

Poulan®

ENGLISH



Please do not return product to retailer.
Por favor, no devuelva el producto al lugar de compra.
Veuillez ne pas retourner le produit au détaillant.

1-800-554-6723

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Instruction Manual Manual de Instrucciones Manuel d'Instructions

810 EPT



WARNING:

Read and follow all Safety Rules and Operating Instructions before using this product. Read instructions carefully before assembling. Failure to do so can result in serious injury.

ADVERTENCIA:

Lea el manual de instrucciones y siga todas las advertencias e instrucciones de seguridad. Antes de ensamblar el producto lea cuidadosamente el instructivo. El no hacerlo puede resultar en lesiones graves.

AVERTISSEMENT:

Veuillez lire le manuel d'instructions et bien respecter tous les avertissements et toutes les instructions de sécurité. Bien lire les instructions avant d'assembler l'outil. Tout défaut de le faire pourrait entraîner des blessures graves.

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Charlotte, NC 28269

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850 Matheson Blvd. West
Mississauga, Ontario L5V 0B4

ESPAÑOL

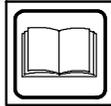
FRANÇAIS

115260526 Rev. 2 4/15/10 BRW

IDENTIFICATION OF SYMBOLS



DANGER! This unit can be dangerous! Careless or improper use can cause serious or even fatal injury.



Read and understand the instruction manual before using the unit.



Always wear appropriate ear protection, eye protection and head protection.



DANGER! Falling objects can cause severe head injury. Wear head protection when operating this unit. Do not stand beneath branch being cut.

SAFETY RULES

IMPORTANT WARNINGS AND SAFETY INSTRUCTIONS

⚠ WARNING: When using an electric pruner or any other electric gardening appliance, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and serious injury. The warnings and safety instructions in this manual must be followed to reduce the risk of fire, electric shock, or injury, and to provide reasonable safety and efficiency in using this unit. The operator is responsible for following the warnings and instructions in this manual and on the unit. Read the entire instruction manual before assembling and using the unit! Restrict the use of this unit to persons who read, understand, and follow the warnings and instructions in this manual and on the unit. Never allow children to use this unit. Do not allow the unit to be used as a toy. Close attention is necessary when used near children. Always disconnect unit from power source when not in use, before making repairs or adjustments, and when changing accessories and attachments such as bar, chain, or trimmer line. Nonconforming replacement components or the removal of safety devices may cause damage to the unit and possible injury to the operator or bystanders. Use only accessories and replacement parts as recommended. Use only for jobs explained in this manual (or manuals for optional attachments).

⚠ WARNING: Because a pruner is a high-speed wood-cutting tool, special safety precautions must be observed to reduce the risk of accidents. Careless or improper use of this tool can cause serious or even fatal injury.

PLAN AHEAD

- Read this manual carefully until you completely understand and can follow all safety rules, precautions, and operating instructions before attempting to use the unit.
- Restrict the use of your unit to adult users who understand and can follow safety rules, precautions, and operating instructions found on the unit and in this manual. Never allow children to operate this unit. Close attention is necessary when used near children.

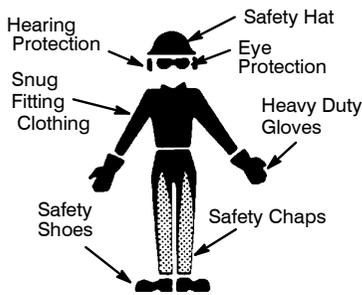


INSTRUCTION MANUAL



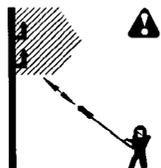
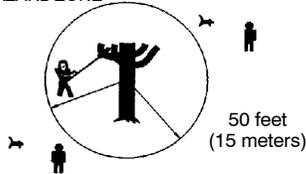
SAFETY INFORMATION ON THE UNIT

- Wear protective gear. Always use steel-toed safety footwear with non-slip soles; snug-fitting clothing; heavy, long pants, and long sleeves; heavy-duty, non-slip gloves; eye protection such as non-fogging, vented goggles or face screen; an approved safety hard hat; and sound barriers (ear plugs or muffs) to protect your hearing. Regular users should have hearing checked regularly as motor noise can damage hearing. Secure hair above shoulder length. Secure or remove loose clothing and jewelry or clothing with loosely hanging ties, straps, tassels, etc.



- Keep children, bystanders, and animals a minimum of 50 feet (15 meters) away from the work area. Do not allow other people or animals to be near when starting or operating the unit. Do not let visitors contact unit or extension cord.

HAZARD ZONE



DANGER: Do not use near electrical wires or power lines. Keep pruner at least 30 feet (10 meters) away from all power lines.

- Do not handle or operate this unit when you are fatigued, ill, or upset, or if you have taken alcohol, drugs, or medication. You must be in good physical condition and mentally alert. If you have any condition that might be aggravated by strenuous work, check with doctor before operating this unit.
- Carefully plan your operation in advance. Do not start cutting until you have a clear work area, secure footing, and a planned retreat path. Cluttered areas invite injuries.

If situations occur which are not covered in this manual, use care and good judgment. If you need assistance, contact your authorized service dealer or call 1-800-554-6723.

ELECTRICAL SAFETY
(applies to all attachments)

WARNING:

Avoid a dangerous environment. To reduce the risk of electrical shock, do not use in rain, in damp or wet locations, or around swimming pools, hot tubs, etc. Do not expose to snow, rain, or water to avoid the possibility of electrical shock. Do not use on wet surfaces. Do not handle extension cord plug or unit with wet hands. Avoid dangerous situations. Do not

use in the presence of flammable liquids or gases to avoid creating a fire or explosion and/or causing damage to unit. Do not abuse cord. Never carry the unit by the extension cord or yank extension cord to disconnect unit. To unplug, grasp the plug, not the cord. Do not use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Turn off all controls before unplugging. Do not expose cords to heat, oil, or water. Do not use with damaged cord or plug. If unit is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to your authorized service dealer for repair. Unplug the unit from the power source when not in use, before servicing, and when changing accessories and/or attachments. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.

- Use a voltage supply as shown on unit.
- Avoid dangerous environments. Do not use in unventilated areas or where dust or explosive vapors can build up.
- To reduce the risk of electrical shock, this equipment has a polarized plug (one blade is wider than the other) and will require the use of a polarized extension cord. The appliance plug will fit into a polarized extension cord only one way. If the plug does not fit fully into the extension cord, reverse the plug. If the plug still does not fit, obtain a correct polarized extension cord. A polarized extension cord will require the use of a polarized wall outlet. This plug will fit into the polarized wall outlet only one way. If plug does not fit fully into the wall outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper wall outlet. Do not change the equipment plug, extension cord receptacle, or extension cord plug in any way.
- To reduce risk of electrical shock, use extension cords specifically marked as suitable for outdoor appliances having electrical rating not less than the rating of unit. Cord must be marked with suffix "W-A" (in Canada "W"). Make sure your extension cord is in good condition. Inspect extension cord before use and replace if damaged. Do not use a damaged cord. Cord insulation must be intact with no cracks or deterioration. Plug connectors must be undamaged. The extension cord used to reach the power source must be heavy enough to carry current from the power source the full length of the extension cord to the unit. An undersized extension cord will cause a drop in line voltage resulting in loss of power and overheating. If in doubt, use the next heavier gauge. The lower the gauge number, the heavier the cord (see SELECT AN EXTENSION CORD in the OPERATION section).
- Do not use multiple cords.
- Keep the extension cord clear of operator and obstacles at all times. Position cord so that it will not be caught on branches.
- Tie cord to cord retainer and connect to recessed plug as shown in this manual to pre-

vent damage to unit and/or extension cord and to reduce the possibility of the extension cord disconnecting from the unit during operation. See ATTACH THE EXTENSION CORD TO YOUR TRIMMER in the OPERATION section.

