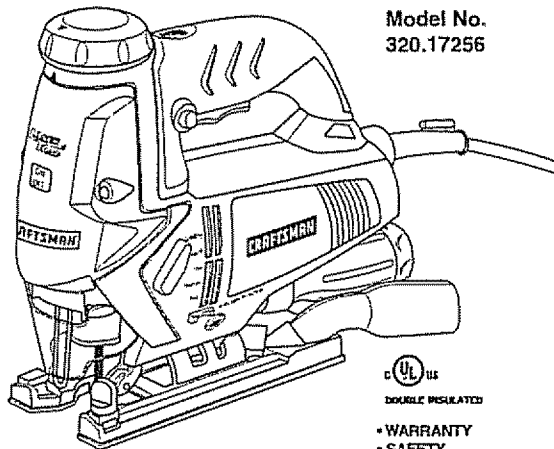


Operator's Manual

CRAFTSMAN®

5.5 Amp
Scrolling Sabre Saw
with Laser Trac™

Model No.
320.17256



 **UL** US
DOUBLE INSULATED

CAUTION Read, understand and follow all Safety Rules and Operating Instructions in this manual before using this product.

Sears, Roebuck and Co.,
Hoffman Estates, IL 60179 U.S.A.
Visit our Craftsman website: www.craftsman.com

- WARRANTY
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ONE YEAR FULL WARRANTY ON CRAFTSMAN® PRODUCT

If this Craftsman product fails due to a defect in material or workmanship within one year from the date of purchase, RETURN IT TO THE NEAREST SEARS STORE OR PARTS AND REPAIR CENTER OR OTHER CRAFTSMAN OUTLET IN THE UNITED STATES FOR FREE REPLACEMENT.

This warranty does not include expendable parts such as lamps, batteries, bits or blades.

If this Craftsman product is used for commercial or rental purposes, this warranty applies for only 90 days from the date of purchase.

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

Sears, Roebuck and Co., Hoffman Estates, IL 60179

SAVE THESE INSTRUCTIONS!
READ ALL INSTRUCTIONS!

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and the explanations with them, deserve your careful attention and understanding. The symbol warnings DO NOT by themselves eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

⚠ WARNING: BE SURE to read and understand all safety instructions in this manual, including all safety alert symbols such as "DANGER", "WARNING" and "CAUTION", BEFORE using this saw. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SYMBOL MEANING

⚠ SAFETY ALERT SYMBOL: Indicates DANGER, WARNING, OR CAUTION. May be used in conjunction with other symbols or pictographs.

⚠ DANGER DANGER: Failure to obey this safety warning WILL result in death or serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

⚠ WARNING Failure to obey this safety warning CAN result in death or serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

⚠ CAUTION Failure to obey this safety warning MAY result in personal injury to yourself or others or property damage. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

DAMAGE PREVENTION AND INFORMATION MESSAGES

These inform user of important information and/or instructions that could lead to equipment or other property damage if not followed. Each message is preceded by the word "NOTE:" as in the example below:

NOTE: Equipment and/or property damage may result if these instructions are not followed.



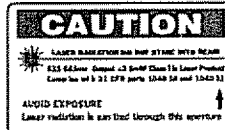
⚠ WARNING: The operation of any sabre saw can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning power tool operation, ALWAYS wear safety goggles or safety glasses with side shield and a full-face shield when needed. We recommend a Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shield, available at Sears Stores or other Craftsman Outlets.

SAFETY INSTRUCTIONS

SAFETY PRECAUTIONS FOR LASERS

This cable saw has a built-in laser light. The laser is a Class IIIa and emits output power of a maximum 2.5mW and 635-665nm wavelengths. These lasers do not normally present an optical hazard. However, DO NOT stare at the beam as this can cause flash blindness.

The following label is on your tool. It indicates where the saw emits the laser light. BE AWARE of the laser light location when using. ALWAYS MAKE SURE that any bystanders in the vicinity of use are made aware of the dangers of looking directly into the laser.



⚠ WARNING: LASER LIGHT, LASER RADIATION. Avoid Direct Eye Exposure. DO NOT stare into beam. Only turn laser beam on when the saw is on the workpiece. Class IIIa laser.

⚠ WARNING: Use of controls, adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

⚠ WARNING: The use of optical instruments such as, but not limited to, telescopes or transits to view the laser beam will increase eye hazard.

- 1 DO NOT remove or deface any product labels. Removing product labels increases the risk of exposure to laser radiation.
- 2 The laser beam can be harmful to the eyes. ALWAYS avoid direct eye exposure. DO NOT look directly into the laser beam output aperture during operation. DO NOT project the laser beam directly into the eyes of others. Turn laser on ONLY when making cuts.
- 3 Laser enhancing safety glasses are included to enhance the laser beam in bright light conditions. DO NOT wear these glasses if they interfere with the safe operation of this saw.
- 4 The laser on the circular saw is not a toy. ALWAYS keep out of the reach of children. The laser light emitted from this device SHOULD NEVER be directed towards any person for any reason.
5. BE SURE the laser beam is aimed at a workpiece (such as wood or rough coated surfaces) that does not have a reflective surface.
6. DO NOT use on surfaces such as sheet steel that have a shiny, reflective surface. The shiny surface could reflect the beam back at the operator. Be aware that laser light reflected off of a mirror or any other reflective surfaces can also be dangerous.
- 7 ALWAYS turn the laser beam off when not in use. Leaving the tool on increases the risk of someone inadvertently staring into the laser's beam.

SAFETY INSTRUCTIONS cont.

SAFETY PRECAUTIONS FOR LASERS cont.

⚠ CAUTION : ALWAYS follow only the instructions contained in this manual when using this laser. Use of this feature in any manner other than what appears in this manual may result in a hazardous radiation exposure.

8. **DO NOT** attempt to modify the performance of this laser device in any way. This may result in a dangerous exposure to laser radiation.
9. **ALWAYS** use only the accessories that are recommended by Sears for use with this product. Use of accessories that have been designed for use with other laser tools could result in serious injury.
10. For further information regarding lasers, refer to ANSI-Z136.1 The STANDARD FOR THE SAFE USE OF LASERS, available from the Laser Institute of America (407) 380-1553.

WORK AREA SAFETY

1. **Keep your work area clean and well lit.** Cluttered workbenches and dark areas invite accidents.
2. **DO NOT** operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
3. **Keep bystanders, children and visitors away** while operating a power tool. Distractions can cause you to lose control.
4. **Make your workshop childproof** with padlocks and master switches. Lock tools away when not in use.
5. **MAKE SURE** the work area has ample lighting so you can see the work and that there are no obstructions that will interfere with safe operation **BEFORE** using your saw.

PERSONAL SAFETY

1. **KNOW** your power tool. Read the operator's manual carefully. Learn the saw's applications and limitations, as well as the specific potential hazards related to this tool.
2. **STAY ALERT,** watch what you are doing and use common sense when operating a power tool.
3. **DO NOT** use tool while tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
4. **DRESS properly. DO NOT** wear loose clothing or jewelry. Pull back long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothing, or long hair can be caught in moving parts. Air vents often cover moving parts and should also be avoided.
5. **AVOID** accidental starting. Be sure switch is in "OFF" position before plugging in. **DO NOT** carry tools with your finger on the switch. Carrying tools with your finger on the switch or plugging in tools that have the switch in the "ON" position invites accidents.
6. **REMOVE** adjusting keys or blade wrenches before turning the tool "ON". A wrench that is left attached to a rotating part of the tool may result in personal injury.

