

# INSTRUCTION MANUAL

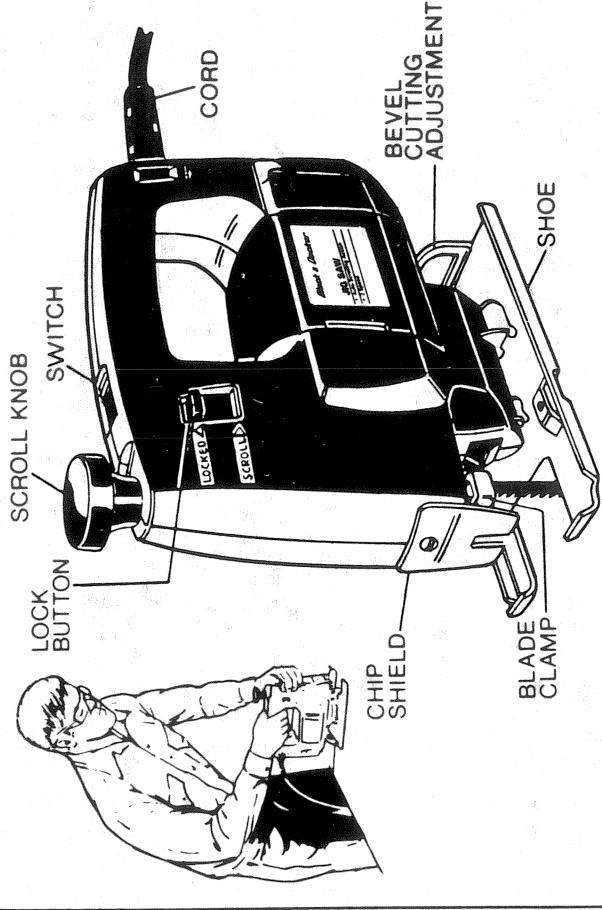
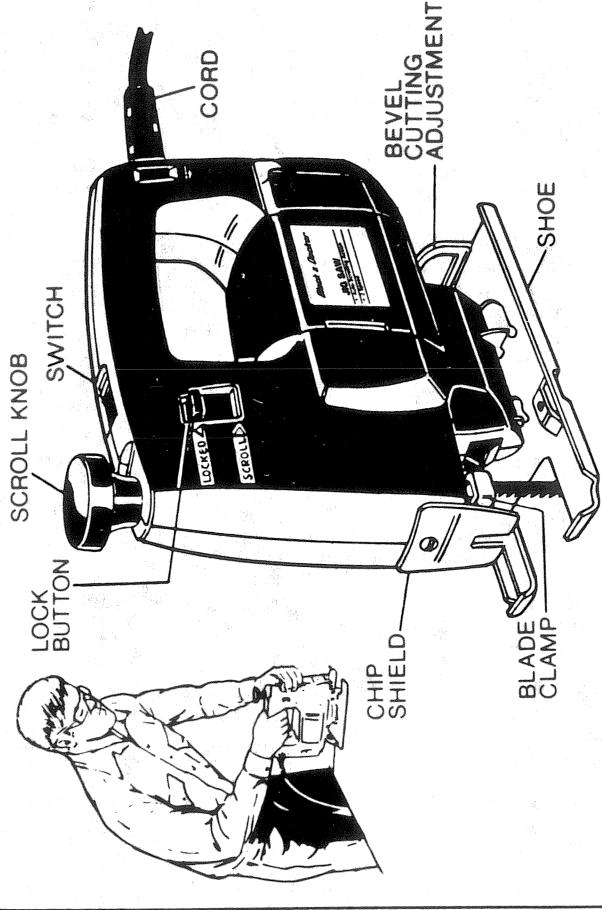


Black & Decker's full two year home use warranty states that, in case of a defect, you may return the tool to the place of purchase for a free replacement (if it is a participating retailer) or you may take it to a Black & Decker Service Center.