- Do not attempt to repair unit. Inspect the insulation and connectors on the powerhead and extension cord before each use. If there is any damage, do not use until damage is repaired by your authorized service dealer.
- Do not use the unit if the switch does not turn the unit on and off properly. Repairs to the switch must be made by your authorized service dealer.
- Avoid unintentional starting of the unit. Never carry unit with your finger on the switch. Be sure the switch is in the OFF position and never touch the switch when connecting extension cord.
- Avoid any body contact with any grounded conductor, such as metal fences, or pipes, to avoid the possibility of electric shock.
- Ground Fault Circuit Interrupter (GFCI) protection should be provided on circuit or outlet to be used. Receptacles are available having built-in GFCI protection and may be used for this measure of safety.
- Stop the motor immediately if you are approached.

DOUBLE INSULATION CONSTRUCTION

This unit is double insulated to help protect against electric shock. Double insulation construction consists of two separate "layers" of electrical insulation instead of grounding. Tools built with this insulation system are not intended to be grounded. No grounding means is provided on this unit, nor should a means of grounding be added to this unit. As a result, the extension cord used with your unit can be plugged into any standard 120 volt electrical outlet. Safety precautions must be observed when operating any electrical tool. The double insulation system only provides added protection against injury resulting from an internal electrical insulation failure.

WARNING:

All electrical repairs to this unit, including housing, switch, motor, etc., must be diagnosed and repaired by qualified service personnel. Replacement parts for a double insulated appliance must be recommended by the manufacturer. A double insulated appliance is marked with the words "double insulation" or "double insulated". The symbol (square within a square)  may also be marked on the appliance. Failure to have the unit repaired by qualified service personnel can cause the double insulation construction to become ineffective and result in serious injury.

PRUNER SAFETY

- Do not operate a pruner with one hand. Serious injury to the operator, helpers, bystanders or any combination of these persons may result from one-handed operation. A pruner is intended for two-handed use.

- Keep all parts of your body away from the chain when unit is running.
- Do not operate pruner from a ladder or in a tree.
- Do not use a pruner to cut down trees or any portion of the tree trunk.
- Only use for pruning limbs or branches overhead not greater than 6 inches (15 cm) in diameter.
- Never stand under the limb you are pruning. Always position yourself out of the path of falling debris.
- Do not cut small brush and saplings with the pruner. Slender matter may catch in the chain and be whipped toward you, pulling you off balance.
- Make sure the chain will not make contact with any object while starting the unit. Never try to start the unit when the guide bar is in a cut.
- Do not force pruner. It will do the job better and safer at the rate for which it was intended.
- Do not put pressure on the pruner at the end of the cut. Applying pressure can cause you to lose control when the cut is completed.
- Do not run the unit at high speed when not pruning.
- Use the right tool, cut wood only. Don't use pruner for purpose not intended; for example, don't use pruner for cutting plastic, masonry, non-wood building materials, etc.
- If you strike or become entangled with a foreign object, stop the unit immediately and check for damage. Have any damage repaired by an authorized service dealer before attempting further operations.
- Do not operate a pruner that is damaged, improperly adjusted, or not completely and securely assembled. Always replace bar and chain immediately if it becomes damaged, broken or is otherwise removed.
- Always stop the unit when work is delayed or when walking from one cutting location to another. Stop the motor and make sure chain has stopped moving before setting the unit down.
- Inspect cords periodically and if damaged, have repaired by an authorized service dealer.
- Use only in daylight or good artificial light.

KICKBACK

 **WARNING:** Avoid kickback which can result in serious injury. Kickback is the backward, upward or sudden forward motion of the guide bar occurring when the chain near the upper tip of the guide bar contacts any object such as a log or branch, or when the wood closes in and pinches the chain in the cut. Contacting a foreign object in the wood can also result in loss of control.

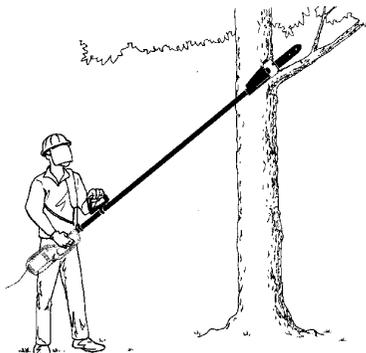
- **Rotational Kickback** can occur when the moving chain contacts an object at the upper tip of the guide bar. This contact can cause the chain to dig into the object, which stops the chain for an instant. The result is a lightning fast, reverse reaction which kicks the guide bar up and back toward the operator.

- **Pinch-Kickback** can occur when the wood closes in and pinches the moving chain in the cut along the top of the guide bar and the chain is suddenly stopped. This sudden stopping of the chain results in a reversal of the chain force used to cut wood and causes the pruner to move in the opposite direction of the chain rotation. The pruner is driven straight back toward the operator.
- **Pull-In** can occur when the moving chain contacts a foreign object in the wood in the cut along the bottom of the guide bar and the chain is suddenly stopped. This sudden stopping pulls the pruner forward and away from the operator and could easily cause the operator to lose control of the pruner.

REDUCE THE CHANCE OF KICKBACK

- Recognize that kickback can happen. With a basic understanding of kickback, you can reduce the element of surprise which contributes to accidents.
- Never let the moving chain contact any object at the tip of the guide bar.
- Keep the working area free from obstructions such as other trees, branches, rocks, stumps, etc. Eliminate or avoid any obstruction that your chain could hit while you are cutting. When cutting a branch, do not let the guide bar contact branch or other objects around it.
- Keep your chain sharp and properly tensioned. A loose or dull chain can increase the chance of kickback occurring. Follow manufacturer's chain sharpening and maintenance instructions. Check tension at regular intervals, but never with the motor running. Make sure the bar clamp nut is securely tightened after tensioning the chain.
- Begin and continue cutting at full speed. If the chain is moving at a slower speed, there is greater chance of kickback occurring.
- Cut one branch at a time.
- Use extreme caution when re-entering a previous cut.
- Do not attempt cuts starting with the tip of the bar (plunge cuts).
- Watch for shifting of wood or other forces that could close a cut and pinch or fall into chain.
- Use the Reduced-Kickback Guide Bar and Low-Kickback Chain specified for your unit.

MAINTAIN CONTROL



- Keep a good, firm grip on the pruner with both hands when the unit is running and don't let go. A firm grip will help you reduce kickback and maintain control. Keep the fingers of your left hand encircling and your left thumb under the assist handle. Keep your right hand completely around the trigger handle whether you are right handed or left handed.
- Stand with your weight evenly balanced on both feet.
- Stand slightly to the left side of the pruner to keep your body from being in a direct line with the cutting chain.

KICKBACK SAFETY FEATURES

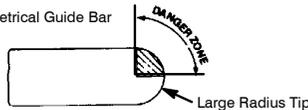
WARNING: The following features are included on your pruner to help reduce the hazard of kickback; however, such features will not totally eliminate this danger. As a pruner user, do not rely only on safety devices. You must follow all safety precautions, instructions, and maintenance in this manual to help avoid kickback and other forces which can result in serious injury.

