

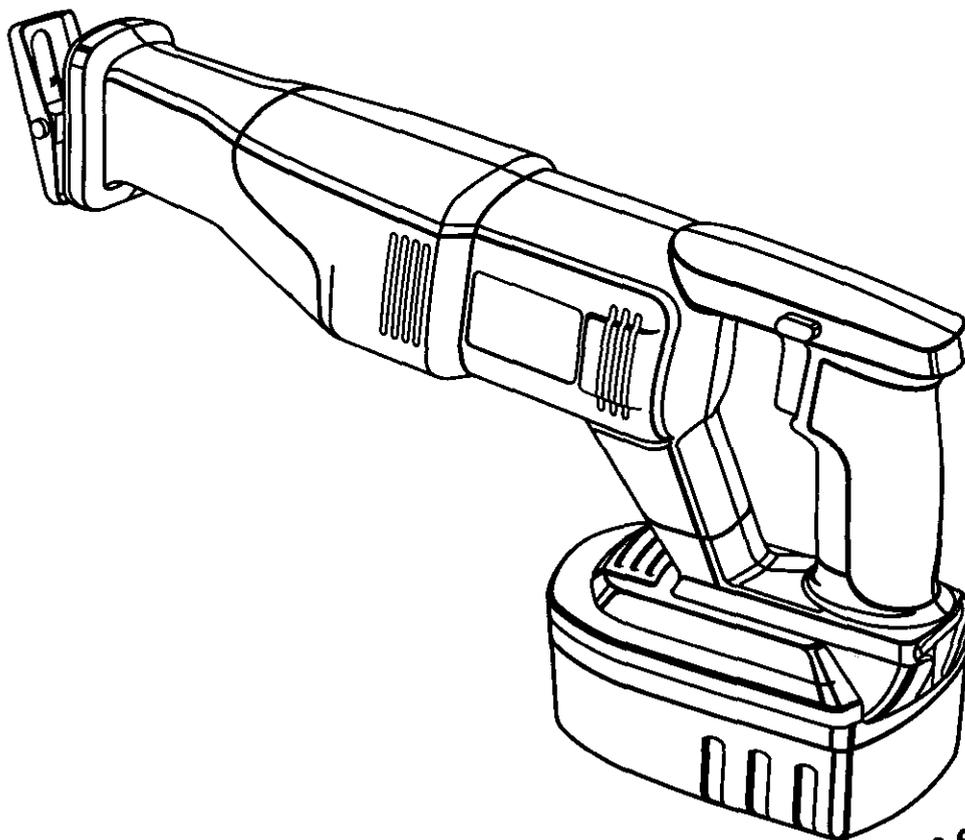
# Owner's Manual

# CRAFTSMAN®

## PROFESSIONAL

## Variable Speed / 1-3/16 in. Stroke **PROFESSIONAL CORDLESS RECIPROCATING SAW**

Model No.  
315.271290



Save this manual for  
future reference

**⚠ CAUTION:** Read and follow  
all Safety Rules and Operating  
Instructions before first use of  
this product.

Customer Help Line: 1-800-932-3188

Sears, Roebuck and Co., Hoffman Estates, IL 60179 USA  
Visit the Craftsman web page: [www.sears.com/craftsman](http://www.sears.com/craftsman)

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- Safety
- Features
- Assembly
- Operation
- Maintenance
- Parts List



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## GENERAL SAFETY RULES



### **WARNING: Read and follow all instructions.**

Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

### **SAVE THESE INSTRUCTIONS**

#### **Work Area**

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accident.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** Power tools may create sparks which may ignite the dust or fumes.
- **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

#### **Electrical Safety**

- **Do not abuse the cord. Never use the cord to carry the charger. Keep cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately.** Damaged cords may create a fire.
- **A battery operated tool with integral batteries or a separate battery pack must be charged only with the specified charger for the battery.** A charger that may be suitable for one type of battery may create a risk of fire when used with another battery. Use battery only with charger listed.

<b>MODEL</b>	<b>BATTERY PACK</b>	<b>CHARGER</b>
315.271290	Item No. 9-11034 (981404-001)	Item No. 9-11040 (981399-001)

- **Use battery operated tool only with specified designated battery pack.** Use of any other batteries may create a risk of fire. Use only with battery pack listed.

#### **Personal Safety**

- **Stay alert, watch what you are doing and use common sense when operating a power tool. 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.
- **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
- **Avoid accidental starting. Be sure switch is in the locked or off position before inserting battery pack.** Carrying tools with your finger on the switch or inserting the battery pack into a tool with the switch on, invites accidents.
- **Remove adjusting keys or wrenches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enable better control of the tool in unexpected situations.
- **Use safety equipment. Always wear eye protection.** Dust mask, nonskid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

## GENERAL SAFETY RULES

### Tool Use and Care

- **Use clamps or other practical way 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.
- **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
- **Do not use tool if switch does not turn it on and off.** A tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect battery pack from tool before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.
- **Store idle tools out of the reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
- **When battery pack is not in use, keep it away from other metal objects like: paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause sparks, burns, or a fire.
- **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.
- **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.
- **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool, may create a risk of injury when used on another tool.

### Service

- **Tool service must be performed by a qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury.
- **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 shock or injury.

## SPECIFIC SAFETY RULES AND/OR SYMBOLS

Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

### Additional Rules For Safe Operation

- **Know your power tool. Read operator's manual carefully. Learn its 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.
- **Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. A wire gage size (A.W.G.) of at least 16 is recommended for an extension cord 100 feet or less in length. A cord exceeding 100 feet is not recommended. If in doubt, use the next heavier gage. The smaller the gage number, the heavier the cord. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating.**
- **Do not place battery tools or their batteries near fire or heat. They may explode.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not charge battery tool in a damp or wet location.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Your battery tool should be charged in a location where the temperature is more than 50°F but less than 100°F.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.** Following this rule will reduce the risk of serious personal injury.

