



9" BENCHTOP BANDSAW

ITEM # 46002



OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL. KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATION, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL, OR THE MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO SERIAL NUMBER

FOR QUESTIONS, PLEASE CALL CUSTOMER SERVICE: 909.628.4900

SAFETY WARNINGS

WARNING

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in injury and/or property damage. Save all warnings and instructions for future reference.

The warning and safety instructions in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when operating or cleaning tools and equipment. Always contact your dealer, distributor, service agent or manufacturer about problems or conditions you do not understand before operating the product. Power tool means two types of equipment: one with power cord and directly powered by external power supply and another without power cord and powered by battery.

WARNING! Standard graphic symbols are used on all machines in order to ensure complete safety of all parts of the band saw. As these symbols are very important, read the information below attentively.



DANGER! Read the operating instructions to reduce the risk of injury



CAUTION! Wear ear-muffs. The impact of noise can cause damage to hearing



CAUTION! Wear a breathing mask. Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!



CAUTION! Wear safety goggles. Sparks generated during working splinters, chips and dust emitted by the device can cause loss of sight.

GENERAL SAFETY INSTRUCTIONS

IMPORTANT! When using electrical tools, the following safety instructions should be observed to prevent the risk of electric shock, personal injury and fire. Read and observe these instructions carefully before using the tool.

1. Keep work area clean

Cluttered areas invite injuries.

2. Consider work area environment

Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep work area well lit. Do not use power tools near flammable liquids or gases.

3. Guard against electric shock

Prevent body contact with grounded surfaces (e.g. pipes, radiators, ranges, refrigerators etc.)

4. Keep children away

Do not let visitors contact tool or extension cord. All visitors should be kept away from work area.

5. Store idle tools

When not in use, tools should be stored in a dry, high or locked-up place, out of the reach of children.

6. Do not force tool

It will do a better job and operate more safely at the rate for which it was intended.

7. Use right tool

Do not force small tools or attachments to do the job of a heavy duty tool. Do not use tools for other than their intended purpose; for example do not use a circular saw for cutting tree limbs or logs.

8. Dress properly

Do not wear loose clothing or jewelry. They can be caught in moving parts.

Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protection hair covering to contain long hair.

9. Use safety glasses

Also use a dust mask during use and wear ear protection. If the noise level exceeds 85 dB (A), ear protection is obligatory. Indicated noise levels may be exceeded dependent on the working environment and the material to be treated.

10. Use dust extraction

If dust extraction and collection devices are present on the tool, make sure that they are used properly.

11. Do not abuse cord

Never carry tool by the cord or yank it to disconnect it from wall outlet. Keep cord from heat, oil and sharp edges.

12. Secure work

Use clamps or a vise to hold the workpiece. It is safer and it frees both hands to operate tool.

13. Do not overreach

Keep proper footing and balance at all times.

14. Maintain tools with care

Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Inspect tools cords periodically and, if damaged, have them repaired by an authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean and free from oil and grease.

15. Disconnect tools

When not in use, before servicing, and when changing accessories such as blades, bits and cutters.

16. Remove adjusting keys and wrenches

Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before switching it on.

17. Avoid unintentional starting

Do not carry plugged-in tools with finger on switch. Be sure that the tool is switched off before plugging in.

18. Outdoor use extension cords

When tools are used outdoors, use only extension cords intended for use outdoors and so marked.

19. Stay alert

Watch what you are doing. Use common sense. Do not operate tools when you are tired.

20. Check damaged parts

Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in the instruction manual. Do not use tool if switch does not turn it on and off.

21. Warning

The use of any other accessory or attachment other than recommended in the instruction manual may present a risk of personal injury.

22. Have your tool replaced by an expert This electric appliance is built in accordance with the relevant safety rules. Repair of electric appliances must only be carried out by experts otherwise it may cause considerable danger for user.

SAFETY WARNINGS

1. **Firmly clamp or bolt the saw to a work bench or leg stand** at approximately hip height.
2. **Never operate the saw on the floor.**
3. **Avoid awkward operation and hand positions** where a sudden slip could cause your hand to move into the blade. **Always** make sure you have good balance.
4. **Allow the motor to come up to full speed** before starting a cut to avoid binding or stalling.
5. **Do not use tool if the switch does not turn it on and off.** Have defective switches replaced by an authorized service center.
6. **Replacement parts.** All repairs, whether electrical or mechanical, should be made by a qualified service technician at an authorized service center.
7. **When servicing** use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.
8. **Keep hands away from cutting area.** Do not hand hold pieces so small that your fingers go under the blade guard. Do not reach underneath work or in blade cutting path with your hands and fingers for any reason.
9. **Never cut more than one piece at a time** or stack more than one workpiece on the saw table at a time.
10. Do not feed the material too quickly. Do not force the workpiece against the blade.
11. **Use only correct blades.** Use the right blade size and style for the material and the type of cut. Blade teeth should point down toward the table.
12. **Always support large workpieces** while cutting to minimize risk of blade pinching and kickback. Saw may slip, work or slide while cutting large or heavy boards.
13. **Do not remove jammed cutoff pieces** until blade has stopped.
14. **Never touch blade** or other moving parts during use.
15. **Before changing the setup and removing covers, guards or blades,** unplug the saw from the power source.
16. **Hold the workpiece** firmly against the saw table.
17. **To avoid accidental blade contact,** minimize blade breakage, and provide maximum blade support, always adjust the blade guide assembly to just clear the workpiece.
18. **Keep blades clean, sharp, and with sufficient set.** Sharp blades minimize stalling and kickbacks.
19. **Always turn off saw** before disconnecting it to avoid accidental starting when reconnecting to a power source.
20. **Make sure work area has ample lighting** to see the work and that no obstructions will interfere with safe operation before performing any work using your saw.
21. **The blade guides have been preset at the factory.** These settings are functional for some applications. We recommended that you check and adjust blade guide settings before first use of your saw.
22. **Do not use tool to cut metal.**
23. This tool should have the following markings:
 - a) Wear eye protection.
 - b) Keep fingers away from the blade.
 - c) Do not remove jammed or cutoff pieces until the blade has stopped.