SAFETY INSTRUCTIONS cont.

PERSONAL SAFETY cont.

- 7 Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
- 8 **ALWAYS SECURE YOUR WORK.** Use clamps or a vise to hold work when practical. It is safer than using your hand and frees both hands to operate tool.
- 9 **USE SAFETY EQUIPMENT.** Always wear eye protection. Dust mask, non-skid safety shoes, hard hat or hearing protection must be used for appropriate conditions.
- 10 **DO NOT USE ON A LADDER or unstable support.** Stable footing on a solid surface enables better control of the tool in unexpected situations.

TOOL USE AND CARE SAFETY

⚠ WARNING: BE SURE to read and understand all instructions before operating this saw. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

- 1 **ALWAYS** use clamps or other practical ways to secure and support the workpiece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
- 2 **DO NOT** force the tool. Use the correct tool and blade for your application. The correct tool and blade will do the job better and faster at the rate for which it is designed.
- 3 **DO NOT** use the tool if switch does not turn it "On" or "Off". Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- 4 **DISCONNECT** the plug from the power source before making any adjustments, changing accessories or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- 5 **NEVER** leave the tool running. **ALWAYS** turn it off. **DO NOT** leave the tool until it comes to a complete stop.
- 6 **STORE** idle tools out of the reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.
- 7 **MAINTAIN** tools with care. Keep cutting tools sharp and clean. Properly maintained tools with sharp cutting edges are less likely to bind and are easier to control.
- 8 **CHECK** for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
- 9 **USE ONLY** accessories that are recommended for this tool. Accessories that may be suitable for one tool may become hazardous when used on another tool.


ELECTRICAL SAFETY

⚠ WARNING: Do not permit fingers to touch the terminals of plug when installing or removing the plug from the outlet.

- 1 Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way.

SAFETY INSTRUCTIONS cont.

ELECTRICAL SAFETY cont.

2. Double insulation  eliminates the need for the three-wire grounded power cord and grounded power supply system. Applicable only to Class II (nonable-insulated) tools. This sander saw is a double insulated tool.

⚠ WARNING: Double insulation DOES NOT take the place of normal safety precautions when operating this tool.

3. BEFORE plugging in the tool, BE SURE that the outlet voltage supplied is within the voltage marked on the tool's data plate. DO NOT use "AC only" rated tools with a DC power supply.
4. AVOID body contact with grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
5. DO NOT expose power tools to rain or wet conditions or use power tools in wet or damp locations. Water entering a power tool will increase the risk of electric shock.
6. INSPECT tool cords for damage. Have damaged tool cords repaired at a Sears Service Center. BE SURE to stay constantly aware of the cord location and keep it well away from the moving blade.
7. DO NOT abuse the cord. NEVER use the cord to carry the tool by or to pull the plug from the outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.

EXTENSION CORDS

Use a proper extension cord. ONLY use cords listed by Underwriters Laboratories (UL). Other extension cords can cause a drop in line voltage, resulting in a loss of power and overheating of tool. For this tool an AWG (American Wire Gauge) size of at least 14-gauge is recommended for an extension cord of 25-ft. or less in length. Use 12-gauge for an extension cord of 50-ft. Extension cords 100-ft. or longer are not recommended. Remember, a smaller wire gauge size has greater capacity than a larger number (14-gauge wire has more capacity than 16-gauge wire; 12-gauge wire has more capacity than 14-gauge). When in doubt use the smaller number. When operating a power tool outdoors, use an outdoor extension cord marked "W-A" or "W". These cords are rated for outdoor use and reduce the risk of electric shock.

⚠ CAUTION: Keep the extension cord clear of the working area. Position the cord so that it will not get caught on lumber, tools or other obstructions while you are working with a power tool.

⚠ WARNING: Check extension cords before each use. If damaged replace immediately. Never use tool with a damaged cord since touching the damaged area could cause electrical shock, resulting in serious injury.

SAFETY INSTRUCTIONS cont.

SAFETY SYMBOLS FOR YOUR TOOL

The label on your tool may include the following symbols:

V	Volts
A	Amps
Hz	Hertz
W	Watts
min.	Minutes
~	Alternating current
—	Direct current
n _a	No-load speed
II	Class II construction, Double Insulated
1/min.	Revolutions or Strokes per minute
⚠	Indicates danger, warning or caution. It means attention! Your safety is involved.

SERVICE SAFETY

1. If any part of this saw is missing or should break, bend, or fall in any way, or should any electrical component fail to perform properly: SHUT OFF the power switch and remove the saw plug from the power source and have the missing, damaged or failed parts replaced BEFORE resuming operation.
2. Tool service must be performed only at a Sears Parts and Repair Center. Service or maintenance performed by unqualified personnel could result in a risk of injury.
3. When servicing a tool, use only identical replacement parts. Follow instructions in the maintenance section of this manual. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of electric shock or injury.

SAFETY RULES FOR SABRE SAWS

⚠ DANGER Keep hands away from cutting area and blade. Keep your second hand on the auxiliary handle or motor housing. If both hands are holding the saw, the blade cannot cut them.

⚠ CAUTION: Blades coast after saw is switched off

1. KEEP your body positioned to either side of the saw blade and not in direct line with the saw blade.
2. DO NOT reach under the workpiece. The blade extends under the workpiece when saw is cutting.
3. DO NOT touch the blade or the workpiece immediately after operation; they may be extremely hot and could burn your skin.
4. DO NOT cut an oversized workpiece.
5. CHECK for the proper clearance under the workpiece before cutting so that the blade will not strike the workbench or material under the workpiece.

SAFETY INSTRUCTIONS cont.

SAFETY RULES FOR SABRE SAWS cont.

6. **MAKE SURE** the blade is not contacting the workpiece before the switch is turned on.
7. **HOLD TOOL** by insulated gripping surfaces (handles) when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make the exposed metal parts of the tool "live" and shock the operator.
8. **SECURE MATERIAL** before cutting. Never hold a workpiece in your hand or across your legs. Small or thin material may flex or vibrate with the blade, causing loss of control.
9. When ripping, **ALWAYS USE** a rip fence or straight edge guide. This improves the accuracy of the cut and reduces the chance of the blade binding.
10. **NEVER** cut more than one piece at a time. **DO NOT STACK** more than one workpiece on the worktable at a time.
11. **AVOID** awkward operations and hand positions where a sudden slip could cause your hand to move into the blade.
12. **NEVER** reach into the cutting path of the blade.
13. **BLADE GUIDE ROLLERS** must support the blade when cutting. The rollers must rest against the back edge of blade. **THE ONLY** cutting operation when rollers **DO NOT** support the blade is the scrolling mode. **WHEN SCROLLING** the blade must swivel as it is guided to follow zero l patterns. **ALWAYS** move the base back and blade guide up and back away from blade in scrolling mode.