### Important Rules For Battery Tools

- **Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories.**

## SPECIFIC SAFETY RULES AND/OR SYMBOLS

### Important Safety Instructions For Charger

- **Save these instructions. This manual contains important safety and operating instructions for battery charger item number 9-11040 (981399-001).** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Before using battery charger, read all instructions and cautionary markings in this manual, on battery charger, and product using battery charger.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **To reduce the risk of injury, charge only nickel-cadmium and nickel metal hydride type rechargeable batteries. Other types of batteries may burst causing personal injury and damage.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not expose charger to rain or snow.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **To reduce the risk of damage to charger body and cord, pull by charger plug rather than cord when disconnecting charger.** Following this rule will reduce the risk of serious personal injury.
- **Make sure cord is located to that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.** Following this rule will reduce the risk of serious personal injury.
- **An extension cord should not be used unless absolutely necessary.** Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure:
  - a. That pins on plug of extension cord are the same number, size and shape as those of plug on charger.
  - b. That extension cord is properly wired and in good electrical condition; and
  - c. That wire size is large enough for AC ampere rating of charger as specified below:

Cord Length (Feet)	25'	50'	100'
Cord Size (AWG)	16	16	16

**Note:** AWG = American Wire Gage
- **Do not operate charger with a damaged cord or plug. If damaged, have replaced immediately by a qualified serviceman.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceman.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not disassemble charger; take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **To reduce the risk of electric shock, unplug charger from outlet before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Do not use charger outdoors.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- **Disconnect charger from power supply when not in use.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.
- ⚠ **DANGER: RISK OF ELECTRIC SHOCK. DO NOT TOUCH UNINSULATED PORTION OF OUTPUT CONNECTOR OR UNINSULATED BATTERY TERMINAL.**
- **Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also.** Following this rule will reduce the risk of electric shock, fire, or serious personal injury.

## SYMBOLS

SYMBOL	NAME	DESIGNATION/EXPLANATION
V	Volts	Voltage
A	Amperes	Current
Hz	Hertz	Frequency (cycles per second)
min	Minutes	Time
~	Alternating Current	Type or a characteristic of current
==	Direct Current	Type or a characteristic of current
$n_0$	No Load Speed	Rotational speed, at no load
.../min	Revolutions or Reciprocation Per Minute	Revolutions, strokes, surface speed, orbits etc. per minute
	Safety Alert Symbol	Indicates danger, warning or caution. It means attention!!! Your safety is involved.

## FEATURES

### DEFINITIONS

- A) **DANGER:** Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.
- B) **WARNING:** Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.
- C) **CAUTION:** Failure to obey a safety warning may result in property damage or personal injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.
- D) **NOTE:** Advises you of information or instructions vital to the operation or maintenance of the equipment.

# FEATURES

## KNOW YOUR RECIPROCATING SAW

See Figure 1.

Before attempting to use your reciprocating saw, familiarize yourself with all operating features and safety requirements.

**⚠ WARNING:** Carefully read through this entire owner's manual before using your new reciprocating saw. Pay close attention to the Rules For Safe Operation, Warnings and Cautions. If you use your reciprocating saw properly and only for what it is intended, you will enjoy years of safe, reliable service.

Your reciprocating saw has been shipped completely assembled except for the blade. Inspect it carefully to make sure no breakage or damage has occurred during shipping. If any parts are damaged or missing, contact your nearest Sears Retail Store to obtain replacement parts before attempting to operate saw. Two blades, blade wrench (5 mm hex key) and this owner's manual are also included.

**⚠ WARNING:** Do not allow familiarity with your saw to make you careless. Remember that a careless fraction of a second is sufficient to inflict severe injury.

## BLADE WRENCH HOLDER

A blade wrench (5 mm hex key) is packed with your saw. A convenient feature on your saw is the wrench holder. This is a slot located on the bottom portion of the saw handle. It is convenient for storing the wrench when it is not being used.

## LOCK-OFF BUTTON

Your saw is equipped with a "lock-off" button which reduces the possibility of accidental starting. The lock-off button is located on the handle above the switch trigger. You must depress the lock-off button in order to pull the switch trigger. The lock resets each time the trigger is released. **Note:** You can depress the lock-off button from either the left or right side.

## SWITCH

To turn your saw **ON**, depress the lock-off button and pull switch trigger. Release switch trigger to turn your saw **OFF**.

## VARIABLE SPEED

This tool has a variable speed switch that delivers higher speed with increased trigger pressure. Speed is controlled by the amount of switch trigger depression.

## APPLICATIONS

(Use only for the purposes listed below)

- Cutting all types of wood products (lumber, plywood, paneling, composition board, and hard wood).
- Cutting masonite and plastic.
- Cutting drywall.
- Cutting metals such as sheet steel, pipe, steel rods, aluminum, brass, and copper.

**⚠ WARNING:** If any parts are missing, do not operate your saw until the missing parts are replaced. Failure to do so could result in possible serious personal injury.

## PRODUCT SPECIFICATIONS

<b>RECIPROCATING SAW</b>	<b>315.271290</b>
Blade Stroke	1-3/16 in.
Motor	18 Volt DC
No Load Speed	0-2500 SPM
Switch	Variable Speed
Shank Capacity	1/2 in.
<b>CHARGER</b>	<b>ITEM NO. 9-11040 (981399-001)</b>
Input	120 Volts, 60 Hz, AC only
Charger Voltage	9.6 - 24 Volt
Charger Rate	1 Hour
<b>BATTERY PACK</b>	<b>ITEM NO. 9-11034 (981404-001)</b>

