

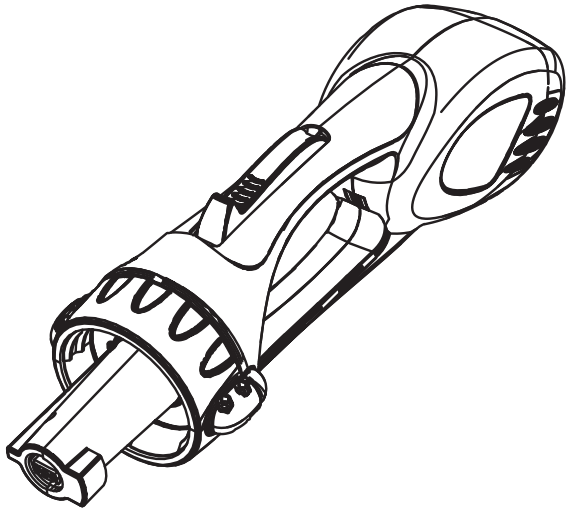
# Operator's Manual

# CRAFTSMAN®

## ***Convertible Cordless 18V Power Handle***

Model No. 71.74291

**BEFORE** returning this product, first call:  
**(800) 539-6455**



### **IMPORTANT OPERATING HINT:**

When starting unit, first push the thumb switch forward and then squeeze the control trigger. It is NOT necessary to keep the thumb switch pushed forward during use.

### **CAUTION:**

Before using this product, read this manual and follow all its Safety Rules and Operating Instructions.

- Safety
- Assembly
- Operation
- Maintenance
- Español
- Français

Sears, Roebuck and Co., Hoffman Estates, IL 60179, U.S.A.

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

rev. 040908

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## WARRANTY

### Craftsman One Year Full Warranty

If this Craftsman product fails due to manufacturer's defects within one year from the date of purchase, return it to any Sears store or other Craftsman outlet in the United States for free replacement.

This warranty applies for only 90 days if this product is ever used for commercial or rental purposes.

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

## READ ALL INSTRUCTIONS

### SAFETY INSTRUCTIONS

**WARNING:** Some dust created by using power tools contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

### WARNING TO CALIFORNIA

**RESIDENTS:** Handling the cord on this units (or cords with accessories sold for this product) will expose you to lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm.

Please wash hands after handling the cord.

### CRAFTSMAN CONVERTIBLE CORDLESS 18V TOOL SYSTEM

This product is for use only with the Craftsman Convertible Cordless 18V Tool System. Do not use the tool attachments with any other system or power source, and do not use any tool attachment on the power handle that is not intended for use with this system.

**WARNING:** When using this tool, basic safety precautions should

always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

To reduce risk of injury:

Before any use, be sure everyone using this electric product reads and understands all safety and operation instructions contained in this manual.

Save these instructions and review frequently prior to use. Store in wall charger slot.

**AVOID DANGEROUS ENVIRONMENTS** and weather conditions when using this tool.

**KEEP CHILDREN AWAY** - All visitors should be kept at a safe distance from work area.

**STORE IDLE UNIT INDOORS** - When not in use, the unit should be stored indoors in a dry location – out of reach of children.

**DON'T FORCE THE TOOL** - It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.

**USE RIGHT TOOL** - Do not use the tool for any job except that for which it is intended.

**WARNING: KEEP HANDS AND ALL BODY PARTS AWAY** from the blades. The blade edges are sharp and can cause injury even when the tool is OFF.

**DRESS PROPERLY** - Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of gloves and substantial footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.

**DON'T OVERREACH** - Maintain proper footing and balance at all times. Use both hands to operate unit safely.

**USE SAFETY GLASSES** - Always

wear proper eye protection, and use a face or dust mask if operation is dusty.

**MAINTAIN UNIT WITH CARE** - Keep the unit clean for best performance and to reduce the risk of injury. Follow instructions for service. Keep handles dry, clean, and free from oil and grease.

**UNINTENTIONAL STARTING** - Don't carry any tool while holding the switch area. The unit is shipped partly charged, and may start inadvertently if not handled properly.

**CHECK DAMAGED PARTS** - If any component of the system experiences a hard impact, check that no parts were damaged and verify that the unit operates properly. Check for misalignment or bending of moving parts, breakage of parts, and any other condition that may affect operation. A part that is damaged should be properly repaired or replaced by an authorized service center.

**STAY ALERT** - Watch what you are doing. Use common sense. Do not operate the tool when you are tired.

**DON'T GRASP THE EXPOSED CUTTING BLADES** of the hedge trimmer or pole saw when picking up or holding the unit. Do not attempt to remove cut material nor hold material to be cut when blades are moving. Make sure the unit's switch is off and the battery pack is removed before clearing jammed material from blades.

**DON'T GRASP MOVING LINE** of the line trimmer. Do not attempt to remove cut material or hold material to be cut when the line is moving. Make sure the unit's switch is off and the battery pack is removed before clearing or changing line.

**ATTACH LINE GUARD ON LINE TRIMMER ATTACHMENT** - Before use, attach the line guard correctly.

See instructions on how to attach line guard in the Operation section of the line trimmer manual. Failure to attach the line guard may pose a risk of injury, may cause motor damage and will void the warranty.

**USE A HARDHAT** - Always wear a hardhat when cutting branches overhead with the pole saw to reduce the risk of injury from falling branches.

**READ AND FOLLOW ALL SAFETY WARNING** printed in the various tool attachment manuals.

To reduce risk when handling the battery:

**DO NOT** dispose of the battery in a fire. The cells may explode. Check with local code for possible special disposal instructions.

**DO NOT** open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

**EXERCISE CARE** in handling batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.

To reduce risk when using charger:

**DO NOT** use charger outdoors or in wet conditions; use inside only.

**DO NOT** charge the unit when the temperature is below +40 F or above +120 F. It may lessen the service life of the battery.

This unit and its charger are designed to work together. **DO NOT** charge the battery with any other charger and **DO NOT** use this charger with any other yard tool or battery.

The charger is designed to operate on 120 volts. **DO NOT** attempt to use it at any other voltage.