## HOME USE WARRANTY (A FULL TWO YEAR WARRANTY)

Black & Decker (U.S.) Inc. warrants this product for two years against any defects that are due to faulty material or workmanship. Please return the complete unit, transportation prepaid, to the seller (if a participating retailer) for free replacement (proof of purchase may be required). The unit may also be returned to a Black & Decker Service Center or Authorized Service Station, listed under "Tools, Electric" in the yellow pages for free replacement or repair at our option. This warranty does not apply to accessories. This warranty gives you specific legal rights and you may have other rights which vary from state to state. Should you have any questions, contact your nearest Black & Decker Service Manager.

Like most Black & Decker tools, this tool is listed by Underwriters' Laboratories to ensure that it meets stringent safety requirements. This symbol on the name plate means the product is listed by Underwriters' Laboratories, Inc.



tures, you have DOUBLE-INSULATION in the tool to give you added electrical safety.

For personal safety and for proper operation of the Jig Saw, please take the time to carefully read all of the safety rules and instructions in this booklet. Don't forget to send in the owner registration card.

THANK YOU for buying BLACK & DECKER!

**7571 AUTO-SCROLLING  
TWO SPEED  
JIG SAW**  
DOUBLE INSULATED  
Capacity 1" Hardwood, 1½" Softwood

**IMPORTANT**  
To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (other than included in this manual) should be performed by Black & Decker Service Centers or other qualified service organizations, always using Black & Decker replacement parts. When servicing Double-Insulated Tools, USE ONLY IDENTICAL REPLACEMENT PARTS.

See 'Tools-Electric'  
—Yellow Pages—  
for Service & Sales



**BLACK & DECKER (U.S.) INC.**  
**U.S. Power Tools Group • P.O. Box 798**  
**Hunt Valley, MD 21030-0798 U.S.A.**

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## SAVE THESE INSTRUCTIONS FOR FUTURE USE

Before using an extension cord, inspect it for loose or exposed wires, and chipping accessories. Follow instructions for lubricating and changing cords periodically. Inspect tool cords periodically and if damaged have repaired by authorized service facility. Inspect extension cords have repaired by authorized service facility and if damaged have replaced by replacement cord always be followed to reduce the risk of injuries.

and better and safe performance. Follow instructions for lubricating and changing cords periodically. Inspect tool cords periodically and if damaged have replaced by replacement cord always be followed to reduce the risk of injuries.

To determine the minimum wire size required, refer to the chart below:

**CHART FOR MINIMUM WIRE SIZE (AWG) OF EXTENSION CORDS**

		Total Extension Length - Feet											
		Nominal Amps											
		25	50	75	100	125	150	175	200	12	12	12	
		10	11	13	14	14	14	14	14	12	12	12	
		13	13	15	14	14	14	14	14	12	12	12	
		13	13	15	14	14	14	14	14	12	12	12	
<b>Rating - Amperes</b>		0 - 100	100 - 150	150 - 175	175 - 200	200							

Total length, be sure each individual extension cord contains at least the minimum wire size.

**CAUTION:** When servicing Double insulated tools, USE ONLY IDENTICAL REPLACEMENT PARTS. Replace or repair damaged cords.

**NOTE:** DOUBLE-INSULATION does not take the place of normal safety precautions when operating this tool. The improved insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

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**CAUTION:** When sawing into walls, floors or wherever "live" electric cables may be encountered, DO NOT TOUCH ANY METAL PARTS OF THE TOOL! Hold the jig Saw only by its plastic handle to prevent electric shock if you saw into a "live" wire.

**NOTE:** Your power supply agrees with nameplate marking, 120 Volts/50/60 Hz means Allowing Current (normal 120 volt, 60 cycle house current). Voltage decrease of more than 10% will cause loss of power and overheating. All BD tools are factory tested; if this tool does not operate, check the supply line for blown fuses, plug and receptacle for contact.