- Reduced-Kickback Guide Bar, designed with a small radius tip which reduces the size of the kickback danger zone on the bar tip.

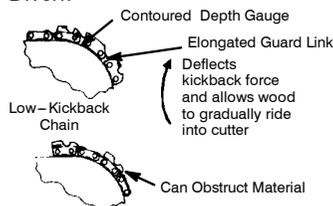
Reduced Kickback Symmetrical Guide Bar



Symmetrical Guide Bar



- Low-Kickback Chain, designed with a contoured depth gauge and guard link which deflect kickback force and allow wood to gradually ride into the cutter. A low kickback chain has met kickback performance requirements when tested on the representative sample of the chain saws specified in ANSI B175.1.



Not a Low-Kickback Chain

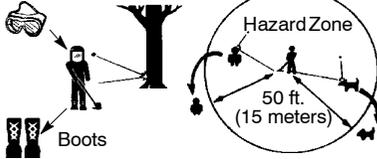
LINE TRIMMER SAFETY

DANGER: Never use blades with line trimmer attachment. Never use flailing devices with any attachment. This attachment (when used with supplied line trimmer attachment) is designed for line trimmer use only. Use of any other accessories with line trimmer attachment will increase the risk of injury.



⚠ WARNING: Trimmer line throws objects violently. You and others can be blinded/injured. Wear safety glasses, boots, and leg protection. Keep body parts clear of rotating line.

Eye Protection



Keep children, bystanders, and animals 50 feet (15 meters) away. If approached stop unit immediately.

⚠ WARNING: Inspect the area to be trimmed before each use. Remove objects (rocks, broken glass, nails, wire, etc.) which can be thrown by or become entangled in line. Hard objects can damage the trimmer head and be thrown causing serious injury.

- Inspect unit before use. Replace damaged parts. Make sure all handles, guards, and fasteners are in place and securely fastened. Parts that are damaged must be repaired or replaced by an authorized service dealer. These include head parts that are cracked, or chipped, guards, and any other part that is damaged.
- Keep firm footing and balance. Do not over-reach or use from unstable surfaces such as ladders, trees, steep slopes, rooftops, etc.
- Keep all parts of your body away from cutting head and spinning line.
- Keep the cutting head below waist level. Do not raise handles above your waist. Cutting head can come dangerously close to your body.
- Use unit properly. Use only for trimming, edging, scalping, and mowing. Do not force unit. It will do the job better and with less risk of injury at the rate for which it was designed.
- When using the trimmer attachment, keep cutting line at proper length. Use only 0.080" (2 mm) diameter Poulan brand line. Never use wire, rope, string, etc.
- Install required shield properly before using the trimmer attachment. Use only specified trimmer head and spool; make sure it is properly installed and securely fastened.
- Cut from your right to your left. Cutting on left side of the shield will throw debris away from the operator.
- Store the unit so the line limiter blade (on underside of shield) cannot cause injury.
- Use only in daylight or in good artificial light.
- Use only for jobs explained in this manual (or manuals for optional attachments).

MAINTAIN YOUR UNIT IN GOOD WORKING ORDER

- Have all service performed by a qualified service dealer with the exception of the items listed in the maintenance section of this manual.
- Maintain unit according to recommended procedures.
- Make certain the chain and/or cutting head stops moving when trigger switch is released.
- When using the trimmer attachment, keep cutting line at proper length. Use only 0.080" (2 mm) diameter Poulan brand line. Never use wire, rope, string, etc.
- Install required shield properly before using the trimmer attachment. Use only specified trimmer head and spool; make sure it is properly installed and securely fastened.
- Never modify your unit in any way.
- Keep the handles dry, clean, and free from oil and grease.
- Keep oil cap, screws, and fasteners securely tightened.
- Keep chain sharp and clean for better and safer performance.
- Follow instructions for lubricating and changing accessories and for changing trimmer line.
- Check for damaged parts. Before further use of the unit, 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, binding of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. Any part that is damaged should be properly repaired or replaced by an authorized service dealer unless otherwise indicated elsewhere in the instruction manual.
- Use only recommended attachments and replacement parts to avoid creating a hazard and/or voiding warranty.
- When not in use, the unit should be stored in a dry, high or locked-up place out of the reach of children.
- When storing unit, unplug from the power source and use a bar sheath when appropriate.

TRANSPORTING AND STORAGE

- Stop the unit and disconnect the power source when not in use.
- Carry the unit with motor stopped.
- Store unit indoors in a high, dry place out of the reach of children. Store unit unplugged.
- Do not hang unit so that the trigger switch is depressed.

SAFETY NOTICE: Exposure to vibrations through prolonged use of hand tools could cause blood vessel or nerve damage in the fingers, hands, and joints of people prone to circulation disorders or abnormal swellings. Prolonged use in cold weather has been linked to blood vessel damage in otherwise healthy people. If symptoms occur such as numbness, pain, loss of strength, change in skin color or texture, or loss of feeling in the fingers, hands, or joints, discontinue the use

of this tool and seek medical attention. An anti-vibration system does not guarantee the avoidance of these problems. Users who operate power tools on a continual and regular basis must monitor closely their physical condition and the condition of this tool.

RECOMMENDED ATTACHMENTS

This model is equipped with a coupler which enables optional attachments to be installed. The optional attachments are:

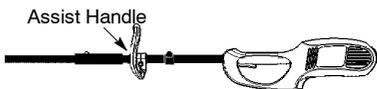
	MODEL:
Edger	PP1000E
Cultivator	PP2000T
Blower	PP3000B

⚠ WARNING: Use of any other attachments besides those listed above and the attachment provided with this unit might present a risk of injury to the operator or bystanders. Only those attachments listed above and the attachment provided with this unit have been tested for use with this powerhead.

ADDITIONAL SAFETY RULES FOR OPTIONAL ATTACHMENTS

⚠ WARNING: For each optional attachment used, read entire instruction manual before use and follow all warnings and instructions in manual and on attachment.

NOTE: Use the assist handle included with your unit (as shown below) when operating the following attachments.



BLOWER SAFETY

⚠ WARNING: Never put hands or other objects into blower housing to avoid serious injury from rotating impeller.

⚠ WARNING: Inspect area before starting unit. Remove all debris and hard objects such as rocks, glass, wire, etc. that can ricochet, be thrown, or otherwise cause injury or damage during operation.

- Inspect unit before each use for worn, loose, missing or damaged parts. Do not use until unit is in proper working order.
- Do not set unit on any surface except a clean, hard area. Debris such as gravel, sand, dust, grass, etc., could be picked up by the air intake and thrown out through discharge opening, damaging unit, property, or causing serious injury to bystanders or operator.
- Never place objects inside the blower tubes or blower outlet. Always direct the blowing debris away from people, animals, glass, and solid objects such as trees, automobiles, walls, etc. The force of air can cause rocks, dirt, or sticks to be thrown or to ricochet which can hurt people or animals, break glass, or cause other damage.
- Check air intake opening and blower tubes frequently, always with unit stopped and power source disconnected. Keep vents

and discharge tubes free of debris which can accumulate and restrict proper air flow.

