

Save This Manual
For Future Reference

SEARS

owner's
manual

Model No.
113.248340

Single Speed Band Saw
with Leg Set

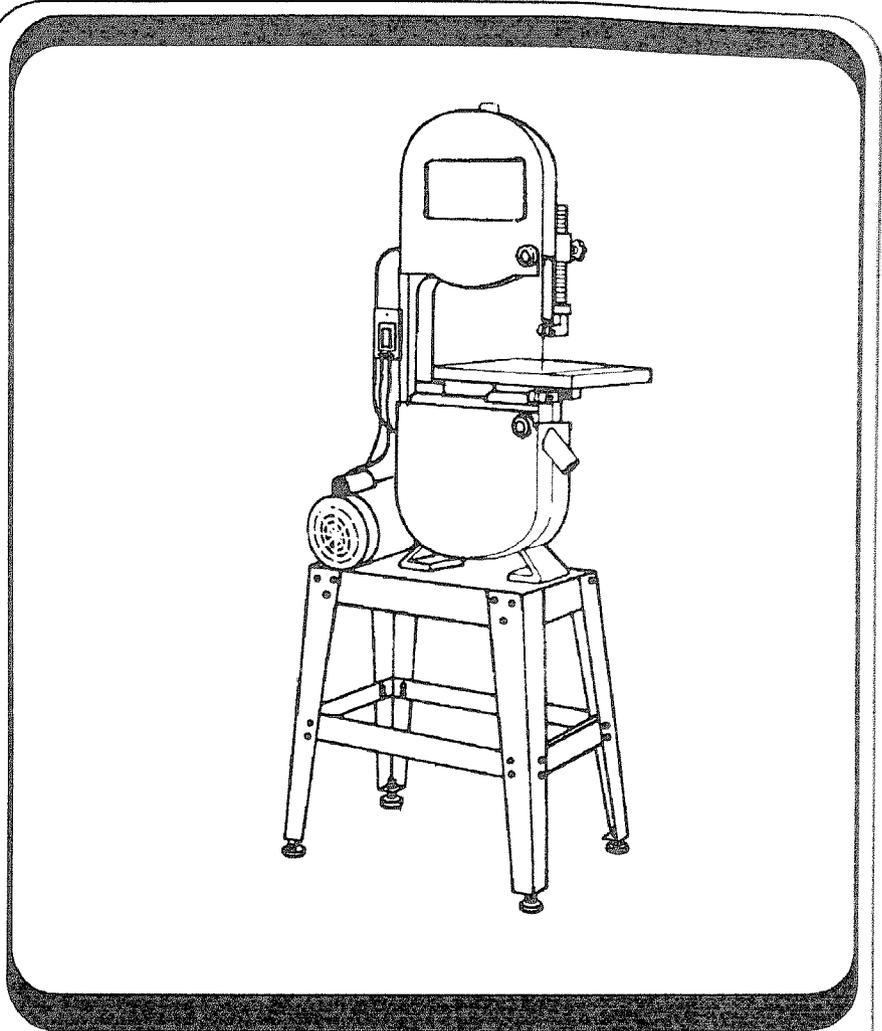
Serial
Number _____

Model and serial numbers
may be found at the rear of
the base.

You should record both
model and serial number in
a safe place for future use.

**FOR YOUR
SAFETY**

**READ ALL
INSTRUCTIONS
CAREFULLY**



SEARS / CRAFTSMAN

14 INCH BAND SAW

- assembly
- operating
- repair parts

Sold by SEARS, ROEBUCK AND CO., Hoffman Estates, IL. 60179 U.S.A.

FULL ONE YEAR WARRANTY ON CRAFTSMAN BAND SAW

If within one year from the date of purchase, this Craftsman Band Saw fails due to a defect in material or workmanship, Sears will repair it, free of charge.

WARRANTY SERVICE IS AVAILABLE BY SIMPLY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT THROUGHOUT THE UNITED STATES.

This warranty applies only while this product is used in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SEARS, ROEBUCK AND CO., D/817 WA Hoffman Estates, IL 60179

Safety Instructions For Band Saw

Safety Signal Words:

DANGER: means if the safety information is not followed someone will be seriously injured or killed.

WARNING: means if the safety information is not followed someone could be seriously injured or killed.

CAUTION: means if the safety information is not followed someone may be injured.

Before Using The Saw:

WARNING: to avoid mistakes that could cause serious, permanent injury, do not plug the saw in until the following steps have been completed.

- Completely assemble and align saw (see "Assembly" and "Alignment" section within).
- Learn the use and function of the ON-OFF switch, bevel handwheel, bevel lock knob, blade guides, backup bearings, guide bar lock knob and blade guard.
- Review and understand all safety instructions and operating procedures in this manual.
- Review the maintenance methods for this saw.
- Find and read all the warning labels found on the front of the saw (shown below).

When Installing Or Moving The Saw:

Avoid dangerous environment.

- Use the saw in a dry, indoor place protected from rain.
- Keep work area well lighted.

To avoid injury from unexpected saw movement.

- Put the saw on a firm level surface where there is plenty of room to handle and properly support the workpiece.
- Support the saw so the table is level and the saw does not rock.

- Bolt the saw to the floor or work surface if it tends to slip, walk or slide during operations like cutting long, heavy boards.

- Turn saw off and unplug cord before moving the saw.

To avoid injury from electrical shock.

- Make sure your fingers do not touch the plug's metal prongs when plugging in or unplugging the saw.

To avoid back injury.

- Get help or use recommended casters when you need to move the saw. Always get help if you need to lift the saw.
- **Never stand on tool.** Serious injury could occur if the tool tips or you accidentally hit the cutting tool. Do not store any items above or near the tool where anyone might stand on the tool to reach them.

Before Each Use:

Inspect your saw.

- To avoid injury from accidental starting, turn the switch off, unplug the saw, and remove the switch key before changing the setup, removing covers, guards or blade.
- Check for alignment of moving parts, binding of moving parts, breakage of parts, saw stability, and any other conditions that may affect the way the saw works.
- If any part is missing, bent or broken in any way, or any electrical part does not work properly, turn the saw off and unplug the saw.
- Replace damaged or missing parts before using the saw again.
- Maintain tools with care. Keep the saw clean for best and safest performance. Follow instructions for lubricating.
- Remove adjusting keys and wrenches. Form a habit of checking for and removing keys and adjusting wrenches from table top before turning it on.

▲ WARNING

ALLOW TOOL TO STOP BEFORE ADJUSTING

RESTORE ALL GUARDS TO PROPER POSITION BEFORE OPERATING. THIS INCLUDES THE BLADE GUARD UNDER THE TABLE

▲ WARNING

1. Read manual before using saw.
2. Wear safety goggles that meet ANSI Z87.1 standards.
3. Be sure blade is installed with teeth pointing down.
4. Keep fingers away from the moving blade.
5. Do not remove jammed cutoff pieces until blade has stopped.
6. Maintain proper adjustment of blade tension, blade guides, and thrust bearings.
7. Adjust upper guide to just clear the wood.
8. Hold workpiece firmly against the table.
9. Turn power off and wait for blade to stop before adjusting or servicing.

To avoid injury from jams, slips or thrown pieces or broken blades.

Inspect your blade.

- Choose the right blade size, style and cutting speed for the material and the type of cutting you plan to do.
- Use only recommended accessories. Consult this owners manual for recommended accessories. Follow the instructions that come with the accessories. The use of improper accessories may cause risk of injury to persons.
- Make sure the blade teeth point downward, toward the table.
- Make sure the blade guides and thrust bearings are properly adjusted.
- Make sure the blade tension is properly adjusted.
- Make sure the bevel clamp is tight and no parts have excessive play.
- To avoid accidental blade contact, minimize blade breakage and provide maximum blade support, always adjust the upper blade guide and blade guard to just clear the workpiece.

Inspect your work area.

- Keep work area clean.
- Cluttered areas and benches invite accidents. Floor must not be slippery from wax or sawdust.
- To avoid burns or other fire damage, never use the saw near flammable liquids, vapors or gases.

Plan your work.

- Use the right tool. Don't force tool or attachment to do a job it was not designed to do.
- Use this band saw to cut only wood, wood like products and plastics.

CAUTION: To avoid blade breakage, fire or other damage to the saw, NEVER use this band saw to cut metals.

- Know your saw. Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.
- To avoid injury from accidental contact with moving parts, don't do layout, assembly, or set up work on the saw while any parts are moving.
- Avoid accidental starting. Make sure switch is "OFF" before plugging saw into a power outlet.

Plan ahead to protect your eyes, hands, face and ears.



Dress for safety

Any power saw can throw foreign objects into the eyes. This can cause permanent eye damage. Wear safety goggles (not glasses) that comply with ANSI Z87.1 (shown on package). Everyday eyeglasses have only impact resistance lenses. They are not safety glasses. Safety goggles are available at Sears retail catalog stores. Glasses or goggles not in compliance with ANSI Z87.1 could seriously hurt you when they break.

- Do not wear loose clothing, gloves, neckties or jewelry (rings, wrist watches). They can get caught and draw you into moving parts.
- Wear nonslip footwear.
- Tie back long hair.
- Roll long sleeves above the elbow.
- Noise levels vary widely. To avoid possible hearing damage, wear ear plugs or muffs when using saw for hours at a time.
- For dusty operations, wear a dust mask along with the safety goggles.

Inspect your workpiece.

Make sure there are no nails or foreign objects in the part of the workpiece to be cut.

Use extra caution with large, very small or awkward workpieces:

- Use extra supports (tables, saw horses, blocks, etc.) for any workpieces large enough to tip when not held down to the table top.
- NEVER use another person as a substitute for a table extension, or as additional support for a workpiece that is longer or wider than the basic saw table, or to help feed, support or pull the workpiece.
- When cutting irregularly shaped workpieces, plan your work so it will not slip and pinch the blade. A piece of molding for example, must lie flat or be held by a fixture of jig that will not let it twist, rock or slip while being cut.
- Properly support round material such as dowel rods, or tubing. They have a tendency to roll during a cut, causing the blade to "bite". To avoid this, always use a "V" block or clamp the work to the miter gage.
- Cut only one workpiece at a time.
- Clear everything except the workpiece and related support devices off the table before turning the saw on.

Plan the way you will hold the workpiece from start to finish.

- Do not hand hold pieces so small that your fingers will go under the blade guard. Use jigs or fixtures to hold the work and keep your hands away from the blade.
- Secure work. Use clamps to hold work when practical. It's often safer than using your hand, and frees both hands to operate the tool.
- Don't overreach. Keep good footing and balance.

Safety Instructions for Band Saws (continued)

Whenever Sawblade Is Spinning:

WARNING: Don't allow familiarity (gained from frequent use of your band saw) cause a careless mistake. Always remember that a careless fraction of a second is enough to cause a severe injury.

- Before starting your cut, watch the saw while it runs. If it makes an unfamiliar noise or vibrates a lot, stop immediately. Turn the saw off. Unplug the saw. Do not restart until finding and correcting the problem.
- Before removing loose pieces from the table, turn saw off and wait for all moving parts to stop.

Keep Children Away.

- Keep all visitors a safe distance from the table saw.
- Make sure bystanders are clear of the table saw and workpiece.

Don't Force Tool.

- Let the blade reach full speed before cutting.
- It will do the job better and safer at its designed rate.
- Feed the workpiece into the saw only fast enough to let the blade cut without bogging down or binding.

Before freeing jammed material.

- Turn switch "OFF".
- Unplug the saw.

- Wait for all moving parts to stop.
- Remove switch key.

When backing up the workpiece, the blade may bind in the kerf (cut). This is usually caused by sawdust clogging up the kerf or because the blade comes out of the guides. If this happens:

- Turn saw "OFF".
- Wait for all moving parts to stop.
- Remove switch key.
- Unplug the saw.
- Remove band saw cover.
- Stick flat blade screwdriver or wedge into the kerf.
- Turn the upper wheel by hand while backing up the workpiece.

Before Leaving The Saw.

- Turn the saw off.
- Wait for all moving parts to stop.
- Unplug the saw.
- Make workshop child-proof.
 - Lock the shop.
 - Disconnect master switches.
 - Remove the yellow switch key. Store it away from children and others not qualified to use the tool.

Glossary Of Terms For Woodworking

Beveling

An angle cutting operation made through the face of the workpiece.

Compound Cutting

A simultaneous bevel and miter crosscutting operation.

Crosscut

A cutting operation made across the width of the workpiece.

FPM

Feet per minute. Used in reference to surface speed of blade.

Freehand (as used for band saw)

Performing a cut without the workpiece properly supported on the work table.

Gum

A sticky, sap based residue from wood products.

Kerf

The material removed by the blade in a through cut or the slot produced by the blade in a nonthrough or partial cut.

Leading End

The end of the workpiece which, is pushed into the cutting tool first.

Mitering

An angle cutting operation made across the width of the workpiece.

Push Stick

A device used to feed the workpiece through the saw during narrow ripping type operations and helps keep the operator's hands well away from the blade.

Resaw

A cutting operation to reduce the thickness of the workpiece to make thinner pieces.

Resin

A sticky, sap based substance that has dried.

Ripping

A cutting operation along the length of the workpiece.

Sawblade Path

The area of the worktable or workpiece directly in line with the saw blade.

Set

The distance the tip of the sawblade tooth is bent outward from the face of the blade.

Trailing End

The workpiece end last cut by the blade.