SAFETY WARNINGS

- d) Be sure blade is installed with teeth pointing down.
 - e) Maintain proper adjustment of the blade tension, blade guides, and thrust bearings
 - f) Adjust the upper guide to just clear the workpieces.
 - g) Hold the workpiece firmly against the table when cutting.
- 24. **If the power supply cord is damaged**, it must be replaced only by the manufacturer or by an authorized service centre to avoid risk.
 - 25. **Save these instructions.** Refer to them frequently and use them to instruct other users.



TECHNICAL SPECIFICATIONS

Technical specifications

Voltage	120V~
Frequency	60Hz 0.47HP (35
Power input	0W) Class B
Insulation class	IP 20
Protection degree	
Max. Cutting Depth	3-1/2"
Max. Cutting Width	9"
Table size	300x300mm

ASSEMBLY

1. TOOLS REQUIRED FOR ASSEMBLY

Item	Description	Qty.
	Adjustable Wrench.....	1
	Square.....	1

2. UNPACKING AND CHECKING CONTENTS

The Band Saw is shipped complete in one box.

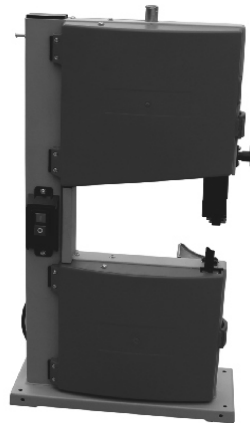
A. Separate all parts from carton and check each item with Carton Contents list below to make sure all items are accounted for, before discarding any packing material.

B. Remove the protective oil that is applied to the table. Use any ordinary household type grease and spot remover.

C. Apply a coat of paste wax to the table to prevent rust. Wipe all parts thoroughly with a clean dry cloth.

CARTON CONTENTS

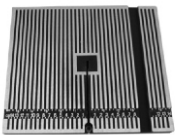
Item	Description	Qty.
A	Main Machine w/Blade Installed.....	1
B	Operator's Manual.....	1
C	Table.....	1
D	Upper Table Trunnion Assembly.....	1
E	Bag of Loose Parts.....	1



A



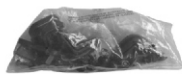
B



C



D



E

3. INITIAL ASSEMBLY

The band saw is supplied partly assembled. Prior to use, the following items have to be assembled: Table Trunnion, Table, and Blade Tension Knob.

WARNING: To avoid injury, do not attempt to run or use this machine until all parts are assembled and working properly.

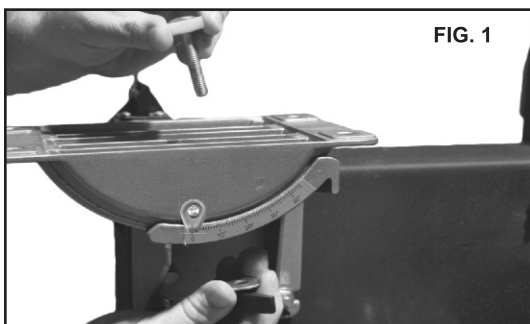


FIG. 1

A. Assemble the upper table trunnion to the lower table trunnion with Carriage Bolt, Glide Piece, Washer and Wing Nut (See FIG. 1).

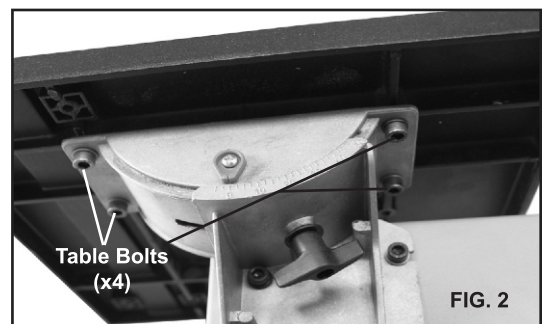
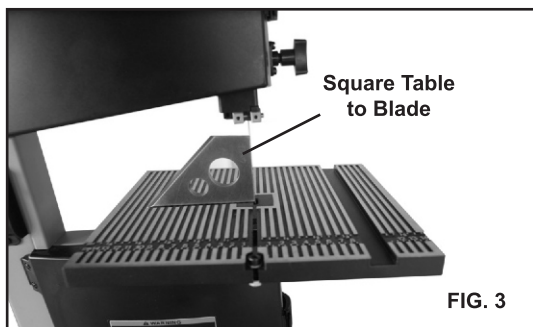


FIG. 2

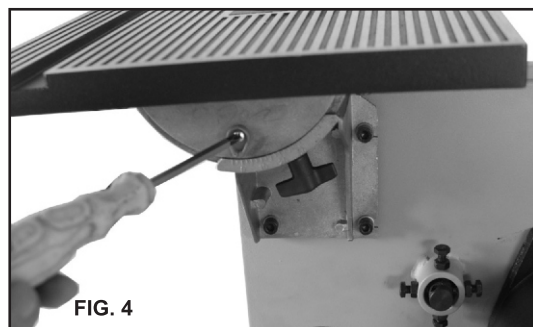
Table Bolts
(x4)

B. Locate four bolts and four washers used to mount the table. Lay the table onto the upper table trunnion and install a bolt washer in each hole, then tighten with "L" wrench provided (See FIG. 2).