- Never place any object in air intake opening as this could restrict proper air flow and cause damage to the unit.
- Never douse or squirt the unit with water or any other liquid. Clean unit and labels with a damp sponge. Keep handles dry, clean, and free from oil and grease.
- Never use for spreading chemicals, fertilizers, or other substances which may contain toxic materials.
- To avoid spreading fire, do not use near leaf or brush fires, fireplaces, barbecue pits, ashtrays, etc.

CULTIVATOR SAFETY

⚠ DANGER: RISK OF CUT. KEEP HANDS AND FEET AWAY FROM TINES AND CUTTING AREA. Rotating tines can cause serious injury. Do not attempt to clear away cut material or hold material to be cut when the motor is running. Make sure powerhead is stopped and disconnected from power source when removing jammed material from the tines. Do not grab or hold attachment by the tines.

⚠ WARNING: Rotating tines can cause serious injury. Keep away from rotating tines. Stop the unit and disconnect the power source before unclogging tines or making repairs.



⚠ WARNING: Inspect the area to be cultivated before starting the unit. Remove all debris and hard and sharp objects such as rocks, vines, branches, rope, string, etc.

- Hold the unit firmly with both hands
- Keep firm footing and balance. Do not over-reach or stand on unstable surfaces.
- Look behind and use care when backing up.
- Keep all parts of your body away from the tines.
- Never operate the cultivator without the tine guard in place and properly secured.
- Keep the tines and guard clear of debris. Always wear gloves when servicing or cleaning the tines. The tines become very sharp from use.
- Avoid heavy contact with solid objects that might stop the tines. If heavy contact occurs, stop the motor and inspect the unit for damage.
- After striking a foreign object, stop the unit, disconnect the power source and inspect the cultivator for damage. Repair before re-starting.
- Disconnect attachment from the drive motor before cleaning the tines with a hose and water to remove any build-up. Oil the tines to prevent rust.
- Do not run unit at high speed unless cultivating.

EDGER SAFETY

⚠ DANGER: RISK OF CUT. KEEP HANDS AND FEET AWAY FROM BLADE AND CUTTING AREA. Do not attempt to clear away cut material when the blade is in motion. Make sure switch is in the off position and the power source is disconnected when removing jammed material from the cutting blade. Do not grab or hold unit by the cutting blade. Inspect the area to be edged before each use. Remove objects (rocks, broken glass, nails, wire, etc.) which can be thrown by the blade or can wrap around the shaft.

⚠ WARNING: Inspect the area to be edged before each use. Remove objects (rocks, broken glass, nails, wire, etc.) which can be thrown by the blade or can wrap around the shaft.

- Blade rotates momentarily after the trigger is released. The blade can seriously cut you or others.
- Allow blade to stop before removing it from the cut.

Blade rotates momentarily after the trigger is released.



Allow blade to stop before removing it from the cut.



- Hold the unit firmly with both hands.
- Keep firm footing and balance. Do not over-reach or stand on unstable surfaces.
- Throw away blades that are bent, warped, cracked, broken or damaged in any other way. Replace parts that are cracked, chipped, or damaged before using the unit.
- Keep all parts of your body away from the blade.
- Keep blade guard in place and in good working order.
- Always keep the wheel in contact with the ground.
- Always push the unit slowly over the ground. Stay alert for uneven sidewalks, holes in the terrain, large roots, etc.
- To reduce the risk of fire, do not allow excessive grass, leaves, or grease to accumulate on the attachment.
- Objects struck by the cutting member can cause serious injuries to persons. The lawn should always be carefully examined and cleared of all objects prior to edging.

SAVE THESE INSTRUCTIONS

⚠ WARNING: Use of any other attachments not recommended in this manual may increase the risk of injury to persons, fire, or electrical shock. Use of attachments not covered under the list of recommended attachments in this manual have not been evaluated for use with this powerhead by Underwriters Laboratories (see RECOMMENDED ATTACHMENTS).

⚠ WARNING: This unit is not designed for use with a brushcutter attachment.

VACUUM SAFETY

⚠ WARNING: Inspect area before starting unit. Remove all debris and hard objects such as rocks, glass, wire, etc. that can ricochet, be thrown, or otherwise cause injury or damage during operation.

- Never place objects inside the vacuum tube(s). Always direct the blowing debris away from people, animals, glass, and solid objects such as trees, automobiles, walls, etc. The force of air can cause rocks, dirt, or sticks to be thrown or to ricochet which can hurt people or animals, break glass, or cause other damage.
- Never run unit without the proper equipment attached. When using your unit as a vacuum, always install vacuum tube(s).

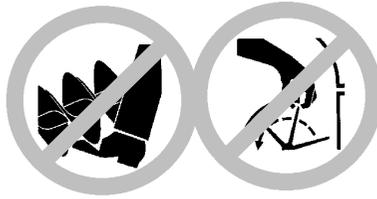
- Check air intake opening or vacuum tube(s) frequently, always with engine stopped and unit disconnected from power source. Keep vents and tubes free of debris which can accumulate and restrict proper air flow.

PRUNER SAFETY (RECIPROCATING BLADE)

⚠ WARNING: The reciprocating blade can cause severe injury. Inspect the unit before use. Do not operate unit with a bent, cracked or dull blade. Keep away from the blade.

⚠ WARNING: The reciprocating blade is sharp. Do not touch. To prevent serious injury, always stop engine and ensure blade has stopped moving, disconnect unit from power source, and wear gloves when changing or handling the blade.

⚠ WARNING: A coasting blade can cause injury while it continues to move after the engine is stopped. Maintain proper control of the unit until the blade has completely stopped moving. Keep hands, face and feet at a distance from all moving parts. Do not attempt to touch or stop the blade when it is moving.



WARNING: For additional information, refer to the safety section of the instruction manual supplied with your pruner attachment.

HEDGE TRIMMER SAFETY

DANGER: RISK OF CUT; KEEP HANDS AWAY FROM BLADE - Blade moves momentarily after the trigger is released. Do not attempt to clear away cut material when the blade is in motion. Make sure the unit is disconnected from the power source and the blade has stopped moving before removing jammed material from the cutting blade. Do not grab or hold the unit by the cutting blade.

Blades move momentarily after the trigger is released.



Allow blades to stop before removing them from the cut.



WARNING: Inspect the area before starting the unit. Remove all debris and hard objects such as rocks, glass, wire, etc. that can ricochet, be thrown, or otherwise cause injury or damage during operation.

- Do not use a cutting blade that is bent, warped, cracked, broken or damaged in any other way. Have worn or damaged parts replaced by your authorized service dealer.
- Always keep unit in front of your body. Keep all parts of your body away from the cutting blade.
- Keep the cutting blade and air vents clear of debris.

SNOW THROWER SAFETY

WARNING: Keep hands and feet away from the rotor when starting or running the unit. Never attempt to clear the rotor with the motor running. Stop the unit and disconnect from the power source before unclogging snow or debris from discharge chute or when adjusting vanes.

WARNING: Never lean over discharge chute. Rocks or debris could be thrown into the eyes and face and cause serious injury or blindness.

WARNING: Inspect the area where the unit is to be used. Remove objects that could be thrown or damage the unit. Some objects may be hidden by fallen snow - be alert for the possibility.