**NOTE:** Your Black & Decker tool is powered by a BD-built motor. Be sure

### MOTOR

tools normally spark and the sparks might ignite flammable liquids or in gaseous or explosive atmospheres. Motors in these 20. **DO NOT OPERATE** portable electric tools near flammable liquids or in gaseous or explosive atmospheres. Motors in these

turn it on and off.

authORIZED service centers. Do not use tool if switch does not function. Check for alignment of moving parts, binding of

moving parts, package of parts, mounting, and any other condition that may affect its preparation. A guard or replace part that is damaged should be properly prepared. Moving parts, binding of

moving parts, package of parts, mounting, and any other condition that may affect its preparation. A guard or replace part that is damaged should be carefully checked to determine that it is damaged should be carefully checked

guard or other part that is damaged should be carefully checked to determine that it is damaged should be carefully checked

Do not operate tool when you are tired.

18. **STAY ALERT** Watch what you are doing. Use common sense.

17. **OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors, use only extension cords intended for use outdoors and so marked.

16. **AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.

15. **MOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

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

13. **KEEP CHILDREN AWAY.** All visitors should be kept away from refrigerated enclosures.

12. **CONSIDER WORK AREA ENVIRONMENT.** Don't expose power tools to rain. Don't use power tools in damp locations.

11. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite power tools to fall or attachment to do the job better and safer at the rate for which it was intended.

10. **DON'T OVERREACH.** Keep proper footing and balance at all times using your hand and fit free both hands to operate tool.

9. **USE SAFETY GLASSES.** Also use face or dustmask if cutting protective hair covering to contain long hair.

8. **DRESS PROPERLY.** Do not wear loose clothing or jewelry. Skid footwear are recommended when working outdoors. Rubber gloves and non-slip socks can be caught in moving parts. Rubber gloves and non-slip socks can be caught in moving parts. Rubber gloves and non-slip

7. **USE RIGHT TOOL.** Don't force small tool or attachment to do the job of a heavy-duty tool. Don't use tool for purpose not intended, for example, don't use circular saw for cutting tree limb or logs.

6. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was intended.

5. **STORE IDLE TOOLS.** When not in use, tools should be stored in dry, and high or locked-up place — out of reach of children.

4. **KEEP CHILDREN AWAY.** All visitors should be kept away from work area. Do not let visitors contact tool or extension cord.

3. **GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact with ground surfaces. For example: pipes, radiators, ranges,

2. **CONSIDER WORK AREA ENVIRONMENT.** Don't expose power tools to rain. Don't use personal injury, including the following:

1. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite fire, electric shock, and personal injury, including the following:

gauge. When using more than one extension cord to make up the gauge, the smaller the gauge has more capacity than 18 gauge. The greater the number of the wire, the greater the heat loss of power and overheat the cable, that is 16 gauge has more capacity than 18 gauge. The gauge is recommended for outdoor use. Any cord jacketed American extension cord must have adequate wire size (AWG) or American wire gauge for safety, and to prevent loss of power and overheat the cable, that is 16 gauge has more capacity than 18 gauge. The gauge is recommended for outdoor use. Any cord jacketed American extension cord must be suitable for indoor work (The letters "W" on the cord jacketed as outdoor wires Labratory (UL). If the extension will be used outside, the cord must be suitable for outdoor use. Only cord marked as outdoor should be used, and we recommend that they be listed by Underwriters Laboratories (UL).

Double insulated tools have 2 wire cords, and can be used with 2 wire or 3 wire extension cords. Only round jacketed extension cords or 3 wire extension cords have 2 wire cords, and can be used with 2 wire

## EXTENSION CORDS

Tools built with this improved insulation system are not intended to be grounded. As a result, your tool is equipped with a two-prong plug which permits you to use any convenient 120 volt electrical outlet without concern for maintaining a ground connection. Double insulated tools have 2 wire cords, and can be used with 2 wire or 3 wire extension cords. Only round jacketed extension cords or 3 wire extension cords have 2 wire cords, and can be used with 2 wire

means that it is constructed throughout with a two-layer system

of electrical insulation or one double insulation of insulation

between you and the tool's electrical system. This means that it is added safety. This

## DOUBLE-INSULATION

**CAUTION:** When sawing into walls, floors or wherever "live" electric cables may be encountered, DO NOT TOUCH ANY METAL PARTS OF THE TOOL! Hold the jig Saw only by its plastic handle to prevent electric shock if you saw into a "live" wire.