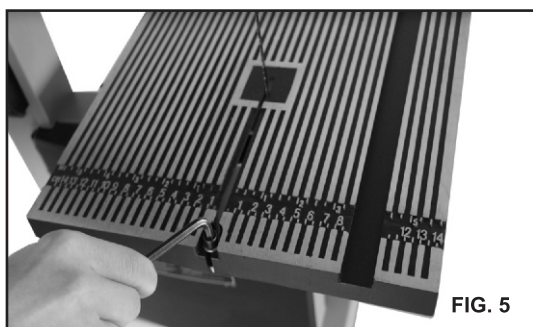
ASSEMBLY



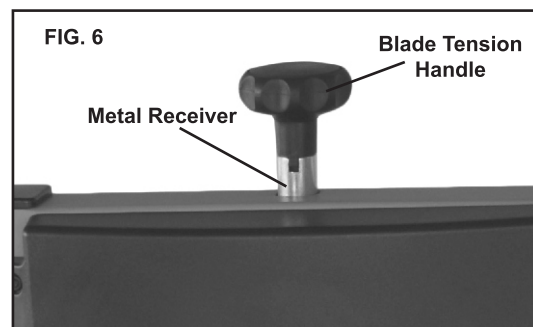
C. After the table is installed use a square to make sure that is 90 degrees to the blade (See FIG. 3).



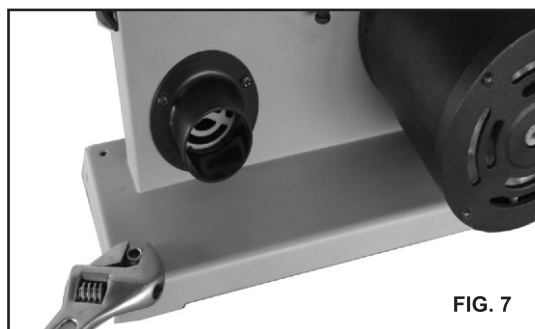
D. Next, set the degree pointer until it reads zero degrees. Using a Phillips screw driver loosen the pointer and set pointer to zero (See FIG. 4).



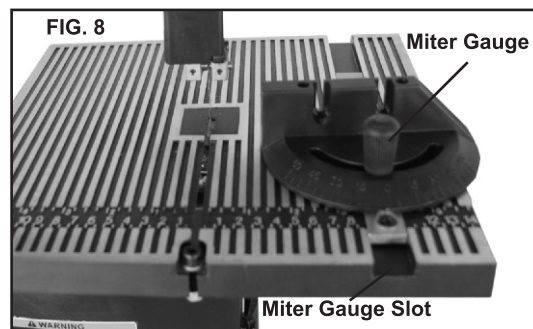
E. Install the table leveling hex socket screw, washer and nut (See FIG. 5).



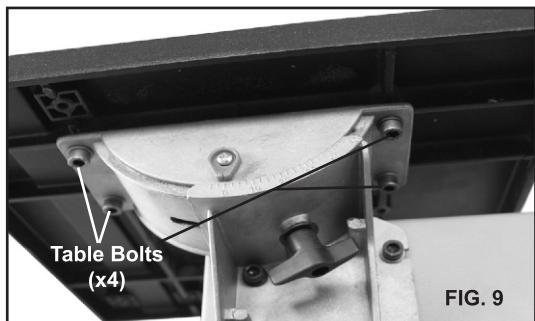
F. Insert the blade tension handle into the metal receiver protruding from the top of the saw (See FIG. 6).



G. To ensure upright stability, four holes are provided in the base to allow the saw to be bolted to a bench (See FIG. 7).