- Direct material discharge away from glass enclosures, automobiles, etc.
- Do not run motor at high speed while not removing snow.
- Be attentive when using the snowthrower, and stay alert for holes in the terrain and other hidden hazards.
- Make sure the rotor will spin freely before attaching the snowthrower to the powerhead.
- If the rotor will not rotate freely due to frozen ice, thaw the unit thoroughly before attempting to operate under power.
- Keep the rotor clear of debris.
- Do not throw snow near other people. The snow thrower could propel small objects at high speed causing injury.
- After striking a foreign object, stop the unit, disconnect from the power source and inspect the snowthrower for damage and repair if necessary before restarting unit.
- Never operate the snowthrower near glass enclosures, automobiles and trucks.
- Never attempt to use the snowthrower on a roof.
- Never operate the snowthrower near window wells, dropoffs, etc.
- Never discharge snow onto public roads or near moving traffic.
- Clear snow from slopes by going up and down; never across. Use caution when changing directions. Never clear snow from steep slopes.
- Let snowthrower run for a few minutes after clearing snow so moving parts do not freeze.
- Look behind and use care when backing up. Exercise caution to avoid slipping or falling, especially when operating in reverse.
- Know how to stop quickly.

ASSEMBLY

WARNING: If received assembled, review all assembly steps to ensure your unit is properly assembled and all fasteners are secure. Examine parts for damage. Do not use damaged parts.

NOTE: If you need assistance or find parts missing or damaged, call 1-800-554-6723.

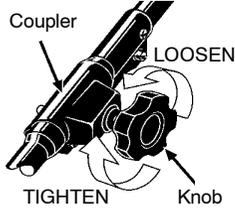
TOOLS REQUIRED

- Hex wrench
- Chain adjustment tool (bar tool)

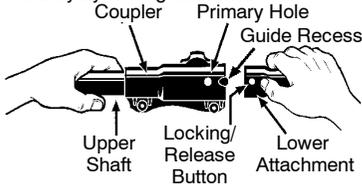
INSTALLING PRUNER OR LINE TRIMMER ATTACHMENT

CAUTION: When removing or installing attachments, place the unit on a flat surface for stability.

1. Loosen the coupler by turning the knob counterclockwise.



2. Remove the shaft cap from attachment (if present).
3. Position locking/release button of attachment into guide recess of coupler.
4. Push the attachment into the coupler until the locking/release button snaps into the primary hole.
5. Before using the unit, tighten the knob securely by turning clockwise.



WARNING: Make sure the locking/release button is locked in the primary hole and the knob is securely tightened before operating the unit. All attachments are designed to be used in the primary hole.

For assembly of optional attachments (see list on page 7), refer to the ASSEMBLY section of the applicable attachment instruction manual.

SHOULDER STRAP ASSEMBLY

WARNING: Proper shoulder strap adjustments must be made with the motor completely stopped before using unit.

1. Try on shoulder strap and adjust for fit and balance before starting the unit or beginning a cutting operation.
2. Insert your right arm and head through the shoulder strap and allow it to rest on your left shoulder. Make sure the danger sign is centered on your back and the hook is to the right side of your waist.

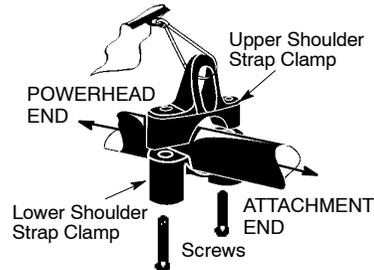
NOTE: A one-half twist is built in the shoulder strap to allow the strap to rest flat on the shoulder.

3. Adjust the strap, allowing the hook to be about 3 - 6 inches (8 - 15 cm) below the waist.
4. Fasten the strap hook to the clamp located between the trigger handle and the assist handle and lift the tool to the operating position.

NOTE: It may be necessary to relocate the shoulder strap clamp on the shaft for proper balancing of unit.

TO RELOCATE SHOULDER STRAP CLAMP:

1. Loosen and remove both clamp screws.
2. Place the upper shoulder strap clamp over the upper shaft.
3. Position the lower shoulder strap clamp under the upper shaft and align the upper and lower clamp screw holes.



4. Insert two screws into the screw holes.
5. Secure shoulder strap clamp by tightening screws with a hex wrench.

ADJUSTING THE ASSIST HANDLE

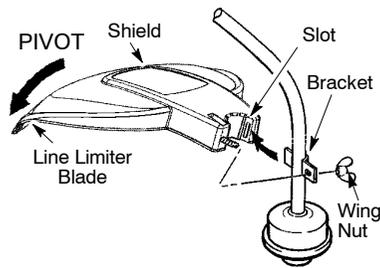
WARNING: When adjusting the assist handle during pruner use, be sure it remains between the coupler and the lower arrow (closest to coupler) on the safety label to ensure proper balancing of unit. When adjusting the assist handle during use of optional attachments, it must be repositioned between the trigger switch and the upper arrow (closest to motor) on the safety label.

1. Loosen wing nut on handle.
2. Rotate the handle on the shaft to an upright position; retighten wing nut.

ATTACHING SHIELD (for line trimmer attachment)

WARNING: The shield must be properly installed. The shield provides partial protection from the risk of thrown objects to the operator and others and is equipped with a line limiter blade which cuts excess line to the proper length. The line limiter blade (on underside of shield) is sharp and can cut you. For proper orientation of shield, see **KNOW YOUR TRIMMER ATTACHMENT** illustration in **OPERATION** section.

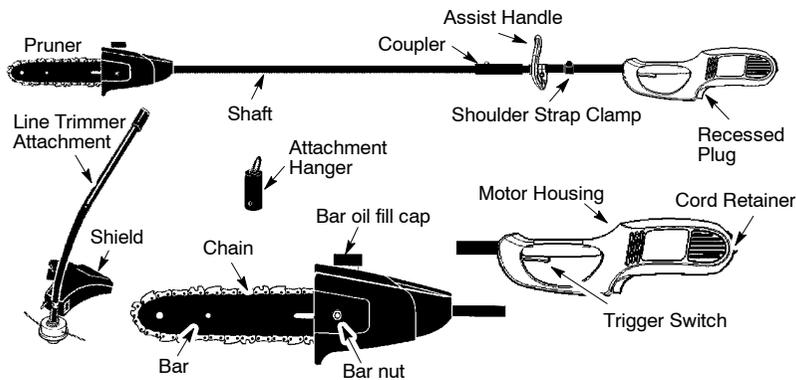
1. Remove wing nut from shield.
2. Insert bracket into slot as shown.
3. Pivot shield until bolt passes through hole in bracket.
4. Securely tighten wing nut onto bolt.



OPERATION

KNOW YOUR UNIT

READ THIS INSTRUCTION MANUAL AND SAFETY RULES BEFORE OPERATING YOUR UNIT. Compare the illustrations with your unit to familiarize yourself with the location of the various controls and adjustments. Save this manual for future reference.



RECESSED PLUG

The RECESSED PLUG is where you attach your extension cord to the unit.

TRIGGER SWITCH

The TRIGGER SWITCH is used to turn on the unit. Squeeze the trigger switch to operate the unit. Release to stop.

COUPLER

The COUPLER enables optional attachments to be installed on the unit.

CHAIN TENSION

It is normal for a new chain to stretch during first 15 minutes of operation. You should check your chain tension frequently. See **CHAIN TENSION** in the **SERVICE AND ADJUSTMENTS** section.

OPERATING INSTRUCTIONS

Use only a voltage supply as specified on your unit.