**FEATURES**

DEPRESS HERE TO  
PULL SWITCH TRIGGER

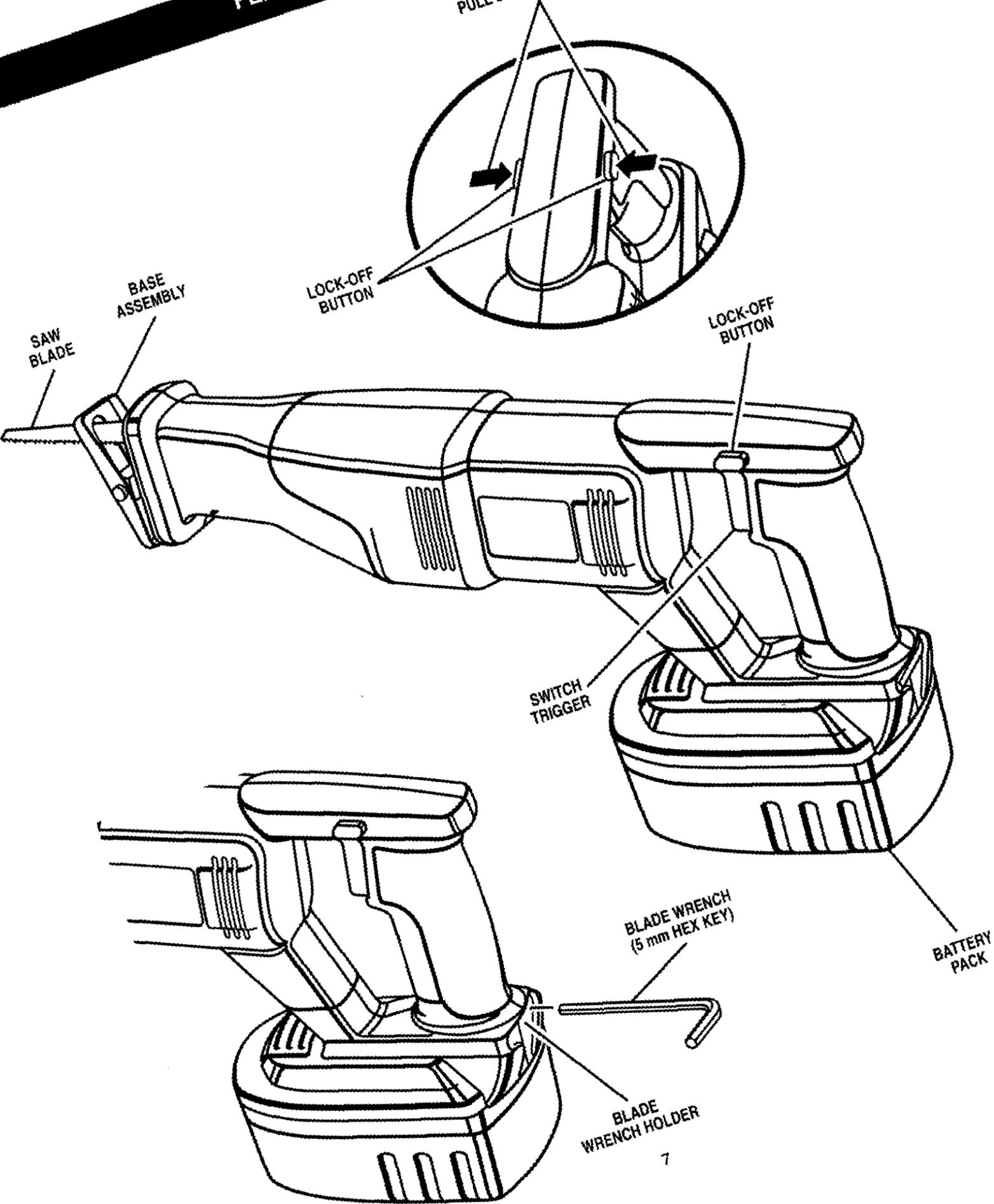
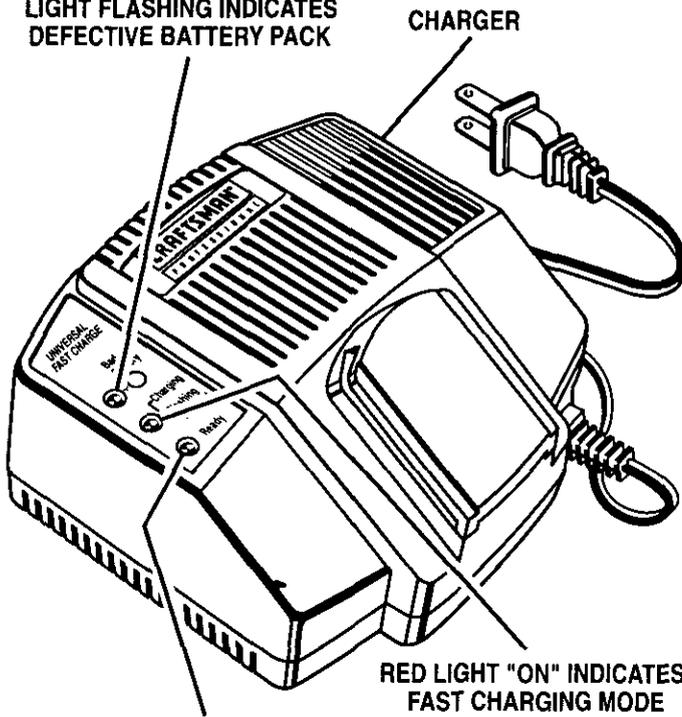


Fig. 1

# FEATURES

## LED FUNCTION OF CHARGER

YELLOW LIGHT "ON" AND RED LIGHT FLASHING INDICATES DEFECTIVE BATTERY PACK



GREEN LIGHT "ON" INDICATES FULLY CHARGED AND SLOW CHARGING TO MAINTAIN BATTERY PACK

Fig. 2

## MOUNTING CHARGER

See Figure 4.

Your charger has a "key hole" hanging feature for convenient, space saving storage. If desired, you can mount your charger to a wall. Screws should be installed so that center distances are 4-1/8 inches apart.