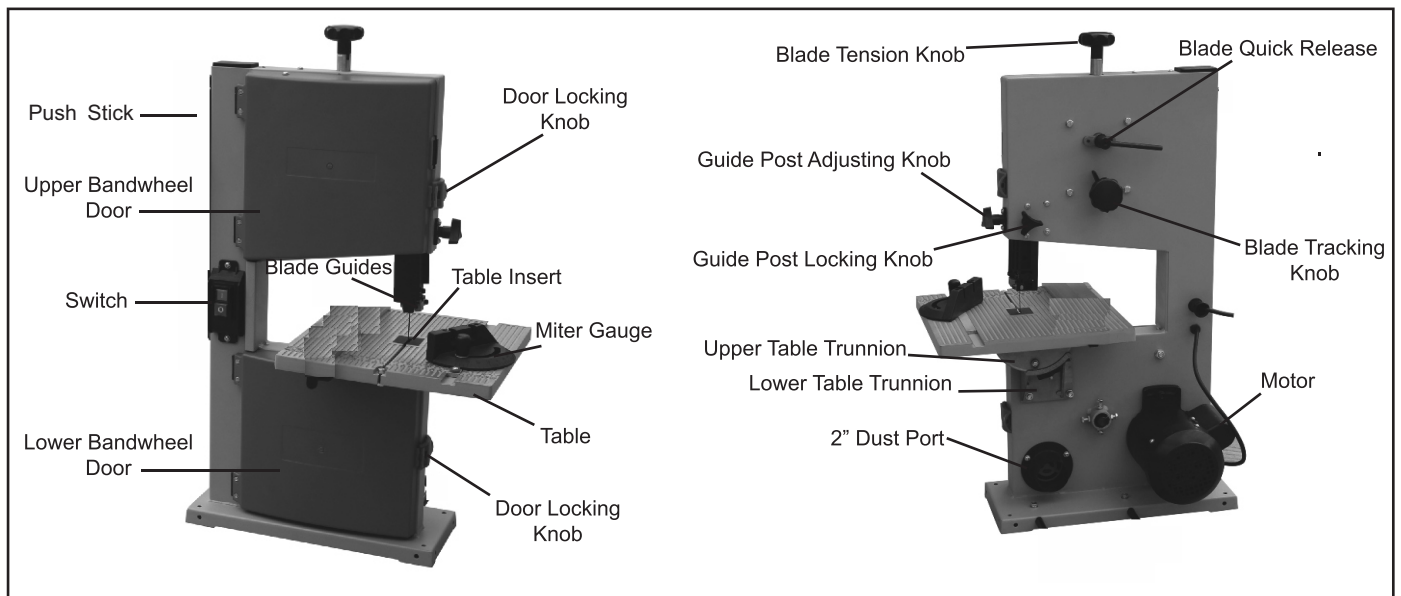


H. Slide the miter gauge into the miter gauge slot in the aluminum table (See FIG. 8).



I. To center the blade in the table, locate four bolts and four washers used to mount the table. Loosen the bolts and center the table by hand. Tighten the four bolts to retain adjustment (See FIG. 9.)

KNOW YOUR BAND SAW

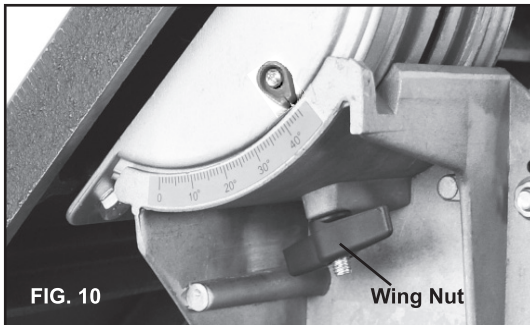


ADJUSTMENTS

4. TILTING THE TABLE

For bevel cuts, the table tilts 0 through 45 degrees.

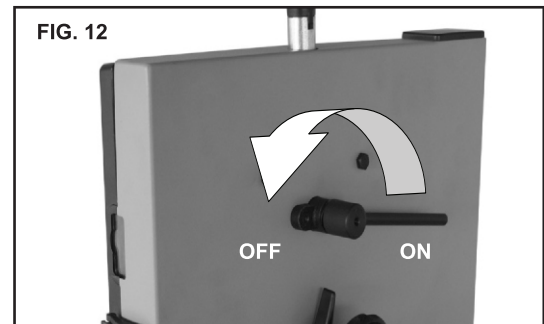
A. To tilt the table, loosen the wing nut on the table trunnion, set the table to the required angle and tighten the wing nut again (See FIG. 10).



B. It is recommended to verify the correct angle setting using an angle guide, or by making trial cuts in scrap wood. Adjust the indicator accordingly by using a phillips head screwdriver.

6. USING THE QUICK RELEASE LEVER

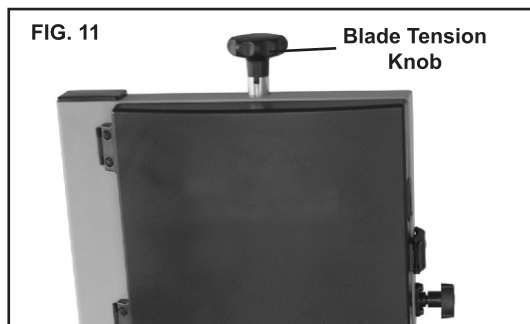
A. This band saw equipped with a quick release blade tension feature. It is used to help speed up the removal and installation of the saw blade.



B. To operate the quick release and remove tension from the blade, move the lever from the three o'clock position (ON) to the nine o'clock position (OFF). Reverse direction to tension the blade (See FIG 12).

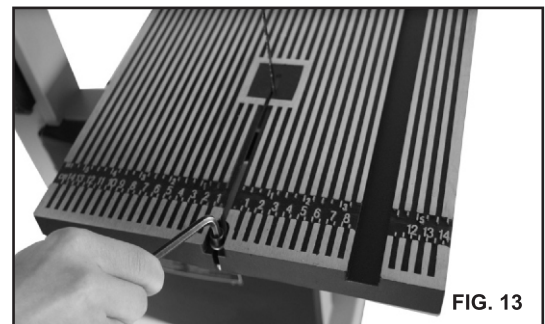
5. ADJUSTING THE BLADE TENSION

To loosen the tension of the blade, turn the blade tension knob counterclockwise. To tighten the tension of the blade, turn the tension knob clockwise (See FIG. 11).



7. CHANGING AND ADJUSTING THE SAW BLADE

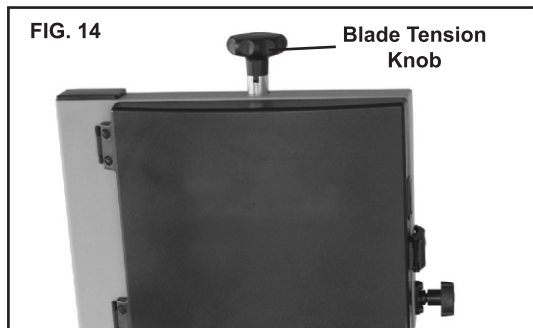
A. This band saw is factory-equipped with a general-purpose wood cutting blade, the saw blade is set prior to delivery. To change the saw blade, begin by removing the table leveling hex socket screw, washer and nut (See FIG. 13).



ASSEMBLY

WARNING: To avoid injury from unexpected starting, whenever changing the saw blade or carrying out adjustments, switch the band saw off and remove the power cord from the power outlet. To avoid injury to hands when handling the saw blade, wear gloves whenever necessary.