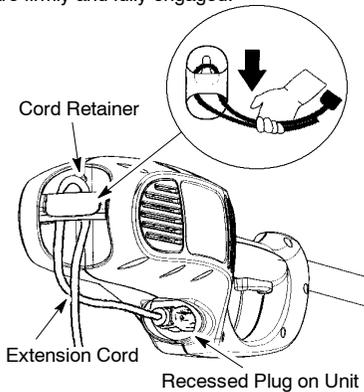
SELECT AN EXTENSION CORD

Extension Cord Gauge Chart	
Length of Cord	Gauge
25 Ft. (7.5 m)	18 Gauge
50 Ft. (15 m)	16 Gauge
100 Ft. (30 m)	14 Gauge

Extension cords are available for this unit.

ATTACH THE EXTENSION CORD TO YOUR UNIT

Make a loop in your extension cord and attach the cord as shown. Ensure the plug and cord are firmly and fully engaged.



BEFORE STARTING UNIT

Be sure to read the electrical safety information in the safety rules section of this manual before you begin. If you do not understand the electrical safety information do not attempt to use your unit. Seek help from someone that does understand the information or call the customer assistance help line at 1-800-554-6723.

GUIDE BAR AND CHAIN OIL

The bar and chain require lubrication. The chain oiler provides continuous lubrication to the chain and guide bar. Lack of oil will quickly ruin the bar and chain. Too little oil will cause overheating shown by smoke coming from the chain and/or discoloration of the bar. The oil output is automatically metered during operation. Always fill the bar oil tank before and during use as needed (capacity = 4.6 fl. oz.).

Genuine Poulan bar and chain oil is recommended to protect your unit against excessive wear from heat and friction. Poulan oil resists high temperature thinning.

If Poulan bar and chain oil is not available, use a good grade SAE 30 oil.

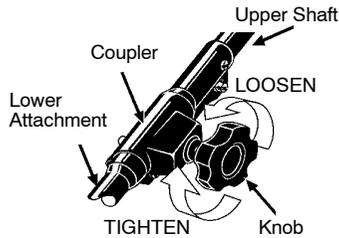
- Never use waste oil for bar and chain lubrication.
- Always stop the unit before removing the oil cap.

⚠ WARNING: Always stop unit and disconnect from power source before removing or installing attachments.

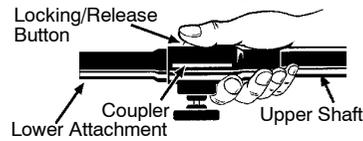
REMOVING PRUNER ATTACHMENT, LINE TRIMMER ATTACHMENT OR OTHER OPTIONAL ATTACHMENTS

CAUTION: When removing or installing attachments, place the unit on a flat surface for stability.

1. Loosen the coupler by turning the knob counterclockwise.



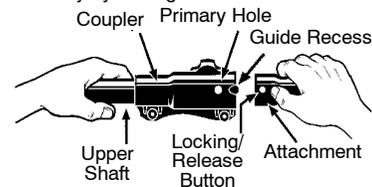
2. Press and hold the locking/release button.



3. While securely holding the motor housing and upper shaft, pull the attachment straight out of the coupler.

INSTALLING OPTIONAL ATTACHMENTS

1. Remove the shaft cap from the attachment (if present).
2. Position locking/release button of attachment into guide recess of coupler.
3. Push the attachment into the coupler until the locking/release button snaps into the primary hole.
4. Before using the unit, tighten the knob securely by turning clockwise.



⚠ WARNING: Make sure the locking/release button is locked in the primary hole and the knob is securely tightened before operating the unit.

INSTALLING ATTACHMENT HANGER

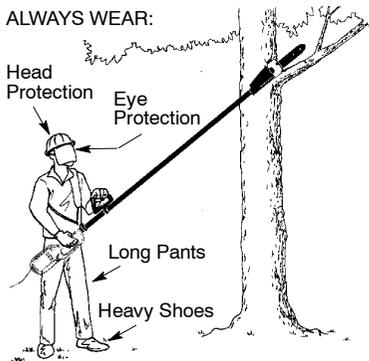
An attachment hanger is provided for storage when attachment is not in use. To install hanger on attachment:

1. Remove the shaft cap from the attachment (if present) and discard.
2. Press and hold the locking/release button.
3. Push hanger onto the attachment until the locking/release button snaps into the hole.

OPERATING INSTRUCTIONS FOR PRUNER ATTACHMENT

OPERATING POSITION

ALWAYS WEAR:



⚠ DANGER: Do not extend arms above shoulders while pruning. Do not stand beneath branch being cut.

⚠ WARNING: Always wear head, eye, hearing, foot and body protection to reduce the risk of injury when operating this unit. When operating unit, clip shoulder strap onto clamp, stand as shown and check for the following:

- Extend your left arm and hold assist handle with your left hand.
- Hold trigger handle with your right hand with finger on trigger switch.
- Keep motor end below waist level.
- Keep shoulder strap pad centered on your left shoulder and danger sign centered on your back.
- Maintain full weight of tool on your left shoulder.

Always release the trigger switch as soon as the cut is completed, allowing the motor to stop. Keep the cord away from the cutting area. Position cord so it will not be caught on branches and the like during cutting.

PRUNING

⚠ WARNING: Be alert for and guard against kickback. Do not allow the moving chain to contact any other branches or objects at the nose of the guide bar when pruning. Allowing such contact can result in serious injury.

IMPORTANT POINTS

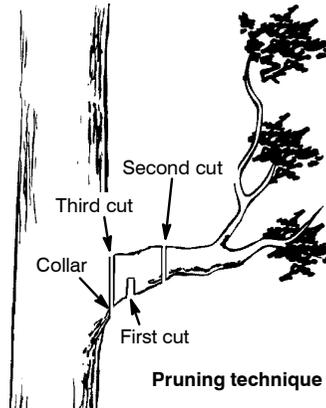
- Work slowly, keeping both hands firmly gripped on the pruner. Maintain secure footing and balance.
- Plan cut carefully. Check direction branch will fall.
- Watch out for springpoles. Springpoles are small size limbs which can catch the chain and whip toward you or pull you off balance. Use extreme caution when cutting small size limbs or slender material.
- Watch out for branches immediately behind the branch being pruned. If the chain hits

the rear branch, damage to the unit may occur.

- Be alert for springback. Watch out for branches that are bent or under pressure. Avoid being struck by the branch or the pruner when the tension in the wood fibers is released.
- Keep a clear work area. Frequently clear branches out of the way to avoid tripping over them.
- Long branches should be removed in several pieces.

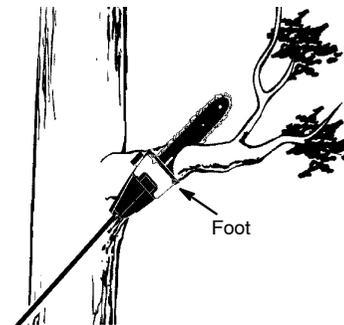
PRUNING TECHNIQUE

When ready to cut, squeeze trigger switch and allow unit to reach full speed. Apply a light cutting pressure. DO NOT use back and forth sawing action.



1. Make the first cut 6 inches (15 cm) from the tree trunk on the bottom of the limb. Use top of guide bar to make this cut. Cut 1/3 through the diameter of the limb.

NOTE: When making the second and third cuts, rest the foot of the pruner against the tree limb that is being cut to prevent whipping of the branch.