Store these instructions by folding in

half and sliding into the slot in the back of the wall charging rack.

## SAVE THESE INSTRUCTIONS

### OPERATION

#### CHARGE BATTERY PRIOR TO

**USE** - The battery does not come fully charged when purchased. Before using the unit, the battery must be charged. Before charging the battery, read safety and charging instructions.

**PROPER RUN TIME AND PERFORMANCE** can only be obtained with a fully charged battery.

**CHARGE TIME** - Charging for approximately 1 hour is sufficient to replenish the battery to a full charge. Initial use, long periods of inactivity, or storage at extreme temperatures may require extended charge time.

**WALL CHARGE BRACKET** - Before charging the unit, make sure the charge bracket is securely attached to the wall; attach with screws to a wall stud. The use of wall board anchors is **NOT** recommended.

To Charge Battery:

1. Plug the charger into a 120 Volt AC outlet.
2. Place the Power Handle with battery attached into the wall charge bracket. It is not necessary to remove the tool attachment when charging the battery. (see figure 1)

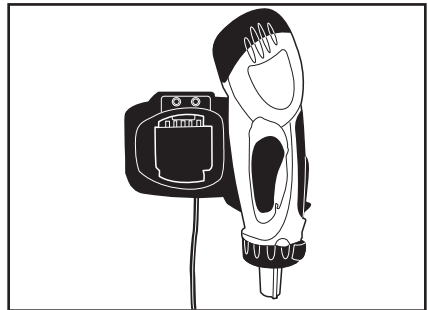


Figure 1

3. Charge for at least 1 hour.
4. The LED will glow red when the battery is charging and green when it is ready to use. If the LED does not illuminate when the handle is placed in the charge rack, check to make sure that there is proper contact between the handle and the charger base.
5. A second charging bay is provided on the charge rack to charge a second battery (not included). To charge a battery in this bay, insert the battery until it locks in place and the LED illuminates. (see figure 2) The LED will glow red when the battery is charging and green when it is ready to use. When charging two batteries (one in the handle and one directly in the charger), the charger will charge whichever battery was inserted first. Then when that battery is fully charged, it will automatically switch and charge the other battery. Each battery will take approximately 1 hour to charge (a total of 2 hours for two batteries).

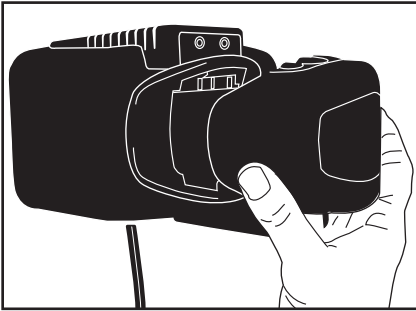


Figure 2

### Charging Notes:

**CAUTION:** The charger can only be used with 60 cycle, 115-120 VAC electricity.

The charger unit plugged into the AC outlet will normally become warm to the touch during charging.

The charger automatically controls

the charge to each battery and shuts off the charge when complete. The batteries can be left in the charger indefinitely and will not over-charge.

Longest life and best performance will be obtained when charging at normal room temperature.

Battery life is dependent on usage, storage temperature and time.

### CONNECTING TOOL ATTACHMENT TO THE POWER HANDLE

Be sure to follow the following safety precautions when attaching and detaching tools from the power handle.

Remove the battery from the handle before attaching or detaching tools.

Never touch the control switches on the power handle when attaching and detaching tools

To attach a tool:

1. Twist the lock ring on the power handle to the unlocked position. (see figure 3)

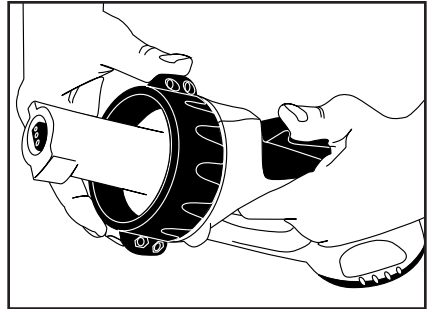


Figure 3

2. Insert the male end of the power handle interface into the female socket in the end of the tool attachment making sure that it is firmly seated. (see figure 4) The interface is keyed so that it will only go together one way. The handle and tool should go together easily. If you experience resistance in putting them together,

check that the keys on the handle are properly aligned with the slots in the tool.

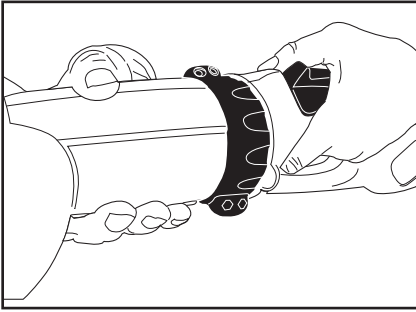


Figure 4

3. Grasp the tool attachment firmly with one hand (note, do not grasp on a rotating part such as the auxiliary handle), and twist the lock ring on the power handle to the locked position with the other hand. (see figure 5)

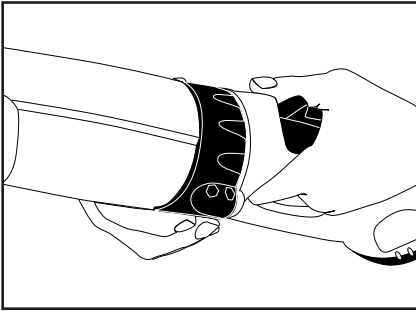


Figure 5

To detach a tool:

1. Grasp the tool attachment firmly with one hand (note, do not grasp on a rotating part such as the auxiliary handle), and twist the lock ring on the power handle to the unlocked position with the other hand. (see figure 6)

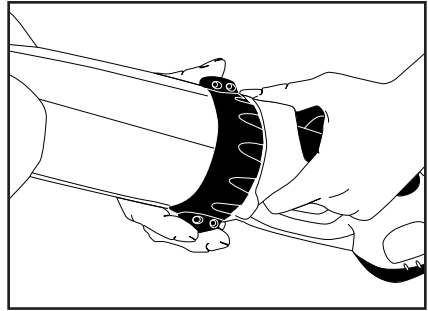


Figure 6

2. Pull the power handle and tool attachment apart. The power handle and tool attachment should separate easily. If they do not, check to be sure that the lock ring is in the fully unlocked position.