**NOTE:** Your power supply agrees with nameplate marking, 120 Volts/50/60 Hz means Allowing Current (normal 120 volt, 60 cycle house current). Voltage decrease of more than 10% will cause loss of power and overheating. All BD tools are factory tested; if this tool does not operate, check the supply line for blown fuses, plug and receptacle for contact.

**NOTE:** Your Black & Decker tool is powered by a BD-built motor. Be sure

**1. KEEP HANDS AWAY** from cutting areas. Never reach under-

**2. KEEP BLADE SHARP.** Dull blades may break or cause the saw to sever the material for any reason.

**3. KEEP SAW CLEAN.** Keep tools sharp and clean for

**4. ADDITIONAL SAW SAFETY RULES**

**5. MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for

**6. DON'T OVERREACH.** Keep proper footing and balance at all

**7. USE RIGHT TOOL.** Don't force small tool or attachment to do

**8. DRESS PROPERLY.** Do not wear loose clothing or jewelry.

**9. USE SAFETY GLASSES.** Also use face or dustmask if cutting

**10. DON'T ABUSE CORD.** Never carry tool by cord or yank it to dis-

**11. SECURE WORK.** Use clamps or a vise to hold work. It's safer

**12. DON'T OVERREACH.** Keep both hands to operate tool. It's safer

**13. MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for

**14. KEEP CHILDREN AWAY.** All visitors should be kept away from

**15. REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of

**16. AVOID UNINTENTIONAL STARTING.** Don't carry plugged-in

**17. OUTDOOR USE EXTENSION CORDS.** When tool is used outdoors,

**18. STAY ALERT.** Watch what you are doing. Use common sense.

**19. CHECK DAMAGED PARTS.** Before further use of the tool, a

**20. DO NOT OPERATE** portable electric tools near flammable

**liquids or in gaseous or explosive atmospheres. Motors in these**

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**23. GUARD AGAINST ELECTRIC SHOCK.** Prevent body contact

**24. KEEP CHILDREN AWAY.** All visitors should be kept away from

**25. STORE IDLE TOOLS.** When not in use, tools should be stored

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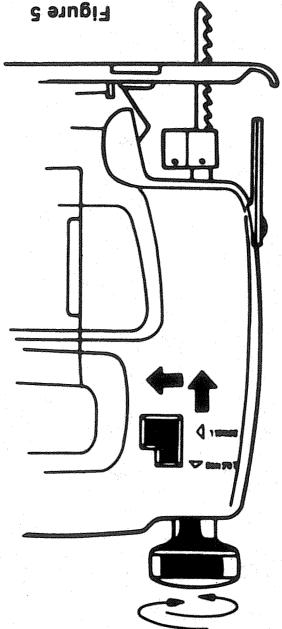
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**Figure 5**



**MANUAL SCROLLING**

Your new saw is equipped with an Automatic and Manual scrolling feature in addition to the conventional fixed blade position. The scrolling feature permits the saw to complete a scroll without rotating the entire saw. This feature provides greater convenience and control when cutting intricate curves and small circles especially near corners and obstructed areas.

Be sure board is firmly secured. Hold Jig Saw by the convenient overhead handle and operate switch to turn the unit on. Don't attempt to turn on the unit when blade is against material to be cut. This could stall the motor. Place front of shoe on material to be cut and hold Jig Saw shoe down firmly against the work surface while cutting. Don't force the tool; let the blade cut at its own speed. Whenever possible, clamp or support work close to the line of cut; when the cut is completed, shut off power and lay the saw aside before loosening the work.