⚠ WARNING: Use of this tool can generate dust containing chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

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

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling and other construction activities. Wear protective clothing and wash exposed areas with soap and water.

A lowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

⚠ WARNING: Use of this tool can generate and/or disburse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.

SAFETY INSTRUCTIONS cont.

ADDITIONAL RULES FOR SAFE OPERATION

⚠ WARNING: BE SURE to read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

1. **Know your power tool.** Read operator's manual carefully. Learn the applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire or serious injury.
2. **ALWAYS wear safety glasses or eye shields when using this saw.** Everyday eyeglasses have only impact-resistant lenses; they are NOT safety glasses.
3. **PROTECT your lungs.** Wear a face mask or dust mask if the operation is dusty.
4. **PROTECT your hearing.** Wear appropriate personal hearing protection during use. Under some conditions noise from this product may contribute to hearing loss.
5. **ALL VISITORS AND BYSTANDERS MUST** wear the same safety equipment that the operator of the saw wears.
6. **INSPECT** the tool cords periodically and if damaged have them repaired at your nearest Sears Service Center. **BE AWARE** of the cord location.
7. **ALWAYS check the tool for damaged parts.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine if it will operate properly and perform its intended function. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. A guard or other part that is damaged should be properly repaired or replaced at a Sears Service Center.
8. **INSPECT** and remove all nails from lumber before sawing.
9. **SAVE THESE INSTRUCTIONS.** Refer to them frequently and use them to instruct others who may use this tool. If someone borrows this tool, make sure they have these instructions also.

GLOSSARY OF TERMS FOR WOODWORKING

Saw Blade Path

The area over, under, behind or in front of the blade, as it applies to the workpiece. That area which will be or has been cut by the blade.

Set

The distance that the saw blade tooth is bent (or set) outward from the face of the blade.

Strokes per Minute or Stroke Speed

The blade speed of a sabre saw, which can be varied, usually from 0 to 3000 strokes per minute.

Cross cut

A cutting or shaping operation made against the grain of the work piece.

Bevel Cut

A cutting operation made with the blade at any angle other than 90° to the base.

GLOSSARY OF TERMS FOR WOODWORKING cont.

Ripping or Rip Cut

A cutting operation along the length of the workpiece.

Freehand Cut

Performing a cut without using a fence, miter gauge, fixture, work clamp, or other proper device to keep the workpiece from twisting or moving during the cut.

Orbital Sawing

In addition to the up and down movement of a sabre saw's blade, there is orbital action which thrusts the blade forward on the cutting stroke and greatly increases the cutting speed over conventional sabre saws.

Scrolling

Allows the blade to swivel for intricate pattern cutting.

Through Sawing

Any cutting operation where the blade extends completely through the thickness of the workpiece.

Kerf

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

Workpiece or Material

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

Gum

A sticky, sap-based residue from wood products.

Resin

A sticky, sap-based substance that has hardened.

UNPACKING

⚠ WARNING: Your saw should NEVER be connected to the power source when you are assembling parts, making adjustments, installing or removing blades, cleaning or when it is not in use. Disconnecting the saw will prevent accidental starting, which could cause serious personal injury.

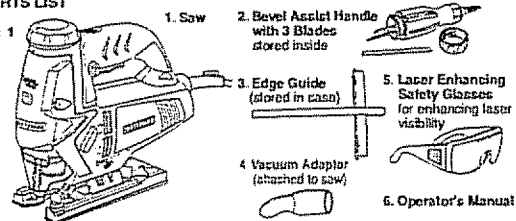
1. The Edge Guide is force-fitted into the top of the storage/carrying case.
2. The Bevel Assist handle with 3 Blades stored inside is also force-fitted into the top of the case.
3. The Vac Adapter is attached to the saw.
4. Also included and attached to the top of the lid of the case with a hook and loop strap is a pair of Laser Enhancing Safety Glasses which are used to enhance the laser beam in bright light conditions.
5. Carefully lift the saw out of the case and place on a stable flat surface.
6. Inspect the saw carefully to make sure that no breakage or damage has occurred during shipping. If any of the items mentioned are missing (refer to illustration on page 12) return the saw to your nearest Sears store or Craftsman outlet to have the saw replaced.

UNPACKING cont.

WARNING: If any parts are broken or missing, DO NOT attempt to plug in the power cord or operate saw until the broken or missing parts are replaced. Failure to do so could result in possible serious injury.

PARTS LIST

Fig. 1



DESCRIPTION

KNOW YOUR SABRE SAW (Fig. 2)

NOTE: Before attempting to use your saw, familiarize yourself with all of the operating features and safety requirements.

Your sabre saw has a precision built electric motor and it should only be connected to a 120-volt, 60-Hz AC ONLY power supply (normal household current). DO NOT operate on direct current (DC). This large voltage drop will cause a loss of power and the motor will overheat. If the saw does not operate when plugged into a correct 120-volt, 60-Hz AC ONLY outlet, check the power supply. This saw has an 8-ft. 2-wire power cord (no adapter needed).

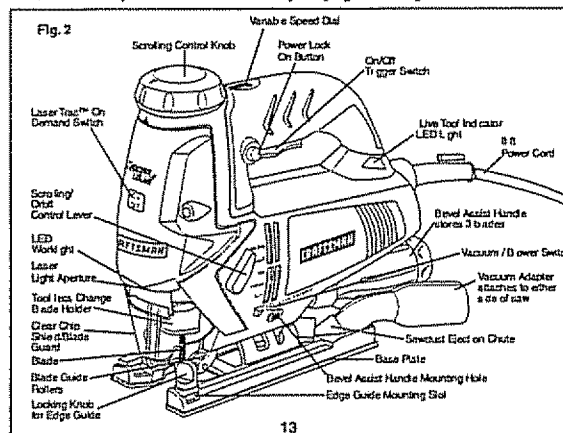
This Sabre Saw has the following features:

1. 5.5 Amp, 800 to 3000 SPM (strokes per minute) variable speed motor.
2. Laser Trac™ The unique, innovative feature for accurate, efficient cutting)
3. Variable Speed is controlled by the speed dial located on the top front of the trigger switch handle.
3. Scrolling/Orbital Action The control lever regulates the 5 cutting modes of the saw.
 1. SCROLLING 360° blade rotation using scrolling knob, normal up and down blade motion. NO orbital action.
 2. SMOOTH minimal splintering, normal up and down blade motion. NO orbital action.
 3. LOW for cutting most metals, low orbital action.
 4. MEDIUM for cutting plastics, hardboard, medium orbital action.
 5. FAST for maximum orbital action, use for fast cutting in plywood, softwoods.
4. Blade Guide Support Rollers provides added blade control. 1 1/2-inch blade stroke for faster cutting.

DESCRIPTION cont.