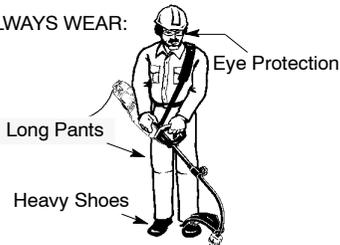


2. Next, move 2 - 4 inches (5 - 10 cm) farther out on the limb and make a second cut all the way through the limb.
3. Then, make a final cut leaving a 1 - 2 inch (2.5 - 5 cm) collar from the trunk of the tree to avoid damage to the tree.

OPERATING INSTRUCTIONS FOR TRIMMER ATTACHMENT

OPERATING POSITION

ALWAYS WEAR:



Cut from your right to your left.

WARNING: Always wear eye protection. Never lean over the trimmer head. Rocks or debris can ricochet or be thrown into eyes and face and cause blindness or other serious injury.

When operating unit, stand as shown and check for the following:

- Wear eye protection and heavy clothing.
- Hold trigger handle with right hand and assist handle with left hand.
- Keep unit below waist level.
- Cut from your right to your left to ensure debris is thrown away from you. Without bending over, keep line near and parallel to the ground and not crowded into material being cut.

TRIMMER LINE ADVANCE

The trimmer line will advance approximately 2 inches (5 cm) each time the bottom of the trimmer head is tapped on the ground with the engine running at full throttle.

The most efficient line length is the maximum length allowed by the line limiter.

Always keep the shield in place when the tool is being operated.

To advance line:

- Operate the engine/motor at full throttle.
- Hold the trimmer head parallel to and above the grassy area.
- Tap the bottom of the trimmer head lightly on the ground one time. Approximately 2 inches (5 cm) of line will be advanced with each tap.

Always tap the trimmer head on a grassy area. Tapping on surfaces such as concrete or asphalt can cause excessive wear to the trimmer head. If the line is worn down to 2 inches (5 cm) or less, more than one tap will be required to obtain the most efficient line length.

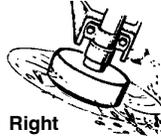
WARNING: Use only 0.080" (2 mm) diameter line. Other sizes of line will not advance properly and can cause serious injury. Do not use other materials such as wire, string, rope, etc. Wire can break off during cutting and become a dangerous missile that can cause serious injury.

CUTTING METHODS

WARNING: Use minimum speed and do not crowd the line when cutting around hard objects (rock, gravel, fence posts, etc.), which can damage the trimmer head, become entangled in the line, or be thrown causing a serious hazard.

- The tip of the line does the cutting. You will achieve the best performance and minimum line wear by not crowding the line into the cutting area. The right and wrong ways are shown below.

Tip of the Line Does The Cutting



Right

Line Crowded Into Work Area

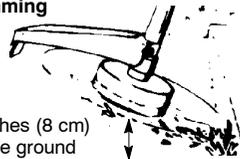


Wrong

- The line will easily remove grass and weeds from around walls, fences, trees and flower beds, but it also can cut the tender bark of trees or shrubs and scar fences.
- For trimming or scalping, use less than full throttle to increase line life and decrease head wear, especially:
 - During light duty cutting.
 - Near objects around which the line can wrap such as small posts, trees or fence wire.
- For mowing or sweeping, use full throttle for a good clean job.

TRIMMING - Hold the bottom of the trimmer head about 3 inches (8 cm) above the ground and at an angle. Allow only the tip of the line to make contact. Do not force trimmer line into work area.

Trimming



3 inches (8 cm) above ground

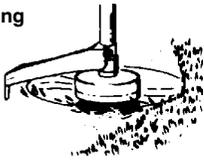
SCALPING - The scalping technique removes unwanted vegetation down to the ground. Hold the bottom of the trimmer head about 3 in. (8 cm) above the ground and at an angle. Allow the tip of the line to strike the ground around trees, posts, monuments, etc. This technique increases line wear.

Scalping



MOWING - Your trimmer is ideal for mowing in places conventional lawn mowers cannot reach. In the mowing position, keep the line parallel to the ground. Avoid pressing the head into the ground as this can scalp the ground and damage the tool.

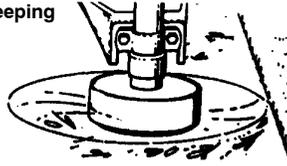
Mowing



SWEEPING - The fanning action of the rotating line can be used for a quick and easy clean up. Keep the line parallel to and above

the surfaces being swept and move the tool from side to side.

Sweeping



MAINTENANCE

⚠ WARNING: Disconnect unit from power source before performing maintenance.

CHECK FOR LOOSE FASTENERS AND PARTS

- Bar clamp nut
- Chain
- Bar adjusting screw
- Housing screws
- Assist handle screw
- Debris shield

CHECK FOR DAMAGED OR WORN PARTS

Contact an authorized service dealer for replacement of damaged or worn parts.

- Trigger switch - Ensure trigger switch functions properly by pressing and releasing the trigger switch. Make sure motor starts and stops.
- Oil tank - Discontinue use of unit if oil tank shows signs of damage or leaks.

INSPECT AND CLEAN UNIT AND LABELS

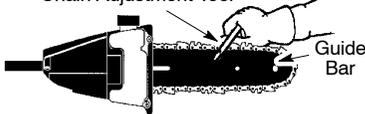
- After each use, inspect complete unit for loose or damaged parts. Clean the unit and labels using a damp cloth.
- Wipe off unit with a clean dry cloth.

CHECK CHAIN TENSION

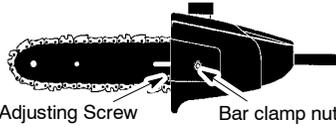
⚠ WARNING: Wear protective gloves when handling chain. The chain is sharp and can cut you even when it is not moving. Make chain adjustments with lower end supported. Chain tension is very important. Chains stretch during use. This is especially true during the first few times you use your pruner. Always check chain tension each time you use your unit.

1. Use the screwdriver end of the chain adjustment tool (bar tool) to move chain around guide bar to ensure kinks do not exist. The chain should rotate freely.

Chain Adjustment Tool



2. Loosen bar clamp nut until it is finger tight against the bar clamp.



Adjusting Screw

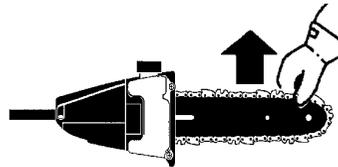
Bar clamp nut

3. Turn adjusting screw clockwise until chain solidly contacts bottom of guide bar rail. Then, turn adjusting screw an additional 1/4 turn.

Adjusting Screw - 1/4 Turn



4. Using bar tool, roll chain around guide bar to ensure all links are in bar groove.
5. Lift up tip of guide bar to check for sag. Release tip of guide bar, then turn adjusting screw 1/4 turn clockwise. Repeat until sag does not exist.
6. While lifting tip of guide bar, tighten bar clamp nut securely with the bar tool.



7. Use the screwdriver end of the bar tool to move chain around guide bar.
8. If chain does not rotate, it is too tight. Slightly loosen bar clamp nut and loosen chain by turning the adjusting screw 1/4 turn counterclockwise. Retighten bar clamp nut.
9. If chain is too loose, it will sag below the guide bar and needs to be tightened following above procedure.

⚠ WARNING: DO NOT operate the pruner if the chain is loose. If the pruner is operated with a loose chain, the chain could jump off the guide bar and result in serious injury.