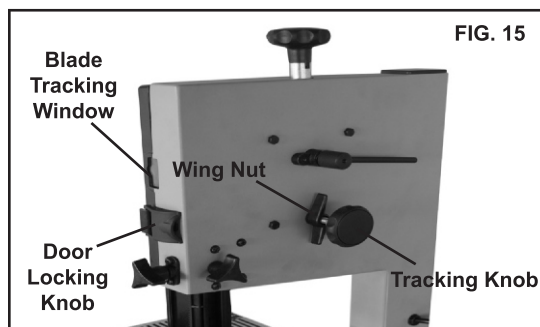
- B.** Open the upper and lower doors by releasing the door locking knobs.
- C.** Remove the blade tension by moving the quick release lever on the upper rear wheel housing counter-clockwise until the saw blade has slackened (See FIG. 12).
- D.** Remove the saw blade from the upper and lower wheels.
- E.** When installing the new saw blade ensure the blade teeth are pointing downwards and towards you at the position where the saw blade passes through the table.



- F.** Re-tension the new saw blade by turning quick release lever on the upper rear wheel housing clockwise. Check the saw blade tracking by turning the upper wheel by hand.
- G.** If more or less blade tension is needed, turn the blade tension knob until desired tracking is made (See FIG. 14).
- H.** If blade needs further tracking; proceed as mentioned below "TRACKING THE BAND SAW BLADE"

8. TRACKING THE BAND SAW BLADE

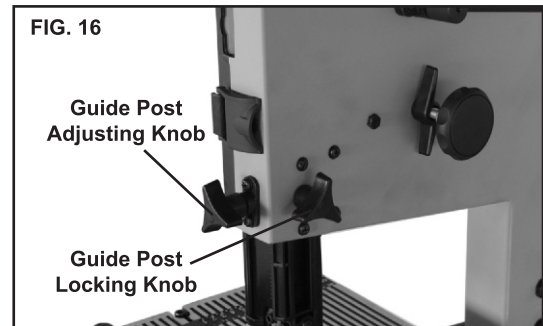
Set the tracking of the saw blade before setting the blade guides. Once the saw blade is installed and tensioned, track the saw blade by adjusting the tracking knob by hand (See FIG. 15). The saw blade should run in the center of the band saw wheels. Use the blade tracking window to check position on wheel. When the correct adjustment is achieved lock the tracking knob with the wing nut.



After it is determined that the blade is tracking in the center of both wheels, close the upper and lower doors by latching the door locking knobs (See FIG. 15).

8. SETTING THE CUTTING HEIGHT

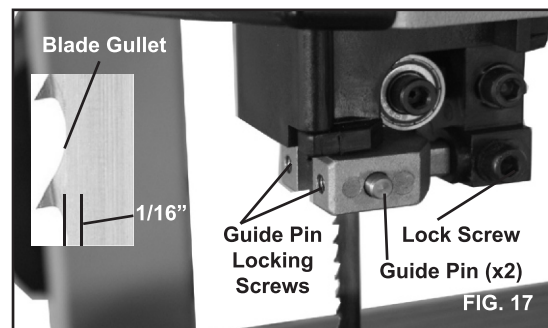
- A.** The upper blade guide should be set as close as practical above the work piece.
- B.** To adjust this height, loosen the guide post locking knob on the back of the upper wheel housing. (See FIG. 16)
- C.** Set the blade guides to the required height by turning the guide post adjusting knob.
- D.** Tighten the guide post locking knob after setting proper height.



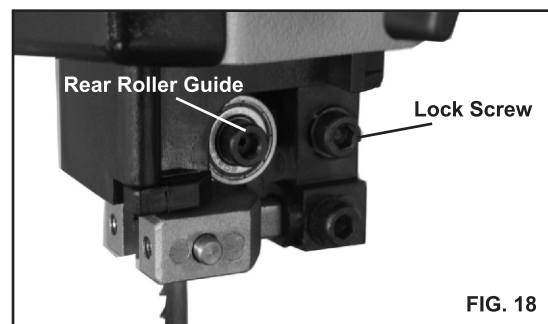
9. ADJUSTING THE BLADE GUIDES

The Upper Blade Guide

- A.** To adjust the upper blade guides, first position the right and left guide pins relative to the blade by loosening the lock screw (SEE FIG. 17) and moving the guide carrier forward until both side guide pins are approximately 1/16" behind the gullets of the saw blade.
- B.** Set both side guide pins to within 1/32" of the saw blade by releasing the guide pin locking screw (SEE FIG. 17) on each side of the saw blade and moving the guide pins to desired position. Lock the guide pin in position with the guide pin locking screw. Do not set the guide pins too close as this will adversely affect the life of the saw blade.



- C.** Adjust the rear roller guide to be just clear of the back of the saw blade by releasing the lock screw (SEE FIG. 18) and moving the roller guide to approximately 1/32" behind the blade.
- D.** When the correct adjustment is reached, lock the roller guide in position with the guide lock screw (SEE FIG. 18).



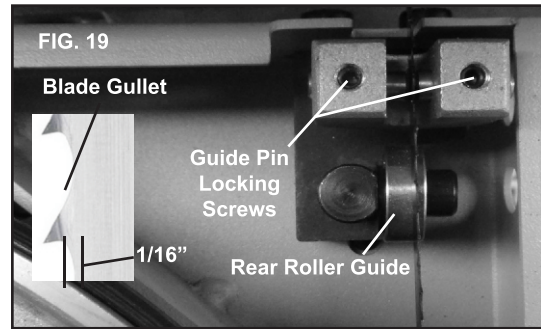
ASSEMBLY

The Lower Blade Guide

A. To adjust the upper blade guides, first position the right and left guide pins relative to the blade by loosening the lock screw (SEE FIG. 19) and moving the guide carrier forward until both side guide pins are approximately 1/16" behind the gullets of the saw blade.