This Sabre Saw has the following features cont.:

5. Durable Base glides smoothly over workpiece. Bevel scale for easy adjustments.
6. Bevel Cutting Capacity 0° to 45° left and right.
7. Bevel Assist Handle use for maximum control when bevel cutting. Attaches on either side of the saw. Stores under the saw or in case. Conveniently holds extra blades 2 wood and 1 metal cutting blade included. Also has built-in hex key tip to adjust base for scroll cutting and bevel cutting.
8. Quick blade changes with no tools.
9. LED Worklight illuminates cutting area.
10. "Live Tool Indicator" LED light is green when saw is plugged into power source.
11. Soft-grip ergonomically designed handle for maximum control, balance.
12. Extended length trigger switch with power lock-on button.
13. Clear Front Chip Shield / Blade Guard
14. 2-way sawdust removal: 1. Blower position blows debris away from cutting line.
2. Vacuum position for hook-up to wet/dry vac, sold separately.
15. Includes edge guide, ideal for fast, straight repetitive cutting.
16. Permanently lubricated 100% ball bearings for smooth operation, long life.
17. Durable machined gearing for longer, lasting power transmission.
18. Durable cast aluminum and high-impact resistant housing and handle protect tool from damage.
19. Includes impact resistant case for easy carrying and storage.



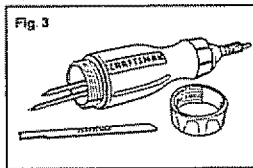
DESCRIPTION cont.

PRODUCT SPECIFICATIONS	
Rating	5.5 Amps
Laser Diode Type	Red Laser Diode 635-665nm
Laser class	Class IIIa, power output $\leq 2.5mW$
No Load Speed	800-3000 SPM (strokes per minute)
Input	120-volts, 60-Hz AC
Bevel Cutting Angle Range	0° to 45° left and right
Blade Stroke	$1\frac{1}{2}$ -inch
Cutting Depth in Wood	3 $\frac{1}{2}$ -in. (85mm)
Cutting Depth in Steel	$\frac{1}{2}$ -in. (6mm)

ASSEMBLY

Blade Storage in The Bevel Assist Handle (Fig. 3)

Your sabre saw comes with 1 metal cutting and 2 wood cutting blades. The blades are stored in the Bevel Assist Handle under the cap. Unscrew the cap on the handle and locate the blade storage with 3 blades. Remember to always use the proper blade for the material being cut. Always make sure the cap is on securely before using the handle on the saw, when bevel cutting, or when storing the handle on the saw while operating it.



TOOL-LESS BLADE INSTALLATION (Figs. 4, 5 and 6)

Tool-less blade change allows you to remove and replace the saw blade quickly and easily without the use of additional tools.

1. Unplug the saw.

WARNING: ALWAYS unplug saw from the power source before changing blades or making any adjustments. Failure to unplug the saw could result in accidental starting which can cause serious personal injury.

NOTE: When installing or removing the cutting blade from the saw, always have the scrolling/orbit control lever in the SMOOTH position. If you have the lever in the SCROLLING position, the blade holder assembly will keep turning and you won't be able to insert or remove the blade.

2. Raise up the clear chip shield, lift one side out of its mounting slot, and remove the shield from the saw (see Fig. 4). Apply a little force when lifting and removing the shield from the saw.
3. Turn the saw upside down so you have access to the blade holder assembly.

ASSEMBLY cont.

TOOL-LESS BLADE INSTALLATION cont. (Figs. 4, 5 and 6)

- 4 Rotate the "red" cover on the blade holder assembly counterclockwise about a quarter turn and hold it in this position while inserting a blade into the slot of the blade holder (see Fig. 5). The teeth of the blade should be facing to the front and point up (when saw is right side up, in cutting position), and the back of the blade must rest in the groove of the blade guide rollers (see Fig. 6).
- 5 Release the blade holder to lock the blade in place.
- 6 Pull down on the blade to make sure the blade is securely locked in place.
- 7 Attach the clear chip shield into its mounting slots and snap the shield down to its proper position.

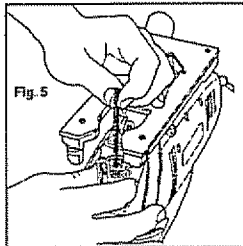
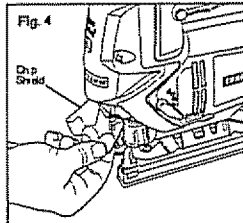
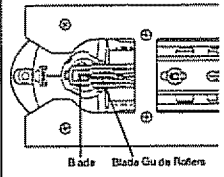


Fig. 6
Blade guide rollers support the blade when cutting in all cutting modes except scrolling.



NOTE: For use with both "T" and "U" shanked blades.

CAUTION Once the blade is installed in the saw, it is always exposed. There is no lower blade guard. Use caution when handling the saw so that the blade does not catch clothing, skin, etc. Each time you set the saw down take care not to bend the blade. Always set saw down on its side when blade is installed. ALWAYS remove blade when saw is not being used.

ASSEMBLY cont.

REMOVING THE BLADE

- 1 Unplug the saw.

⚠ WARNING: ALWAYS unplug saw from the power source before changing blades or making any adjustments. Failure to unplug the saw could result in accidental starting which can cause serious personal injury.

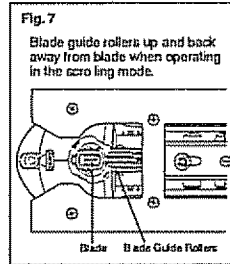
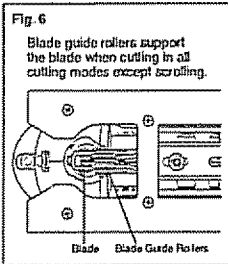
- 2 Follow steps 1 through 4 on the tool-less blade installation (see pages 14 and 15).
- 3 Carefully remove the blade (or change the blade).
- 4 Reattach the clear chip shield and snap it down to its proper position.

NOTE: When storing your saw, ALWAYS remove the cutting blade.

Fig. 6 and 7

⚠ CAUTION: The blade guide rollers support the blade when cutting. The blade guide rollers must rest against the back edge of the blade. THE ONLY cutting operation where the blade guide rollers do not support the blade is when the saw is in the scrolling mode.

When scrolling, the blade must swivel as it is guided to follow the scroll pattern. ALWAYS move the base back and blade guide rollers up and back away from the blade when operating in the scrolling mode.



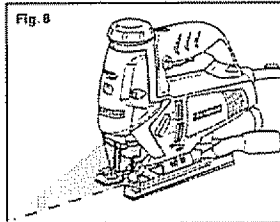
OPERATION

USING THE LASER TRAC™ LIGHT FEATURE (Fig. 8)

⚠ WARNING: LASER LIGHT, LASER RADIATION, Avoid Direct Eye Exposure. DO NOT stare into beam. Only turn laser beam on when the saw is on the workpiece. Class IIIa laser.

- 1 The laser enhancing safety glasses that were included will enhance the laser light in bright light conditions. **DO NOT** wear these glasses if they interfere with the safe operation of this saw.
- 2 **DO NOT** turn the laser beam on until the saw is on the workpiece.
- 3 Mark the line of cut on the workpiece.
- 4 Adjust the cutting angle and cutting speed as needed.
- 5 Plug in the saw and push in the laser switch to turn on the laser.
- 6 Align laser beam with line-of-cut (see Fig. 8).
- 7 Squeeze the trigger switch and slowly push the saw forward. Keep the red laser beam on the line-of-cut.
8. Always shut off the laser light when you are finished cutting.