Workpiece

The item on which the cutting operation is being performed. The surfaces of a workpiece are commonly referred to as faces, ends, and edges.

Worktable

The surface on which the workpiece rests while performing a cutting or sanding operation.

Motor Specifications and Electrical Requirements

Power Supply and Motor Specifications

The A-C motor used in this saw is non-reversible type, having the following specifications:

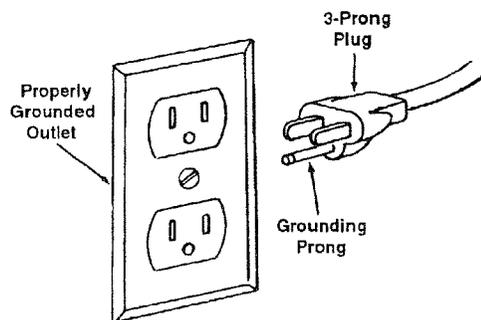
| | |
|------------------------|------------------|
| Rated H.P. | 3/4 |
| Maximum Developed H.P. | 1-1/2 |
| Voltage | 120 |
| Amperes | 10 |
| Hertz (Cycles) | 60 |
| Phase | Single |
| RPM | 1725 |
| Rotation of Shaft | Counterclockwise |

WARNING: To avoid electrical hazards, fire hazards or damage to the tool, use proper circuit protection. Your saw is wired at the factory for 120v operation. Connect to a 120v, 15-amp, branch circuit and use a 15-amp fuse or circuit breaker.

WARNING: To avoid shock or fire, if power cord is worn, cut or damaged in any way, have it replaced immediately.

WARNING: If not properly grounded this power tool can cause electrical shock-particularly when used in damp locations close to plumbing. If an electrical shock occurs there is also the potential of a secondary hazard such as your hands contacting the sawblade. Not all outlets are properly grounded. If you are not sure that your outlet is properly grounded, have it checked by a qualified electrician.

Your unit has a plug that looks like the one shown below.



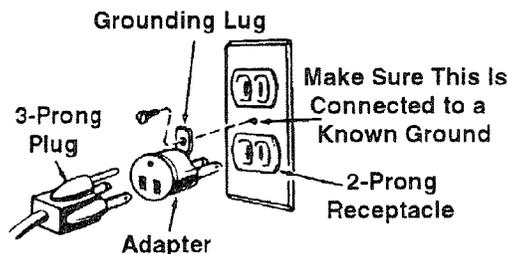
This power tool is equipped with a 3-conductor cord and ground type plug listed by Underwriters' Laboratories. The ground conductor has a green jacket and is attached to the tool housing at one end and to the ground prong in the attachment plug at the other end.

This plug requires a mating 3-conductor grounded type outlet as shown above.

WARNING: To maintain proper tool grounding whenever the outlet you are planning to use for this power tool is of the two prong type, do not remove or alter the grounding prong in any manner. Use an adapter as shown and always connect the grounding prong to known ground.

Have a qualified electrician replace the two prong outlet with a properly grounded three prong outlet.

An adapter as shown is available for connecting the plug to a 2 prong receptacle. The green grounding lead extending from the adapter must be connected to a permanent ground such as properly grounded outlet box.



WARNING: The adapter illustrated is for use only if you already have a properly grounded 2-prong receptacle.

Motor Safety Protection

Note: To avoid motor damage this motor should be blown out or vacuumed frequently to keep sawdust from interfering with normal motor ventilation.

1. This tool should be connected to a 120v, 15 amp branch circuit with a 15 amp fuse or circuit breaker. Failure to use the proper size fuse can result in damage to the motor.
2. If the motor fails to start, turn the power switch to the "OFF" position immediately. Unplug the tool. Check the sawblade to make sure it turns freely. If the blade is free, try to start the motor again. If the motor still does not start, refer to the "Motor Troubleshooting Chart".
3. If the motor suddenly stalls while cutting wood, turn the power switch off, unplug the tool and free the blade from the wood. The motor may now be restarted and the cut finished.
4. Frequent "blowing" of fuses or tripping of circuit breakers may result if:
 - a. Motor is overloaded - Overloading can occur if you feed too rapidly.
 - b. Low Voltage - Although the motor is designed for operation on the voltage and frequency specified on the motor nameplate, normal loads will be handles safety on voltages not more than 10% above or below the nameplate voltage. Heavy loads, however, require voltage at motor terminals equals the voltage specified on nameplate.
5. Motor troubles may be traced to loose or incorrect connections, overload, reduced input voltage (such as small size wire in the supply circuit) or to overly long supply circuit wire. Always check the connections, the load and the supply circuit whenever motor fails to perform satisfactorily. Check wire size and length with the Wire Size Chart below.

Motor Specifications and Electrical Requirements (continued)

Wire Sizes

The use of any extension cord will cause some loss of power. To keep this to a minimum and to prevent overheating and motor burn-out, use the table below to determine the minimum wire size (A.W.G.) extension cord. Use only 3-wire extension cords which have 3-prong grounding type plugs and 3-pole receptacles which accepts the tools plug.

CAUTION: For circuits that are farther away from electrical service box, the wire size must be increased proportionately in order to deliver ample voltage to the saw motor.

| Length of the Conductor | A.W.G. |
|-------------------------|--------|
| 0 - 25 Ft. | 14 |
| 26 - 50 Ft. | 12 |

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Unpacking and Checking Contents

Tools Needed

Tools required for assembly and alignment:

- Combination Square
- 10mm and 14mm combination wrench
- Adjustable wrench.
- #1 and #2 Phillips screwdrivers
- Straightedge



10mm Combination Wrench



14mm Combination Wrench



#1 Phillips Screwdriver



#2 Phillips Screwdriver



Adjustable Wrench

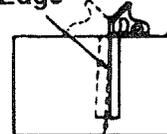


Combination Square

Combination Square Must be True

Draw Light
Line on Board
Along this Edge

Straight Edge of
Board 3/4" Thick
This Edge Must be
Perfectly Straight



Should be no Gap or Overlap when Square
is Flipped Over in Dotted Position

Unpacking

WARNING: To avoid injury from unexpected starting or electrical shock, do not plug the saw in until all assembly and alignment steps are complete. The power cord must remain unplugged whenever you are working on the saw.

Unpacking and Checking Contents

1. Separate all "loose parts" from packaging materials and check each item with "Table of Loose Parts" to make sure all items are accounted for, before discarding any packing material.

WARNING: If any parts are missing, do not attempt to assemble the band saw, plug in the power cord, or turn the switch on until the missing parts are obtained and are installed correctly.

2. Sometimes small parts get lost in packaging materials. Do not throw away any packaging until your saw is put together. If you are missing a part, check packaging before contacting Sears.

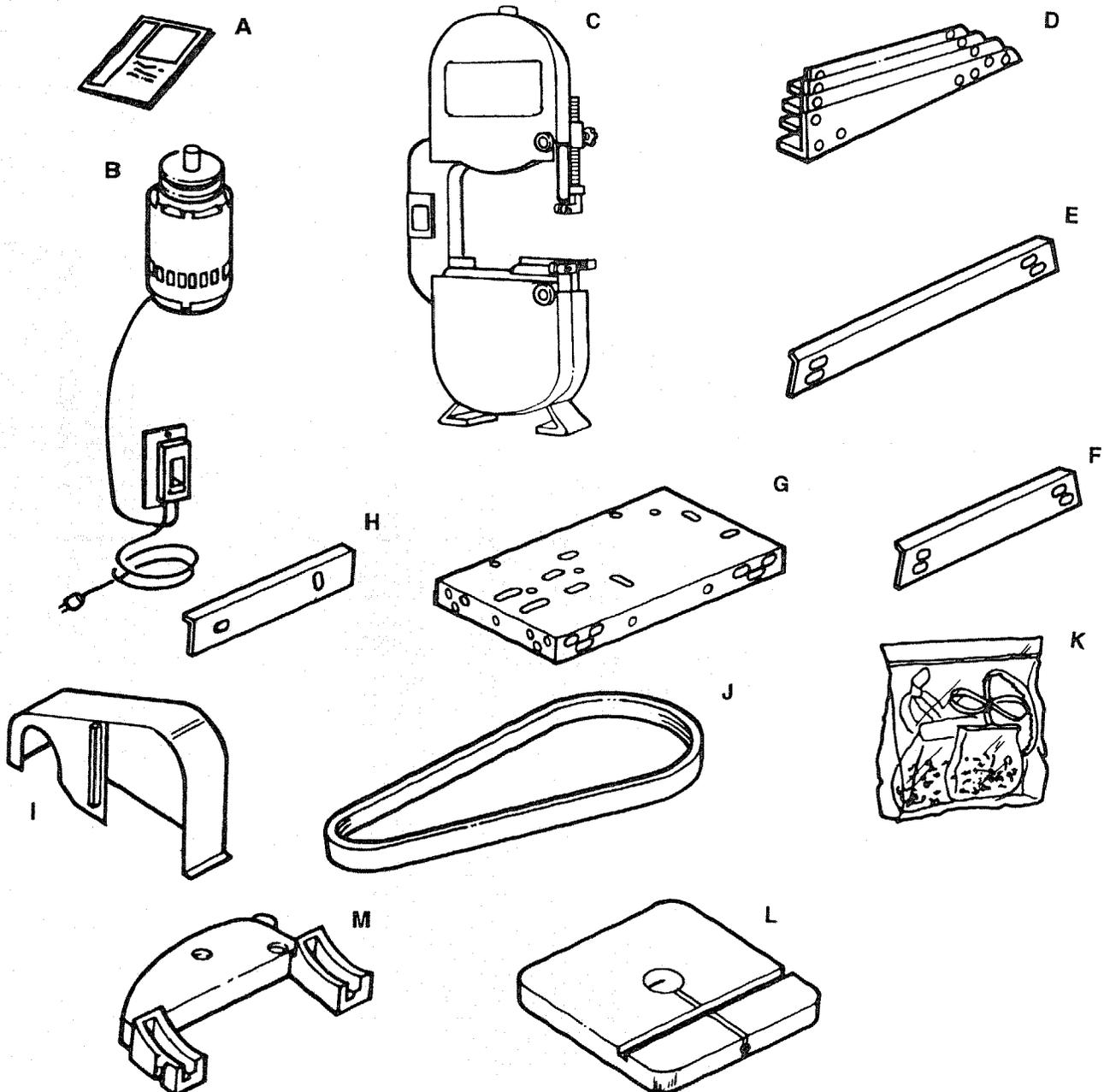
Unpacking and Checking Contents (continued)

Table of Loose Parts

| Item | Description | Qty. | Item | Description | Qty. |
|------|------------------------|------|------|-----------------------|------|
| A | Owners Manual..... | 1 | I | Cover Pulley | 1 |
| B | Motor w/Switch | 1 | J | V-Belt | 1 |
| C | Band Saw | 1 | K | Bag Asm..... | * |
| D | Leg..... | 4 | L | Table Asm..... | 1 |
| E | Stiffener (Long)..... | 2 | M | Trunnion Support..... | 1 |
| F | Stiffener (Short)..... | 2 | | | |
| G | Stand Top..... | 1 | | | |
| H | Plate Support..... | 1 | | | |

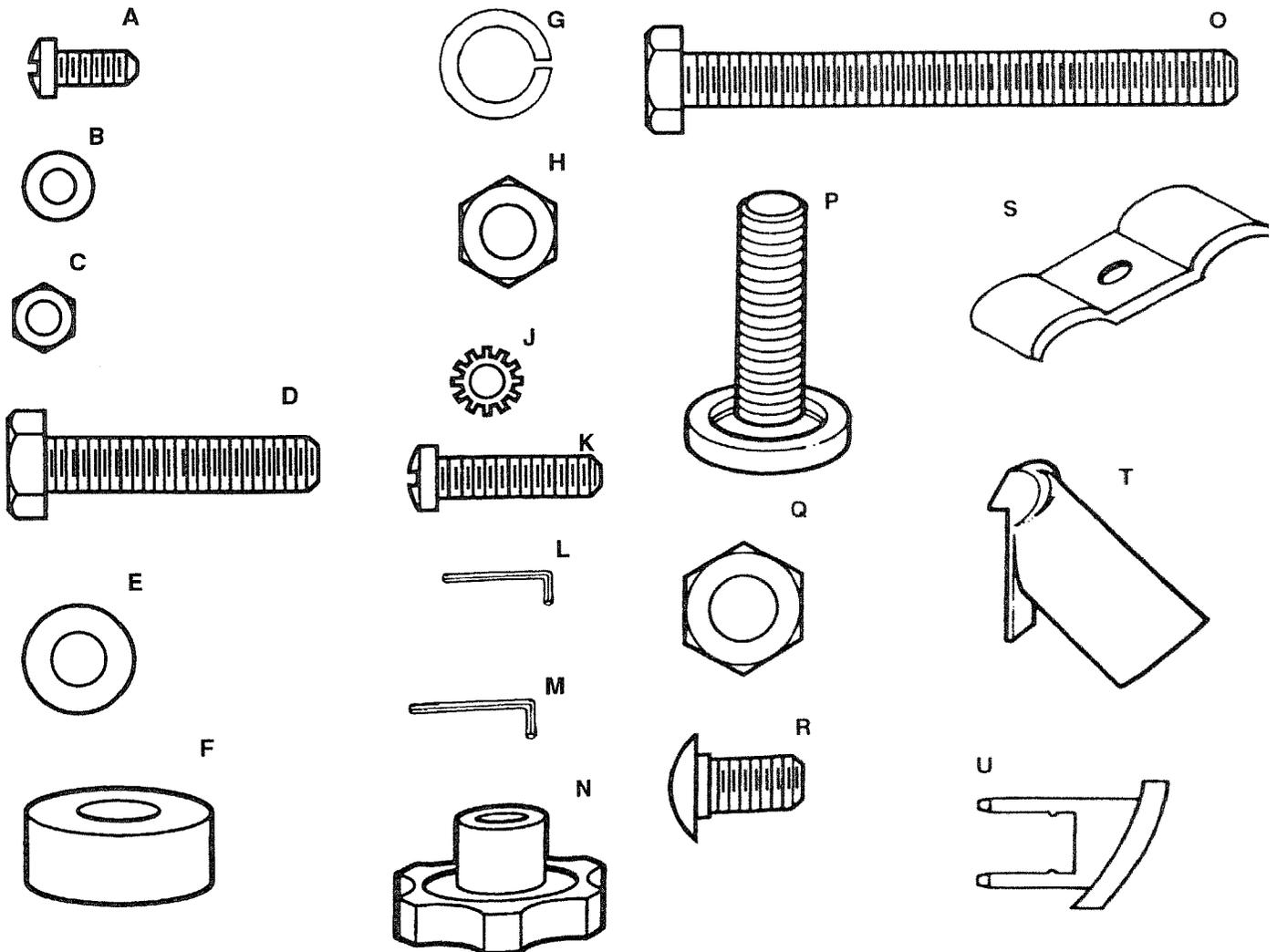
* Number varies: bags can contain other smaller bags.
NOTE: To make assembly easier keep contents of each bag together and separate from contents of other bags.

