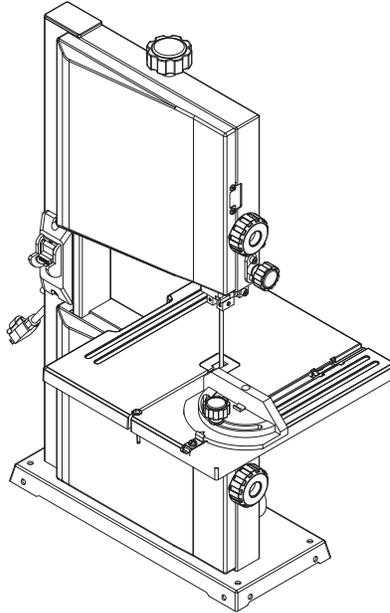




# 9-INCH BAND SAW WITH FENCE & MITER GAUGE

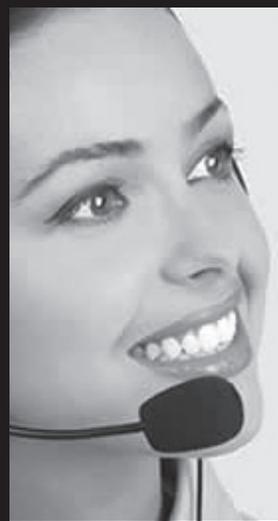


For replacement parts visit  
**WENPRODUCTS.COM**

**Model # 3959**  
[bit.ly/wenvideo](http://bit.ly/wenvideo)

## IMPORTANT:

Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for intended purpose, you will enjoy years of safe, reliable service.



## NEED HELP? CONTACT US!

Have product questions? Need technical support?  
Please feel free to contact us at:

 **800-232-1195** (M-F 8AM-5PM CST)

 [techsupport@wenproducts.com](mailto:techsupport@wenproducts.com)

 **WENPRODUCTS.COM**

## TABLE OF CONTENTS

---

Technical Data .....	2
General Safety Rules .....	3
Electrical Information .....	5
Specific Safety Rules For Band Saws.....	6
Unpacking .....	7
Know Your Band Saw .....	8
Assembly and Adjustment.....	9
Operation .....	13
Maintenance .....	14
Exploded View & Parts List.....	15
Warranty .....	18

## TECHNICAL DATA

---

Model Number:	3959
Induction Motor:	120 V, 60 Hz, 2.5A
Blade Speed:	2500 FPM
Throat:	9 inches (228 mm)
Cutting Depth:	3-1/2 inches (89 mm)
Work Table Size:	12-5/16 x 11-7/8 inches
Table Bevel Angle:	0 to 45 degrees right
Blade Length:	59-1/2 inches (1511 mm)
Blade Width:	1/8 to 3/8 inches
Dust Port Size (Outer Diameter):	2-1/2 inches (64 mm)
Net Weight:	40 pounds
Assembled Dimensions:	19 X 14 X 29 Inches

# GENERAL SAFETY RULES

---

Safety is a combination of common sense, staying alert and knowing how your item works.

## **SAVE THESE SAFETY INSTRUCTIONS.**



**WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and serious injury. To avoid mistakes and serious injury, do not plug in your tool until the following steps have been read and understood.

### **WORK AREA SAFETY**

1. Keep work area clean and well lit. Cluttered or dark areas invite accidents. Do not work on floor surfaces that are slippery with sawdust or wax. Keep the ground clear of tripping hazard.
2. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
3. Keep bystanders at a safe distance from the work area. Never allow children or pets near the tool.

### **ELECTRICAL SAFETY**

1. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
2. Power tool plugs must match the outlet. Never modify the plug in any way. Modified plugs with non-matching outlets will increase the risk of electric shock.
3. Check all power supplies periodically. Do not use defective cords. Damaged or entangled cords increase the risk of electric shock.
4. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.

### **PERSONAL SAFETY**

1. Stay alert. Watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
2. Do not overreach. Keep proper footing and balance at all times when operating the power tool.
3. Dress appropriately. Do not wear loose clothing, gloves, neckties, or jewelry (rings, watches, etc.) when operating the tool. Inappropriate clothing and items can get caught in moving parts and draw you in. Always wear non-slip footwear and tie back long hair.
4. Use personal protective equipment. Wear safety goggles at all times that comply with ANSI Z87.1. Use ear protection such as plugs or muffs during extended periods of operation. Wear work gloves to protect your hands. Wear a face mask or dust mask to fight the dust.
5. Dust generated from certain materials can be hazardous to your health. Always operate the tool in a well-ventilated area and provide for proper dust removal. Use dust collection systems whenever possible.

# GENERAL SAFETY RULES

---

## **POWER TOOL USE AND CARE**

1. Avoid accidental start-ups. Make sure the power switch is in the OFF position before connecting the plug to a power source or carrying the tool.
2. Check power tool for damaged parts. Check for misalignment of moving parts, jamming, breakage, improper mounting, or any other conditions that may affect the tool's operation. Do not use the power tool if the switch does not turn ON/OFF. Any part that is damaged should be properly repaired or replaced before use.
3. Do not force the tool to do a job for which it was not designed. Use the correct power tool and accessories and follow the instructions for your application to prevent hazardous situations.
4. Remove adjustment tools. Always make sure all adjustment tools or wrenches are removed from the tool before turning on the power tool.
5. Keep guards in place and in working order before operating the tool. All protection and safety devices must be in place after completing repair and maintenance procedures.
6. Never leave a running tool unattended. Do not leave the tool until it has come to a complete stop.

## **POWER TOOL MAINTENANCE**

1. Always disconnect the power cord plug from the electrical outlet when making adjustments, changing parts, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
2. Maintain power tools properly. Safely store power tools out of the reach of children. Always keep tools clean and in good working order. Follow instructions for lubricating and changing accessories.
3. Only have your power tool serviced by a qualified repair person using only identical replacement parts. Use of any other part can cause personal injury and damage to the tool.

## **CALIFORNIA PROPOSITION 65 WARNING**

This product and some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling.

Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area with approved safety equipment such as dust masks specially designed to filter out microscopic particles.

# ELECTRICAL INFORMATION

## GROUNDING INSTRUCTIONS

IN THE EVENT OF A MALFUNCTION OR BREAKDOWN, grounding provides the path of least resistance for an electric current and reduces the risk of electric shock. This tool is equipped with an electric cord that has an equipment grounding conductor and a grounding plug. The plug **MUST** be plugged into a matching outlet that is properly installed and grounded in accordance with ALL local codes and ordinances.

**DO NOT MODIFY THE PLUG PROVIDED.** If it will not fit the outlet, have the proper outlet installed by a licensed electrician.

**IMPROPER CONNECTION** of the equipment grounding conductor can result in electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment grounding conductor. If repair or replacement of the electric cord or plug is necessary, **DO NOT** connect the equipment grounding conductor to a live terminal.

**CHECK** with a licensed electrician or service personnel if you do not completely understand the grounding instructions or whether the tool is properly grounded.

**USE ONLY THREE-WIRE EXTENSION CORDS** that have three-pronged plugs and outlets that accept the tool's plug as shown in Fig. A. Repair or replace a damaged or worn cord immediately.