Fig. 8



LED WORKLIGHT AND "LIVE TOOL INDICATOR" LED LIGHT (Fig. 9)

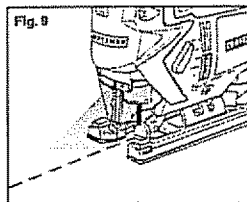


Fig. 9

LED WORKLIGHT

Your sabre saw has an LED work light that turns "ON" automatically when the saw is plugged into a power source. The light helps provide easy visibility of the cutting line.

"LIVE TOOL INDICATOR" LED LIGHT (Fig. 10)

Your saw has a "Live Tool Indicator" green LED light that turns "ON" automatically when the saw is plugged into a power source. The light is located on both sides of the base of the trigger switch handle near the body of the saw.

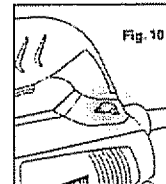
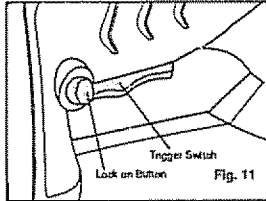


Fig. 10

OPERATION cont.

POWER ON-OFF TRIGGER SWITCH and POWER "LOCK-ON" BUTTON (Fig. 11)

1. Connect the plug of your saw to a standard household power outlet.
2. Start the tool by squeezing the on/off trigger switch (see Fig. 11).
3. To stop the tool, release the on/off trigger switch.
4. To lock the on/off trigger switch in the "on" position, press trigger switch and while holding it "on", press in the lock-on button, located on the left side of the handle (see Fig. 11).
5. The power lock-on button allows the operator to keep the cable saw running without squeezing the trigger switch. This is useful for continuous sawing applications.
6. To release the power lock-on button, press and release the trigger switch. This will turn the tool off.



⚠ WARNING: If the lock-on button is continuously being depressed, the trigger switch cannot be released.

ADJUSTING THE CUTTING SPEED WITH THE VARIABLE SPEED DIAL (Fig. 12 and 12a)

The variable speed feature of this saw allows you to match the proper cutting speed to the material being cut, enhancing the overall performance of your saw and helping to save the blades from undue wear.

The speeds can be adjusted from 800 to 3000 SPM (strokes per minute) no-load speed, by adjusting the variable speed dial located on top of the trigger switch handle.

The speed dial is numbered "1" through "6", with number "1" the slowest speed and number "6" the fastest speed (see Fig. 12 and 12a).

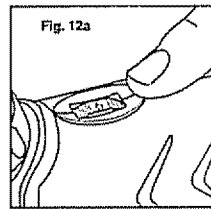
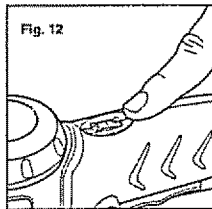
The proper blade speed will differ depending on the type and thickness of the workpiece and whether you are straight cutting or following an intricate scroll pattern.

As a general rule, slower speeds are for denser materials and faster speeds are for soft materials. High speeds will allow you to cut workpieces faster but blade life will be reduced.

The following chart can help you pick the proper speed. Remember to ALWAYS use the proper cutting blade for the cutting application and the material you are cutting.

OPERATION cont.

ADJUSTING THE CUTTING SPEED WITH THE VARIABLE SPEED DIAL cont. (Fig. 12 and 12a)



Workpiece to be cut	Number on Variable Speed Dial
Wood	5 - 6
Mild steel	3 - 6
Stainless steel	3 - 4
Aluminium	3 - 6
Plastics	1 - 4

SCROLLING AND ORBITAL ACTION (Fig. 13)

The scrolling/orbital action control lever regulates the 5 cutting modes of the saw (see Fig. 13).

The first 2 modes, SCROLLING AND SMOOTH, produce the normal up and down blade action of a sabre saw.

The next 3 modes, LOW, MEDIUM AND FAST, produce the orbital blade action. The orbital blade action thrusts the blade forward on the cutting stroke (see Fig. 14), and greatly increases the cutting speed over the normal up and down blade action.

The SCROLLING and SMOOTH settings with the up and down blade action and the LOW setting with the least aggressive orbital action are the ideal modes for cutting harder materials. To increase the orbital action, turn the control lever to FAST, and to decrease the orbital action turn the control lever to MEDIUM or LOW. The orbital action modes will produce rougher finished cuts, but will cut faster. When minimal splintering is needed, the SMOOTH setting position should be used for the normal up and down blade motion with NO orbital action.

ALWAYS test the cutting modes on a piece of scrap material before making your finished cuts.

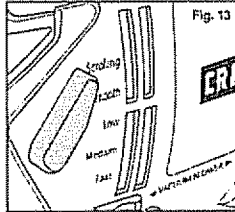
NOTE: Select the right blade for your cutting application. Blades are available for scroll cutting, fine woodcutting, medium and fast woodcutting, and fast metal or smooth metal cutting. A general guide to use when selecting a blade is, the more teeth per inch on the blade, the smoother the cuts, and the less teeth per inch on the blade the faster and rougher the cuts.

See page 29, ACCESSORIES, for more information on selecting the right blade for the job.

OPERATION cont.

SCROLLING AND ORBITAL ACTION cont. (Fig. 13)

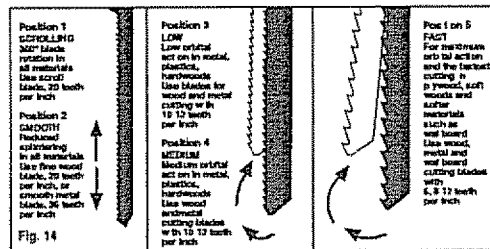
- 1 **SCROLLING** - This mode allows 360° blade rotation using the scrolling knob. In this mode there is no orbital action. Use with scroll blade to cut intricate scroll patterns in all materials with normal up and down blade motion.
- 2 **SMOOTH** - This mode is ideal for cutting all materials with normal up and down blade motion with minimal splintering. In this mode there is no orbital action. Use this mode for cutting hardwoods, mild steel, soft and hard metal with fine wood cutting and smooth metal cutting blades.
- 3 **LOW** - Use this mode for cutting most metal, plastics and hardwoods, with a slightly aggressive orbital action.
- 4 **MEDIUM** - Use this mode for cutting most metal, plastics and hardwoods with a more aggressive orbital action than the LOW mode.
- 5 **FAST** - For maximum orbital action and the fastest cutting in plywood, soft woods and softer materials.



Choose the **SCROLLING** or **SMOOTH** settings with the scrolling/orbital control lever for normal up and down blade motion. (See Fig. 14 Positions 1 and 2).

Choose the **LOW** or **MEDIUM** settings for the least aggressive orbital blade actions (See Fig. 14 Positions 3 and 4).

Choose the **FAST** setting for the fastest, most aggressive cutting with maximum orbital blade action (See Fig. 14, Position 5).

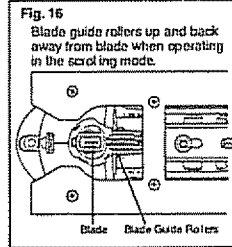
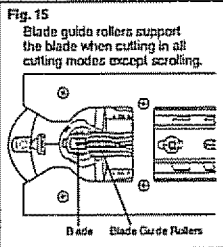


NOTE: In order to reach full orbital action, the blade **MUST BE FACING STRAIGHT FORWARD** and the back of the blade must rest in the groove of the guide rollers. The base must be all the way in the forward position. Orbital action is not observable when the saw is free-running. The saw must be cutting for orbital action to occur. The speed of cut is easier to see in thicker materials.