### Attaching the Battery

1. Align the rib on the battery pack with the corresponding slot in the end of the power handle. (see figure 7)

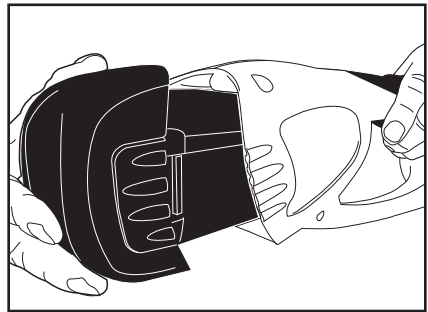


Figure 7

2. Insert the battery fully into the handle making sure that the spring-loaded buttons on each side of the battery pack snaps into place in the handle.

### Removing the Battery

1. Depress the spring-loaded buttons on both sides of the battery simultaneously. (see figure 8)

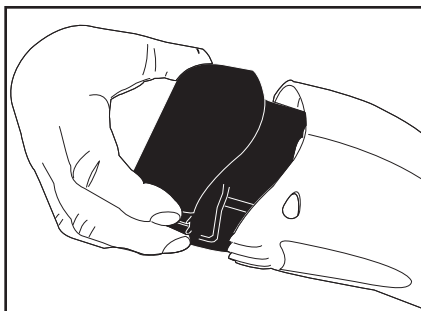


Figure 8

2. Pull the battery pack straight out from the handle.

### To turn the tool on:

1. Grip the control grip firmly with one hand and grip the auxiliary handle on the tool attachment (if provided) with the other hand.
2. Push the trigger that your thumb rests on straight forward, this is the safety release. (see figure 9)

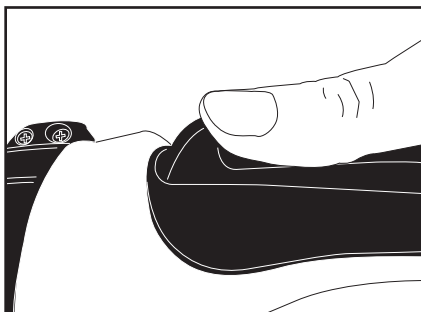


Figure 9

3. While holding the switch under your thumb in the forward position, use your fingers to pull upward on the control trigger. (see figure 10) This will energize the tool and allow you to do your work. It is NOT necessary to keep pressure on the thumb switch after the tool has started.

Please note that the tool will not start if the lock ring is not in the fully locked position.

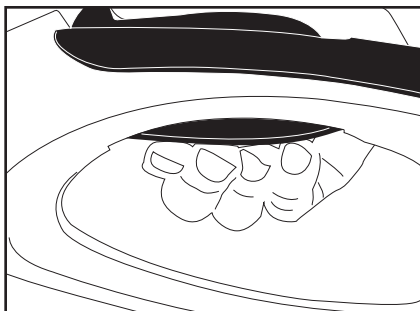


Figure 10

### To turn the tool off:

1. Release the control trigger and the tool will turn off. The thumb switch will return to the rear position to prevent accidental re-starting of the tool.

The power handle can be operated in two positions, normal and inverted, depending on the work you are trying to do. Depending on work position, both thumb switch or control trigger will release safety or activate tool, so it is not necessary to contort your hand when using the power handle in the inverted position. (see figure 11)

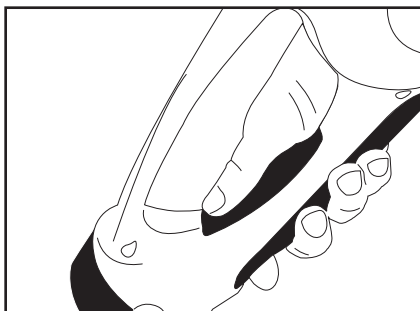


Figure 11

### OVERLOAD PROTECTION

Some tool attachments incorporate overload protection devices such as fuses and circuit breakers. These devices will cause the tool to stop operating if an overload condition exists. See the individual tool

attachment manuals for instructions regarding these overload protection devices.

See the manuals for the individual tool attachments for specific instructions, precautions and tips for using those specific tools.

## MAINTENANCE

See the manuals for the individual tool attachments for maintenance of those tools.

**WARNING:** Always remove the battery when performing any maintenance on the power handle or a tool attachment that is connected to the power handle.

**WARNING:** Always keep hands away from the triggers when performing maintenance on the power handle.

**LUBRICATION** - No periodic lubrication of the power handle parts is required.

### CLEANING OF PLASTIC PARTS

- Use only a dry brush or a cloth with warm water and mild soap to clean plastic parts. Many household cleaners contain chemicals which could damage the plastic. Never use gasoline, turpentine, paint thinner or similar fluids. Never spray-wash tool or immerse in water. Water or liquid inside the tool can cause serious damage to the unit.

**DROPPING THE UNIT** - If you drop the unit, carefully inspect it for any damage before using it again. Have the unit professionally repaired if damage has occurred.

## STORAGE

**TEMPERATURE** – Temperature extremes limit the useful life of the battery. The best storage place is one that is cool and dry. Store the tool away from direct sunlight, heating

pipes, furnaces, etc. Do not store where temperatures go below +40 F or above +120 F.

### PREVENTING CORROSION -

Fertilizers and other garden chemicals contain compounds that greatly accelerate the corrosion of metals. Do not store the appliance on or adjacent to fertilizers or chemicals.

## ACCESSORIES

**REPLACEMENT PARTS** - For optimum cutting results and the assurance of top performance, it is recommended that only Sears Craftsman replacement blades and cutting line be used.

**WARNING:** Use only Craftsman accessories and replacement parts available from Sears. Use of non-Craftsman accessories could be hazardous. Call 1-800-366-PART.