**CAUTION:** In all cases, make certain the outlet in question is properly grounded. If you are not sure, have a licensed electrician check the outlet.

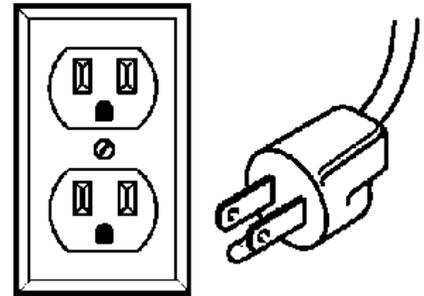


FIGURE A

**WARNING:** This tool is for indoor use only. Do not expose to rain or use in damp locations.

## GUIDELINES AND RECOMMENDATIONS FOR EXTENSION CORDS

Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table below shows the correct size to be used according to cord length and nameplate ampere rating. When in doubt, use a heavier cord. The smaller the gauge number, the heavier the cord.

Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.

AMPERAGE	REQUIRED GAUGE FOR EXTENSION CORDS			
	25 ft.	50 ft.	100 ft.	150 ft.
2.5 A	18 gauge	16 gauge	16 gauge	14 gauge

Protect your extension cords from sharp objects, excessive heat and damp/wet areas.

Use a separate electrical circuit for your tools. This circuit must not be less than a #12 wire and should be protected with a 15 A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

**WARNING:** This tool must be grounded while in use to protect the operator from electric shock.

## SPECIFIC RULES FOR BAND SAWS

---

1. To avoid injury from unexpected movement, make sure the saw is on a firm, level surface. Bolt the saw to a support surface to prevent slipping or sliding during operation. Make sure there is adequate space for operations. The mounting holes are 7 mm in diameter, 118 mm apart in width and 353 mm apart in length.
2. Use the correct size and style of blade. Inspect blades for cracks and missing teeth before each use. Do not operate with dull, cracked or badly worn blade. Dull blades require more effort to use and are difficult to control.
3. When replacing blades, make sure the blade teeth are pointing down and towards the table. Check that the blade is properly tensioned before operating.
4. Blade guides, blade tracking and tensioning must be properly adjusted to optimize performance and minimize blade breakage.
5. To maximize blade support, always adjust the upper blade guide and blade guard so that it barely clears the workpiece. The blade guard should be no more than 1/8 of an inch from the upper edge of the workpiece
6. Do not operate this band saw without the blade guards in place.
7. Make sure the table adjustment knob is locked and the table is secure before operation.
8. Workpieces should be secured so they don't twist, rock, or slip while being cut. Small pieces should be secured with clamps or fixtures. Do not hold small pieces with your hand because your fingers might go under the blade guard.
9. Use extra caution with very large, very small, or awkwardly-shaped workpieces.
10. Plan intricate or small work carefully to avoid pinching the blade. Avoid awkward operations and hand positions to prevent accidental contact with the blade.
11. Support round work properly (use a V block or press it against the miter gauge) to prevent it from rolling.
12. Use a work support when cutting long stock to avoid pieces from falling down after the cut has been completed.
13. Cut only one workpiece at a time. Make sure the table is clear of everything except the workpiece and its guides before you turn the saw on.
14. Never position fingers or thumbs in line with the cut. Serious personal injury could occur.
15. Always watch the saw run before each use. If there is excessive vibration or unusual noise, stop immediately. Turn the saw off and unplug it immediately. Do not start the saw again until the problem has been located and corrected.
16. Do not attempt to stop or slow the blade with your hand or a workpiece. Wait for the blade to stop on its own.
17. To free any jammed material, turn the switch off. Remove the switch key and unplug the saw. Wait for all moving parts to stop before removing the jammed material.

## SPECIFIC RULES FOR BAND SAWS

---

18. Take all necessary precautions to avoid kickback during operation.

19. Plan your cuts so you always cut entirely through the wood. Do not back the workpiece away from the blade while the saw is running. If you need to remove the blade from a partially cut workpiece, you first must turn the band saw OFF and wait for the blade to come to a complete stop. Do not twist or put excessive stress on the blade while removing it from a workpiece.

20. Don't leave the work area until all moving parts have stopped. Shut off the power to master switches. Remove the switch key from the band saw and store it in a safe place, away from children. Childproof the workshop!

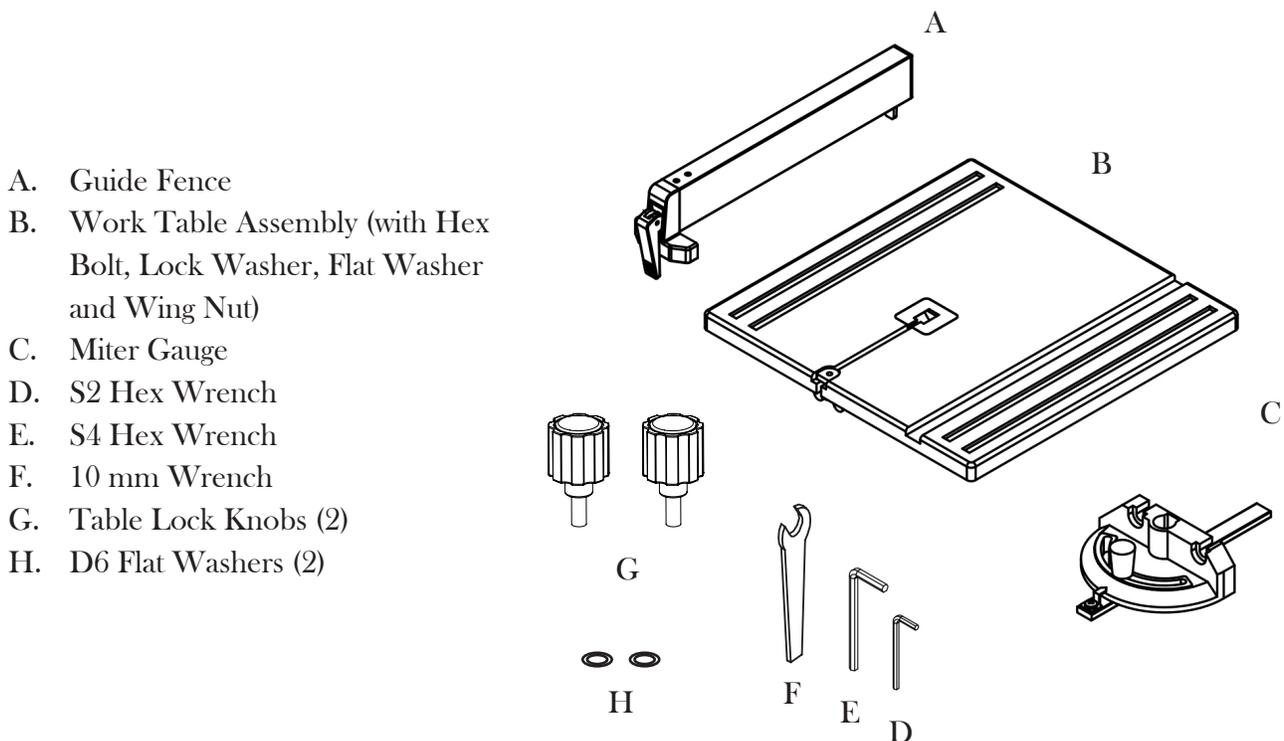
21. Switch the power to OFF and remove the plug before performing any inspections, adjustments, and maintenance. Wait for all moving parts to come to a complete stop.