## BATTERY PACK SHOWN ATTACHED TO CHARGER

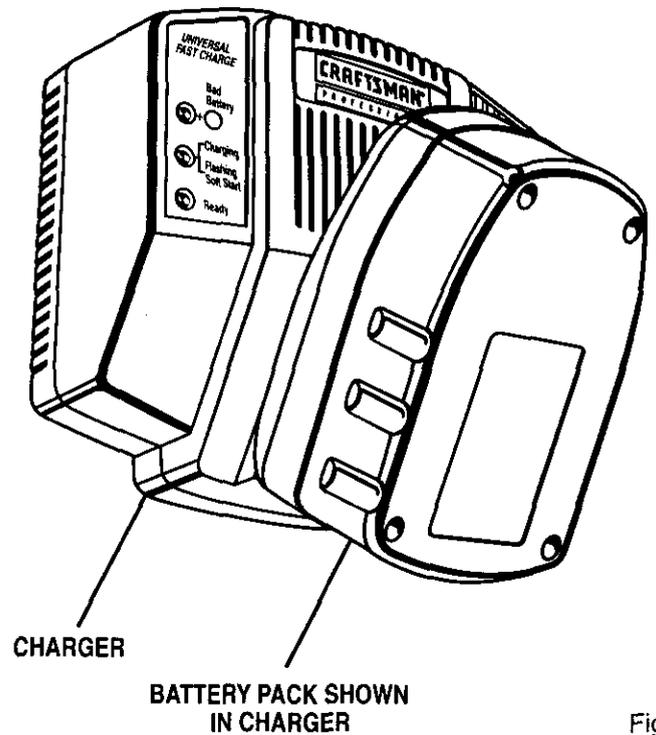


Fig. 3

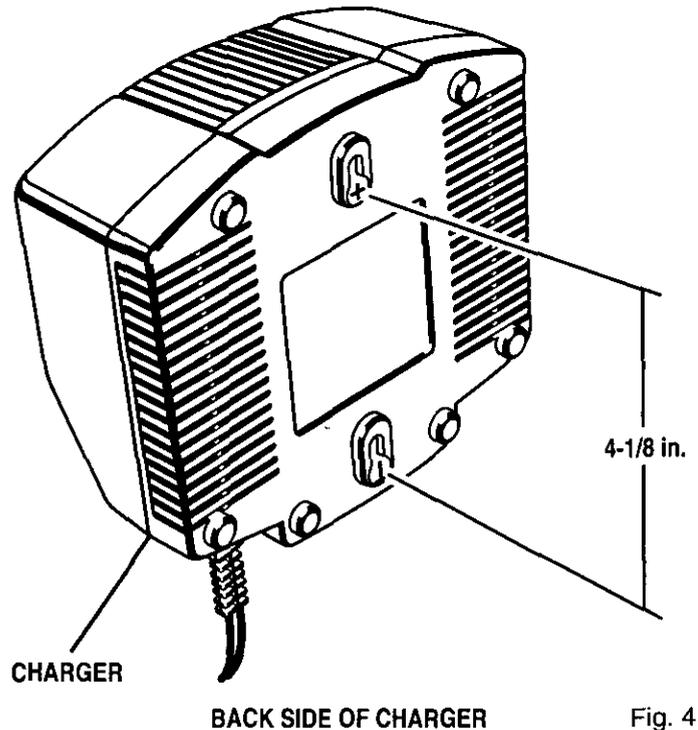


Fig. 4

# ASSEMBLY

**Note:** When saw is purchased, the battery pack is attached to the saw.

**⚠ WARNING:** Always remove battery pack from your saw when you are assembling parts, making adjustments, assembling or removing blades, cleaning, or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury.

## TO REMOVE / ATTACH BATTERY PACK

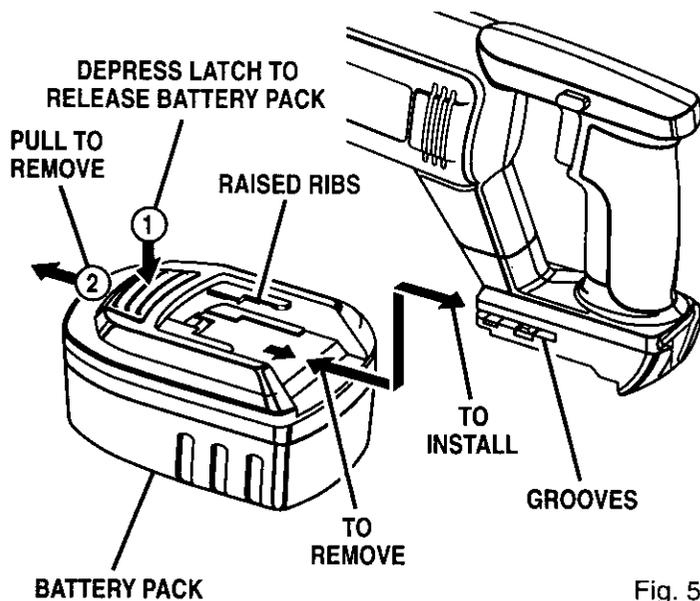
See Figure 5.

### TO REMOVE:

- Depress latch located on front of battery pack (1) to release battery pack.
- Pull on battery pack (2) to remove from saw.

### TO ATTACH:

- Align raised ribs on battery pack with grooves on bottom of saw, then attach battery pack to saw as shown in figure 5.
- Make sure the latch on battery pack snaps in place and battery pack is secured to saw before beginning operation.



## TO INSTALL SAW BLADE

See Figure 6.

- Remove battery pack. See Figure 5.

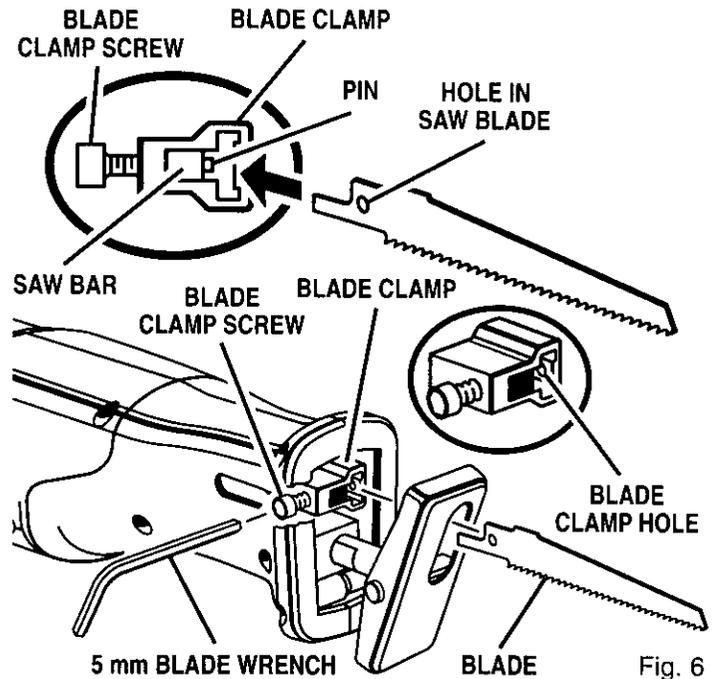
**⚠ WARNING:** Failure to remove battery pack from saw could result in accidental starting causing possible serious personal injury.