**BATTERY RECYCLING** - To preserve natural resources, please recycle or dispose of this product's NICKEL-CADMIUM (NiCd) BATTERY properly. Local, state and federal laws prohibit disposal of NiCd batteries in ordinary trash. The manufacturer is a participant in the Rechargeable Battery Recycling Corporation (RBRC) recycling program. We have paid a fee to allow for these batteries to be properly disposed of via a RBRC collection site (various retailers are also RBRC participants). Please call the RBRC toll free number at (800) 822-8837 or visit the RBRC web site at [www.rbrc.com](http://www.rbrc.com) to find a battery collection center near you.





## SERVICE

If you see any condition that may affect safe operation, or if you have any questions, contact our customer service number at: **1-800-539-6455**

### NEED MORE HELP?

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

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Au Canada pour service en français:

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(1-800-533-6937)  
[www.sears.ca](http://www.sears.ca)

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# Operator's Manual

# CRAFTSMAN®

## **Convertible Cordless 18V Pole Saw Attachment**

Model No. 71.74295

**BEFORE** returning this product,  
first call:

**(800) 539-6455**

### **IMPORTANT OPERATING HINT:**

When starting unit, first push the thumb switch forward and then squeeze the control trigger. It is **NOT** necessary to keep the thumb switch pushed forward during use.

### **CAUTION:**

Before using this product, read this manual and follow all its Safety Rules and Operating Instructions.



- Safety
- Assembly
- Operation
- Maintenance
- Español
- Français

Sears, Roebuck and Co., Hoffman Estates, IL 60179, U.S.A.

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## WARRANTY

### Craftsman One Year Full Warranty

If this Craftsman product fails due to manufacturer's defects within one year from the date of purchase, return it to any Sears store or other Craftsman outlet in the United States for free replacement.

This warranty applies for only 90 days if this product is ever used for commercial or rental purposes.

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

## READ ALL INSTRUCTIONS

### SAFETY INSTRUCTIONS

**WARNING:** Some dust created by using power tools contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

### WARNING TO CALIFORNIA

**RESIDENTS:** Handling the cord on this units (or cords with accessories sold for this product) will expose you to lead, a chemical known to the State of California to cause cancer, and birth

defects or other reproductive harm. Please wash hands after handling the cord.

### CRAFTSMAN CONVERTIBLE CORDLESS 18V TOOL SYSTEM

This product is for use only with the Craftsman Convertible Cordless 18V Tool System. Do not use the tool attachments with any other system or power source, and do not use any tool attachment on the power handle that is not intended for use with this system.

**WARNING:** When using this tool,

basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

**To reduce risk of injury:**

Before any use, be sure everyone using this electric product reads and understands all safety and operation instructions contained in this manual.

**SAVE THESE INSTRUCTIONS** and review frequently prior to use. Store in wall charger slot.

**AVOID DANGEROUS ENVIRONMENTS** and weather conditions when using this tool.

**DO NOT USE** battery operated appliance in the rain.

**KEEP CHILDREN AWAY** - All visitors should be kept at a safe distance from work area.

**DO NOT ALLOW CHILDREN** or untrained individuals to use this pole saw.

**STORE IDLE UNIT INDOORS** - When not in use, the unit should be stored indoors in a dry location – out of reach of children.

**DON'T FORCE THE TOOL** - It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.

**USE RIGHT TOOL** - Do not use the tool for any job except that for which it is intended.

**KEEP HANDS AND FEET** away from cutting area.

**DRESS PROPERLY** - Do not wear loose clothing or jewelry. They can be caught in moving parts. Use of rubber gloves and non-skid footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.

**DON'T OVERREACH** - Maintain

proper footing and balance at all times. Use both hands to operate unit safely.

**USE SAFETY GLASSES** - Always wear proper eye protection, and use a face or dust mask if operation is dusty.

**ALWAYS WEAR A HARDHAT** when operating the pole saw.

**ALWAYS WEAR SAFETY FOOTWEAR**, snug fitting clothing, protective gloves, hearing protection and head protection when using the pole saw.

**CARRYING THE POLE SAW** – Always carry the saw by gripping the fiberglass pole at its balance point with the saw chain in front of you for easy visibility.

**MAINTAIN UNIT WITH CARE** - Keep the unit clean for best performance and to reduce the risk of injury. Follow instructions for service. Keep handles dry, clean, and free from oil and grease.

**AVOID UNINTENTIONAL STARTING** - Don't carry the appliance while holding the switch area. The unit is shipped partly charged, and may start inadvertently if not handled properly.

**CHECK DAMAGED PARTS** - If any component of the appliance experiences a hard impact, check that no parts were damaged and verify that the unit operates properly. Check for misalignment or bending of moving parts, breakage of parts, and any other condition that may affect operation. A part that is damaged should be properly repaired or re-placed by an authorized service center.

**KEEP TOOLS SHARP** and clean for better and safer performance.

**FOLLOW INSTRUCTIONS** for lubricating and changing accessories.

**KEEP HANDLES DRY**, clean, and free from oil and grease.

**REMOVE BATTERY** from pole saw when not in use, before servicing,

and when changing accessories and attachments such as saw chain and guide bar.

**STAY ALERT** - Watch what you are doing. Use common sense. Do not operate the tool when you are tired.

**KEEP ALL PARTS** of the body away from the saw chain when the motor is operating.

**BEFORE YOU START THE SAW**, make sure the saw chain is not contacting anything.

**CHECK DAMAGED PARTS** – Before further use of the pole saw, a part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated elsewhere in this instruction manual.

**HAVE DEFECTIVE SWITCHES** replaced by an authorized service center.

**DO NOT USE** the pole saw if the switch does not turn it on and off.

**DO NOT OPERATE** the pole saw if it is damaged, improperly adjusted, or it is not completely and securely assembled. Be sure the saw chain stops when the trigger is released.

**NEVER OPERATE THE POLE SAW** while standing on a ladder.

**DO NOT CUT DOWN TREES** with the pole saw.

**BE SURE TO** have an escape route from falling limbs.

**ALWAYS ALLOW SPACE** for limbs to fall freely to the ground.

**KEEP CHILDREN, BYSTANDERS**

and animals at least 50 feet away when using the pole saw.