22. If any part of this band saw is missing, broken, bent, or damaged in any way, or if any electrical component fails to perform properly, shut off the power switch, remove the machine plug from the power source and have the damaged, missing, or failed parts replaced before operation.

## UNPACKING

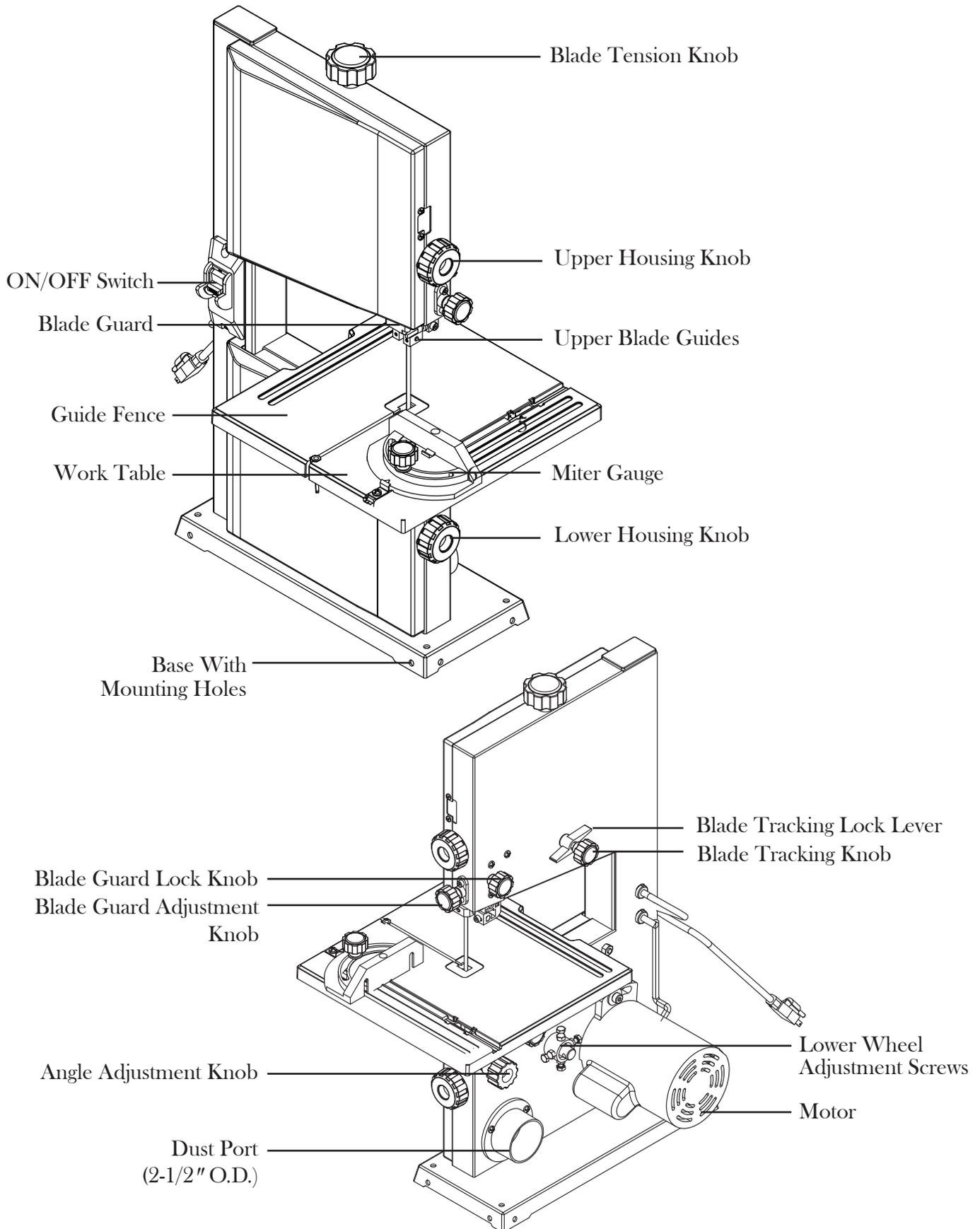
---

Carefully unpack the band saw and all its parts, and compare against the list below. Do not discard the packaging until the band saw is completely assembled. If any part is damaged or missing, please contact our customer service at (800) 232-1195, M-F 8-5 CST or email [techsupport@wenproducts.com](mailto:techsupport@wenproducts.com).



# KNOW YOUR BAND SAW

Use the graphic below to become familiarized with the different parts and controls of your band saw.



## ASSEMBLY & ADJUSTMENT



**WARNING:** Unplug the machine from the power source before assembly and making adjustments. Failure to comply may cause serious injury. Assembly requires at least two people to safely move around the band saw.

### ASSEMBLING THE TABLE (Fig. B, C & D)

1. Remove the M6X24 hex bolt, spring washer, flat washer and wing nut from the work table assembly (Fig. B).

2. Slide the saw table onto the band saw, making sure that the blade stays within the slot in the table (Fig. C).

3. Pull the angle adjustment knob (Fig. D - 1) on the back of the band saw and align the teeth on the table bracket into the teeth on the angle adjustment knob. Release the knob.

3. Assemble the flat washers and table lock knobs (Fig. D - 2) into the table bracket. Turn the table lock knobs to tighten the table assembly to the saw's frame.

4. Reattach the hex bolt, spring washer, flat washer and wing nut onto the front of the table (Fig. B).

### TILTING THE TABLE (Fig. D)

1. Loosen the two table lock knobs located on the back of the band saw (Fig. D - 1).

2. Adjust the table to the desired angle using the angle adjustment knob (Fig. D - 2) and the angle indicator. The table can be tilted 45 degrees to the right.

3. Use the angle indicator to confirm the desired angle and tighten the table lock knobs (NOTE: a table perpendicular to the blade corresponds to a scale indication of 0°).