NOTE: To avoid damage to the band saw leave it laying on its side in the shipping box until you are ready to mount it to the leg set.



List of Loose Parts in Bag

| Item | Description | Qty |
|------|-----------------------------------|-----|
| A | Screw Pan Head M5 x 0.8-12..... | 5 |
| B | Washer Flat M5 x 10 Dia..... | 6 |
| C | Nut Hex Head M5..... | 3 |
| D | Bolt Hex Head M8 x 1.25-35..... | 10 |
| E | Washer Flat M8 x 18..... | 56 |
| F | Rubber Grommet..... | 4 |
| G | Washer Lock M8..... | 50 |
| H | Nut Hex Head M8..... | 49 |
| J | Washer Ext. M5..... | 2 |
| K | Screw Pan Head Lock M6 x 1-8..... | 2 |
| L | Wrench Hex "L" - 3mm..... | 1 |
| M | Wrench Hex "L" - 5mm..... | 1 |
| N | Knob Locking..... | 2 |
| O | Screw Hex Head M8 x 1.25-80..... | 1 |
| P | Foot Leveling..... | 4 |
| Q | Nut Hex 3/8-16..... | 8 |
| R | Bolt Carriage M8 x 1.25-16..... | 40 |
| S | Clamp Cord..... | 1 |
| T | Dust Chute..... | 1 |
| U | Switch Key..... | 1 |



Assembly

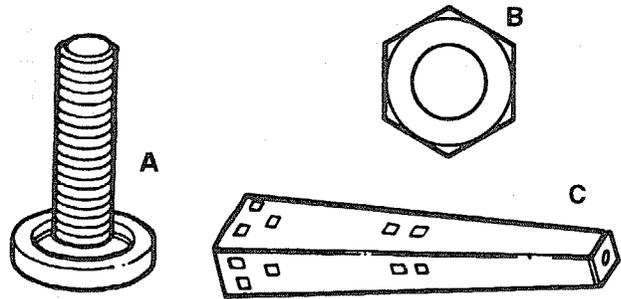
Attaching Leveling Feet

1. From the loose parts find the following items:

| Item | Description | Qty. |
|------|----------------------|------|
| A | Leveling feet..... | 4 |
| B | Hex nut 3/8-16 | 8 |

From the loose parts find the following items:

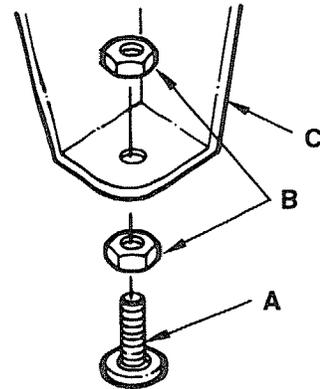
| | | |
|---|----------|---|
| C | Leg..... | 4 |
|---|----------|---|



2. Put a hex nut on each of the leveling feet and screw it down towards the rubber foot.

3. Put the leveling feet through the holes in the bottom of each leg.

4. Put another hex nut on each of the leveling feet and hand tighten until they are next to the bottom support of the leg.



WARNING: After the band saw has been attached to the legset, it will be necessary to adjust the leveling feet so the saw does not rock.

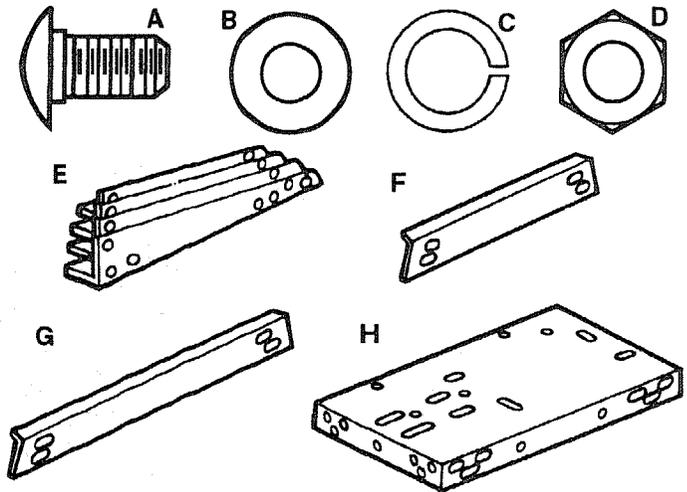
Assembling Leg Set

1. From the loose parts bag find the following hardware:

| Item | Description | Qty. |
|------|-----------------------------------|------|
| A | M8 x 1.25-16 carriage bolts | 40 |
| B | M8 washers | 40 |
| C | M8 lockwashers | 40 |
| D | M8 nuts | 40 |

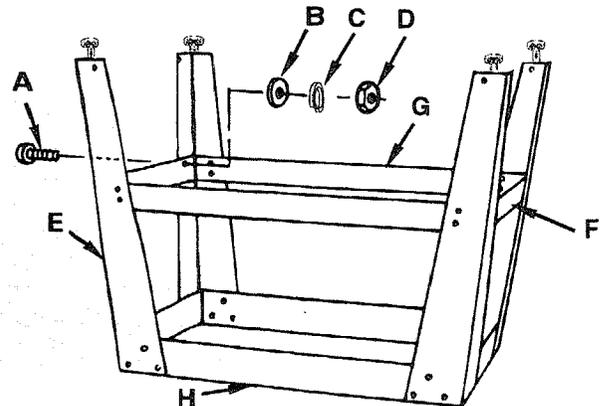
From the loose parts find the following items:

| | | |
|---|--|---|
| E | Legs (with attached leveling feet) | 4 |
| F | Stiffeners (short) | 2 |
| G | Stiffeners (long) | 2 |
| H | Stand top | 1 |



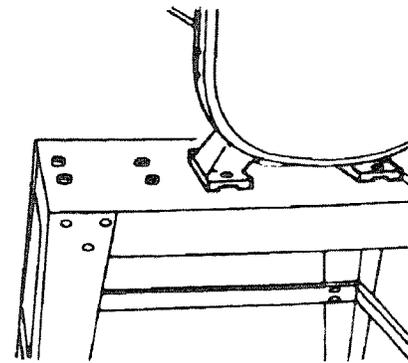
2. Place stand top upside down on a level surface. Fasten four legs to top using carriage bolts, washers, lock washers, and nuts, as shown. **Note:** Legs fasten to outside of top. Do not tighten at this time.

3. Fasten two long stiffeners and two short stiffeners to stand legs using carriage bolts, washers, lockwashers, and nuts, as shown. Finger tighten only at this time.



4. Turn assembly over onto the legs. Be sure all four feet sit flat on the ground. Adjustment of the feet will be completed after the band saw is attached to the stand.
5. Tighten all stand fasteners at this time.
6. With the aid of a second person, lift the saw body out of the shipping container and place onto the stand top. Be sure front of saw faces stand front by aligning holes.

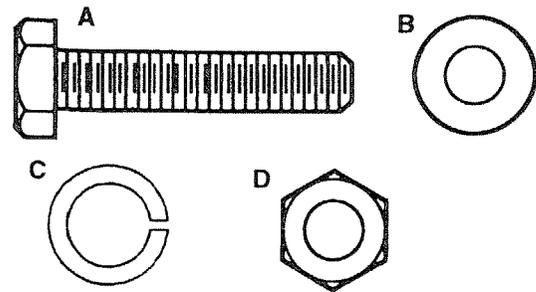
CAUTION: Saw body is heavy! Use care when lifting and stabilize until it is firmly attached to the stand!



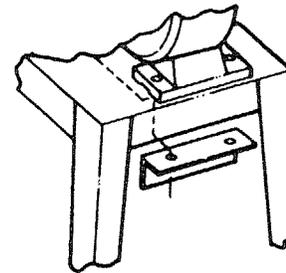
Attaching Band Saw to Leg Set

1. From the loose parts bag find the following hardware:

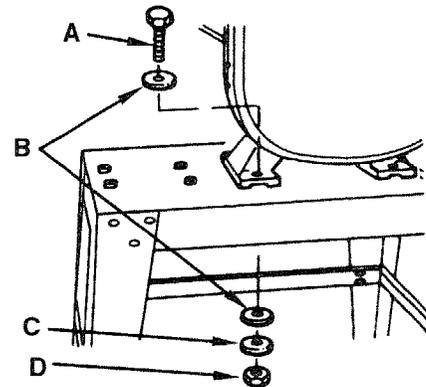
| Item | Description | Qty. |
|------|---|------|
| A | M8 x 35 hex head bolts (approx. 1-3/8") | 4 |
| B | M8 washers | 8 |
| C | M8 lockwashers | 4 |
| D | M8 nuts | 4 |



2. Line up holes in saw body with holes in stand.
3. Place support plate to the underside of stand as shown.



4. Fasten saw body, stand, and support plate together with four hex head bolts, eight flat washers, four lockwashers, and four hex nuts.

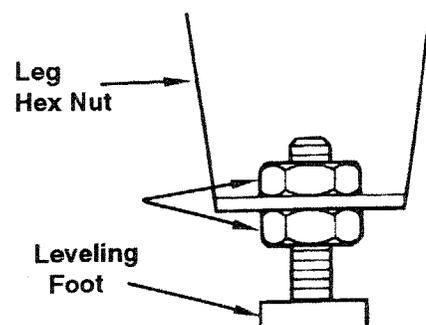


Adjusting Leveling Feet

WARNING: To avoid injury from unexpected saw or work movement, leveling feet must be adjusted so that saw does not rock.

To adjust leveling feet so the saw will sit properly:

1. Move saw to desired location.
2. Raise or lower leveling foot by turning the nuts clockwise or counterclockwise.
3. Tighten nuts to lock leveling foot in place.

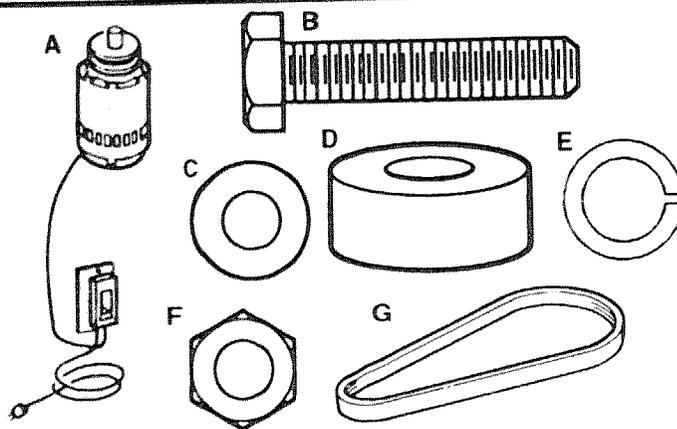


Assembly (continued)

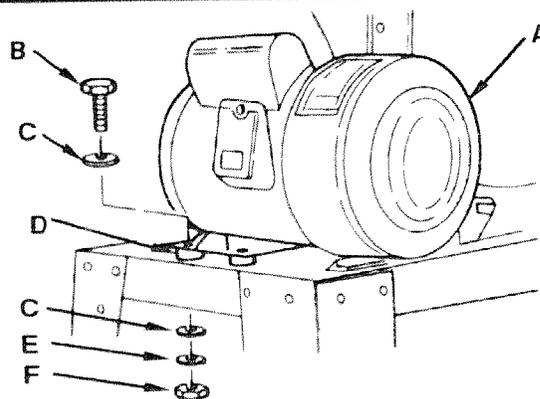
Mounting The Motor

1. From the loose parts find the following items:

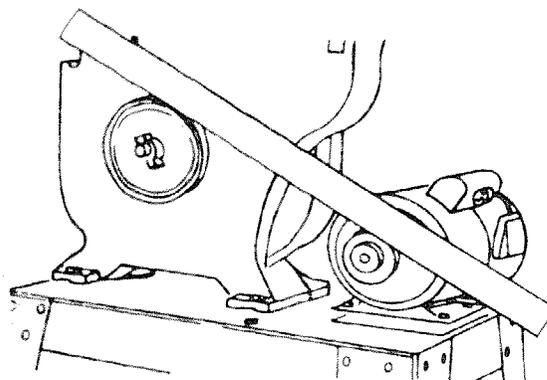
| Item | Description | Qty. |
|------|--|------|
| A | Motor | 1 |
| B | M8 x 35 hex cap bolts (approx. 1-3/8") | 4 |
| C | M8 Washers | 8 |
| D | Rubber grommets | 4 |
| E | M8 lockwashers | 4 |
| F | M8 nuts | 4 |
| G | V-Belt | 1 |



2. To mount motor, place four rubber grommets over holes in stand top. **NOTE:** Use of rubber grommets is essential for eliminating excessive vibration. Place motor over rubber grommets and fasten to stand top with four hex head bolts, eight washers, four lockwashers, and four hex nuts, as shown. Do not tighten at this time.