**NEVER OPERATE** the pole saw within 50 feet of overhead electrical lines. Failure to observe this precaution could result in severe injury.

**NEVER STAND DIRECTLY** under the limb being cut. Falling limbs could cause severe injury.

**KEEP WORK AREA CLEAN**

**CONSIDER WORK AREA ENVIRONMENT.** Use extreme caution when cutting small size brush and saplings because the slender material may catch the chain and be whipped toward you or pull you off balance.

**WHEN CUTTING A LIMB** that is under tension, be alert for spring-back so that you will not be struck when the tension in the wood fibers is released.

**DO NOT USE** pole saw in the rain.

**DO NOT USE** pole saw in damp or wet locations.

**DO NOT USE** pole saw in the presence of flammable liquids or gases.

**WHEN NOT IN USE**, pole saw should be stored in a dry, and high or locked-up place – out of the reach of children.

**ALWAYS USE THE BLADE SCABBARD** when carrying or storing the pole saw.

**ONLY CUT WOOD** with the pole saw.

**DO NOT USE** the pole saw for purpose not intended. For example – do not use chain saw for cutting plastic, masonry, or non-wood building materials.

**WARNING: KICKBACK** may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut. Tip contact in some cases may cause a lightning fast reverse reaction, kicking the guide bar up and back

towards the operator. Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator. Either of these reactions may cause you to lose control of the saw which could result in serious injury to user.

**THE FOLLOWING PRECAUTIONS**

should be followed to minimize kickback:

**GRIP SAW FIRMLY** – Hold the pole saw firmly with both hands when the motor is running. Use a firm grip with thumb and fingers of one hand encircling the control handle, and the thumb and fingers of the other hand encircling the fiberglass pole.

**DO NOT OVERREACH.**

**KEEP PROPER FOOTING** and balance at all times.

**DO NOT LET** the nose of the guide bar contact a log, branch, ground or other obstruction.

**ONLY USE REPLACEMENT** bars and chains specified by the manufacturer.

Store these instructions by folding in half and sliding into the slot in the back of the wall charging rack.

**SAVE THESE INSTRUCTIONS**  
**OPERATION**

**CAUTION:** Do not use a replacement chain unless:

It has been designated as meeting the ANSI B175 kickback performance requirements on that specific powerhead;

It has been designated as “Low-Kickback” saw chain in accordance with ANSI B175.1; or

It is the saw manufacturer’s replacement catalogue (or equivalent) number.

Low-Kickback saw chain is a chain which has met the kickback performance requirements of ANSI B175.1 when tested on the representative sample of chain saws.

**Glossary of Terms**

**Drive Sprocket or Sprocket** – The toothed part that drives the saw chain.

**Guide Bar** – A solid railed structure that supports and guides the saw chain.

**Guide Bar Scabbard** – Enclosure fitted over the guide bar to prevent contact with the saw chain when the pole saw is not in use.

**Kickback** – The backward and upward motion, or both of the guide bar occurring when the saw chain near the nose of the top area of the guide bar contacts any object such as a log or branch, or when the wood closes in and pinches the saw chain in the cut.

**Low-Kickback Chain** - A chain that complies with the kickback performance requirements of ANSI B175.1-1991 when tested on a representative sample of chain saws.

**Reduced Kickback Guide Bar** – A guide bar which has been demonstrated to reduce kickback significantly.

**Replacement Saw Chain** – A chain that complies with the kickback performance requirements of ANSI B175.1-1991 when tested with specific chain saws. It may not meet the ANSI performance requirements when used with other saws.

**Saw Chain** – A loop of chain having cutting teeth, that cut the wood, and that is driven by the motor and is supported by the guide bar.

**Spiked Bumper (Spike)** – The pointed

tooth or teeth for use when pruning to pivot the saw and maintain position while sawing.

**Switch** – A device that when operated will complete or interrupt an electrical power circuit to the motor of the pole saw.

**Switch Lockout** – A moveable stop that prevents the unintentional operation of the switch until manually actuated.

## INSTALLING AND REMOVING THE SAW CHAIN

**WARNING:** Sharp moving blade. To prevent accidental starting, always remove the battery before installing or removing the saw chain. Failure to do so could result in serious personal injury.

**CAUTION:** Sharp moving blade. Always wear gloves when installing or removing the saw chain. The saw chain is sharp and can cut you even when it is not moving.

Put the saw head on a flat stable surface. Remove the two socket head screws using the provided wrench (stored in the side of the saw head housing) by turning them counterclockwise. (see figure 1)

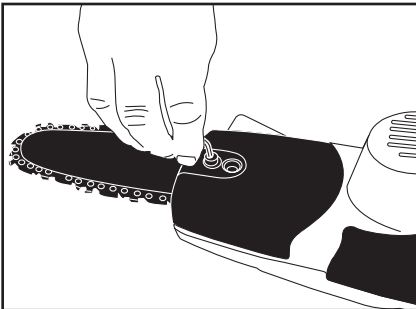


Figure 1

Remove the sprocket cover, bar clamp and socket head screws.

Remove the chain by turning the socket head screw in the front of the saw head counterclockwise, this will

loosen the chain. (see figure 2) Lift the chain away from the sprocket and out of the groove in the guide bar.