- Remove the 5 mm blade wrench provided with your saw from wrench holder. **Note:** Wrench holder is located in bottom portion of saw handle. See Figure 1.

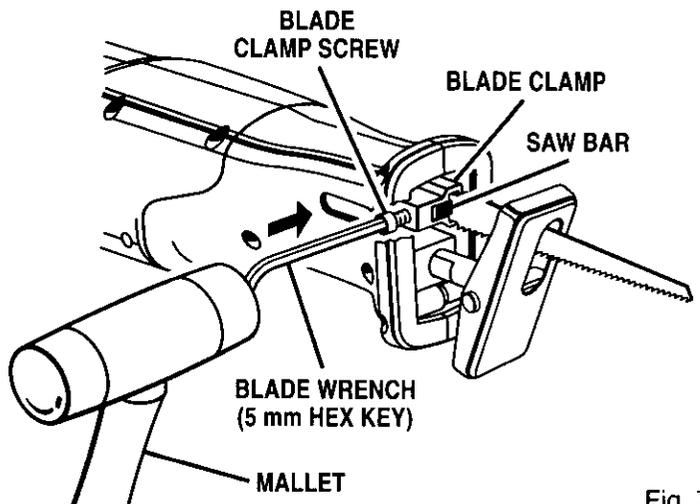
- Loosen the blade clamp screw enough to permit the saw blade to be inserted between blade clamp and saw bar.

**Note:** It is never necessary to remove the blade clamp screw from the blade clamp when installing or removing blade.

- Align the hole in the shank of the blade and blade clamp with the pin in the saw bar, then seat both on the pin in the saw bar.
- Tighten blade clamp screw securely.
- Remove blade wrench and store it in wrench holder.
- Replace battery pack.



**Note:** There may be times when the blade clamp sticks to the saw bar and will not loosen enough to allow blades to be installed or removed. If this happens, loosen the blade clamp screw with the blade wrench, then tap lightly on the end of the blade wrench with a mallet. See Figure 7.



## OPERATION

**⚠ WARNING:** Always wear safety goggles or safety glasses with side shields when operating tools. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

### CHARGING BATTERY PACK

The battery pack for this tool has been shipped in a low charge condition to prevent possible problems. Therefore, you should charge it until light on front of charger changes from red to green.

**Note:** Batteries will not reach full charge the first time they are charged. Allow several cycles (cutting followed by recharging) for them to become fully charged.

### TO CHARGE

- Charge battery pack only with the charger provided.
- **Make sure power supply is normal house voltage, 120 volts, 60 Hz, AC only.**
- Connect charger to power supply.
- Attach battery pack to charger by aligning raised ribs on battery pack with grooves in charger, then slide battery back onto charger. See Figure 8.

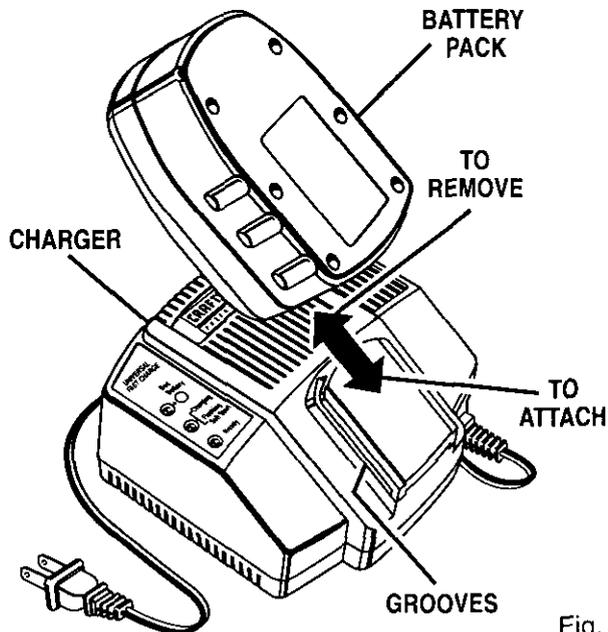


Fig. 8

- Red light should turn on. Red light indicates fast charging mode.  
If red light is flashing, this indicates battery pack is deeply discharged or hot.  
If battery pack is hot, red light should become steady after battery pack has cooled down.  
If battery pack is deeply discharged, red light should become steady after voltage has increased, normally within 60 minutes.

If after one hour red light is still flashing, this indicates a defective battery pack and should be replaced.  
Green light on indicates battery pack is fully charged and slow charging to maintain battery pack.

Yellow light on and red light flashing indicates defective battery pack. Return battery pack to your nearest Sears Repair Center for checking or replacing.

- When your battery pack becomes fully charged, the red light will turn **OFF** and the green light will turn **ON**.
- After normal usage, 1 hour of charging time is required to be fully charged. A minimum charge time of 1-1/2 hours is required to recharge a completely discharged battery pack.
- The battery pack will become slightly warm to the touch while charging. This is normal and does not indicate a problem.
- Do not place charger in an area of extreme heat or cold. It will work best at normal room temperature.
- When the batteries become fully charged, unplug your charger from power supply and remove the battery pack.