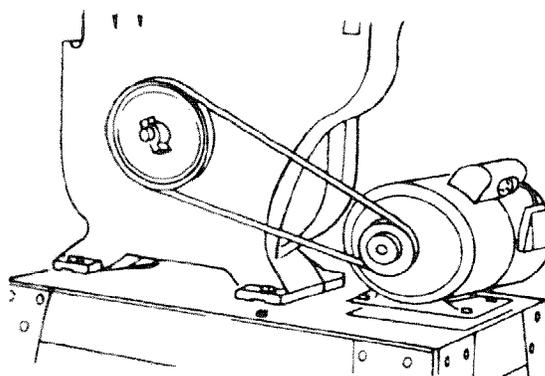
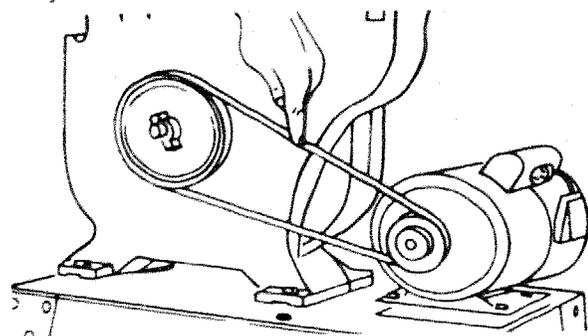


3. Align the inside edge of the motor pulley with inside edge of the large pulley using a straight edge. Using a 3mm hex "L" wrench, adjust one or both pulleys by loosening the set screw and moving the pulley(s) until they line up with each other. Tighten set screws.



4. Place V-belt over both pulleys.

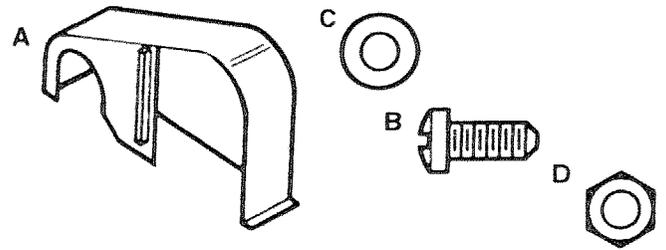
5. Tension V-belt by moving motor away from the saw body and tighten the motor mount nuts. (Do not over-tighten motor mount bolts. Tighten just enough to tension belt.) Belt is properly tensioned when finger pressure between the two pulleys causes approximately 1/2" deflection.



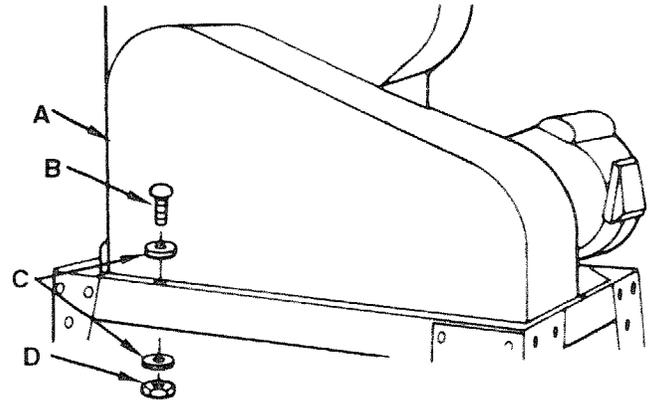
Mounting the Belt Guard

1. From the loose parts find the following items.

| Item | Description | Qty. |
|------|--|------|
| A | Belt guard..... | 1 |
| B | Screw pan head M5 x 0.8-12 (approx. 1/2")..... | 3 |
| C | M5 washers..... | 6 |
| D | M5 nuts..... | 3 |



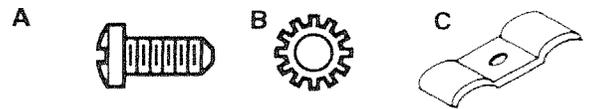
2. Place belt guard over both pulleys and fasten to stand using three pan head screws, six washers, and three hex nuts, as shown.



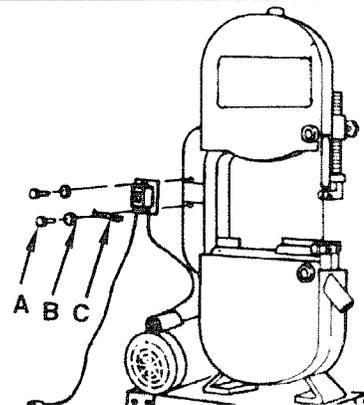
Mounting the Switch Box

1. From the loose parts find the following hardware:

| Item | Description | Qty. |
|------|--|------|
| A | Screw pan head M5 x 0.8-12 (approx. 1/2")..... | 2 |
| B | Lockwasher Ext. M5..... | 2 |
| C | Clamp Cord..... | 1 |



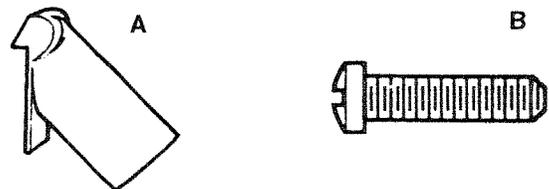
2. Mount switch box assembly to frame as shown using hardware listed.
3. Make sure motor & power cord are captured under cord clamp.



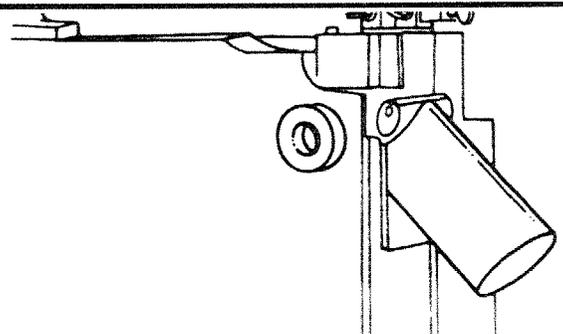
Mounting the Dust Chute

1. From the loose parts find the following items:

| Item | Description | Qty. |
|------|-----------------------------------|------|
| A | Dust Chute..... | 1 |
| B | Screw pan head lock M6 x 1-8..... | 2 |



2. Open lower blade guard cover and install dust chute. Use fasteners supplied. Close lower blade guard cover.

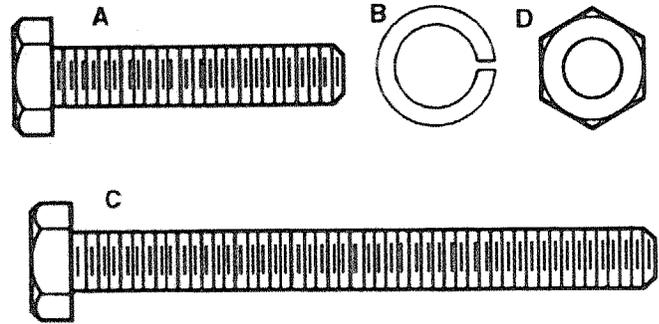


Assembly (continued)

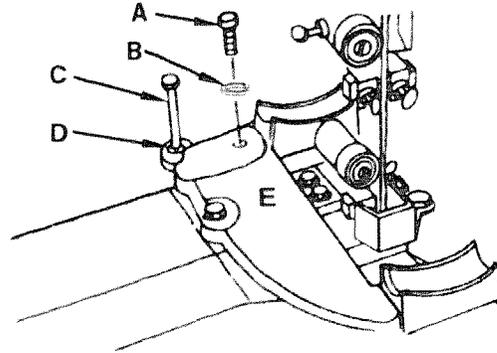
Mounting the Table Trunnion Support

1. From the loose parts find the following items:

| Item | Description | Qty. |
|------|---|------|
| A | M8 x 35 hex head bolts (approx. 1-3/8") | 2 |
| B | M8 lockwashers | 2 |
| C | M8 x 80 hex cap bolt (table stop bolt approx. 3-1/8" long) | 1 |
| D | M8 nut (for table stop bolt) | 1 |
| E | Table trunnion support (shown below) | 1 |



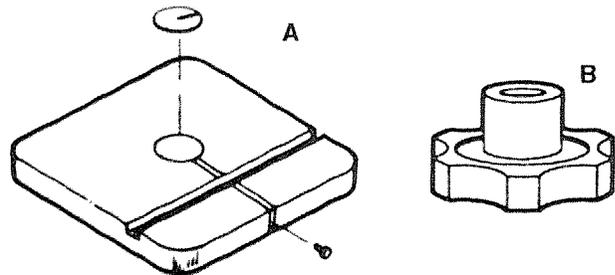
2. Attach trunnion support to saw body with two hex head bolts and two lockwashers as shown.
3. Thread nut (C) onto table stop bolt (D) and attach to trunnion support.



Mounting the Table

1. From the loose parts find the following items:

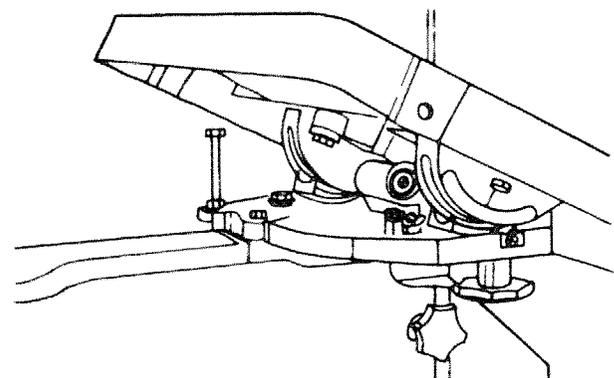
| Item | Description | Qty. |
|------|-------------|------|
| A | Table | 1 |
| B | Knobs | 2 |



2. To mount table, remove table insert and table pin from the table. Guide sawblade through slot in table and place table screws into trunnions. Attach and lock with lock knobs.

WARNING: Unit is shipped with blade in stalled. Do not plug in or operate unit unless the blade is adjusted and aligned per section titled changing blades.

3. Replace table insert and table pin.
4. Transportation and handling may have caused some fasteners to loosen. Before operating, check all screws, bolts and nuts to make sure they are snug. Operate machine only after reading the entire manual including blade tracking, blade guide adjustments, and safety rules.



Getting to Know Your Band Saw

1. **Warning Label**
2. **Blade Tension Knob** - Clockwise rotation of the knob will increase the tension on the blade. Counterclockwise rotation of the knob will decrease the tension on the blade.
3. **Blade Tracking, Adjustment Knob** - Turn knob to adjust blade tracking.
4. **Blade Guides** - The guides are adjustable to provide full support of the blade.
5. **Back-up Bearings** - These thrust bearings support the back of the blade and are adjustable for the various blade widths.
6. **Blade Guard Support Adjustment Knobs** - Loosen this knob to vertically adjust the blade guard support so that it just clears the workpiece to be cut. Always adjust the guard/support before turning on the band saw. Tighten the knob to lock the guard/support in the proper location.
7. **Tilting Table** - Table tilts for angular cuts. Use the table tilt scale under table to measure angular settings.
8. **Table Tilt Lock Knobs** - Loosen knobs to move tilt table to required angle. Retighten knobs to secure table.
9. **Tilt Table Stops** - Adjust stops for convenient 0° and 45° index points.