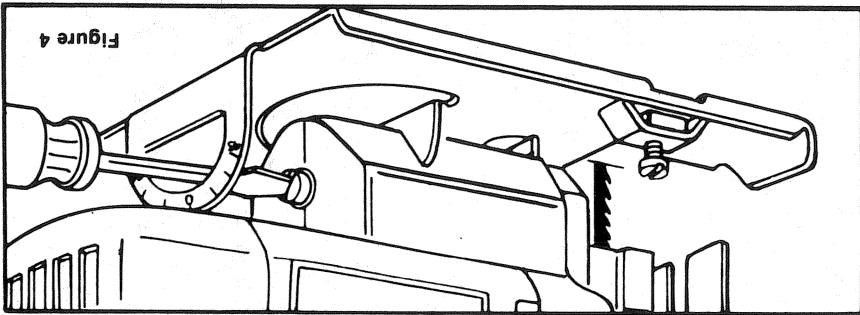
Mount the blade in the front position shown in Figure 1. Place the Lock Button in the scroll position by pushing down on both sides of the scroll position, Figure 5. The saw blade can be rotated by turning the scroll knob with the free hand.

## MANUAL SCROLLING

Your new saw is equipped with an Automatic and Manual scrolling feature in addition to the conventional fixed blade position. The scrolling feature permits the saw to complete a full rotation without rotating the entire saw. This feature permits greater convenience and control when cutting intricate curves and small circles especially near corners and obstructed areas.

Be sure board is firmly secured. Hold jig Saw by the convenient overhead handle and operate switch to turn the unit on. Don't attempt to turn on the unit when blade is against material to be cut. This could stall the motor. Place front of shoe on material to be cut and hold it until the blade cuts through the wood. While cutting, clamp or support work close to the line of cut; when the cut is completed, shut off power and lay the saw aside before loosening the work.

**Figure 4**



The jig Saw Shoe may be tilted to permit bevel cutting at any angle from 0° to 45°. To change the angle of the shoe, loosen screw (see right) and tilt shoe to desired cutting angle with blade. Retighten screw. Cutting angles of 0° thru 45° for rough cuts are indicated on the raised portion of shoe when viewed from rear of saw. A protractor is recommended when sawing. Every accurate cut is recommended when the saw blade turned sideways while the shoe is tilted.

## GENERAL CUTTING GUIDELINES

Pulling the switch button all the way back turns the tool "OFF".

Pulsing the button alternately will expose the letters "Hi" (Figure 3). This is the high speed position for cutting woods and composition boards.

Push the switch button to turn the saw on. As you push the button forward it will first click into a position exposing the letters "LO". This is the low speed position for cutting metals and plastics.

SWITCH

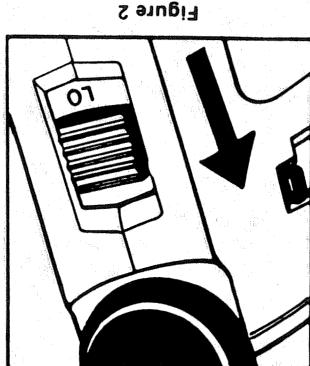
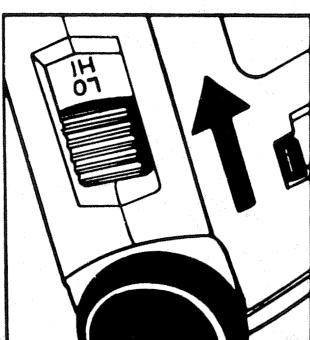


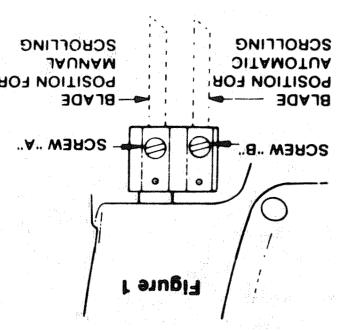
Figure 2



**Figure 3**

**DISCONNECT** tool from wall recess. For manual scrollin  
loosen screw "A" and install blade as far as it will go. Tighten  
blade sure screw "B" is tight. Also be sure screw "B" is tight. As  
each blade as far as it will go. Tighten rear slot of blade firmly.  
Automatic Scrollin loose screw "A" and tighten rear slot of blade firmly.  
Screw "B" and install blade loose. Screw "A" is tight. Also be  
sure screw "B" is tight. Assemble rear slot of blade firmly.  
**NOTE:** Never install 2 blades at once.