### LED FUNCTION OF CHARGER

#### LED WILL BE LIGHTED TO INDICATE STATUS OF CHARGER AND BATTERY PACK:

- Red LED Lighted = Fast Charging Mode.
- Green LED Lighted = Fully Charged And Slow Charging To Maintain Battery Pack.
- Red LED Flashing = Hot Or Deeply Discharged Battery Pack. Also Defective Battery Pack After 1 Hour.
- Yellow LED Lighted and Red LED Flashing = Defective Battery Pack.

### IMPORTANT INFORMATION FOR RECHARGING HOT BATTERIES

Under extreme continuous use, the batteries in your battery pack will become hot. You should let a hot battery pack cool down for approximately 1 hour before attempting to recharge. When the battery pack becomes discharged and is hot, this will cause the red light on your battery charger to flash. When battery pack cools down, red light will glow continuously indicating fast charging mode, 1 hour charge time. Once the battery pack cools down, it will recharge battery pack in fast charging mode as normal.

**Note:** This situation only occurs when extreme continuous use of your saw causes the batteries to become hot. **It does not occur under normal circumstances.** Refer to "CHARGING BATTERY PACK" for normal recharging of batteries. If the charger does not charge your battery pack under normal circumstances, return **both** the battery pack and charger to your nearest Sears repair center for electrical check.

# OPERATION

## BASE (SHOE) ASSEMBLY

See Figure 9.

The base assembly of your reciprocating saw pivots up and down in both directions. It also is adjustable, allowing the use of the blade teeth at different positions on the blade.

### TO CHANGE POSITIONS OF BASE ASSEMBLY:

- Remove battery pack. See Figure 3.

**⚠ WARNING:** Failure to remove battery pack from saw could result in accidental starting causing possible serious personal injury.

- Loosen the set screw in the gear frame with the blade wrench provided with this saw. See Figure 9.
- Reposition base assembly to desired position.
- Retighten set screw securely. **Do not** overtighten screw or use an aid with blade wrench.
- Remove blade wrench and store it in wrench holder.

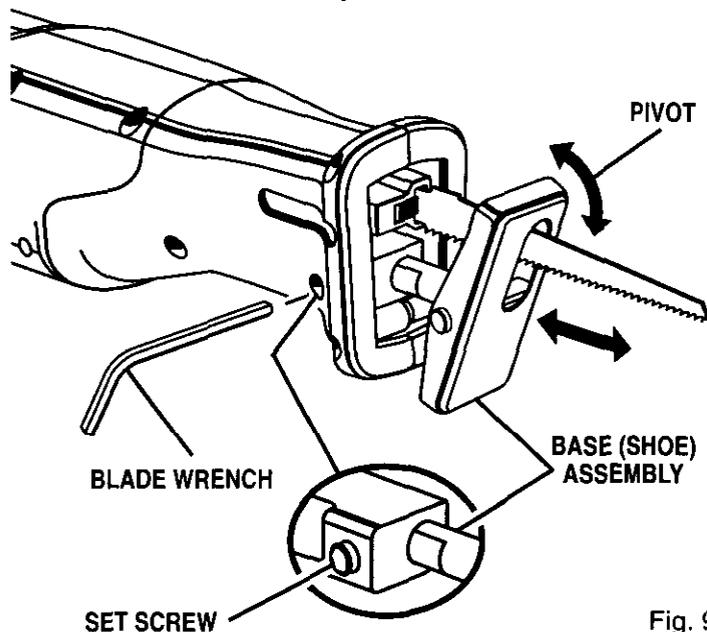


Fig. 9

## GENERAL CUTTING

See Figure 10.

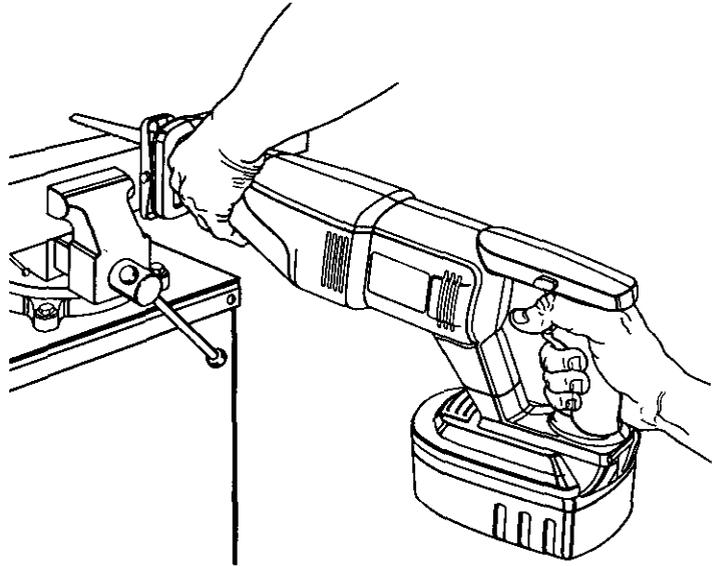


Fig. 10

Hold your saw firmly in front of and clearly away from you. Make sure saw blade is clear of any foreign material. Be sure material to be cut is held firmly. Small work pieces should be securely clamped in a vise or with clamps to the work bench or table. Mark the line of cut clearly. Depress the lock-off button, then pull switch trigger to start the cutting action. Place the base assembly against the work, then move the blade into the work. **Do not force.** Use only enough pressure to keep the saw cutting. Let the blade and saw do the work. Use of excessive pressure that causes bending or twisting of the blade may result in broken blades.

# OPERATION

## PLUNGE CUTTING

See Figure 11.