OPERATION cont.

ADJUSTING / MOVING THE BASE AND BLADE GUIDE ROLLERS FOR SCROLLING (Fig. 15, 16 and 17)

NOTE: The blade guide rollers must support the blade in all cutting operations of the saw except when scrolling. When scrolling, the blade should rotate freely (swivel) and should not come into contact with the blade guide rollers. In the scrolling mode always move the base and back and the blade guide rollers up and away from the blade. The blade is released to swivel in the SCROLLING position and if the blade is held with the guide rollers it could bend and break.



1. Unplug the saw.

⚠ WARNING: ALWAYS unplug saw from the power source BEFORE making any adjustments or attaching accessories.

2. Move the Scrolling/Orbit control lever to "Scrolling" position.

3. Remove the blade. (see page 16).

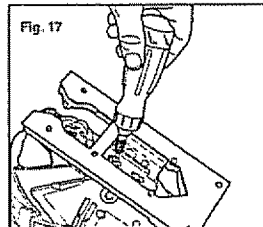
4. Use the bevel assist handle's built in hex key tip to loosen the hex screw in the base of the saw (see Fig. 17).

5. With the base loosened, push the base back as far as it will go, then push up and back on the blade guide rollers so they move away from the blade position in the blade holder (see Fig. 16).

6. Re-tighten the hex screw in the base.

7. Install the blade. (see Page 15).

8. Make sure the blade guide rollers are away from the blade (See Fig. 16).

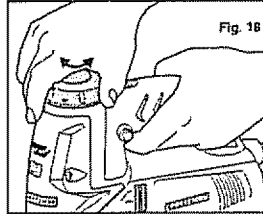


OPERATION cont.

SCROLLING CONTROL KNOB FEATURE (Fig. 18)

The scrolling feature allows the blade to be rotated 360°. It is ideal for cutting curves, designs and detailed pattern work.

- 1 To engage the scrolling function, move the Orbit/Scrolling Control Lever to the SCROLLING position.
- 2 Grasp the scrolling control knob (see Fig. 18).
- 3 The scrolling control knob can be rotated 360° to the left or right while guiding the saw to follow intricate cutting lines.



NOTE: The blade can be locked in any scrolling position within 360° by switching the Orbit/Scrolling Control Lever to the "SMOOTH" position.

NOTE: After moving the lever into the scrolling position, turn the scrolling knob back and forth to be sure the blade/plunger assembly is locked into the desired position.

IMPORTANT: When you are manually scroll cutting, ALWAYS hold the saw handle in one hand and rotate the scrolling knob with your other hand, while applying pressure to the front of the saw so it does not jump out of the workpiece.

NOTE: When scroll cutting intricate designs, ALWAYS use a scroll cutting blade.

CAUTION: Excessive side pressure to the blade could break the blade, which could damage the material being cut.

2-WAY SAWDUST REMOVAL (Fig. 18)

Your sabre saw is equipped with 2-way sawdust removal system. Push the vacuum/blower knob to blower to blow debris away from the cutting area, or attach the vac adapter tube (see Fig. 18) to a wet/dry vac hose with a 1 1/2-inch adaptor, all sold separately. The vac adapter tube will attach to either side of the base to accommodate bevel cutting or blowing the debris away from the operator.

- 1 Unplug the saw.

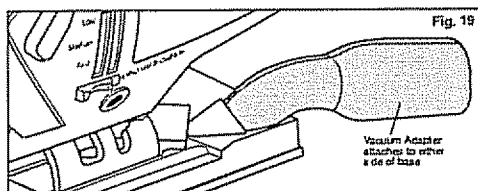
WARNING: ALWAYS unplug saw from the power source BEFORE making any adjustments or attaching accessories.

WARNING: ALWAYS clamp and support workpiece securely, ALWAYS maintain proper control of saw. Failure to clamp and support workpiece and loss of control of saw could result in serious injury.

OPERATION cont.

2-WAY SAWDUST REMOVAL cont. (Fig. 19)

2. Switch the vacuum/blower knob to the "BLOWER" position to blow the sawdust, metal and plastic chips away from the cutting area. No wet/dry vac is needed for this position.
3. Switch the vacuum / blower switch (see Fig. 19) to the "VACUUM" position. Connect the saw's vacuum adapter to a Craftsman® wet/dry vac (sold separately) to vacuum up debris such as sawdust, metal and plastic chips.



GENERAL CUTTING TIPS

1. Always place the best or "finished" side of your workpiece "face down" so it does not get scraped or abused while sawing. **ALWAYS CLAMP** workpiece securely before sawing.
2. Draw your cutting lines, patterns or designs on the "backside" facing you. This means they would be reversed or backwards from the way they will appear on the "finished" side.
3. Always select the correct blade for your cutting application.
4. Place front edge of saw base on the material to be cut and line up the blade with your cutting line.
5. Hold saw firmly and turn it on.
6. Press down (to keep saw base flat against the workpiece) as you slowly push the saw in the direction of the cut.
7. Gradually build up the blade speed, cutting as close to the line as possible (unless you want to leave enough room for finished sanding).
8. As you cut, you may need to reposition the vise or clamps to keep the workpiece stable.
9. **DO NOT** force the saw because the blade teeth may rub and wear without cutting, which may result in breaking the blade.
10. Let the saw do most of the work.
11. **ALWAYS** cut slowly when following curves, so the blade can cut through cross grain. This will provide an accurate cut and will prevent the blade from wandering.

NOTE: ALWAYS apply a steady firm "DOWN" pressure on the front and body of the saw as you cut. This will keep the saw blade from JUMPING out of the workpiece.

OPERATION cont.

⚠ WARNING: ALWAYS clamp and support workpiece securely. ALWAYS maintain proper control of saw. Failure to clamp and support workpiece and loss of control of saw could result in serious injury.

CUTTING METAL

When cutting metal ALWAYS clamp down the metal workpiece and ALWAYS use a METAL cutting blade. Be extremely careful to move the saw very slowly as you cut. Use the LOW speeds (Position 1, 2 or 3 on the variable speed dial). Also use the "LOW" position on the orbital control lever. DO NOT twist, bend or force the blade. If the saw jumps or bounces as you cut, change to a blade with finer teeth. If the blade begins to clog when cutting soft metal, change to a blade with coarser teeth.

For easier cutting, lubricate the blade with a slick of cutting wax (if available) or cutting oil when cutting steel. Thin metal should be sandwiched between two pieces of wood or lightly clamped on a single piece of wood (wood on top of the metal). Draw the cut lines or design on the top piece of wood.

When cutting aluminum extrusion or angle iron, clamp the work in a bench vise and saw close to the vise jaws.

When sawing tubing with a diameter larger than the blade is deep, cut through the wall of the tubing and then insert the blade into the cut, rotating the tube as you saw.