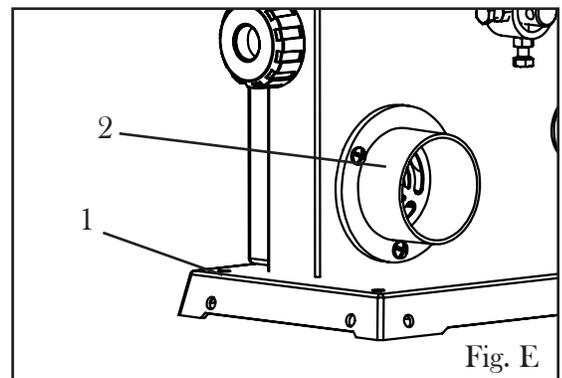
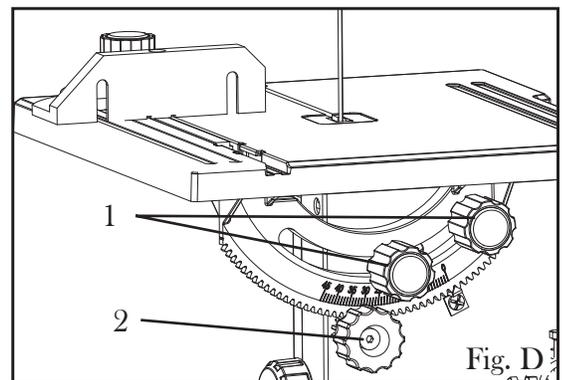
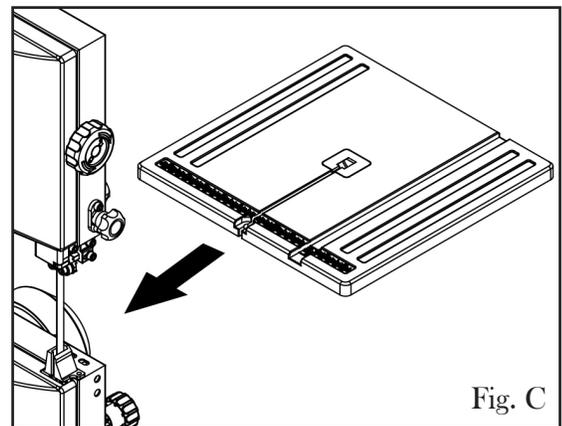
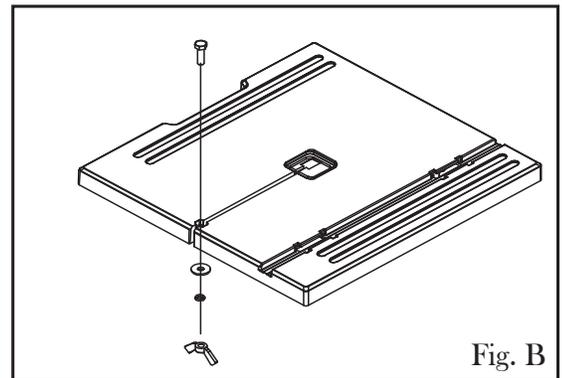
### MOUNTING THE BAND SAW (Fig. E)

The band saw should be firmly attached to a reliable work surface. This will prevent the band saw from vibrating, walking or tipping during operation. Mount your band saw using bolts, flat washers, lock washers and hex nuts (not included) through the mounting holes on the base of the saw (Fig. E - 1).

### CONNECTING TO THE DUST COLLECTION (Fig. E)

Connect your band saw to the dust collection system of your choice (not included) using the dust port on the back of the unit (Fig. E - 2). The outer diameter of the port is 2-1/2 inches. Hose adaptors (not included) may be needed depending on the size of your dust hose.

NOTE: Always operate in a well-ventilated area and use dust collection systems whenever possible.



## ASSEMBLY & ADJUSTMENT



**WARNING:** Always be sure that the tool is switched off and unplugged before making any adjustments. Wear work gloves when handling saw blades. Failure to comply may cause serious injury.

### SAW BLADE TRACKING (Fig. F & G)

Before initial cutting and after every blade change, check and adjust blade tracking so that the blade runs on the center of the wheels.

1. Turn off the band saw and unplug it from the power supply. Make sure that the blade is not moving, then open both the upper and lower wheel covers (Fig. F).

2. Stand to the side of the saw in the position shown in Fig. G. Carefully rotate the upper wheel (Fig. G - 1) manually for at least three rotations (making sure not to touch the blade) and watch the blade travel. If the blade is veering off to either side of the wheel, follow the next step to adjust blade tracking.

3. Loosen the blade tracking lock (Fig. G - 2). Continue to rotate the wheel and slowly turn the blade tracking knob (Fig. G - 3) in the desired direction until the blade is centered over the wheels. Turning the blade tracking knob towards you shifts the blade to the left, and turning it away from you shifts the blade to the right.

4. Spin the wheel a few more turns to ensure that the blade is now running consistently in the center of the wheel. Close and lock the covers.

**NOTE:** Blade tracking will be more difficult with thinner blades, but don't be frustrated. Keep at it and you'll get there!

### ADJUSTING THE BLADE TENSION (Fig. H)

Proper tensioning of the blade is important before operating the band saw. If the tension in the blade is too high, it runs the risk of breaking. If the tension is too low, there is a risk of the blade slipping and stopping during a cut.

1. Loosen the blade guard lock knob located on the back of the saw (Fig. H - 1). Raise the blade guard to the top by turning the blade guard adjustment knob (Fig. H - 2). Lock the blade guard.

2. Check the tension by tapping with a finger against the side of the blade halfway between the table and the upper guide. The blade should not flex more than 2 mm.

**WARNING:** Wear protective gloves when handling saw blades.

3. Turn the tension knob (Fig. H - 3) clockwise to increase the blade tension or counterclockwise to decrease tension. Check and adjust the tension as necessary to make sure the blade is properly tensioned.