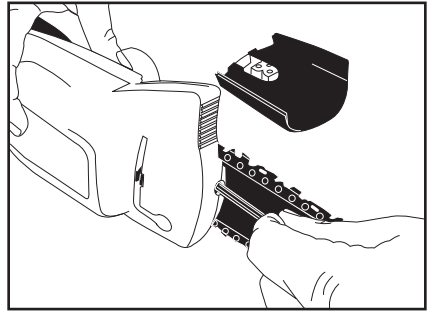


Figure 2

To replace the chain, make sure that the slot in the guide bar is over the 2 locating pins and that the adjustment pin is in the hole below the slot. (see figure 3)

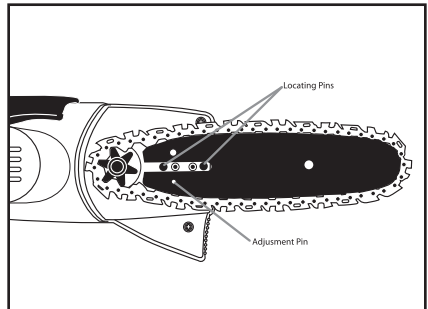


Figure 3

Place the chain in the groove of the guide bar and over the sprocket. Be sure that the teeth on the saw chain are facing the correct direction. The arrows on the chain on the top side of the bar should point forward. (see figure 4)



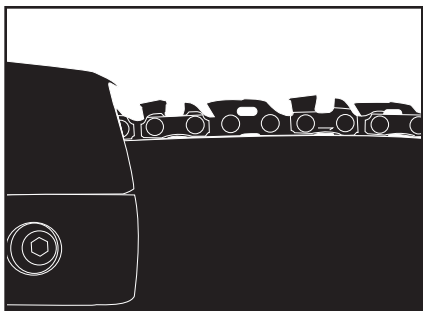


Figure 4

Rotate the socket head screw on the front of the saw head clockwise to take up the slack in the chain. (see figure 2 from previous step)

Replace the sprocket cover, bar clamp and socket head screws in that order.

Adjust the tension on the chain before use.

### ADJUSTING SAW CHAIN TENSION

With the battery removed from the power handle, pull the center of the chain away from the bar at the center of the bar with your fingers (always wear gloves). The tension is correct when you can pull the chain 1/8" from the bar and it snaps back when released. (see figure 5) The chain should not sag away from the bar.

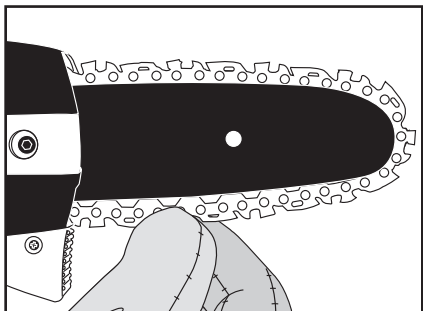


Figure 5

To adjust the chain tension, loosen the socket head screw that hold the bar clamp.

Turn the socket head screw on the

front of the saw head to loosen or tighten the chain as needed. When the chain is the correct tension, tighten the two socket head screws that hold the bar clamp in place.

Do not over-tighten the chain as this will lead to premature wear of the chain and bar. Over-tightening can also reduce battery life and cause the circuit breaker to trip.

Check the tension on the chain often when it is new. New chain stretches in the initial few hours of use.

### OILING THE CHAIN

Oil the chain before each use with unused SAE30 weight motor oil or saw chain oil. Lubricate the chain along its entire length.

### CONNECTING POLE SAW ATTACHMENT TO THE POWER HANDLE

Be sure to follow the following safety precautions when attaching and detaching tools from the power handle.

Remove the battery from the handle before attaching or detaching tools.

Never touch the control switches on the power handle when attaching and detaching tools

#### To attach the pole to the power handle:

1. Twist the lock ring on the power handle to the unlocked position. (see figure 6)

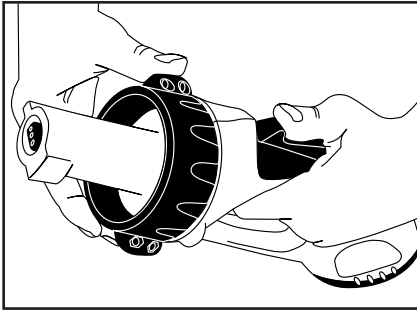


Figure 6

2. Insert the male end of the power handle interface into the female socket in the end of the extension pole making sure that it is firmly seated. (see figure 7) The interface is keyed so that it will only go together one way. The handle and pole should go together easily. If you experience resistance in putting them together, check that the keys on the handle are properly aligned with the slots in the pole.

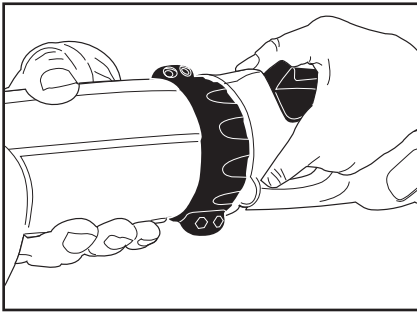


Figure 7

3. Grasp the pole firmly with one hand and twist the lock ring on the power handle to the locked position with the other hand. (see figure 8)

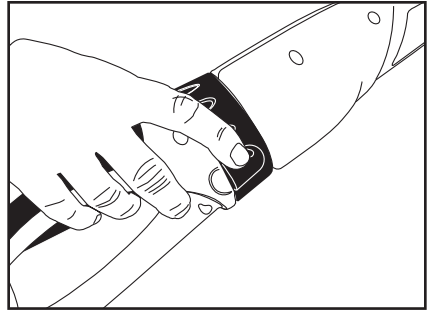


Figure 8

#### To attach the saw head to the pole:

1. Twist the lock ring on the pole to the unlocked position. (see figure 9)

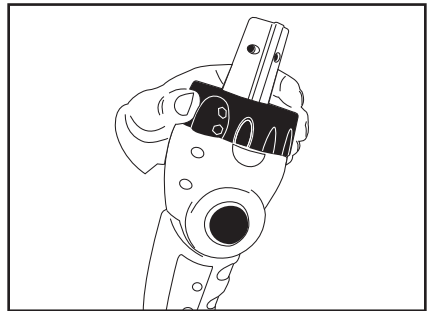


Figure 9

2. Insert the male end of the pole interface into the female socket in the end of the saw head making sure that it is firmly seated. The interface is keyed so that it will only go together one way. The pole and saw head should go together easily. If you experience resistance in putting them together, check that the keys on the pole are properly aligned with the slots in the saw head.