1. When cutting metals, a suitable cooling / cutting oil must be used.

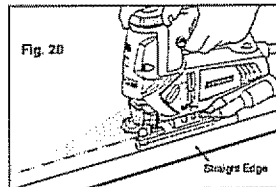
⚠ WARNING: ALWAYS unplug saw from the power source BEFORE oiling the blade or making any adjustments or attaching accessories.

2. Spread the oil onto the blade or workpiece at regular intervals during cutting in order to reduce wear or overheating of the blade.

⚠ WARNING: ALWAYS clamp and support workpiece securely. ALWAYS maintain proper control of saw. Failure to clamp and support workpiece and loss of control of saw could result in serious injury.

CUTTING WITH A STRAIGHTEDGE (Fig. 2D)

1. Mark the side edge of the saw base and then clamp the straightedge on the mark and parallel to the cut.
2. As you cut, keep the saw base edge flush against the straightedge and flat on the workpiece.

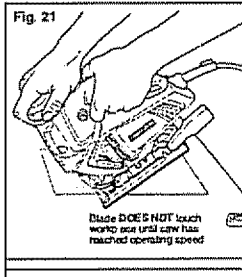


OPERATION cont.

PLUNGE CUTTING (Fig. 21)

One of the most useful features of this type of tool is the ability to start a cut anywhere on the workpiece surface - without the need of drilling a starting hole. Plunge cutting is useful and time saving for making rough openings in soft materials. It makes it unnecessary to drill a hole for an inside or pocket cut.

1. Draw lines for the opening you want to cut.
2. Hold saw firmly and tilt it forward so only the toe of the saw base rests on the workpiece.
3. **MAKE SURE** that the blade is well clear of the workpiece.
4. Start the saw and then gradually lower the blade into the workpiece, firmly holding the toe of the saw base to prevent side wobble.
5. Slowly pivot the saw downward like a hinge until the blade cuts through and the base rests flat on the workpiece.
6. Begin sawing in the usual manner along the cut line.



NOTE: DO NOT use a scroll blade for plunge cutting.

IMPORTANT: DO NOT try to plunge cut into hard materials, such as hardwoods like oak or maple, or metals such as steel.

TO MAKE SHARP CORNERS

1. Cut up to the corner, then back up slightly before rounding the corner.
2. After the opening is complete, go back to each corner and cut from the opposite direction to square it off.

TO ADJUST BASE PLATE FOR BEVEL CUTTING (Fig. 22)

WARNING: ALWAYS unplug saw from the power source BEFORE making any adjustments or attaching accessories.

CAUTION: To prevent damage to the tool when angle or bevel cutting, the scroll mechanism MUST BE locked in place with the cutting edge of the blade facing the front of the tool.

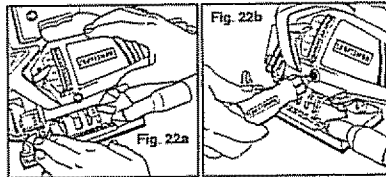
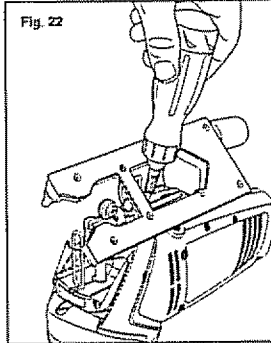
OPERATION cont.

TO ADJUST BASE PLATE FOR BEVEL CUTTING cont. (Fig. 22)

NOTE: ALWAYS remove the blade before adjusting the cutting angle.

- 1 To adjust the cutting angle, first turn the lock upside down and remove the bevel assist handle from underneath the saw.
- 2 Use the hex key built into the end of the bevel assist handle to loosen the hex screw under the base of the saw (see Fig. 22).
- 3 Move the base of the saw slightly forward and tilt it to the desired angle between 0° and 45°, using the scale marked on the base bracket (see Fig. 22a).
- 4 Install a cutting blade.
- 5 Slide the blade guide assembly until the blade guide rests against the back edge of the blade.
- 6 Re-tighten the hex screw. For accurate work, it is necessary to make a trial cut, measure the work, and reset the angle until the correct setting is achieved.

Fig. 22



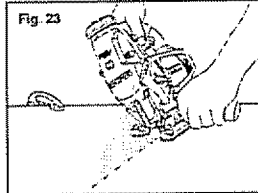
⚠ WARNING: ALWAYS clamp and support workpiece securely. ALWAYS maintain proper control of saw. Failure to clamp and support workpiece and loss of control of saw could result in serious injury.

BEVEL ASSIST HANDLE INSTALLATION AND USE (Fig. 23)

The bevel assist handle will provide maximum control when making bevel cuts.

- 1 The bevel assist handle can be attached to either side of the saw. Position the handle on the side of the saw that faces up and away from the workpiece. (see Fig. 22b and 23)

Fig. 23

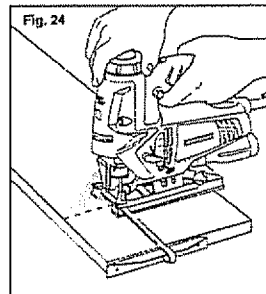


OPERATION cont.

USING EDGE GUIDE (Fig. 24)

⚠ WARNING: ALWAYS unplug saw from the power source BEFORE making any adjustments or attaching accessories.

1. Insert the bar of the edge guide through the slots in the base of the sabre saw (see Fig. 24). The edge guide can be inserted from either side of the base, with the guide edge facing down.
2. Screw the edge guide locking knob into the threaded hole in the base to tighten the edge guide bar in place.
3. Measure the distance from the edge of the workpiece to the line of cut. Slide the edge guide to this desired distance and tighten the locking knob to secure edge guide in place.



MAINTENANCE

⚠ WARNING: Preventive maintenance performed by unauthorized personnel may result in misplacing of internal wires and components, which could cause a serious hazard.

SERVICE

1. When servicing a tool, use only identical replacement parts. Use of unauthorized parts or failure to follow maintenance instructions may create a risk of electrical shock or serious personal injury.
2. All service that requires opening the sabre saw **MUST ONLY** be performed by a Sears Service Center. All motor parts represent an important part of the double insulation system and **MUST ONLY** be serviced by a Sears Service Center. Service performed by unqualified personnel could result in a risk of injury.
3. Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean cloths to remove dirt, carbon dust, etc.

MAINTENANCE cont.

GENERAL

⚠ WARNING: ALWAYS disconnect the tool from the power source **BEFORE** cleaning or performing any maintenance.

⚠ WARNING: DO NOT at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic, which may result in serious personal injury.

It has been found that electric tools are subject to accelerated wear and possible premature failure when they are used to work on fiber glass boats and sports cars, wallboard, spackling compounds or plaster. The chips and grindings from these materials are highly abrasive to electrical tool parts, such as bearings, brushes, commutators, etc. Consequently, it is not recommended that this tool be used for extended work on any fiberglass material, wallboard, spackling compound or plaster. During any use on these materials, it is extremely important that the tool is cleaned frequently by blowing with an air jet.

⚠ WARNING: Always wear safety goggles or safety glasses with side shields during power tool operations, or when blowing dust. If operation is dusty, also wear a dust mask.