B. Set both side guide pins to within 1/32" of the saw blade by releasing the guide pin locking screw (SEE FIG. 19) on each side of the saw blade and moving the guide pins to desired position. Lock the guide pin in position with the guide pin locking screw. Do not set the guide pins too close as this will adversely affect the life of the saw blade.

C. Adjust the rear roller guide to be just clear of the back of the saw blade by releasing the lock screw and moving the roller guide to approximately 1/32" behind the blade.

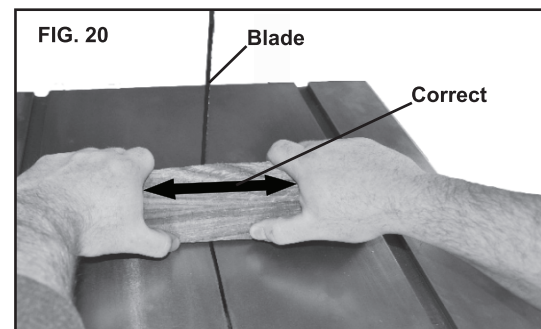


D. When the correct adjustment is reached, lock the roller guide in position with the guide lock screw.

OPERATION

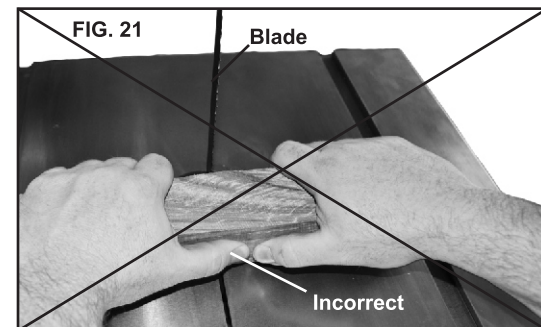
WARNING: Before starting check if any part of your band saw is missing, malfunctioning, has been damaged or broken, such as the motor, switch, or other operation control, a safety device or the power cord, turn the band saw off and unplug it until the particular part is properly repaired or replaced.

The saw blade cuts on a continuous downstroke. To avoid injury when hands are unavoidably near to the saw blade, they should be placed on either side of the blade (See FIG. 20), not in line with it (See FIG. 21). Use a push stick whenever possible when working in close proximity to the saw blade.



Start the band saw by lifting the switch to the ON position (See FIG. 22) and wait for the band saw to come to full speed before starting to cut. Never start the band saw with the work piece in contact with the saw blade.

Slowly feed the work piece towards the saw blade, putting only light pressure on it. With both hands, firmly hold the work piece down on the table, and feed it towards the saw blade slowly.



For best results the saw blade must be sharp. Select the right saw blade for the job, depending on the thickness of the wood the cut to be made. The thinner and harder the wood, the finer the teeth (14 teeth per inch) of the saw blade. Use a fine tooth blade for cutting sharp curves. For thick wood cutting use less teeth, approximately 4 teeth per inch.

The machine is especially suited for cutting curves, but will also make straight cuts. Do not attempt to turn the work piece without pushing it, as this may cause the work piece to get stuck, or the saw blade to bend.

WARNING: To avoid injury due to unexpected starting, before cleaning or carrying out maintenance work, switch off and disconnect the band saw from the power source.

Never use water or other liquids to clean the band saw. Use a dry brush.

Regular maintenance of the band saw will prevent unnecessary problems.

- A.** Keep the table clean to ensure accurate cutting.
- B.** Keep the outside of the machine clean to ensure accurate operation of all moving parts and prevent excessive wear.
- C.** Keep the ventilation slots of the motor clean to prevent it from overheating.
- D.** Keep the inside (near the saw blade, etc.) clean to prevent accumulation of dust (See FIGS. 23 & 24). Use dust collection if possible.
- E.** To prolong the life of the saw blade, when the band saw is not in use for extended periods, release the saw blade tension (See FIG. 24). Before reusing the band saw ensure that the blade is re-tensioned and tracking is checked.

FIG. 23

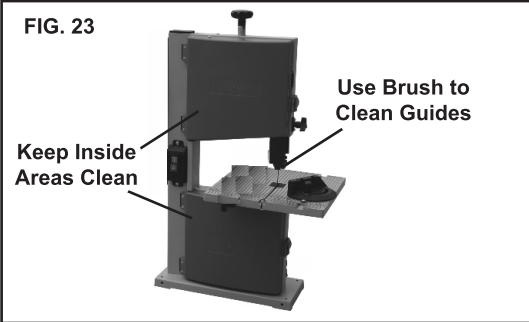
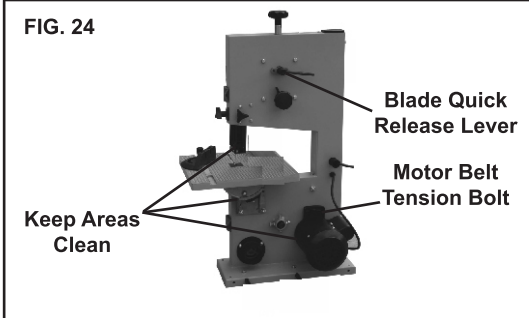


FIG. 24



14. CHANGING THE DRIVE BELT

- A.** Release the saw blade tension by turning the blade tension knob on the top of band saw counterclockwise.
- B.** Release the drive belt tension by loosening motor belt tension bolt (See FIG. 24).
- C.** Using snap-ring pliers remove the installed snap-ring (See FIG. 25) from the center of the lower wheel.
- D.** Carefully slide the lower wheel forward and at the same time release the saw blade from the wheel.
- E.** Remove the old drive belt and install the new belt (ensure ribs in drive belt are seated correctly before reassembling and tensioning the drive belt).
- F.** Slide the lower wheel back onto the lower wheel shaft making sure the belt is placed around the motor pulley. Install the snap-ring.
- G.** Follow procedures for CHANGING AND ADJUSTING THE SAW BLADE & TRACKING THE BAND SAW BLADE, before restoring power to the band saw and setting up for use.