3. Grasp the saw head firmly with one hand and twist the lock ring on the pole to the locked position with the other hand. (see figure 10)

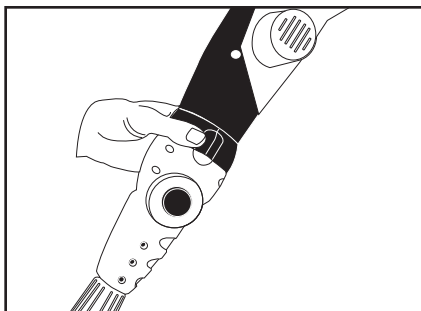


Figure 10

**CAUTION:** The saw head has safety features that prevent attaching it directly to the power handle without the pole in between. Do not attempt to defeat these safety features and attach the saw head directly to the power handle. Doing so could result in severe personal injury.

#### To detach the saw head or pole:

1. Grasp the saw head or pole firmly with one hand and twist the lock ring to the unlocked position with the other hand. (see figure 11)

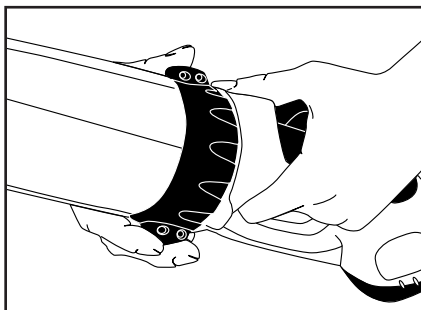


Figure 11

2. Pull the saw head and pole apart. The power handle and tool attachments should separate easily. If they do not, check to be sure that the lock rings are in the fully unlocked position.

#### Attaching the Battery

1. Align the rib on the battery pack with

the corresponding slot in the end of the power handle. (see figure 12)

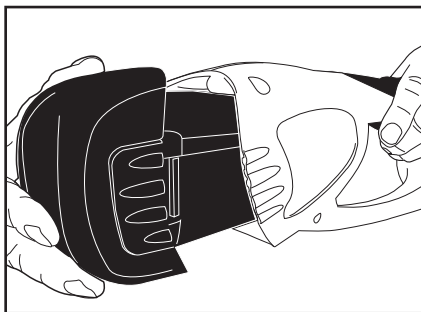


Figure 12

2. Insert the battery fully into the handle making sure that the spring-loaded buttons on each side of the battery pack snap into place in the handle.

#### Removing the Battery

1. Depress the spring-loaded buttons on both sides of the battery simultaneously. (see figure 13)

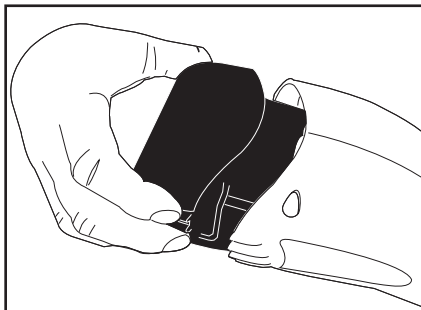


Figure 13

2. Pull the battery pack straight out from the handle.

#### To turn the tool on:

1. Grip the control grip firmly with one hand and grip the extension pole on the pole saw with the other hand.

2. Push the trigger that your thumb rests on straight forward, this is the safety release or switch lockout. (see figure 14)

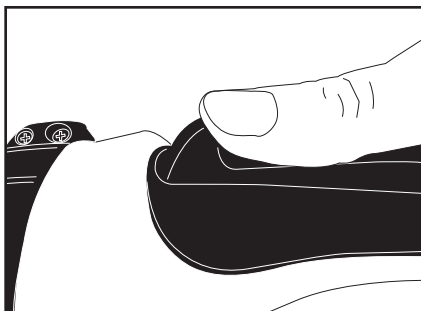


Figure 14

3. While holding the switch lockout under your thumb in the forward position, use your fingers to pull upward on the control trigger. (see figure 15) This will energize the saw and allow you to do your work. It is NOT necessary to keep pressure on the thumb switch after the tool has started.

Please note that the tool will not start if the lock rings are not in the fully locked position.



Figure 15

#### To turn the tool off:

1. Release the control and the tool will turn off. The thumb switch will return to the rearward position to prevent accidental re-starting of the tool.

#### OVERLOAD PROTECTION

The pole saw attachment incorporates a circuit breaker which will protect the hedge trimmer in the event of

a prolonged stall. This device will cause the tool to stop operating if an overload condition exists. If the pole saw becomes jammed on a branch, release the control trigger immediately. If, after clearing the jam, the pole saw does not restart, check to see if the circuit breaker has popped (see figure 16). The circuit breaker can be reset by simply waiting 30 seconds and then pushing it back in until it clicks. You may then resume normal trimming.

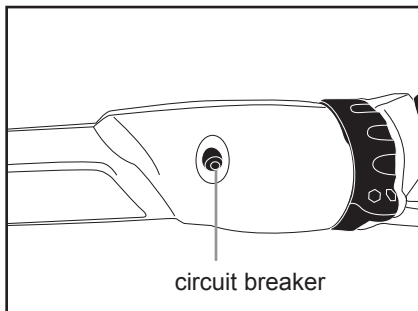


Figure 16

#### EXTENDING THE POLE

To extend the pole, lay the pole saw on a horizontal surface. Hold the black hand grip on the bottom section of the pole with one hand while turning the red hand grip counterclockwise with the other hand. Slide the extension pole to the desired length and tighten by turning the red hand grip clockwise. (see figure 17)

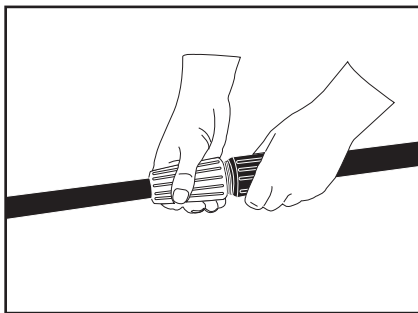


Figure 17

**CAUTION:** Never adjust the pole

length with the pole saw standing vertically. The top section of the pole could descend rapidly and pinch your hand.