LUBRICATION

All of the bearings in this tool are lubricated with a sufficient amount of high-grade lubricant for the life of the tool under normal operating conditions. Therefore, no further lubrication is required.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Laser line is not projected	Laser switch is turned off and/or the tool is not plugged in.	Make sure laser switch is turned on and the tool is plugged in.
Laser line is hard to see	Working conditions are too bright.	Use tinted laser enhancing safety glasses.
LED Worklight and "Live Tool Indicator" LED light do not light	The tool isn't plugged in	Plug tool into power source
The Scrolling Control Knob cannot be turned	The Orbit/Scrolling Control Lever is not in "scrolling" position.	Put the lever into "scrolling" position.

ACCESSORIES

⚠ WARNING: The use of attachments or accessories that are not recommended for this tool might be dangerous and could result in serious injury.

Sears® and other Craftsman outlets have a large selection of Craftsman sabre saw blades designed for specific cutting applications.

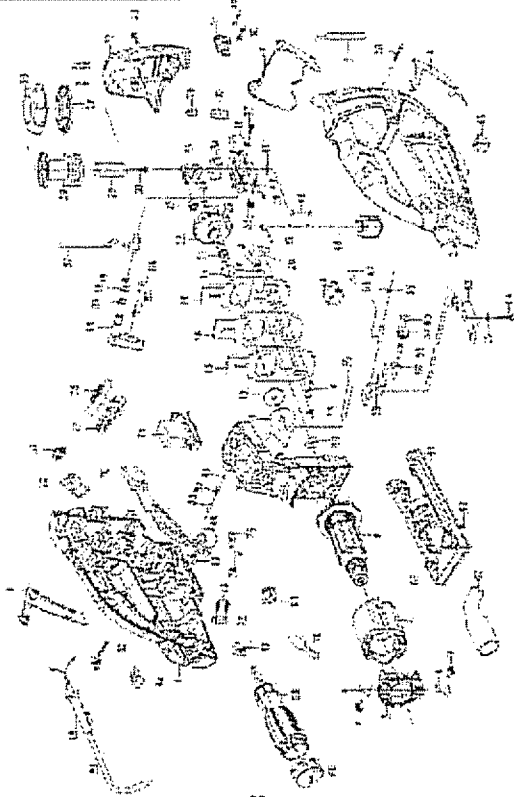
Sabre saw blades are available for super fine wood scrolling, smooth, medium and fast wood cutting. Select metal cutting blades for fast or for smooth cutting, knife blades designed to cut vinyl, leather, rubber, cork and carpet.

There are special blades available for cutting abrasive materials such as plaster and wallboard and most all blades are available in individual packs or variety and assorted sets.

Sears and other Craftsman outlets also offer safety equipment, sawhorses, work stands, straight edges, cutting guides and a large selection of clamps to help you with all your sawing needs.

Visit your local Sears store or other Craftsman outlets or shop www.craftsman.com

PARTS LIST



PARTS LIST cont.**5.5 AMP SCROLLING SABRE SAW
- MODEL NUMBER 320.17256**

The Model Number will be found on the Nameplate.
Always mention the Model Number in all correspondence regarding your tool.

Item No.	Parts No.	Part Description	Qty.
1	3121364001	Leh Housing ASSY	1
2	3121363001	Right Housing ASSY	1
3	3420338001	Left alum cover	1
4	3420339001	Right alum cover	1
5	2820587001	Brushbox	1
6	4860017002	Carbon brush	2
7	3660055001	Spring	2
8	DSJS2701	Stator	1
9	DSJS2702	Rotor Set	1
10	DSJS2703	Middle holder	1
11	3700184001	O Washer	1
12	3700226001	Washer	1
13	3700227001	Washer	1
14	5620054002	Screw M3x10	2
15	3700225001	B Balance plate-B	1
16	3700224001	A Balance plate-A	2
17	3700203001	Washer	1
18	3700145001	Washer	3
19	5660027001	Safety ring	2
20	3520058001	Pendulum block	1
21	5700030001	Roller bearing	1
22	3550188001	Gear	1
23	3700183001	C Washer	1
24	5660007001	Safety ring	1
25	3550214001	Rolling ring	1
26	3320103004	Scrolling Knob	1
27	3320104004	Knob cover	1
28	3120477003	Bearing holder	1
29	3520055001	Guiding block	1
30	5610023002	Screw M3.5x13	2
31	3121458001	Switch Cover	1
32	3420351001	Alum cover	1
33	37000815001	Bearing slot	1
34	3520057001	Sliding bearing	1
35	3420129001	Sliding bearing holder	1
36	5650005001	Washer	3
37	5610021001	Screw 3.5x8	1
38	3660071001	Spring	1
39	3550213001	Pendulum Pin	1
40	3120491001	Guide Block	1

PARTS LIST cont.

**5.5 AMP SCROLLING SABRE SAW
- MODEL NUMBER 320.17256**

The Model Number will be found on the Nameplate.
Always mention the Model Number in all correspondence regarding your tool.

Item No.	Parts No.	Part Description	Qty.
41	3120444002	Ring	1
42	3121371001	Left Indicator Cover	1
43	3121372001	Right Indicator Cover	1
44	3121469001	Left Fixing Block	2
45	3550202001	Pin	1
46	3550181001	Pin	2
47	3121388001	Transparence guard	1
48	2820577001	Plunger ASSY	1
49	5630037001	Nut	3
50	5610105001	Screw 4X20	13
51	3650007001	Steel bracket	1
52	3121366001	Blowing knob	1
53	3320355001	Auxiliary Handle ASSY	1
54	3550194001	Pin	1
55	3550195001	Pin	1
56	3660243001	Spring	1
57	3550503001	Guide wheel	1
58	3550149001	Pin	1
59	3700987001	Guide wheel holder	1
60	5660001001	Safety ring	4
61	3121370001	Base plate cover	1
62	5610079001	Screw 3XB	14
63	3700886001	Bracket	1
64	5620014001	Screw 4X25	1
65	3700182001	B Washer	1
66	3420340001	Base plate	1
67	3121369001	Vacuum Adaptor	1
68	3121513001	Blade Holder	1
69	4930004001	Junction port	1
70	4900043001	Speed adjuster	1
71	4870065001	Switch	1
72	3120234002	Anchorage	1
73	5610024002	Screw 3.5X15	2
74	3550146001	Pin	1
75	3700164001	Nut	1
76	4540017003	Power Supply Indicator	1
77	3121367001	Switch Lock	1
78	3660245001	Spring	1
79	4360001004	LED	1
80	3120470004	Transparent Guard	1

PARTS LIST cont.**5.5 AMP SCROLLING SABRE SAW
- MODEL NUMBER 320.17256**

The Model Number will be found on the Nameplate.
Always mention the Model Number in all correspondence regarding your tool.

Item No.	Parts No.	Part Description	Qty.
81	5700045001	Steel ball	1
82	3660050001	B Spring	3
83	3120016002	Cap of spring	1
84	3121471001	Pendulum knob	1
85	3700553001	Woolen	1
86	3700191001	Cap of spring	2
87	2820883001	Linker assemble	1
88	3121045001	Cable guard	1
89	4810002131	Cord and plug	1
90	3520219001	Bush	1
91	2870030002	Laser Set	1
92	4890059001	Micro Switch ASSY	1

NOTES

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