## ATTACHING BLADES



### Figure 1



A pocket cut is an easy method of marking an inside cut. The saw can be inserted directly into a panel or board without first drilling a lead or pilot hole. In pocket cutting measure the surface to be cut and mark clearly with a pencil. Next tip the saw forward until the front edge of the shoe sits firmly on the work surface. Figure 10. Switch the tool on and allow it to attain maximum speed. Grip the handle firmly and lower the back edge of the tool until the blade cuts smoothly into material. Figure 11. Always be sure blade reaches its complete depth before starting to cut. For pocket cutting the lock button should be kept in the "LOCKED" position.

POCKET CUTTING

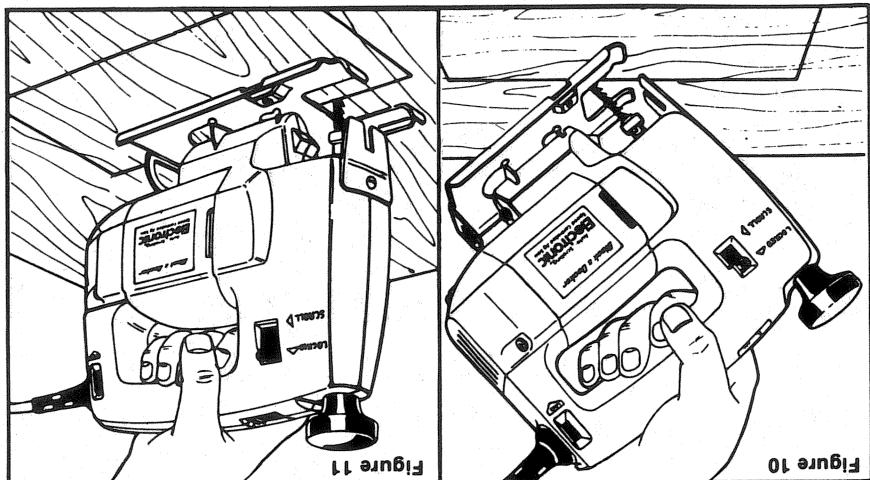
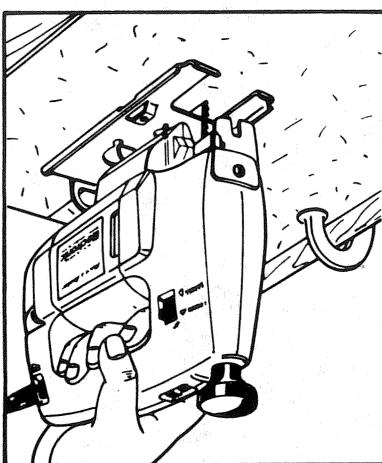


Figure 9



METAL & PLASTIC CUTTING

**METAL & PLASTIC CUTTING**

NOTE: To clean Chip Shield, first uppling saw from power supply. Use only a dry rag or rag dampened with plain water to wipe clean.

In cutting thin gauge sheet metals, it is best to clamp wood or plywood to the bottom of the metal sheet; this will insure a clean cut without the danger of vibration or tearing of the metal.

Without a sharp blade, fine metal will always remain on the bottom of the sheet.

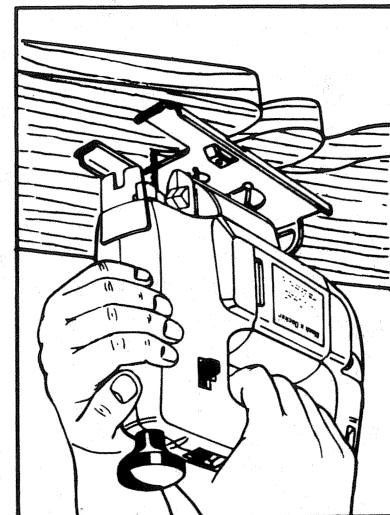
Always remember to use a sharp blade for a clean cut.

Figure 9. Always remember to use a sharp blade for a clean cut.