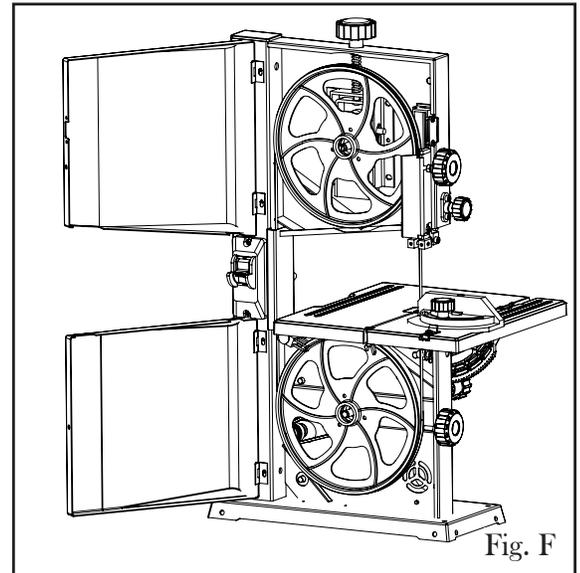


Fig. F

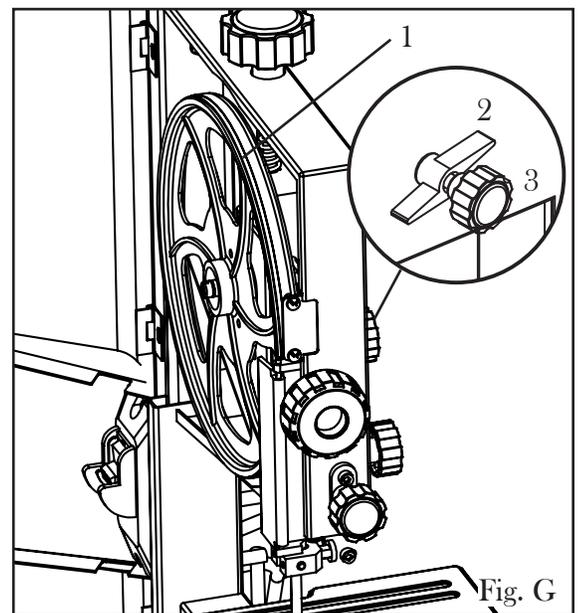


Fig. G

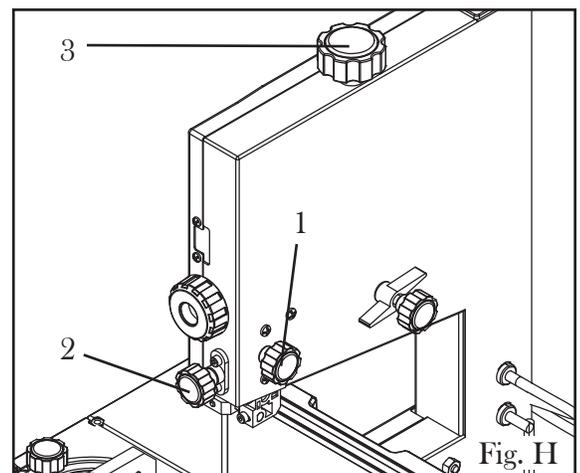


Fig. H

## ASSEMBLY & ADJUSTMENT

### UPPER BLADE GUIDES ADJUSTMENT (Fig. I & J)

The upper blade guides need to be readjusted after every blade change or blade tracking adjustment.

#### 1. Upper Thrust Bearing (Fig. I - 1):

Loosen the upper right screw (Fig. I - 2) using the S4 hex wrench to adjust the position of the thrust bearing running along the back of the blade (Fig. I - 1). The bearing should be positioned 0.5 mm from the back of the blade (Fig. J). Retighten the screw (Fig. I - 2).

#### 2. Upper Side Guides (Fig. I - 5):

Loosen the two set screws (Fig. I - 4) using the S2 hex wrench to adjust the two side guides at either side of the blade. The side guides should be positioned 0.25 mm away from the blade (Fig. J). Retighten the set screws (Fig. I - 4).

Loosen the lower right screw (Fig. I - 3) using the S4 hex wrench. Move the screw to position the side guides 1 to 2 mm from the teeth of the blade (Fig. J). Retighten the screw (Fig. I - 3).

### LOWER BLADE GUIDES ADJUSTMENT (Fig. J & K)

The lower blade guide needs to be readjusted after every blade change or blade tracking adjustment.

1. Open the lower wheel cover. The table might need to be removed for easier access to the adjustment screws.

2. The procedure is the same as adjusting the upper guides. Loosen the lower screw (Fig. K - 2) to adjust the thrust bearing 0.5 mm from the back of the blade. Loosen the upper screw (Fig. K - 1) to adjust the side guides 1 - 2 mm from the teeth of the blade. Loosen the two set screws (Fig. K - 3) to adjust the side guides 0.25 mm away from the either side of the blade.

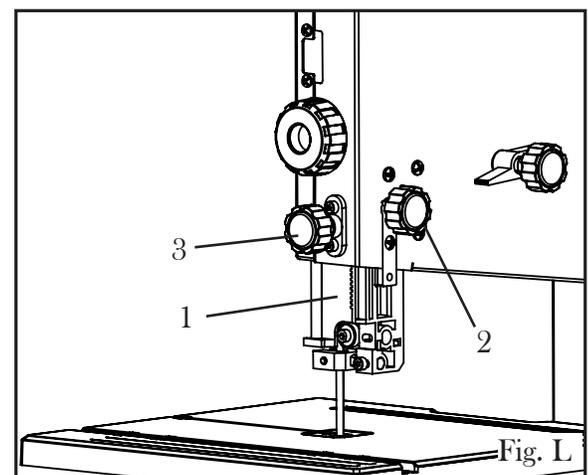
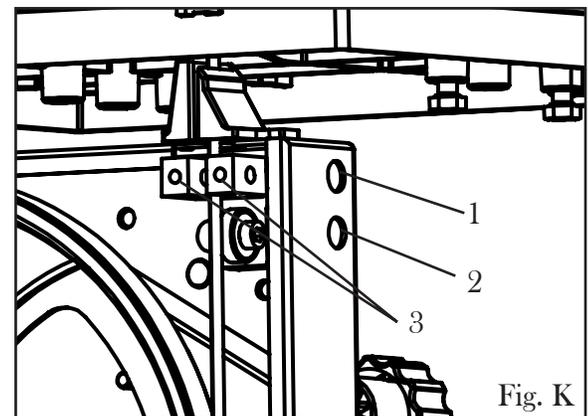
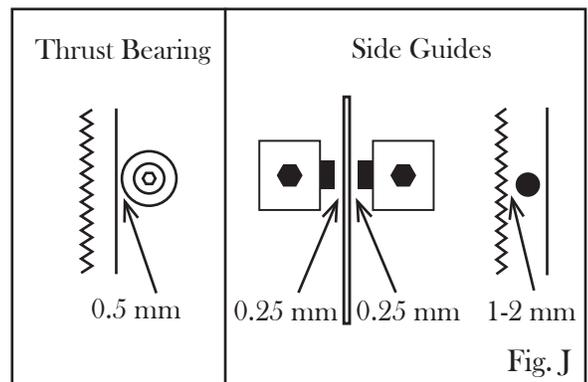
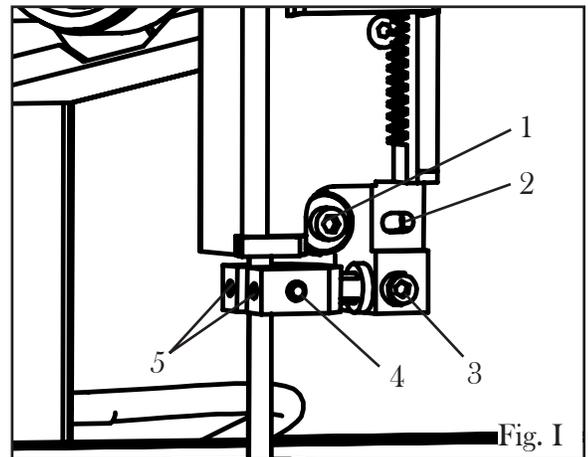
3. Close the lower wheel cover.

### BLADE GUARD ADJUSTMENT (Fig. L)

The height of the upper blade guard (Fig. L - 1) should be adjusted prior to every operation to accommodate the height of the workpiece. NOTE: The blade guard should be no more than 1/8 of an inch from the upper edge of the workpiece.

1. Loosen the blade guard locking knob located on the back of the saw (Fig. L - 2).

2. Turn the blade guard adjustment knob (Fig. L - 3) to adjust the height of the blade guard. Lock the upper blade guide locking knob to secure the guard in place once the desired height has been reached.



## ASSEMBLY & ADJUSTMENT

### CHANGING THE BAND SAW BLADE (Fig. M & N)



**WARNING:** Saw blades can be dangerous. Wear work gloves while handling the blade or when moving new blades from the packaging.

1. Remove the M6X24 hex bolt, spring washer, flat washer and wing nut from the work table assembly.
2. Open the upper and lower blade covers (Fig. M).
3. Set the upper blade guard to its lowest position, minimizing the space between the bottom of the blade guard and the table assembly.
4. Open the blade guard cover (Fig. N - 1) by pushing down on the top of the cover, and simultaneously pulling it outwards, away from the wheel.
5. Loosen the tension knob (Fig. N - 2) until you can remove the blade from the machine.