10. On-Off Switch

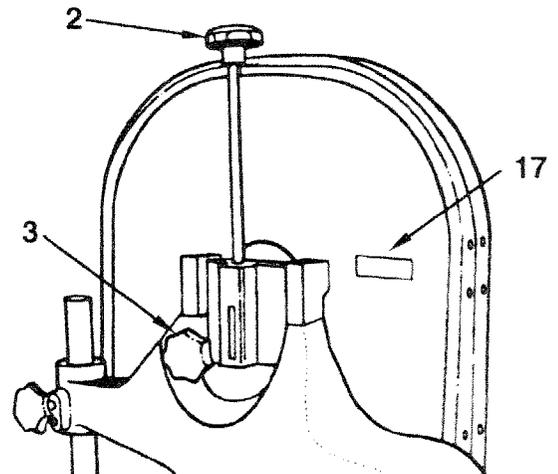
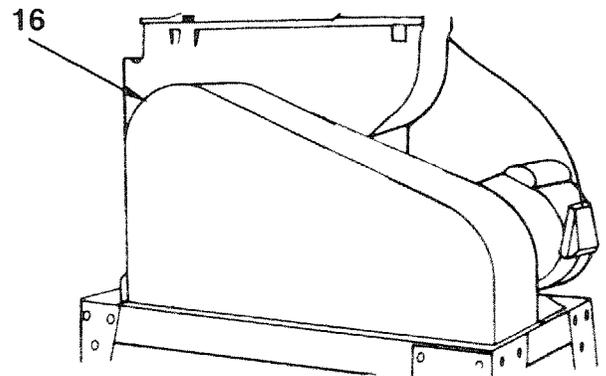
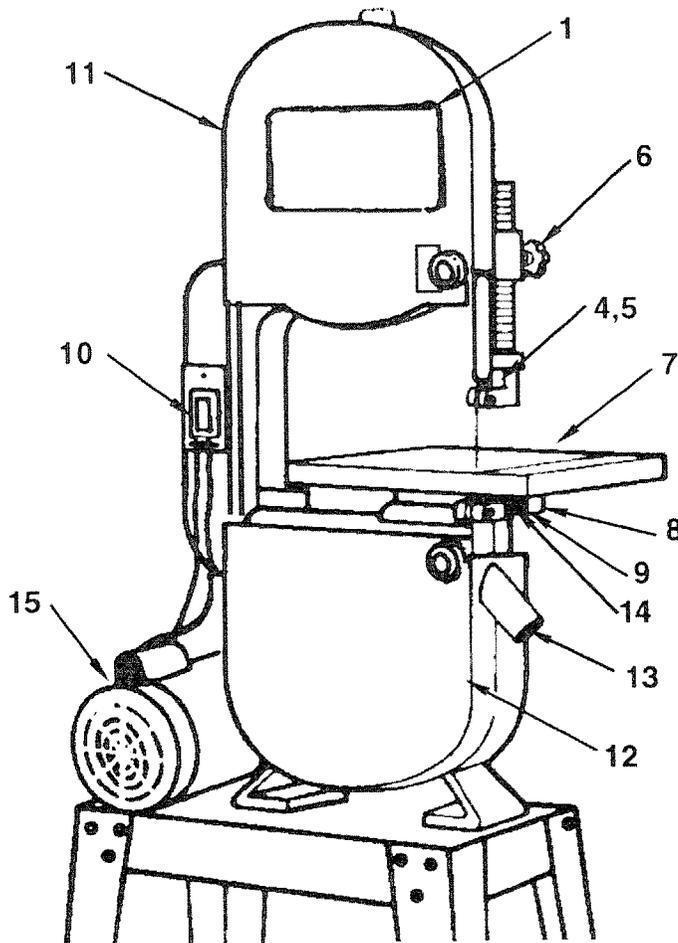
CAUTION: Before turning switch "ON", make sure the blade guards are correctly installed and operating properly.

The On-Off Switch has a locking feature. This feature is intended to help prevent unauthorized and possible hazardous use by children and others.

11. **Upper Cover** - Pull knob to expose upper wheel during blade changes.
12. **Lower Cover** - Pull knob to gain access to lower wheel, remove the blade or to clean out sawdust build-up.
13. **Sawdust Ejection Port** - Your band saw is equipped with a vacuum hookup. This feature will allow you to attach any standard 2-1/2 inch diameter wet/dry vacuum hose into the hole provided for convenient sawdust removal.

WARNING: Sawdust can clog motor. Motor could ignite sawdust. Even if saw is connected to vacuum, blow out sawdust regularly from motor.

14. **Lower blade guard.** Safeguards user from accidental blade contact.
15. **Motor.**
16. **Motor belt guard.**
17. **Model nameplate.**



Alignments and Adjustments

Tilting the Table

WARNING: Unplug the machine from the power source before making any repair or adjustment. Failure to comply may cause serious injury.

1. Loosen two lock knobs.
2. Tilt table up to 45 degrees to the right or up to 10° to the left.
3. Tighten two lock knobs.

NOTE: 90° table stop must be removed to tilt table 10° to the left.

Adjusting 90° Table Stop

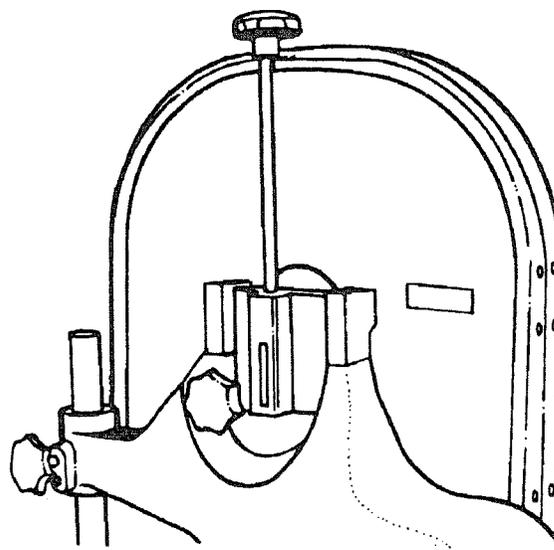
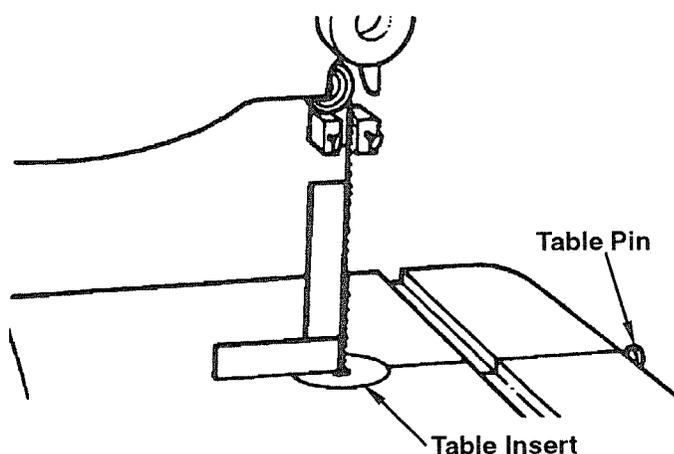
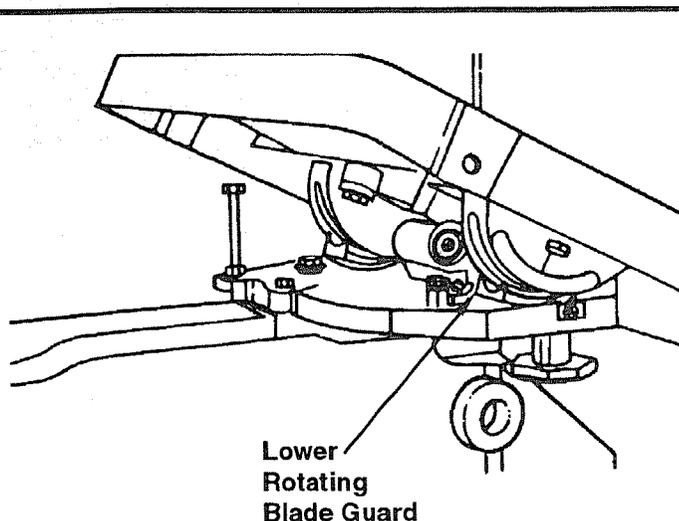
1. Disconnect machine from the power source.
2. Loosen lock knobs and tilt table left until it rests against table stop.
3. Use a square placed on the table and against the blade, to see if the table is 90 degrees to the blade.
4. If an adjustment is necessary, loosen lock knobs. Tilt table to the right, and lock in place.
5. Loosen jam nut and turn table top left or right to raise or lower the stop. Tighten jam nut to hold table stop in place.
6. Unlock table, tilt back onto table rest and confirm table is 90 degrees with the blade.
7. If necessary, adjust pointer to zero.

NOTE: 90° table stop must be removed to tilt table 10° to the left.

Changing Blades

CAUTION: Blade teeth are sharp. Use care when handling the sawblade.

1. Disconnect the machine from the power source.
2. Loosen blade tension by turning blade tension knob counter-clockwise until it stops.
3. Remove the table insert and the table pin.
4. Open upper and lower cover. Remove screws and washers from guard blade rear. Then remove guard.
5. Insert screwdriver through table insert hole to loosen pivot screw one turn for guard under the table. Rotate guard out of the way.
6. Remove the blade from between upper and lower blade guides. Remove blade from upper and lower wheels. Turn blade so it will fit through slot in table. Remove blade.
7. Guide new blade through table slot. Place blade in upper and lower blade guides. **NOTE:** Make sure blade teeth point down toward table.
8. Place blade in the middle of the upper and lower wheel.
9. Replace guard blade rear and tighten screws.
10. Rotate guard under table to a closed position and tighten screw.
11. Replace table insert and table pin.
12. Tension and track blade before operating saw. Find instructions for tensioning and tracking the blade under "Adjusting Blade Tension" and "Adjusting Blade Tracking".



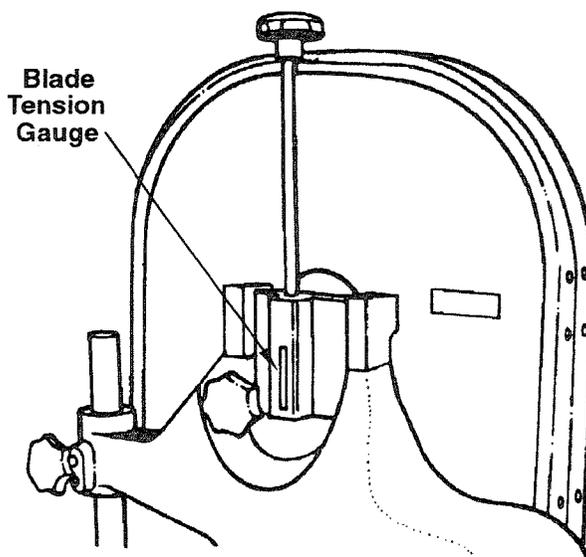
Adjusting Blade Tension

1. Disconnect machine from the power source.
2. Turn blade tension knob clockwise to tension blade. A gauge on the upper wheel slide bracket indicates the approximate tension according to the width of the blade. Initially, set the blade tension gauge to correspond with the blade width.
3. As you become familiar with the saw, you may find it necessary to change the blade tension from the initial setting. Changes in blade width and the type of material being cut will have an effect on blade tension.
4. Keep in mind that too little or too much blade tension can cause blade breakage.

Adjusting Blade Tracking

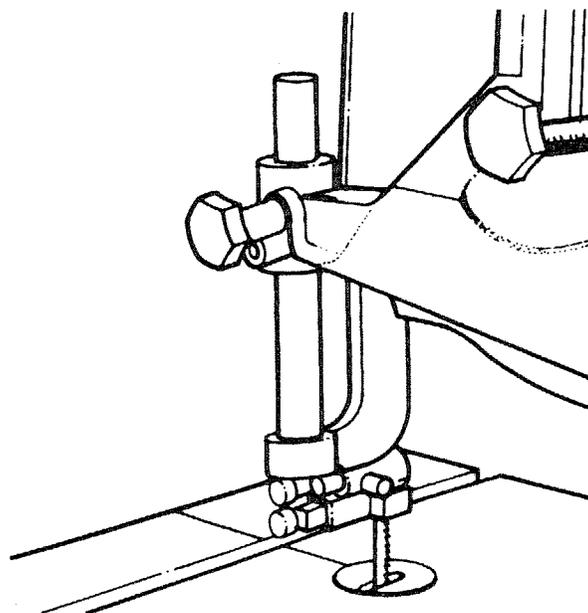
WARNING: Disconnect machine from the power source. Never adjust blade tracking with the machine running.

1. Blade must be properly tensioned before adjusting blade tracking. Make sure blade guides and blade bearings do not interfere with the blade.
2. Open upper cover. Rotate the wheel forward by hand and observe the position of the blade on the wheel. It should be in the center.
3. If adjustment is necessary, loosen wing nut, tighten knob slightly to move blade toward rear of machine. Slightly loosening the knob will cause the blade to track toward the front of the machine.
4. Tighten nut after blade is tracking in the center of the wheel.



Adjusting Upper Blade Guide Assembly

1. Disconnect machine from the power source.
2. Loosen lock knob and raise or lower upper blade guide assembly to just above the material being cut.
3. Tighten lock knob. Make sure blade guide blocks are still flat to the blade. If adjustment is necessary, loosen lock knob and rotate assembly until guide blocks are flat to the blade.
4. The upper blade guide is spring loaded. To adjust the tension on the spring, remove knob, tighten or loosen set screw until desired tension is reached, and replace knob.