Figure 9. Always remember to use a sharp blade for non-ferrrous metals (for those that have an iron content); and use a coarser blade for non-ferrrous metals (for those that do not have an iron content).

Use a lower speed setting for cutting metals, plastics and composition tile. When cutting laminated plastic, place the surface side down and use a fine tooth hollow ground blade and a high speed setting.

Figure 7



CHIP SHIELD

The saw shaft can be locked in four positions 90° apart. Turn the knob to the desired blade position and place the Lock Button in "LOCKED" position by pushing slightly downward and forward, allowing the Lock Button to spring upward. (Do not attempt to scroll or use your saw with the blade turned sideways while the shoe is lifted).

CONVENTIONAL CUTTING

NOTE: If the drum grip is secured with an  
screw tilted or with Flush Cutting Blade  
installed.

NOTE: Do not attempt to scroll with saw apply ing pressure to the handle.

guiding the saw in the direction of cut by

Mount the blade in the rear clamp position, Figure 1. Place the LOCK Button in the scroll position as explained under Manual Scroll Lock without touching the Scroll knob.

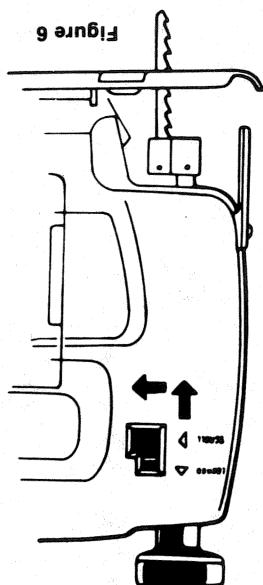
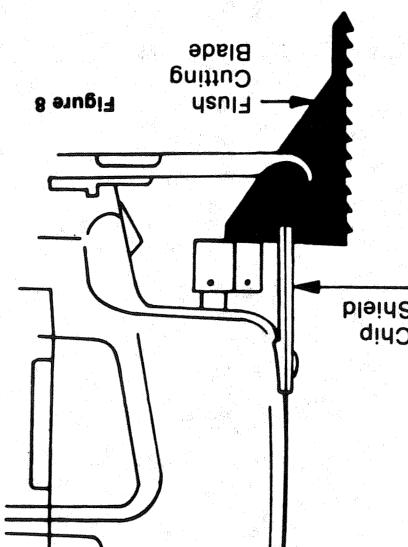


Figure 6



(Figures 6 & 7)



The accessories listed in this manual are available at extra cost from your local dealer or Black & Decker Service Center. A complete listing of service centers is included on the owner's registration card packed with your tool.

If you need assistance in locating any accessory, please contact: Black & Decker (U.S.) Inc., User Services Dept., U.S. Power Tools Group, P.O. Box 857, 10 North Park Drive, Hunt Valley, MD 21030-0857.

**CAUTION:** Recommended saw blades and accessories for your saw are listed in this manual. The use of any other accessory or attachment might be hazardous.