**NOTE:** Now is a good time to clean out your band saw to ensure the best performance. Clear out any sawdust, wood chips, etc. with a shop vacuum. Ensure that the wheels and tires are free of sawdust and chips. This promotes good wheel balance and good blade tracking.

6. Fit the new blade through the guiding slots on both the left and right sides of the machine onto the upper and lower rubber tires. Position the blade in the center of the rubber tires. Ensure that the blade teeth are pointing down towards the table.
7. Turn the blade tensioning knob clockwise to put the new blade under tension.
8. Close the upper blade guide assembly cover by pushing in until it clicks in place.
9. Replace the M6X24 hex bolt, spring washer, flat washer and wing nut onto the work table assembly.
10. After every blade change, make sure to follow the instructions on page 10 and 11 to adjust the tracking of the blade, the blade tension, and the upper and lower blade guides. Proper tuning of your band saw is necessary to ensure optimum performance of the machine.
11. After all adjustments and tuning are complete, close the upper and lower wheel covers.

We also made a video that takes you through the steps of installing and adjusting a bandsaw blade. Check it out at:  
<http://bit.ly/WENbandsaw>

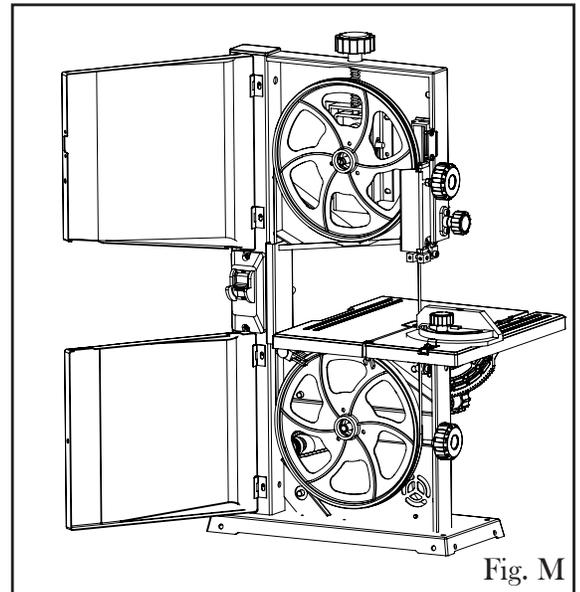


Fig. M

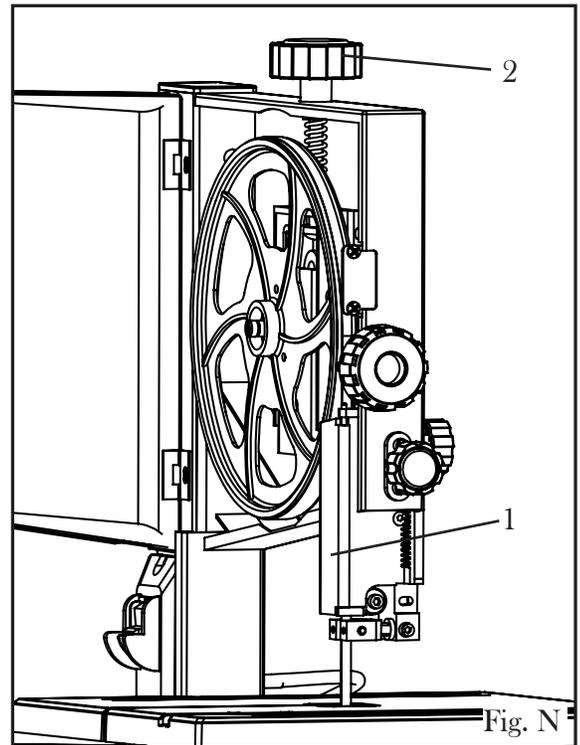


Fig. N

# OPERATION

## SUGGESTIONS AND WARNINGS:

- Do not touch the saw blade when cutting.
- During saw operation, wear safety glasses but do not wear gloves.
- Cut only one workpiece at a time.
- Always hold the workpiece down on the table.
- Do not jam any workpieces.
- Do not try to slow the blade down by pushing the work piece against the saw blade from the side.
- When straight cutting against the fence, use a push stick.
- Use a work support when cutting long stock to avoid pieces from falling down after the cut has been completed.
- Use a dust collector to minimize sawdust.
- When cutting round stock, make sure the piece is as secure as possible.
- Before starting, check that the saw blade and the upper and lower blade guides are in proper working order.
- Replace damaged parts immediately.
- Assume the correct working position (the blade's teeth should be pointing towards the operator).
- Take all necessary precautions to avoid kickback during operation.

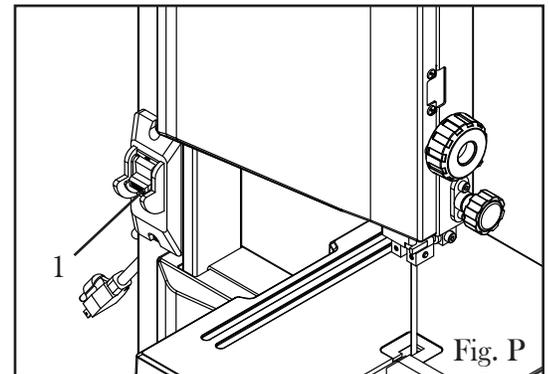
### ON/OFF SWITCH (Fig. P)

1. To turn the saw ON, move the switch (Fig. P - 1) to the up position. To turn the saw OFF, move the switch to the down (OFF) position.

2. To lock the switch in the OFF position:

- A) Wait until the band saw has come to a complete stop.
- B) Remove the safety key from the switch housing. Store the safety key in a safe place.

3. To unlock the switch and turn the saw ON, insert the safety key into the switch, and move the switch to the ON position.



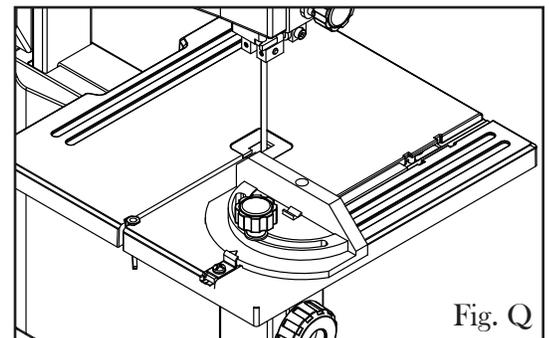
### USING THE MITER GAUGE (Fig. Q)

1. Place the miter gauge into the slot on the table (Fig. Q).

2. Loosen the knob on the gauge to set a new miter angle (between 0 and 60 degrees).

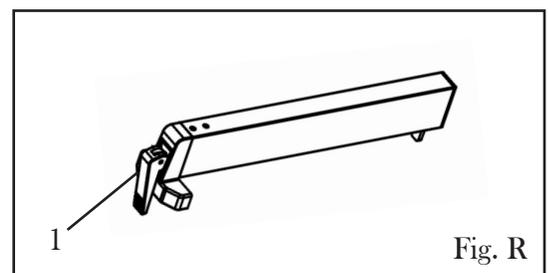
3. Tighten the knob firmly before cutting begins.