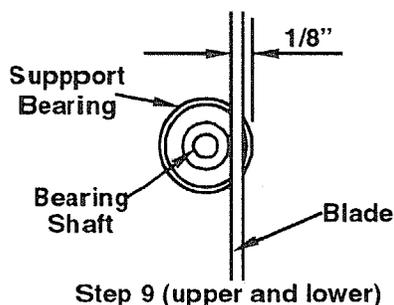
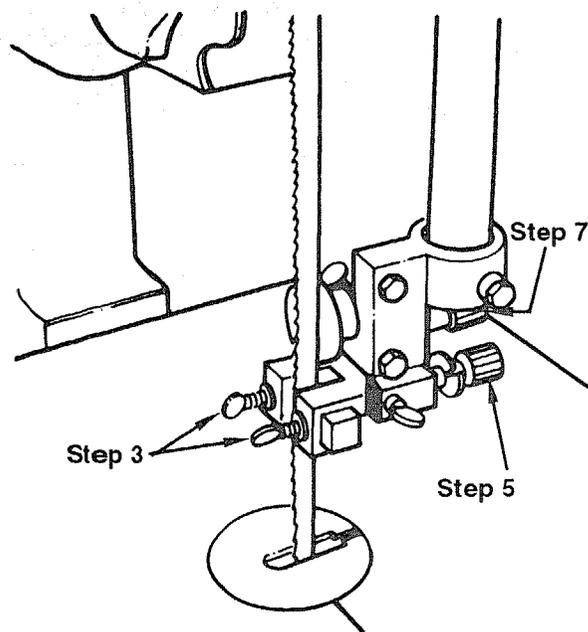


Alignments and Adjustments (continued)

Adjusting Upper Blade Guides and Blade Support Bearing

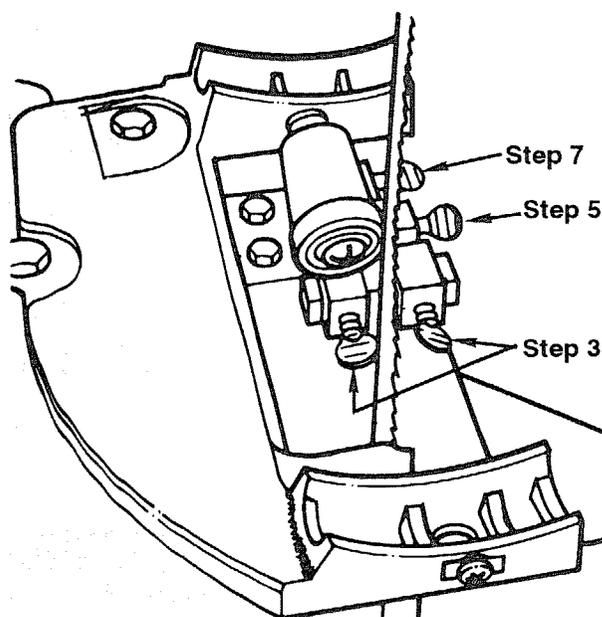
WARNING: Blade guard has been removed for picture clarity. Never operate the band saw without all guards in place and in working order. Failure to comply may cause serious injury.

1. Disconnect machine from the power source.
2. Blade must already be tensioned and tracking properly.
3. Loosen thumb screws and move guide blocks as close to the blade as possible without pinching it. The thickness of a dollar bill on each side of blade is a good rule of thumb.
4. Tighten thumb screws.
5. Loosen thumb screw and turn knurled knob to move the guide block bracket in or out until the front edge of the guide blocks are just behind the "gullets" of the saw teeth.
6. Tighten thumb screw.
7. Loosen thumb screw and turn knurled knob to move the support bearing in or out until the bearing is $1/64$ " behind the blade.
8. Tighten thumb screw.
9. Blade support bearing should be adjusted so that the back edge of the blade overlaps the front face of the ball bearing approximately $1/8$ ". To change position of the bearing, remove screw bearing, and back off knurled knob completely to remove the bearing shaft. Notice the bearing holder on the shaft is eccentric. Re-install the bearing shaft, the bearing, and the screw. Examine the overlap between the bearing face and the blade. Change the position of the bearing shaft until the overlap is approximately $1/8$ "



Adjusting Lower Blade Guides and Blade Support Bearing

1. Disconnect machine from the power source.
2. Blade must already be tensioned and tracking properly.
3. Loosen thumb screws and move guide blocks as close to blade as possible without pinching it. The thickness of a dollar bill on each side of blade is a good rule of thumb.
4. Tighten thumb screw.
5. Loosen thumb screw and move the guide block support in or out until the front edge of the guide blocks are just behind the "gullets" of the saw teeth.
6. Tighten thumb screw.
7. Loosen thumb screw and move the support bearing in or out until it is $1/64$ " behind the sawblade
8. Tighten thumb screw.
9. The blade support bearing should be adjusted so that the back edge of the blade overlaps the front face of the ball bearing approximately $1/8$ ". To change position of the bearing, remove screw and bearing. Loosen thumb screw and remove the bearing shaft. Notice the bearing holder on the shaft is eccentric. Re-install the bearing shaft, the bearing, and the screw. Examine the overlap between the bearing face and the blade. Change the position of the bearing shaft until the overlap is approximately $1/8$ ".



Safety Instructions for Basic Band Saw Operation

Before Using The Saw:

WARNING: to avoid mistakes that could cause serious, permanent injury, do not plug the saw in until the following steps have been completed.

- Completely assemble and align saw (see "Assembly" and "Alignment" section within).
- Learn the use and function of the ON-OFF switch, bevel handwheel, bevel lock knob, blade guides, backup bearings, guide bar lock knob and blade guard.
- Review and understand all safety instructions and operating procedures in this manual.
- Review the maintenance methods for this saw.
- Find and read all the warning labels found on the front of the saw (shown below).

When Installing Or Moving The Saw:

Avoid dangerous environment.

- Use the saw in a dry, indoor place protected from rain.
- Keep work area well lighted.

To avoid injury from unexpected saw movement.

- Put the saw on a firm level surface where there is plenty of room to handle and properly support the workpiece.
- Support the saw so the table is level and the saw does not rock.
- Bolt the saw to the floor or work surface if it tends to slip, walk or slide during operations like cutting long, heavy boards.
- Turn saw off and unplug cord before moving the saw.

To avoid injury from electrical shock.

- Make sure your fingers do not touch the plug's metal prongs when plugging in or unplugging the saw.

To avoid back injury.

- Get help or use recommended casters when you need to move the saw. Always get help if you need to lift the saw.
- **Never stand on tool.** Serious injury could occur if the tool tips or you accidentally hit the cutting tool. Do not store any items above or near the tool where anyone might stand on the tool to reach them.

Before Each Use:

Inspect your saw.

- To avoid injury from accidental starting, turn the switch off, unplug the saw, and remove the switch key before changing the setup, removing covers, guards or blade.
- Check for alignment of moving parts, binding of moving parts, breakage of parts, saw stability, and any other conditions that may affect the way the saw works.
- If any part is missing, bent or broken in any way, or any electrical part does not work properly, turn the saw off and unplug the saw.

- Replace damaged or missing parts before using the saw again.
- Maintain tools with care. Keep the saw clean for best and safest performance. Follow instructions for lubricating.
- Remove adjusting keys and wrenches. Form a habit of checking for and removing keys and adjusting wrenches from table top before turning it on.

To avoid injury from jams, slips or thrown pieces or broken blades.

Inspect your blade.

- Choose the right blade size, style and cutting speed for the material and the type of cutting you plan to do.
- Use only recommended accessories. Consult this owners manual for recommended accessories. Follow the instructions that come with the accessories. The use of improper accessories may cause risk of injury to persons.
- Make sure the blade teeth point downward, toward the table.
- Make sure the blade guides and thrust bearings are properly adjusted.
- Make sure the blade tension is properly adjusted.
- Make sure the bevel clamp is tight and no parts have excessive play.
- To avoid accidental blade contact, minimize blade breakage and provide maximum blade support, always adjust the upper blade guide and blade guard to just clear the workpiece.

Inspect your work area.

- Keep work area clean.
- Cluttered areas and benches invite accidents. Floor must not be slippery from wax or sawdust.
- To avoid burns or other fire damage, never use the saw near flammable liquids, vapors or gases.

Plan your work.

- Use the right tool. Don't force tool or attachment to do a job it was not designed to do.
- Use this band saw to cut only wood, wood like products and plastics.

CAUTION: To avoid blade breakage, fire or other damage to the saw, NEVER use this band saw to cut metals.

- Know your saw. Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.
- To avoid injury from accidental contact with moving parts, don't do layout, assembly, or set up work on the saw while any parts are moving.
- Avoid accidental starting. Make sure switch is "OFF" before plugging saw into a power outlet.

Safety Instructions for Basic Band Saw Operation (continued)

Plan ahead to protect your eyes, hands, face and ears.



Dress for safety

Any power saw can throw foreign objects into the eyes. This can cause permanent eye damage. Wear safety goggles (not glasses) that comply with ANSI Z87.1 (shown on package). Everyday eyeglasses have only impact resistance lenses. They are not safety glasses. Safety goggles are available at Sears retail catalog stores. Glasses or goggles not in compliance with ANSI Z87.1 could seriously hurt you when they break.

- Do not wear loose clothing, gloves, neckties or jewelry (rings, wrist watches). They can get caught and draw you into moving parts.
- Wear nonslip footwear.
- Tie back long hair.
- Roll long sleeves above the elbow.
- Noise levels vary widely. To avoid possible hearing damage, wear ear plugs or muffs when using saw for hours at a time.
- For dusty operations, wear a dust mask along with the safety goggles.

Inspect your workpiece.

Make sure there are no nails or foreign objects in the part of the workpiece to be cut.

Use extra caution with large, very small or awkward workpieces:

- Use extra supports (tables, saw horses, blocks, etc.) for any workpieces large enough to tip when not held down to the table top.
- NEVER use another person as a substitute for a table extension, or as additional support for a workpiece that is longer or wider than the basic saw table, or to help feed, support or pull the workpiece.
- When cutting irregularly shaped workpieces, plan your work so it will not slip and pinch the blade. A piece of molding for example, must lie flat or be held by a fixture of jig that will not let it twist, rock or slip while being cut.
- Properly support round material such as dowel rods, or tubing. They have a tendency to roll during a cut, causing the blade to "bite". To avoid this, always use a "V" block or clamp the work to the miter gage.
- Cut only one workpiece at a time.
- Clear everything except the workpiece and related support devices off the table before turning the saw on.

Plan the way you will hold the workpiece from start to finish.

- Do not hand hold pieces so small that your fingers will go under the blade guard. Use jigs or fixtures to hold the work and keep your hands away from the blade.
- Secure work. Use clamps to hold work when practical. It's often safer than using your hand, and frees both hands to operate the tool.
- Don't overreach. Keep good footing and balance.

Whenever Sawblade Is Spinning:

WARNING: Don't allow familiarity (gained from frequent use of your band saw) cause a careless mistake. Always remember that a careless fraction of a second is enough to cause a severe injury.

- Before starting your cut, watch the saw while it runs. If it makes an unfamiliar noise or vibrates a lot, stop immediately. Turn the saw off. Unplug the saw. Do not restart until finding and correcting the problem.

Keep Children Away.

- Keep all visitors a safe distance from the table saw.
- Make sure bystanders are clear of the table saw and workpiece.

Don't Force Tool.

- Let the blade reach full speed before cutting.
- It will do the job better and safer at its designed rate.
- Feed the workpiece into the saw only fast enough to let the blade cut without bogging down or binding.

Before freeing jammed material.

- Turn switch "OFF".
- Unplug the saw.
- Wait for all moving parts to stop.
- Remove switch key.

When backing up the workpiece, the blade may bind in the kerf (cut). This is usually caused by sawdust clogging up the kerf or because the blade comes out of the guides. If this happens:

- Turn saw "OFF".
- Wait for all moving parts to stop.
- Remove switch key.
- Unplug the saw.
- Remove band saw cover.
- Stick flat blade screwdriver or wedge into the kerf.
- Turn the upper wheel by hand while backing up the workpiece.

Before removing loose pieces from the table, turn saw off and wait for all moving parts to stop.

Before Leaving The Saw.

- Turn the saw off.
- Wait for all moving parts to stop.
- Unplug the saw.

- Make workshop child-proof.

- Lock the shop.
- Disconnect master switches.
- Remove the yellow switch key. Store it away from children and others not qualified to use the tool.

Basic Saw Operations

General Cutting

CAUTION: For your safety, comply with all the safety instructions on pages 2-5 before using the band saw.

A band saw is basically a "curve cutting" machine. It is not capable of doing inside cutting.

It is also used for straight-line cutting operations such as crosscutting, ripping, mitering, beveling, compound cutting and resawing.

Operation

Recommended Blade Size (Inches)

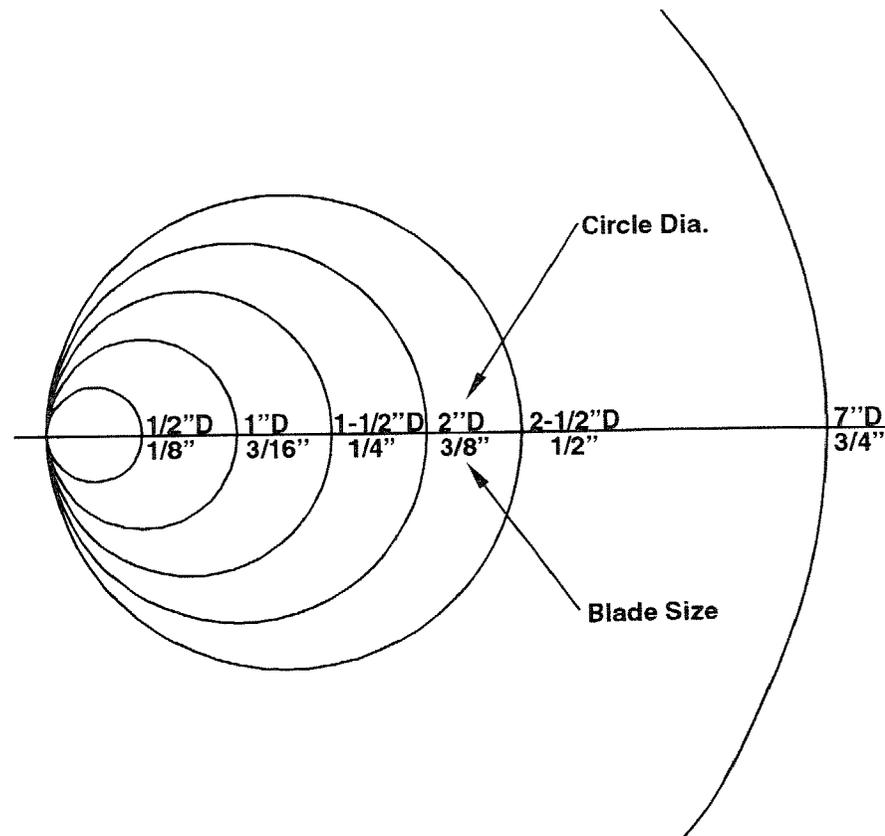
| | |
|------------------|--------------------|
| Cross Cutting | 1/4, 3/8, 1/2, 3/4 |
| Ripping | 3/4 |
| Mitering | 1/4, 3/8, 1/2, 3/4 |
| Beveling | 1/4, 3/8, 1/2, 3/4 |
| Compound Cutting | 1/4, 3/8, 1/2, 3/4 |
| Circle Cutting | See Chart Below |
| Resawing | 3/4 |
| Curve Cutting | 1/8, 1/4 |

Circle Cutting

1. Adjust the upper guides to vertically just clear the workpiece.
2. Use both hands while feeding the work into the blade. Hold the workpiece firmly against the table. Use gentle pressure, and do not force the work, but allow the blade to cut.