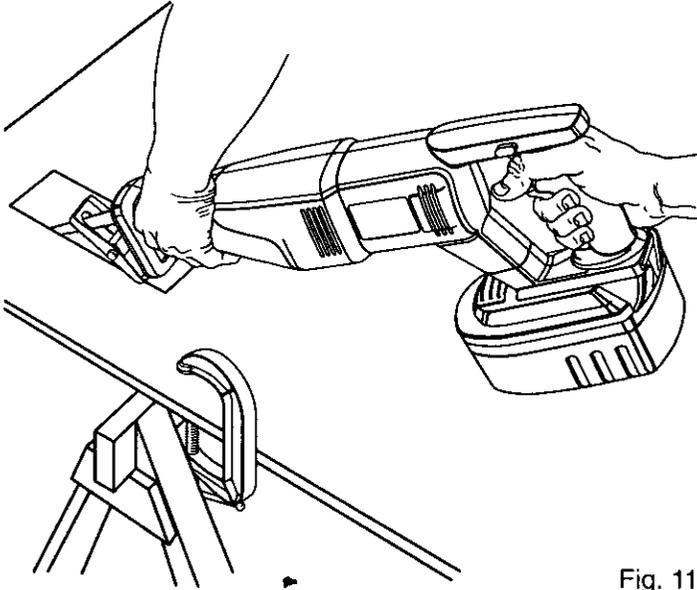


Fig. 11

Mark the line of cut clearly. Choose a convenient starting point inside the area to be cut out and place the tip of the blade over that point. Rest front edge of base assembly on work and hold firmly in position. Depress the lock-off button, then pull switch trigger to start the cutting action.

**⚠ WARNING:** Make sure blade does not touch work until motor reaches full speed, since this could cause loss of control resulting in serious injury.

With saw blade at full cutting speed, slowly tilt saw downward until tip of blade starts cutting work. After blade penetrates work, tilt saw until blade is perpendicular to the work.

## METAL CUTTING

See Figure 12.

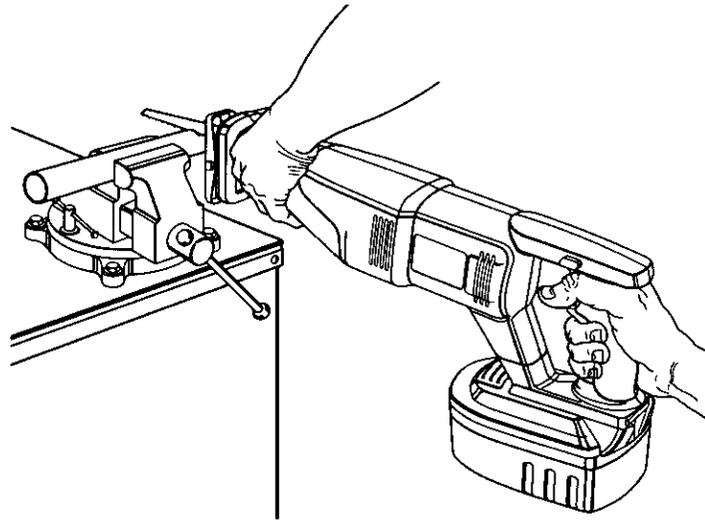


Fig. 12

Metals such as sheet steel, pipe, steel rods, aluminum, brass, and copper may be cut with your saw. Be careful not to twist or bend the saw blade. **Do not force.** We recommend cutting oil when cutting most soft metals and steel. Cutting oil will also keep blades cool, increase cutting action, and prolong blade life.

**Never** use gasoline since normal sparking of motor could ignite fumes. Clamp the work firmly and cut close to the clamping point to eliminate any vibration of the work being cut. When cutting conduit pipe or angle iron, clamp work in a vise if possible and cut close to the vise. To cut thin sheet material, "sandwich" the material between hardboard or plywood and clamp the layers to eliminate vibration and material tearing.

## MAINTENANCE

**⚠ WARNING:** When servicing use only identical Craftsman replacement parts. Use of any other parts may create a hazard or cause product damage.

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.

**⚠ WARNING:** Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. come in contact with plastic parts. They contain chemicals that can damage, weaken, or destroy plastic.

Do not abuse power tools. Abusive practices can damage tool as well as workpiece.

Only the parts shown on parts list, page 15, are intended to be repaired or replaced by the customer. All other parts should be replaced by a qualified service technician at an authorized service facility.

**⚠ WARNING:** Do not attempt to modify this tool or create accessories not recommended for use with this tool. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

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## BATTERIES

Your saw's battery pack is equipped with 15 nickel-cadmium rechargeable batteries. Length of service from each charging will depend on the type of work you are doing.

The batteries in this tool have been designed to provide maximum trouble free life. However, like all batteries, they will eventually wear out. **Do not** disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewelry, could result in a serious burn.

To obtain the longest possible battery life, we suggest the following:

- Store and charge your batteries in a cool area. Temperatures above normal room temperature will shorten battery life.
- Never store batteries in a discharged condition. Recharge them immediately after they are discharged.
- All batteries gradually lose their charge. The higher the temperature the quicker they lose their charge. If you store your tool for long periods of time without using it, recharge the batteries every month or two. This practice will prolong battery life.



To preserve natural resources, please recycle or dispose of batteries properly.

This product contains nickel-cadmium batteries. Local, state or federal laws may prohibit disposal of nickel-cadmium batteries in ordinary trash.

Consult your local waste authority for information regarding available recycling and/or disposal options.

## BATTERY PACK REMOVAL AND PREPARATION FOR RECYCLING

**⚠ WARNING:** Upon removal, cover the battery pack's terminals with heavy duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Nickel-cadmium batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

## ACCESSORIES

The following recommended accessories are currently available at Sears Retail Stores.

BLADE TYPES	LENGTH IN.	TEETH PER IN.
For fast smooth cuts in woods, masonite, plastics, hard composition board and all plunge cutting. Keyhole blade shape permits cutting in hard to reach areas.	6	6
For fast, smooth, deep cuts through thick wood, plastic, composition board, and hardboard.	12	6
For rough cuts in wood.	12	6
High speed steel blade for cutting ferrous metals less than 1/8 in. thick and for cutting tubing or pipe with a 1/8 in. thick wall section or less.	4	24

 **WARNING:** The use of attachments or accessories not listed above might be hazardous.

### BLADE SELECTION

To obtain the best performance from your saw it is important to select a specific blade for the particular application and type of material you wish to cut. By doing this you will get a smoother faster cut and prolong blade life. Replacement blades for this saw are available from your nearest Sears Retail Store.

 **WARNING:**



The operation of any power tool 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 shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields, available at Sears Retail Stores.