NOTE: A 0° cut is a straight cut that is perpendicular to the blade.



### USING THE FENCE (Fig. R)

The fence acts as a guide for making straight cuts. Position the fence onto the work table with the side face is parallel to the blade. Adjust the distance of the fence to the blade depending on the length you would like to cut. Lock it in place by pushing down on the fence lock handle (Fig. R). Make sure the fence is locked down before operation.



# OPERATION

---

## GENERAL CUTTING



**WARNING:** Operating a band saw involves a certain amount of risk. Make sure to read all the instructions and plan your work before cutting a workpiece. Wear safety goggles to protect your eyes from possible injury.

**NOTE:** Before cutting the actual workpiece, it's best to use a scrap piece of lumber to check the settings and to get the feel of operating the band saw.

1. Your band saw should now have been properly set up and tuned according to the instructions on page 9 - 11. Position the workpiece on the table and adjust the upper blade guard so that it barely clears the workpiece. The blade guard should be no more than 1/8 of an inch from the upper surface of the workpiece. Do not turn the power on until all adjustments have been made.

2. Use the band saw for straight line operations such as cross-cutting, ripping, miter cutting, beveling, compound cutting, and resawing. To avoid twisting the blade, do not turn sharp corners; instead, saw around corners. A band saw is not capable of doing intricate inside cutting as can be done with a scroll saw. Refer to the "Circle Cutting Guide for the minimum radius you can cut based on the width of the blade installed on your band saw.



**WARNING:** Do not use this band saw to cut ferrous metals.

## CIRCLE CUTTING GUIDE

BLADE WIDTH	1/8 in.	3/16 in.	1/4 in.	3/8 in.	1/2 in.	3/4 in.	1 in.
MINIMUM RADIUS	3/16 in.	5/16 in.	5/8 in.	1-1/2 in.	2-1/2 in.	5-1/2 in.	7 in.

3. Slowly feed the workpiece into the saw blade. Light contact permits easier cutting and prevents unwanted friction and heating of the blade. Steadily move the workpiece through the blade without forcing it against the blade. Never position your hand in line with the cut. Always keep your hand at a safe distance from the saw blade. Use a push stick to assist cutting small workpieces.

4. When the cutting operation is complete, turn off the machine and wait for the blade to come to a complete stop before leaving the work area.

## MAINTENANCE

---



**WARNING:** For your own safety, turn the switch OFF and remove the plug from the electrical outlet before performing maintenance or lubricating the band saw.

1. Clean off the pitch and dust which accumulates on the table, blade guides, and bearings.

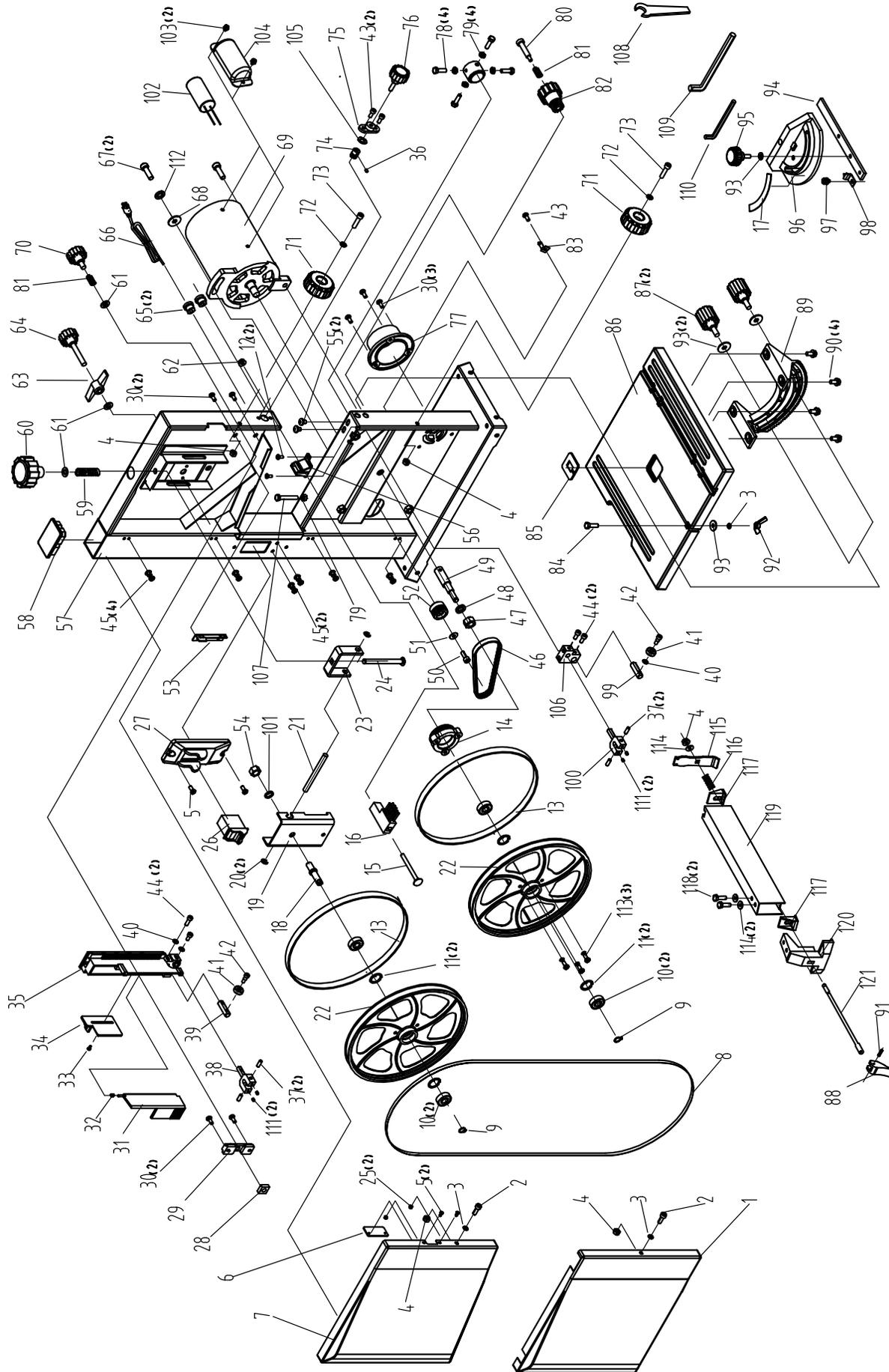
2. Remove pitch and dust from the upper and lower wheels using a stiff brush. Do not use solvents.

3. Routinely remove the sawdust from the inside of the housing. Blow out the sawdust from the motor.

4. Apply a thin coat of automotive polish to the table top for a slick surface.

5. Regularly inspect the machine for any damages or missing parts. Replace blades and the wheel tires when worn. Replace the power cord immediately if it is worn, cut, or damaged in any way.