3. The smallest diameter that can be cut out is determined by the width of the blade. For example, a 1/4-inch wide blade will cut a minimum diameter of approximately 1-1/2-inch (see chart).

Blade Selection Guide for Minimum Circle Cutting



Maintenance

WARNING: For your own safety, turn switch "Off" and remove plug from power source outlet before maintaining or lubricating your band saw.

Tires

Pitch and sawdust that build up on the tires should be removed with a stiff brush or scrape off with a piece of wood.

NOTE: To avoid damaging the tires do not use a sharp knife or any kind of solvent.

When the tires become worn they should be replaced. When replacing the tires, stretch them around the wheels but do not glue them on.

Adjusting the upper blade guide travel

If the upper guide bar will not move up and down easily or falls when the lock knob is loosened, the following adjustment should be performed.

1. Remove the guide bar lock knob.
2. Using a 5mm hex "L" wrench, tighten or loosen the screw which is located below the lock knob.
3. Move the guide bar up and down to check for smooth movement while still holding its position when released.
4. Make further adjustments to the screw as required to get the guide bar to move smoothly and hold its position when released.
5. Reinstall guide bar lock knob.

General Maintenance

Keep your band saw clean. Remove the sawdust from the inside. Vacuum or blow out frequently.

Do not allow filth to build up on the table guides or the back-up bearings. Clean them with Craftsman Gum and Pitch Remover.

NOTE: Do not immerse the back-up bearings in the gum and pitch remover.

Put a thin coat of paste wax on the table so that the wood slides easily while cutting.

Motor

Frequently blow or vacuum out any sawdust from the motor. Follow lubrication instruction on the motor label.

CAUTION: To avoid eye injury from blowing debris, wear safety goggles when blowing out sawdust.

WARNING: To avoid electrocution or fire, immediately replace a worn, cut or damaged power cord.

Lubrication

All of the ball bearings are packed with grease at the factory. They require no further lubrication.

Sears Recommends the Following Accessories

| | |
|--------------------------------------|-------------|
| Cool Blocks..... | See Catalog |
| Miter Gauge..... | 9-29929 |
| Hold-Down Clamp for Miter Gauge..... | 9-29928 |
| Stop-Rods for Miter Gauge..... | 9-29924 |
| Blades..... | See Catalog |

Sears may recommend other accessories not listed in the manual. See your nearest Sears store for other accessories.

Do not use any accessory unless you have received and read complete instructions for its use.

Troubleshooting-General

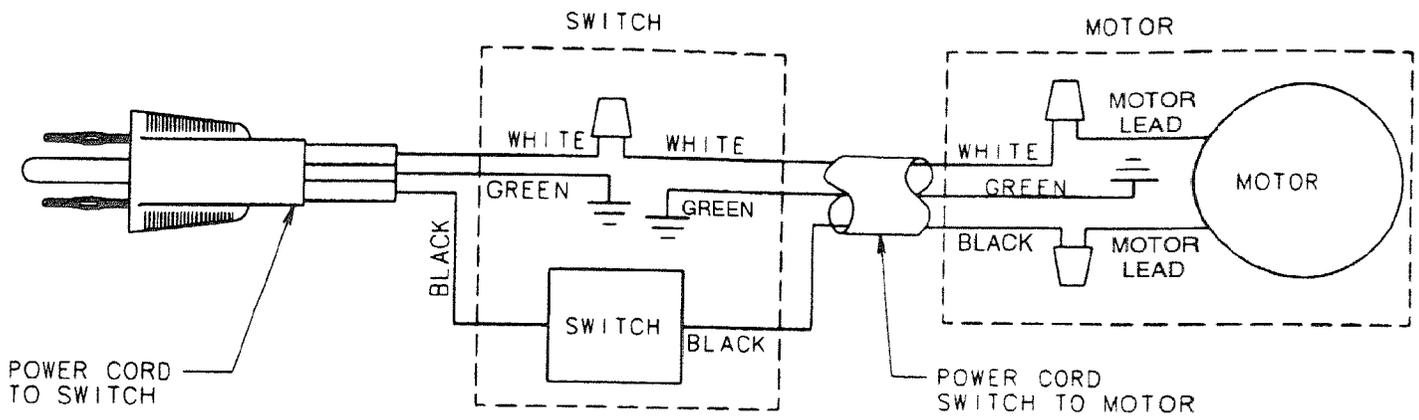
WARNING: For your own safety, turn switch "Off" and remove plug from power source outlet before troubleshooting your band saw/sander.

| Trouble | Probable Cause | Remedy |
|--|--|--|
| Blade does not run in the approximate center of the upper wheel. | 1. Not tracking properly. | 1. Adjust tracking, see Assembly Section, "Installing the Blade". |
| Band Saw slows down when cutting | 1. Belt too loose. 2. Cutting too small a radius. 3. Dull blade. 4. Overloading motor. | 1. Adjust belt tension, see "Assembly" section, "Installing and Aligning the Belt". 2. Stop feeding, and back up the material slightly, until the band saw speeds up. 3. Replace blade. 4. Slow down, trying to cut too fast. |
| Blades braking | 1. Too much tension on blade. 2. Kink in blade caused cutting too small a radius or turning the material too fast when cutting. | 1. Adjust tension. See "Getting to Know Your Band Saw". 2. Use correct cutting technique. See "Basic Band Saw Operation" section. |
| Blade dulls too quickly. | 1. Blade guides set too close to teeth. 2. Cutting incorrect material | 1. Adjust upper and lower blades guides. See "Assembly" section "Installing the blade". |
| Band saw vibrates. | 1. Too much tension on motor belt | 1. Adjust according to "Installing and Aligning Poly "V" Belt" section. |

Troubleshooting-Motor

NOTE: Motors used on wood-working tools are particularly susceptible to the accumulation of sawdust and wood chips and should be blown out or "vacuumed" frequently to prevent interference with normal motor ventilation and proper operation of the centrifugally-operated starting switch.

| Trouble | Probable Cause | Remedy |
|---|--|---|
| Excessive noise | 1. Motor | 1. Have motor checked by qualified service technician. Repair service is available at your nearest Sears store. |
| Motor fails to develop full power. Note Low Voltage: Power output of motor decreases rapidly with decrease in voltage at motor terminals. For example, a reduction of 10% in voltage causes a reduction of 19% in maximum power output of which the motor is capable, and a reduction of 20% in voltage causes a reduction of 36% in maximum power output | 1. Circuit overloaded with light, appliances and other motors. 2. Undersize wires or circuit too long. 3. General overloading of power company facilities. | 1. Do not use other appliances or motors on same circuit when using the saw. 2. Increase wire sizes, or reduce length of wiring. See "Motor specifications and Electrical Requirements" section. 3. Request a voltage check from the power company. |
| Motor starts slowly or fails to come up to full speed. | 1. Low voltage. 2. Windings burned out or open. 3. Starting switch not operating. | 1. Request voltage check from the power company. Check size of circuit wiring. 2. Have motor repair or replaced. 3. Blow out sawdust from motor. Have motor repaired. |
| Motor overheats | 1. Motor overloaded. 2. Improper cooling (air circulation restricted through motor due to sawdust accumulation). | 1. Feed work slower into blade. 2. Clean out sawdust to provide normal air circulation through motor. See "Maintenance and Lubrication" section. |
| Starting switch in motor will not operate. | 1. Burned switch contacts (due to extended hold-in periods caused by low line voltage, etc.) 2. Shorted capacitor. 3. Loose or broken connections. | 1. Have switch replaced and request a voltage check from the power company. 2. Have capacitor tested and replace if defective. 3. Have wiring checked and repaired. |
| Motor stalls (resulting in blown fuses or tripped circuit breakers). | 1. Starting switch not operating. 2. Voltage too low to permit motor to reach operating speed. 3. Fuses or circuit breakers do not have sufficient capacity. | 1. Have switch replaced. 2. Request voltage check from the power company. 3. Install proper size fuses or circuit breakers. |
| Frequent opening of fuses or circuit breakers. | 1. Motor overloaded. 2. Fuses or circuit breakers do not have sufficient capacity. 3. Starting switch not operating (motor does not reach speed). | 1. Feed work slower into blade. 2. Install proper size fuses or circuit breakers. Check that wiring will handle load. 3. Have switch replaced. Blow out sawdust. |