### WARRANTY

#### FULL ONE YEAR WARRANTY ON **CRAFTSMAN** PROFESSIONAL CORDLESS RECIPROCATING SAW

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

**WARRANTY SERVICE IS AVAILABLE BY SIMPLY RETURNING THE TOOL TO THE NEAREST SEARS STORE OR SEARS SERVICE CENTER IN THE UNITED STATES.**

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

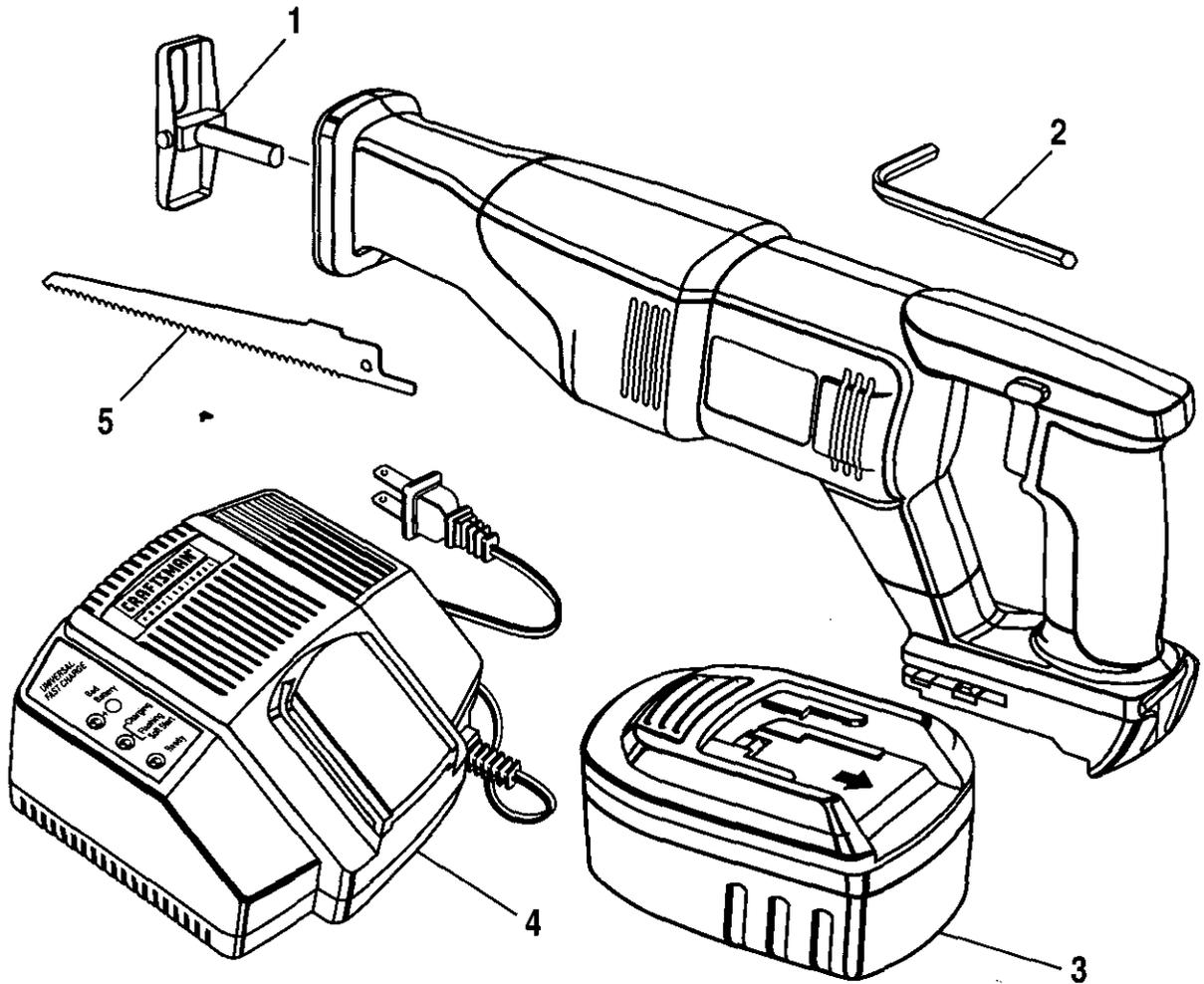
Sears, Roebuck and Co., Dept. 817WA, Hoffman Estates, IL 60179

## SAVE THESE INSTRUCTIONS

**CRAFTSMAN PROFESSIONAL CORDLESS RECIPROCATING SAW  
MODEL NUMBER 315.271290**

The model number will be found on a plate attached to the motor housing. Always mention the model number in all correspondence regarding your **PROFESSIONAL CORDLESS RECIPROCATING SAW** or when ordering repair parts.

**SEE BACK PAGE FOR PARTS ORDERING INSTRUCTIONS**



**PARTS LIST**

Key No.	Part Number	Description	Quan.
1	981341-000	Base Assembly (Shoe) .....	1
2	981342-000	Blade Wrench (5 mm Hex Key) .....	1
3	* Item No. 9-11034	Battery Pack (981404-001) .....	1
4	* Item No. 9-11040	Charger (981399-001) .....	1
5	981343-000	Saw Blade Pack .....	1
6	982042-001	Carrying Case - Not Shown .....	1
	972000-766	Owner's Manual	

\* Can Be Purchased Thru RSOS (Retail Special Order System)

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no matter who made it, no matter who sold it!

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[www.sears.com](http://www.sears.com)

To bring in products such as vacuums, lawn equipment and electronics  
for repair, call for the location of your nearest **Sears Parts & Repair Center.**

**1-800-488-1222** Anytime, day or night

[www.sears.com](http://www.sears.com)

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[www.sears.com/partsdirect](http://www.sears.com/partsdirect)

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7 a.m. – 5 p.m. CST, Mon. – Sat.

Para pedir servicio de reparación a domicilio,  
y para ordenar piezas con entrega a domicilio:

**1-888-SU-HOGAR**<sup>SM</sup>  
(1-888-784-6427)

Au Canada pour service en français:

**1-877-LE-FOYER**<sup>SM</sup>  
(1-877-533-6937)