### PIVOTING THE SAW HEAD

The pole is designed to pivot at the top end to allow the saw head to contact branches in the most advantageous position. To pivot the saw head, squeeze the two black buttons at the top of the pole (only the left side button will actually depress), pivot the saw head to the desired position, and release the buttons to lock the saw head in place. (see figure 18)

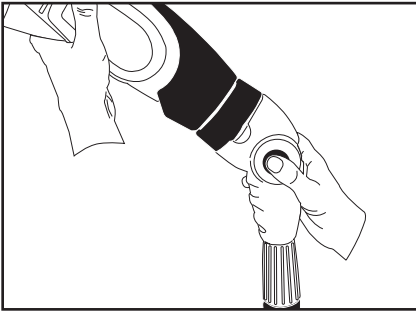


Figure 18

### PRUNING WITH THE POLE SAW

**HOLDING THE POLE SAW** – Hold the pole saw firmly with both hands when the motor is running. Use a firm grip with thumb and fingers of one hand encircling the control handle, and the thumb and fingers of the other hand encircling the fiberglass pole. (see figure 19)

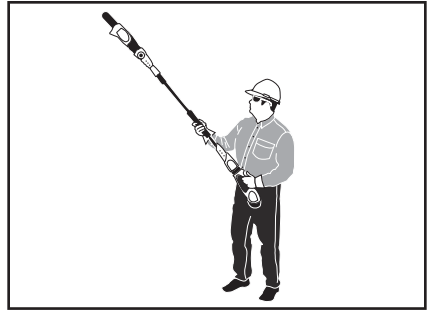


Figure 19

**USING THE POLE SAW** – Always be sure of your footing and hold the pole saw firmly with both hands while the motor is running.

**NEVER STAND ON A LADDER** – Only operate the pole saw with both feet planted firmly on the ground.

**OVERHEAD ELECTRICAL LINES** – Never operate the pole saw within 50 feet of overhead electrical lines. Failure to observe this precaution could result in severe injury.

**WARNING: KICKBACK** may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut. Tip contact in some cases may cause a lightning fast reverse reaction, kicking the guide bar up and back towards the operator. Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator. Either of these reactions may cause you to lose control of the saw which could result in serious injury to user.

### To Cut Branches From a Tree:

Make sure the saw is running before attempting to make a cut.

Using light pressure make a cut on the underside of the branch six inches from the trunk using the top side of the chain. This cut should be no deeper than 1/3 the thickness of the branch.

Then make the final cut from the top of the branch using the bottom side of the chain. (see figure 20)

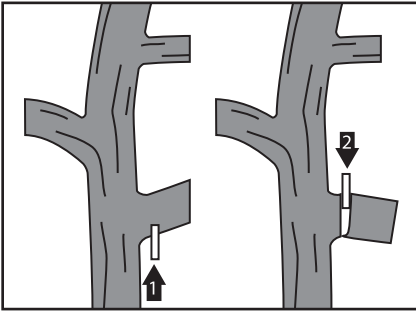


Figure 20

Making the initial cut on the underside of the branch will prevent the branch from splintering when it falls away from the tree. Never try to cut the branch completely from the underside. This will cause the branch to bind on the chain and could stall the motor causing damage to the saw.

Do not stop the saw until after it is removed from the cut. Release the trigger to stop the saw. Be sure the chain has come to a complete stop before setting the pole saw down. The chain will immediately become dull if it contacts the ground while still running.

### WALL BRACKET

Mount the wall bracket securely to the wall; attach with screws to a wall stud. The use of wall board anchors is NOT recommended. Place the tool attachment in the wall bracket as shown for convenient storage. (see figure 21)

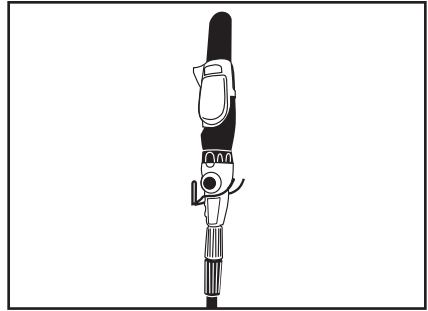


Figure 21

## MAINTENANCE

**WARNING:** Always remove the battery when performing any maintenance on the power handle or a tool attachment that is connected to the power handle.

**WARNING:** Always keep hands away from the triggers when performing maintenance.

**LUBRICATION** – See operating instructions for specific information on lubricating the chain. Periodic lubrication of other parts is not required.

### CLEANING OF PLASTIC PARTS

- Use only a dry brush or a cloth with warm water and mild soap to clean plastic parts. Many household cleaners contain chemicals which could damage the plastic. Never use gasoline, turpentine, paint thinner or similar fluids. Never spray-wash tool or immerse in water. Water or liquid inside the tool can cause serious damage to the unit.

**DROPPING THE UNIT** - If you drop the unit, carefully inspect it for any damage before using it again. Have the unit professionally repaired if damage has occurred.

## STORAGE

**TEMPERATURE** – Temperature extremes limit the useful life of the battery. The best storage place is one that is cool and dry. Store the tool away from direct sunlight, heating pipes, furnaces, etc. Do not store where temperatures go below +40 F or above +120 F.

### **PREVENTING CORROSION** -

Fertilizers and other garden chemicals contain compounds that greatly accelerate the corrosion of metals. Do not store the appliance on or adjacent to fertilizers or chemicals.

## ACCESSORIES

**REPLACEMENT PARTS** - For optimum cutting results and the assurance of top performance, it is recommended that only Sears Craftsman replacement blades and cutting line be used.

**WARNING:** Use only Craftsman accessories and replacement parts available from Sears. Use of non-Craftsman accessories could be hazardous. Call 1-800-366-PART.

**BATTERY RECYCLING** - To preserve natural resources, please recycle or dispose of this product's **NICKEL-CADMIUM (NiCd) BATTERY** properly. Local, state and federal laws

prohibit disposal of NiCd batteries in ordinary trash. The manufacturer is a participant in the Rechargeable Battery Recycling Corporation (RBRC) recycling program. We have paid a fee to allow for these batteries to be properly disposed of via a RBRC collection site (various retailers are also RBRC participants). Please call the RBRC toll free number at (800) 822-8837 or visit the RBRC web site at [www.rbrc.com](http://www.rbrc.com) to find a battery collection center near you.



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