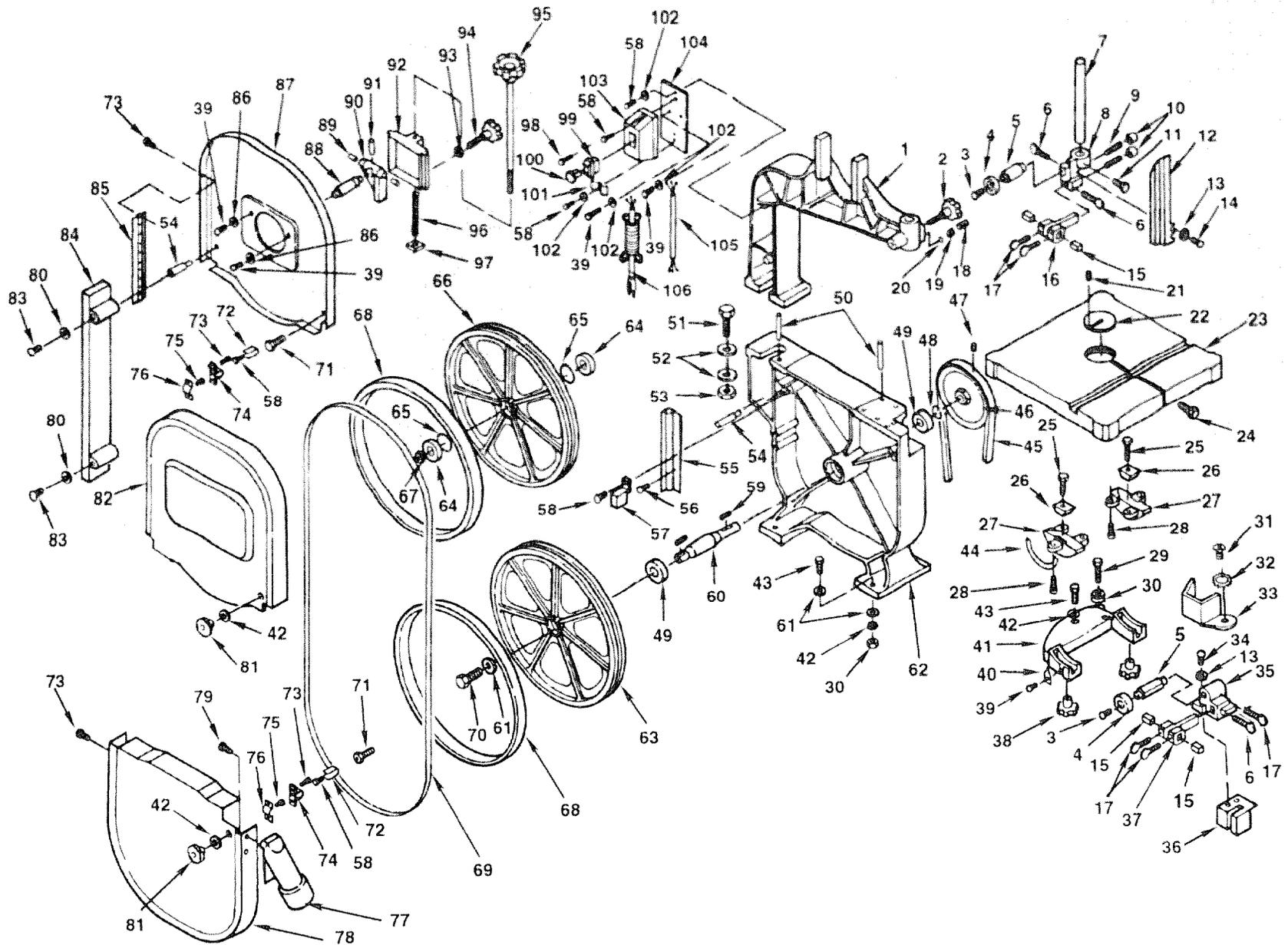


Circuit Diagram

Parts List For Craftsman 14-inch Band Saw

Model No. 113.248340

Figure 1



Parts List For Craftsman 14 Inch Band Saw

Model No. 113.248340

Always Order By Part Number - Not By Key Number

Figure 1 - Drive Assembly Parts

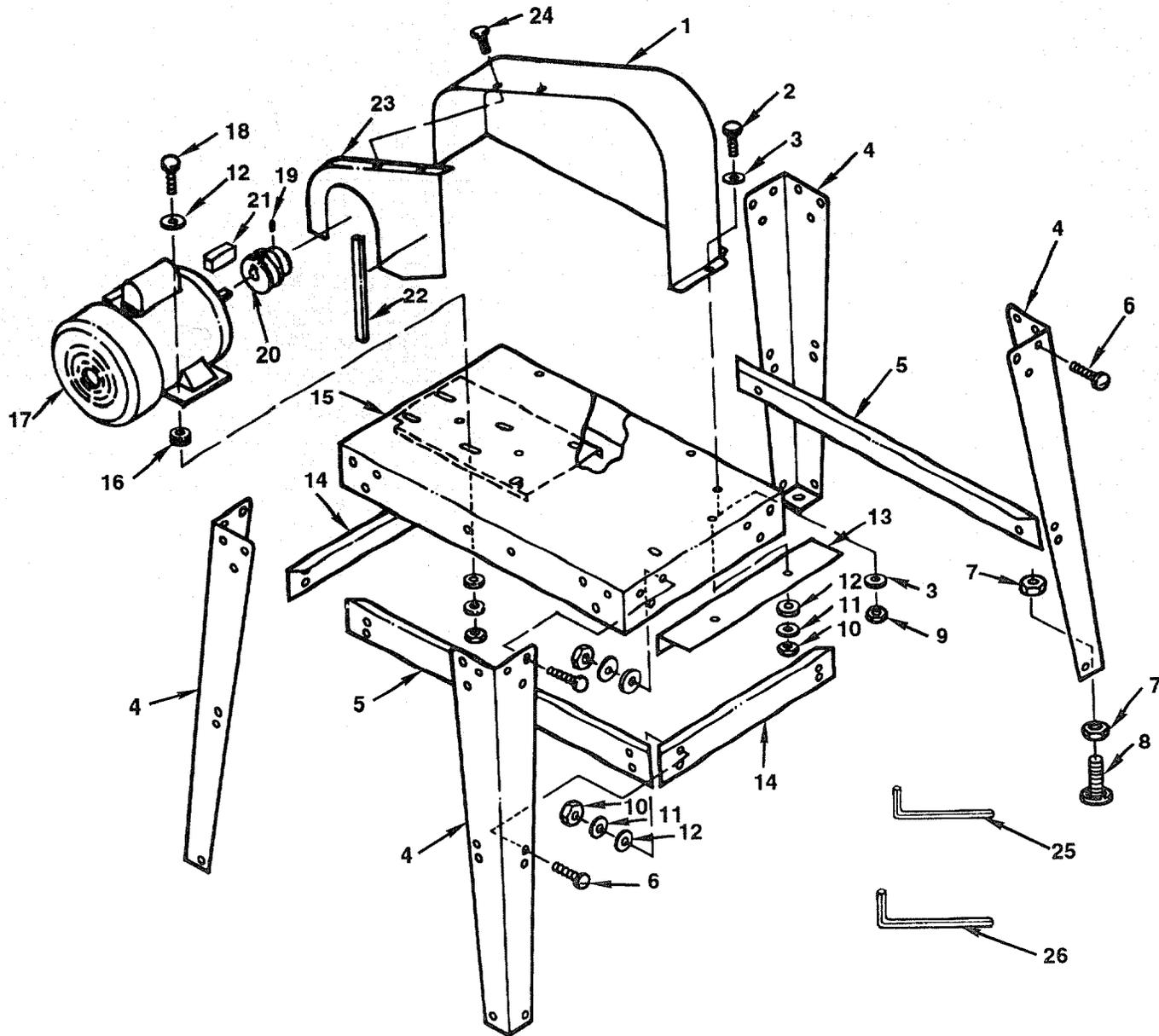
| Key No. | Part No. | Description |
|---------|-----------|--------------------------------|
| 1 | 823545 | Frame Upper Arm |
| 2 | 823544 | Knob |
| 3 | 823746 | Screw Pan Hd. Lock M6 x 1-12 |
| 4 | 10824 | Bearing Ball |
| 5 | 823574 | Sleeve Upper Spacing |
| 6 | 823744-1 | Screw Thumb M6-16 |
| 7 | 823575 | Post Guide |
| 8 | 823601 | Bracket Support Post |
| 9 | 823954 | Screw Soc Set M8 x 1.0-40 |
| 10 | 823573 | Nut Micro-Adjust |
| 11 | 820249-4 | Screw hex Hd. M6 x 1.0-16 |
| 12 | 823596 | Guard Blade Upper |
| 13 | STD851006 | Washer M6 |
| 14 | 813307-3 | Screw Hex Hd. M6 x 1.0-10 |
| 15 | 823572 | Block Guide |
| 16 | 823745 | Bracket Support Upper |
| 17 | 823744 | Screw Thumb M6-12 |
| 18 | 821750 | Screw Set M10 x 1.5-10 |
| 19 | 823743 | Spring |
| 20 | 823742 | Ball Steel |
| 21 | 813249-76 | Pin Roll |
| 22 | 823580 | Insert Table |
| 23 | 823559 | Table |
| 24 | 823579 | Pin table |
| 25 | 823769 | Screw Hex Hd. M10 x 1.5-55 |
| 26 | 823565 | Clamp Trunnion Shoe |
| 27 | 823586 | Trunnion |
| 28 | 823768 | Screw hex Washer hd. M6 x 1-12 |
| 29 | STD835080 | * Screw Hex hd. M8 x 1.25-80 |
| 30 | 56-100005 | * Nut Hex M8 |
| 31 | 816755-4 | Screw Pan Cross M5 x 0.8-8 |
| 32 | STD852005 | Lockwasher M5 |
| 33 | 823588 | Guard Blade Lower |
| 34 | STD833020 | * Screw Hex hd. M6 x 1.0-20 |
| 35 | 823602 | Bracket Lower Support Post |
| 36 | 823750 | Guard Lower Wheel Blade |
| 37 | 823779 | Bracket Lower Support |
| 38 | 823541 | Knob Locking |
| 39 | 813313-5 | Screw Pan Hd. M5 x 0.8-6 |
| 40 | 823578 | Pointer |
| 41 | 823587 | Bracket Trunnion Support |
| 42 | STD852008 | * Lockwasher M8 |
| 43 | STD835040 | * Screw Hex Hd. M8 x 1.25-35 |
| 44 | 823560 | Scale Bevel |
| 45 | 817393-5 | Belt V A40 |
| 46 | 823585 | Pulley |
| 47 | 817391-1 | Screw Soc Set M6 x 1.0-10 |
| 48 | 816782 | Ring Retaining |
| 49 | 817530 | Bearing Ball |
| 50 | 823741 | Pin |
| 51 | 821732-1 | Screw Hex Hd. M16 x 2.0-55 |
| 52 | STD851016 | * Washer M16 |
| 53 | STD841620 | * Nut M16 |
| 54 | 823756 | Stud |

* Standard hardware item. May be purchased locally.

| Key No. | Part No. | Description |
|---------|------------|--------------------------------|
| 55 | 823598 | Hinge Lower |
| 56 | 818470-3 | Screw Flat Hd. M5 x 0.8-10 |
| 57 | 823555 | Brush Wheel |
| 58 | 813313-4 | Screw Pan Hd. M5 x 0.8-12 |
| 59 | 819188 | Key 5mm x 20mm |
| 60 | 823584 | Shaft Lower Wheel |
| 61 | STD851008 | Washer M8 |
| 62 | 823554 | Base |
| 63 | 823556 | Wheel Lower |
| 64 | 823762 | Bearing Ball |
| 65 | 823761 | Ring Retaining |
| 66 | 823550 | Wheel Upper |
| 67 | 823763 | Nut Hex M12 x 1.25 |
| 68 | 823595 | Tire |
| 69 | 9-27193 | † Blade 3/8 x 93-1/2 |
| 70 | 823753 | Screw Hex Hd. LH M8 x 1.25-25 |
| 71 | 823751 | Bolt M10 x 1.5-15 (Special) |
| 72 | 823583 | Catch Door |
| 73 | 817357 | Screw Pan Hd. M4 x 16-8 |
| 74 | 823582 | Clip Door |
| 75 | 813310-5 | Screw Pan Hd. M8 x 1.25-16 |
| 76 | 823581 | Bracket Door |
| 77 | 823558 | Chute Dust |
| 78 | 823557 | Cover Lower Wheel |
| 79 | 823771 | Screw Pan Hd. Lock M6 x 1-8 |
| 80 | 823760 | Washer |
| 81 | 823553 | Knob Catch |
| 82 | 823764 | Cover Upper Front |
| 83 | 816069 | Screw Pan Hd. Ty "AB" #6 x 5/8 |
| 84 | 823600 | Guard Blade Rear |
| 85 | 823597 | Hinge Upper |
| 86 | STD821005 | * Washer M5 |
| 87 | 823758 | Cover Upper Back |
| 88 | 823571 | Shaft Upper Wheel |
| 89 | 823569 | Pin |
| 90 | 823568 | Hinge Shaft |
| 91 | 813249-104 | Pin Roll |
| 92 | 823594 | Bracket Sliding |
| 93 | 823570 | Nut Wing |
| 94 | 823549 | Knob Lock |
| 95 | 823754 | Knob Blade Adjusting |
| 96 | 823567 | Spring Coil |
| 97 | 823755 | Nut Square |
| 98 | STD510603 | * Screw Pan Hd. #6-32 x 3/8 |
| 99 | 60267 | Switch Locking |
| 100 | 9-22255 | † Key, Switch |
| 101 | 63418 | Clamp Cord |
| 102 | STD852005 | Lockwasher M5 |
| 103 | 823547 | Box Switch |
| 104 | 823546 | Plate Switch Backing |
| 105 | 823543 | Cord Power |
| 106 | 823563 | Cord w/Plug |
| - | SP5836 | Owners Manual (Not Illus.) |

† Stock item - May be secured through the Hardware Department of most Sears Retail Stores.

Parts List For Craftsman 14 Inch Band Saws
Model No. 113.248340
Figure 2



**Parts List For Craftsman 14 Inch Band Saw
Model No. 113.248340
Figure 2 - Base Components**

Always order by Part Number - Not by Key Number

| Key No. | Part No. | Description |
|---------|-----------|----------------------------|
| 1 | 823592 | Cover Pulley |
| 2 | 813313-4 | Screw Pan Hd. M5 x 0.8-12 |
| 3 | STD851005 | * Washer M5 |
| 4 | 823773 | Leg |
| 5 | 823590 | Stiffener Long |
| 6 | 823776 | Bolt Carriage M8 x 1.25-16 |
| 7 | STD541237 | * Nut Hex 3/8-16 |
| 8 | 803835-1 | Foot Leveling |
| 9 | STD840508 | * Nut Hex M5 |
| 10 | STD840812 | * Nut Hex M8 |
| 11 | STD852008 | * Lockwasher M8 |
| 12 | STD851008 | * Washer M8 |
| 13 | 823593 | Plate Support |

| Key No. | Part No. | Description |
|---------|-----------|----------------------------|
| 14 | 823589 | Stiffener Short |
| 15 | 823774 | Stand Top |
| 16 | 823747 | Grommet Rubber |
| 17 | 823562 | Motor |
| 18 | STD835040 | Screw Hex Hd. M8 x 1.25-35 |
| 19 | 817391-1 | Screw Set M6 x 1.0-10 |
| 20 | 823740 | Pulley Motor |
| 21 | 819188 | Key 5mm x 20mm |
| 22 | 823576 | Pad |
| 23 | 823591 | Cover pulley Inner |
| 24 | 817357 | Screw Pan hd. M4 x 16-8 |
| 25 | 813317-6 | Wrench Hex "L" 3mm |
| 26 | 813317-7 | Wrench Hex "L" 5mm |

* Standard hardware item. May be purchased locally.

Notes:

Notes

SEARS

owner's
manual

Model No.
113.248340

Single Speed Band Saw
with Leg Set

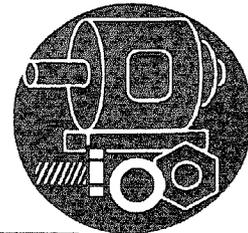
The model number of your 14 inch Band Saw will be found on a plate attached to your saw, on the back side of the upper cover.

When requesting service or ordering parts, always provide the following information:

- Product Type
- Model Number
- Part Number
- Part Description

14 INCH BAND SAW

For the repair or replacement parts you need
Call 7 am - 7 pm, 7 days a week
1-800-366-PART
(1-800-366-7278)



For in-home major brand repair service
Call 24 hours a day, 7 days a week
1-800-4-REPAIR
(1-800-473-7247)



For the location of a
Sears Repair Service Center in your area
Call 24 hours a day, 7 days a week
1-800-488-1222



For information on purchasing a Sears
Maintenance Agreement or to inquire
about an existing Agreement
Call 9 am - 5 pm, Monday-Saturday
1-800-827-6655



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