short circuit in motor or loose connections.	Inspect connections on motor for loose or shorted terminals or worn insulation. (Send for servicing)
	Low voltage.	Correct low voltage conditions (for example: improper extension cord length and/or gauge).
	Belt loosen.	Tighten the drive belt.
	Motor overload.	Reduce the load on the motor.
Stropping wheel loses performance	preparations	Prepare wheel.
	Wheel is damaged	Replace wheel.
Wavy condition on surface of workpiece.	Machine vibrating.	Make sure machine is securely positioned on a level surface.
	Workpiece is not held in place firmly.	Use a holding device to firmly retain the workpiece.
	Wheel face uneven.	Dress the grinding wheel.

Section 6: Diagram and Parts List



Parts List

Ref. #	Parts Number	Description	Qty.
1	PBBVSW1001	Hex Nut-M12 R (m8.5)	1
2	PBBVSW1002	Chuck	2
3	PBBVSW1003	Grinding wheel	1
4	PBBVSW1004	Cross recessed pan head screws-M4×10	14
5	PBBVSW1005	Bearing block	2
6	PBBVSW1006	Wave spring-D35	1
7	PBBVSW1007	Deep groove ball bearing-6003-2RZ	2
8	PBBVSW1008	M6x16 handle	4
9	PBBVSW1009	Base assy	1
10	PBBVSW1010	Bearing housing	1
11	PBBVSW1011	Mail shaft	1
12	PBBVSW1012	V-belt pulley	1
13	PBBVSW1013	Flat key-5×5×25	1
14	PBBVSW1014	Cross recessed pan head screws-M5×10	2
15	PBBVSW1015	Motor	1
16	PBBVSW1016	Motor pulley	1
17	PBBVSW1017	Large washer-A class φ5	2
18	PBBVSW1018	V-belt	1
19	PBBVSW1019	Cross recessed pan head screws-M6x16	12
20	PBBVSW1020	Rubber foot	4
21	PBBVSW1021	Cross recessed pan head screws-M5×16 S3 L	6
22	PBBVSW1022	Hex cap nut-M5	4
23	PBBVSW1023	Wire connection box	1
24	PBBVSW1024	Power cord clip 6P4	2
25	PBBVSW1025	Philips screw M4x7	3
26	PBBVSW1026	Rubber mat	1
27	PBBVSW1027	Switch plate	1
28	PBBVSW1028	Power switch	1
29	PBBVSW1029	Speed control knob	1
30	PBBVSW1030	Bolt M4x8	1
31	PBBVSW1031	Water tank	1
32	PBBVSW1032	Bearing plate	1
33	PBBVSW1033	Bearing shaft	1
34	PBBVSW1034	Flat washer φ10	1
35	PBBVSW1035	Deep groove ball bearing-6200-2RS	2
36	PBBVSW1036	Cross recessed pan head screws-M5×35-8.8 class	1
37	PBBVSW1037	Hexagon nut-M5	3
38	PBBVSW1038	Hexagon nut-M4	1

Ref. #	Parts Number	Description	Qty.
39	PBBVSWS1039	Tension spring	1
40	PBBVSWS1040	Belt cover	1
41	PBBVSWS1041	Round pi M6x22	1
42	PBBVSWS1042	Polishing wheel	1
43	PBBVSWS1043	Large washer-A class $\phi 8$	1
44	PBBVSWS1044	Lock knob M8	1
45	PBBVSWS1045	Philips screw ST4.2x16	4
46	PBBVSWS1046	Handle assembly	1
47	PBBVSWS1047	Universal support	1
48	PBBVSWS1048	adjustment nut	1
49	PBBVSWS1049	circuit board	1
50	PBBVSWS1050	Power cord sheath	1
51	PBBVSWS1051	Power cable clip base	1
52	PBBVSWS1052	Power cable clip plate	1
53	PBBVSWS1053	Cross recessed pan head screws-M4×16	2
54	PBBVSWS1054	Grinding jig	1
55	PBBVSWS1055	Honing compound	1
56	PBBVSWS1056	Angle guide	1
57	PBBVSWS1057	Cord & plug	1
58	PBBVSWS1058	Wrench	1



Busy Bee Tools

BUSY BEE TOOLS 2 YEARS LIMITED WARRANTY

Busy Bee Tools warrants every product to be free from defects in materials and agrees to correct such defects where applicable. This warranty covers **two years** for parts and 90 days for labor (unless specified otherwise), to the original purchaser from the date of purchase but does not apply to malfunctions arising directly or indirectly from misuse, abuse, improper installation or assembly, negligence, accidents, repairs or alterations or lack of maintenance.

Proof of purchase is necessary.

All warranty claims are subject to inspection of such products or part thereof and Busy Bee Tools reserves the right to inspect any returned item before a refund or replacement may be issued.

This warranty shall not apply to consumable products such as blades, bits, belts, cutters, chisels, punches etc. Busy Bee Tools shall in no event be liable for injuries, accidental or otherwise, death to persons or damage to property or for incidental contingent, special or consequential damages arising from the use of our products.

IF THE MACHINE IS ALTERED IN ANY WAY, THE WARRANTY SHALL BE NULL AND VOID.

WARRANTY, RETURNS, REPAIRS AND REPLACEMENTS

To return, repair, or replace a Busy Bee Tools product, you must visit the appropriate Busy Bee Tools showroom or call 1-800-461-BUSY.

For replacement parts directly from Busy Bee Tools, for this machine, please call 1-800-461-BUSY (2879), and have your model number and part number & payment option ready.

- All returned merchandise will be subject to a minimum charge of 15% for re-stocking and handling with the following qualifications.
- Returns must be pre-authorized by us in writing.
- We do not accept collect shipments.
- Items returned for warranty purposes must be insured and shipped pre-paid to the nearest warehouse
- Returns must be accompanied by a copy of your original invoice as proof of purchase. Returns must be in an unused condition and shipped in their original packaging a letter explaining your reason for the return. Incurred shipping and handling charges are not refundable.
- Busy Bee will repair or replace the item at our discretion and subject to our inspection.
- Repaired or replaced items will be returned to you pre-paid by our choice of carriers.
- Busy Bee reserves the right to refuse reimbursement or repairs or replacement if a third party without our prior authorization has carried out repairs to the item.
- Repairs made by Busy Bee Tools are warranted for 30 days on parts and labor.
- Any unforeseen repair charges will be reported to you for acceptance prior to making the repairs.
- The Busy Bee Parts & Service Departments are fully equipped to do repairs on all products purchased from us except for some products that require the return to their authorized repair depots. A Busy Bee representative will provide you with the necessary information to have this done.
- For faster service it is advisable to contact the nearest Busy Bee location for parts availability prior to bringing your product in for repair.
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