# EXPLODED VIEW AND PARTS LIST



## EXPLODED VIEW AND PARTS LIST

No.	Part No.	Description	Qty.
1	3959-001	Lower Door	1
2	3959-002	Hex Screw M6X10	2
3	3959-003	Spring Washer Φ6	3
4	3959-004	Nut M6	5
5	3959-005	Screw M4X10	4
6	3959-006	Window	1
7	3959-007	Upper Door	1
8	3959-008	Saw Blade	1
9	3959-009	Shaft Circlip	2
10	3959-010	Bearing	4
11	3959-011	Hole Circlip Φ26	4
12	3959-012	Screw M4X8	2
13	3959-013	Rubber Gasket	2
14	3959-014	Driven Pulley	1
15	3959-015	M8X70 Bolt	1
16	3959-016	Brush	1
17	3959-017	Scale Label	1
18	3959-018	Upper Wheel Shaft	1
19	3959-019	Upper Wheel Shaft Base	1
20	3959-020	Split Washer M6	2
21	3959-021	Connection Shaft	1
22	3959-022	Blade Wheel	2
23	3959-023	U Type Support	1
24	3959-024	Bolt	1
25	3959-025	Hex Nut M4	2
26	3959-026	Switch	1
27	3959-027	Switch Plate	1
28	3959-028	Locking Washer	1
29	3959-029	Guide Base	1
30	3959-030	Screw	7
31	3959-031	Guide Cover	1
32	3959-032	Cover Spring	1
33	3959-033	Screw	1
34	3959-034	Slide Board	1

No.	Part No.	Description	Qty.
35	3959-035	Upper Guide Slide Bar	1
36	3959-036	Hex Screw M4X4	1
37	3959-037	Pin 5X14	4
38	3959-038	Upper Blade Guide Support	1
39	3959-039	Upper Support Shaft	1
40	3959-040	Flat Washer M5	3
41	3959-041	Ball Bearing	2
42	3959-042	Bearing Fastening Screw	2
43	3959-043	Hex Screw M5X10	3
44	3959-044	Hex Screw M5X12	4
45	3959-045	Philips Screw+Flat Washer+Spring Washer Assembly M4X8	6
46	3959-046	Belt	1
47	3959-047	Hex Nut M12X1.5	1
48	3959-048	Spring Washer M12	1
49	3959-049	Lower Wheel Shaft	1
50	3959-050	Hex Screw M5X10	1
51	3959-051	Big Flat Washer	1
52	3959-052	Driven Pulley	1
53	3959-053	Guide Plate	1
54	3959-054	Hex Nut M10	1
55	3959-055	Hex Screw M6X8	2
56	3959-056	Blade Lower Guard	1
57	3959-057	Saw Body	1
58	3959-058	Block	1
59	3959-059	Tension Spring	1
60	3959-060	Tension Handle	1
61	3959-061	Flat Washer D8	2
62	3959-062	Hex Nut M8	1
63	3959-063	Wing Locking Nut	1
64	3959-064	Blade Wheel Adjusting Knob	1
65	3959-065	6P4 Clip	2

## EXPLODED VIEW AND PARTS LIST

No.	Part No.	Description	Qty.
66	3959-066	Power Cord	1
67	3959-067	Hex Screw M8X25	2
68	3959-068	Flat Washer M8	1
69	3959-069	Motor	1
70	3959-070	Locking Knob	1
71	3959-071	Eccentric Locking Knob	2
72	3959-072	Flat Washer D6	2
73	3959-073	Hex Screw M6X25	2
74	3959-074	Adjusting Gear	1
75	3959-075	Adjusting Handle Base	1
76	3959-076	Adjusting Handle	1
77	3959-077	Dust Port	1
78	3959-078	Hex Bolt M6X20	4
79	3959-079	Hex Nut M6	5
80	3959-080	Shaft	1
81	3959-081	Locking Spring	2
82	3959-082	Gear Handle	1
83	3959-083	Table Pointer	1
84	3959-084	Hex Bolt M6X25	1
85	3959-085	Table Insert	1
86	3959-086	Work Table	1
87	3959-087	Table Locking Knob	2
88	3959-088	Fence Locking Knob	1
89	3959-089	Angle Support	1
90	3959-090	Hex Bolt M6X12	4
91	3959-091	Pin 3X16	1
92	3959-092	Butterfly Nut M6	1
93	3959-093	Flat Washer D6	4
94	3959-094	Slide Bar	1
95	3959-095	Miter Gauge Knob	1
96	3959-096	Miter Gauge	1
97	3959-097	Philips Screw+Flat Washer+Spring Washer Assembly M5X8	1

No.	Part No.	Description	Qty.
98	3959-098	Miter Gauge Pointer	1
99	3959-099	Lower Support Shaft	1
100	3959-100	Lower Blade Guide Support	1
101	3959-101	Spring Washer D10	1
102	3959-102	Capacitor	1
103	3959-103	Philips Screw+Flat Washer M4X6	2
104	3959-104	Capacitor Box	1
105	3959-105	Wavy Washer 6	1
106	3959-106	Lower Blade Guide Support Base	1
107	3959-107	Hex Bolt M6X40	1
108	3959-108	Wrench S=10	1
109	3959-109	Hex Wrench S=4	1
110	3959-110	Hex Wrench S=2	1
111	3959-111	Screw M4X8	4
112	3959-112	Spring Washer D8	1
113	3959-113	Screw M5X16	3
114	3959-114	Flat Washer D6	3
115	3959-115	Fence Locking Plate	1
116	3959-116	Fence Locking Spring	1
117	3959-117	Fence Washer	2
118	3959-118	Hex Bolt M6X16	2
119	3959-119	Fence Plate	1
120	3959-120	Fence Work Rest	1
121	3959-121	Bolt	1

## LIMITED TWO YEAR WARRANTY

---

WEN Products is committed to build tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

**LIMITED WARRANTY OF WEN CONSUMER POWER TOOLS PRODUCTS FOR HOME USE**  
GREAT LAKES TECHNOLOGIES, LLC (“Seller”) warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship for a period of two (2) years from date of purchase. Ninety days for all WEN products, if the tool is used for professional use.

**SELLER’S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY** under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of parts, without charge, which are defective in material or workmanship and which have not been misused, carelessly handled, or misrepaired by persons other than Seller or Authorized Service Center. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of purchase must be a direct vendor of Great Lakes Technologies, LLC. Third party vendors such as garage sales, pawn shops, resale shops, or any other secondhand merchant void the warranty included with this product. Contact [techsupport@wenproducts.com](mailto:techsupport@wenproducts.com) or 1-800-232-1195 to make arrangements for repairs and transportation.

When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the warranty card and/or the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge.

**THIS LIMITED WARRANTY DOES NOT APPLY TO ACCESSORY ITEMS THAT WEAR OUT FROM REGULAR USAGE OVER TIME INCLUDING BELTS, BRUSHES, BLADES, ETC.**  
**ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO ONE (1) YEAR FROM DATE OF PURCHASE. SOME STATES IN THE U.S., SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.**

**IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.**

**THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.**

**THIS LIMITED WARRANTY APPLIES ONLY TO PORTABLE ELECTRIC TOOLS, BENCH POWER TOOLS, OUTDOOR POWER EQUIPMENT AND PNEUMATIC TOOLS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT LINE.**



**THANKS FOR  
REMEMBERING**