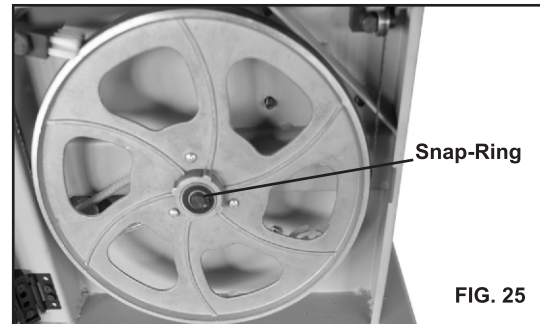
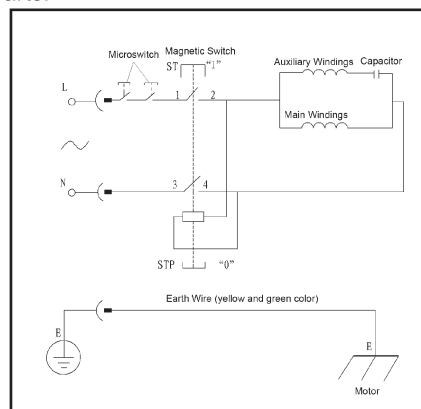


FIG. 25

ELECTRICAL SCHEMATIC

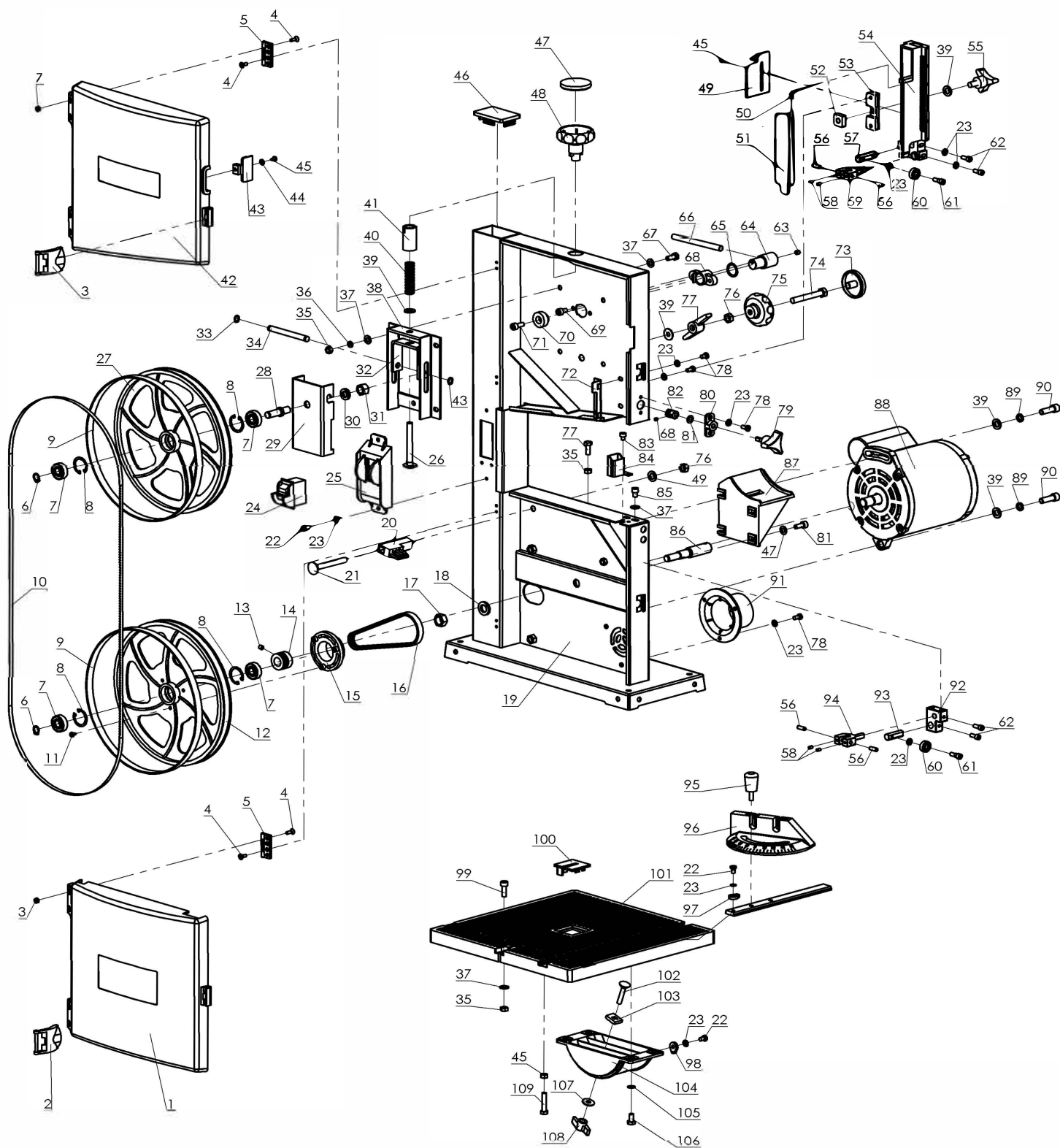
WARNING: This machine must be grounded. To avoid electrocution or fire, any repairs to electrical system should be done only by a qualified electrician, using genuine replacement parts.