Materiel to be Cut	Type of Cut	Speed of Cut	Per inch	Blade Length
Wood Cutting—Fine	Soft wood	Rough	Fastest	7 3"
Wood Cutting—Coarse	Soft wood	Rough	Medium	10 3"
Hollow Ground	Hard wood under $\frac{1}{4}$ " thick	Smooth	Medium	10 3"
Hollow Ground	Soft and hard wood Plywood, laminated	Smooth	Medium	10 4 $\frac{1}{4}$ "
Hollow Ground	Soft and hard wood Plywood	Smooth	Medium	6 4 $\frac{1}{4}$ "
Hollow Ground	Soft and hard wood Hollow	Smooth	Medium	6 4 $\frac{1}{4}$ "
Hollow Ground	Soft and hard wood Plastic	Smooth	Medium	10 4 $\frac{1}{4}$ "
Hollow Ground	Soft and hard wood Plywood and veneers	Smooth	Medium	10 3"
Hollow Ground	Hollow	Smooth	Medium	7 3"
Hollow Ground	Plywood	Smooth	Medium	7 3"
Hollow Ground	Plywood	Smooth	Fast	9 3 $\frac{1}{4}$ "
Plaster Cutting	Plaster, Plastic	Rough	Fast	6 4"
Fleam Ground	Green or wet wood	Coarse	Fast	10 2 $\frac{1}{4}$ "
Fleam Ground	Green or wet wood	Smooth	Medium	10 4"
Scroll Cut	Soft and hard wood Plywood, Plastic	Fine	Medium	10 3 $\frac{1}{4}$ "
Metal Cutting	Ferrous and non- ferrous metals	Smooth	Medium	18 3"
Metal Cutting	Ferrous (iron) metals	Fine	Slow	24 3"
Metal Cutting	Ferrous (iron) metals	Fine	Slow	32 3"
Knife Blade	Leather, rubber composition tile	Smooth	Fast	3" Edge
Skip Teeth	Plywood, plastics	Medium	Fast	5 3"
2-Way Cutting	Most wood and fiber building materials	Rough	Fast	7 3 $\frac{1}{2}$ "
Fusih Cutting	Soft and hard wood over $\frac{1}{4}$ " thick	Rough	Fast	7 3 $\frac{1}{2}$ "
Wood Cutting—Coarse	Wood, plastics up to $\frac{1}{4}$ " thick	Rough	Fast	3 6..
Wood Cutting—Medium	Wood up to $\frac{1}{4}$ " thick	Medium	Medium	7 6..

## JIG SAW BLADES

When circle cutting, that distance from bar is desired radius (use hole which line blade). Place saw so is over centre of cut pocket cut, drill hole inward from edge of titoned, drive a small cross bar. Using rip begin cutting circle.

Penclil line are easily done with the Rip Fence and Circle Guide. Use the nut and screw supplied with your saw. Position the nut as shown in Figure 12 and thread the screw into it just enough to hold the nut loosely in position. Pull up on the screw and slide the Rip Fence under the nut from either side of the Saw. Set the cross bar at desired distance from blade and tighten screw. Pull rippling, the cross bar should be down as shown. For circle cutting, the cross bar is as shown.

RIP & CIRCLE CUTTING

Figure 13

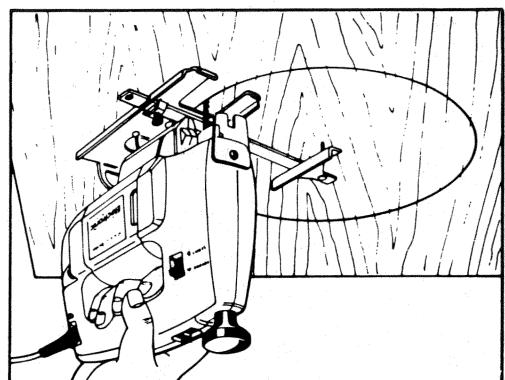
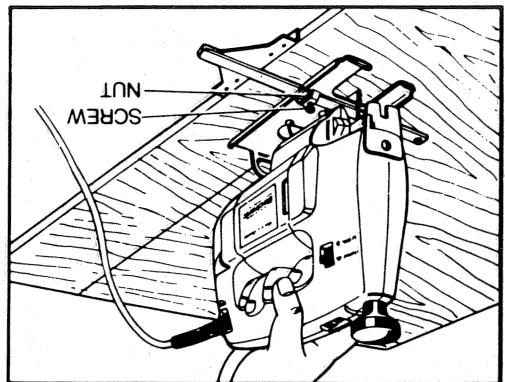


Figure 12





To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment ONLY IDENTICAL REPLACEMENT PARTS BE USED and that REASSEMBLY OF TOOL IS IDENTICAL TO THE ORIGINAL ASSEMBLY.

## IMPORTANT

After every 5 hours of actual running time, place 7 to 10 drops of machine oil in the oil hole located in the side of the tool near the front. In the unlikely event that this tool should ever require service, take or send it to your local Black & Decker Service Center or authorized repair facility.

## LUBRICATION

Use only mild soap and a damp cloth to clean the tool. Other cleaners contain chemicals which could seriously damage the plastic. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

## CLEANING