TROUBLESHOOTING

Problem	Diagnosis	Remedy
The machine does not work when switched on.	<ol style="list-style-type: none"> 1. No power supply. 2. Defective switch. 3. Defective motor. 	<ol style="list-style-type: none"> 1. Check the cable for breakage. 2. Replace the lock switch. 3. Defective motor.
The saw blade does not move with the motor running.	<ol style="list-style-type: none"> 1. The blade tension knob has not been tightened. 2. The blade has come off one of the wheels. 3. The saw blade has broken. 4. The drive belt has snapped. 	<ol style="list-style-type: none"> 1. Switch off the motor, tighten the blade tension knob. 2. Open the doors and check. 3. Replace the blade. 4. Replace the belt.
The saw blade does not cut in a straight line.	<ol style="list-style-type: none"> 1. Rip fence for cutting not used. 2. Feed rate too fast. 3. The blade teeth are dull or damaged. 4. Blade guides not suitably adjusted. 	<ol style="list-style-type: none"> 1. Use a rip fence. 2. Put light pressure on the work piece. Make sure the saw blade does not bend. 3. Try a new saw blade. 4. Adjust the blade guides (see ADJUSTMENT instructions).
The saw blade does not cut, or cuts very slowly.	<ol style="list-style-type: none"> 1. The teeth are dull, caused by cutting hard material or long use. 2. The saw blade was fitted the wrong way on the band saw. 	<ol style="list-style-type: none"> 1. Replace the saw blade, use a 6 T.P.I. (Teeth Per Inch) saw blade for wood and soft material. Use a 14 T.P.I. saw blade for harder materials. A 14 T.P.I. saw blade always cuts slower due to the finer teeth and the slower cutting performance. 2. Fit the saw blade correctly.
Sawdust builds up inside the machine.	This is normal	Clean the machine regularly. Open the doors and remove the sawdust with a vacuum cleaner.
Sawdust inside the motor housing.	This is normal	Clean the ventilating slots of the motor with a vacuum cleaner. From time to time remove the sawdust to prevent it from being drawn into the housing.
The machine does not cut at 45 or 90 degrees.	<ol style="list-style-type: none"> 1. The table is not at right angles to the blade. 2. The saw blade is dull or too much pressure was put on the work piece. 	<ol style="list-style-type: none"> 1. Adjust the table. 2. Replace the saw blade or put less pressure on the work piece.
The saw blade can not be properly positioned on the wheels.	<ol style="list-style-type: none"> 1. The wheels are not in alignment or defective bearing. 2. The blade tracking knob hasn't been properly adjusted. 3. Inferior saw blade. 	<ol style="list-style-type: none"> 1. Replace bearing. 2. Adjust the blade tracking knob (See ADJUSTMENT instructions). 3. Replace the saw blade.

PARTS INFORMATION



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Part No.	Description	Qty.	Part No.	Description	Qty.
1	low protection door	1	56	Cylinder Pin	4
2	Door Locking Plate	2	57	Position Shaft-Upper	1
3	Nut	8	58	Screw	5
4	Screw	16	59	Upper Guide Piece	1
5	Door Hinge	4	60	Ball Bearing	2
6	E-Ring	2	61	Screw for Ball Bearing	2
7	ball bearing	4	62	Screw	4
8	Retaining ring	4	63	Screw	1
9	Tire	2	64	Shaft	1
10	Saw Blade	1	65	Washer	1
11	Screw	3	66	Lever	1
12	Lower Wheel	1	67	Bolt	11
13	Screw	1	68	Fix Tube	1
14	Motor Pulley	1	69	Screw	2
15	Drive Pulley	1	70	Shaft Tube	1
16	Drive Belt	1	71	Screw	5
17	Nut	1	72	Baffle	1
18	Elastic Washer	1	73	Adjusting Knob Cap	1
19	Frame	1	74	Bolt	1
20	Brush	1	75	Adjusting Knob	1
21	Coach Bolt	1	76	Nut	3
22	Screw	9	77	Wing Locking Knob	1
23	Flat Washer	14	78	Screw	4
24	Switch	1	79	Operating Knob	1
25	Switch Plate	1	80	Locking Bracket	1
26	Coach Bolt	1	81	Washer	1
27	Upper Wheel	1	82	Gear	1
28	Upper Wheel Shaft	1	83	Screw	2
29	Bracket for Upper Wheel	1	84	Lower Protection Bracket	1
30	Elastic Washer	1	85	Screw	2
31	Nut	1	86	Lower Wheel Shaft	1
32	Blade Tensioner	1	87	Lower Table Trunnion	1
33	E-ring	2	88	Motor	1
34	Key Shaft	1	89	Elastic Washer	2
35	Nut	15	90	Screw	2
36	Elastic Washer	6	91	Dust Port	1
37	Flat Washer	17	92	Lower Support Piece	1
38	Wheel Carrier Bracket	1	93	Lower Position Shaft	1
39	Flat Washer	6	94	Lower Guide Piece	1
40	Spring	1	95	Knob	1

PARTS INFORMATION

41	Tensioner Tube	1		96	Miter Guage	1
42	Upper Protection Door	1		97	Angle Pointer	2
43	View Window	1		98	Angle Pointer	1
44	Flat Washer	1		99	Screw	1
45	Screw	2		100	Table Insert	1
46	Plastic Insert	1		101	Work Table	1
47	Tension Knob Cap	1		102	Coach Bolt	1
48	Tension Knob	1		103	Slide Plate	1
49	Slide Plate	1		104	Lower Table Trunnion	1
50	Spring	1		105	Teeth Washer	4
51	Cover	1		106	Bolt	6
52	Locking Piece	1		107	Big Flat Washer	1
53	Fix Piece	1		108	Wing Locking Knob	1
54	Upper Guide Bracket	1		109	Bolt	1
55	Locking Knob	1				