CHECK CHAIN SHARPNESS

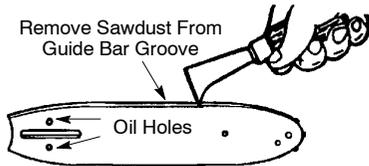
A sharp chain makes wood chips. A dull chain makes a sawdust powder and cuts slowly. See CHAIN SHARPENING in the SERVICE AND ADJUSTMENTS section.

BAR MAINTENANCE

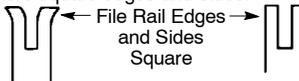
If your pruner cuts to one side, has to be forced through the cut, or been run with an improper amount of bar lubrication it may be necessary to service your bar. A worn bar will damage your chain and make cutting difficult. After each use, with unit disconnected from power source, clean all sawdust from the guide bar and sprocket hole.

To maintain guide bar:

- Disconnect pruner from power source.
- Loosen and remove bar clamp nut and chain brake. Remove bar and chain from pruner.
- Clean the oil holes and bar groove after each 5 hours of operation.



- Burring of guide bar rails is a normal process of rail wear. Remove these burrs with a flat file.
- When rail top is uneven, use a flat file to restore square edges and sides.

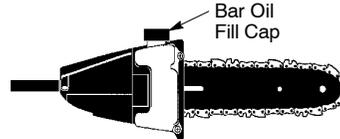


Worn Groove

Correct Groove

Replace guide bar when the groove is worn, the guide bar is bent or cracked, or when excess heating or burring of the rails occurs. If replacement is necessary, use only the guide bar specified for your pruner in the repair parts list.

LUBRICATION



- See GUIDE BAR AND CHAIN OIL under the OPERATION section.

SERVICE AND ADJUSTMENTS

WARNING: Disconnect unit from power source before performing service or making adjustments.

CHAIN SHARPENING

Improper chain sharpening techniques and/or depth gauge maintenance will increase the chance of kickback which can result in serious injury. Wear protective gloves when handling chain. The chain is sharp and can cut you even when it is not moving.

Conditions which indicate the need for chain sharpening:

- Reduction in size of wood chips. The size of the wood chip will decrease as the chain gets duller until it becomes more like a powder than a chip. Note that dead or rotted wood will not produce a good chip.
- Saw cuts to one side or at an angle.
- Saw has to be forced through the cut.

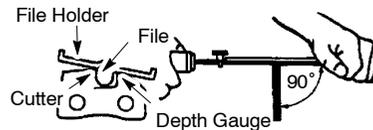
Tools required:

- 3/16 inch (4,5 mm) diameter round file and file holder
- Flat file
- Depth gauge tool

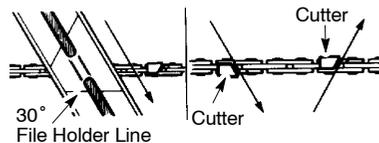
TO SHARPEN CHAIN:

1. Disconnect pruner from power source.
2. Check chain for proper tension. Adjust chain tension if necessary. See CHECK CHAIN TENSION section.
3. Sharpen cutters.
 - To sharpen the cutters, position the file holder level (90°) so that it rests on the top edges of the cutter and depth gauge.

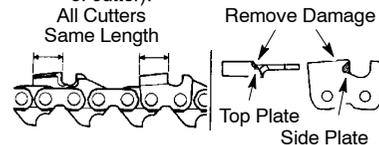
NOTE: The chain has both left and right hand cutters.



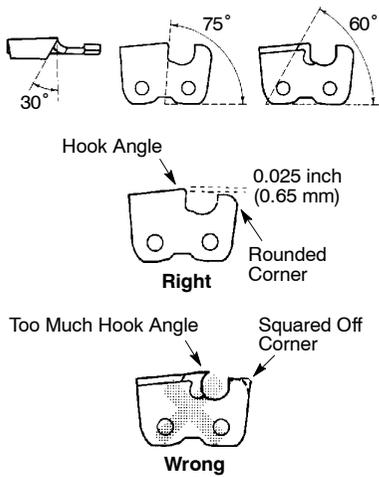
- Align the 30° file holder marks parallel with the bar and to the center of the chain.



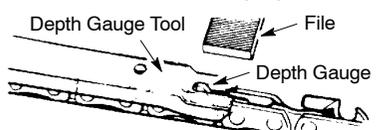
- Sharpen cutters on one side of the chain first. File from the inside of each cutter to the outside. Then, turn the chain saw around and repeat the process for the other side of the chain.
- File on the forward stroke only. Use 2 or 3 strokes per cutting edge.
- Keep all cutters the same length when filing.
- File enough to remove any damage to cutting edges (side plate and top plate of cutter).



- File chain to meet the specifications as shown.



WARNING: Maintain the proper hook angle according to the manufacturer's specifications for the chain you are using. Improper hook angle will increase the chance of kickback which can result in serious injury.



- Place gauge tool on cutter.
- If the depth gauge is higher than the depth gauge tool, file it level to the top of the depth gauge tool.
- Maintain rounded front corner of depth gauge with a flat file.

NOTE: The very top of the depth gauge should be flat with the front half rounded off with a flat file.

If you require further assistance or are unsure about performing this procedure, contact your authorized service dealer or call our customer assistance help line at 1-800-554-6723.

CHAIN REPLACEMENT

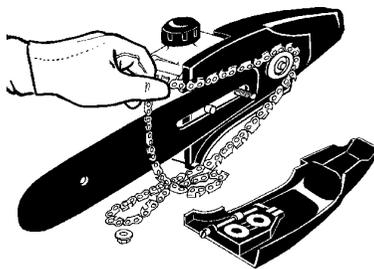
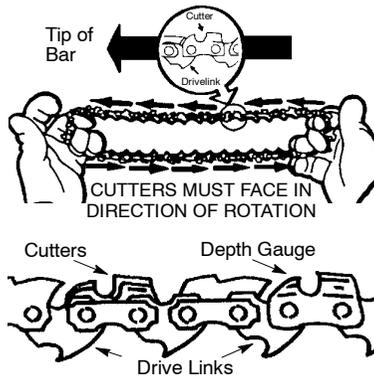
WARNING: Wear protective gloves when handling chain. The chain is sharp and can cut you even when it is not moving. It is normal for a new chain to stretch during the first 15 minutes of operation. You should recheck your chain tension frequently and adjust the chain tension as required. See CHAIN TENSION section.

Replace the old chain when it becomes worn or damaged. Use only the Low-Kickback replacement chain specified in the repair parts list.

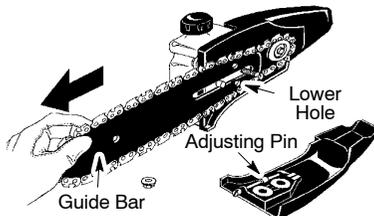
TO REPLACE CHAIN:

1. Disconnect pruner from power source.
2. Remove bar clamp nut.
3. Remove bar clamp.

4. Turn adjusting screw by hand counter-clockwise until adjusting pin just touches the stop.
5. Slide guide bar behind sprocket until guide bar stops against sprocket.
6. Remove the old chain.
7. Carefully remove new chain from package. Hold chain with the drive links as shown.



8. Place chain over sprocket, fitting the drive links in the sprocket.
9. Fit bottom of drive links between the teeth in the sprocket in the nose of the guide bar.
10. Fit chain drive links into bar groove.
11. Pull guide bar forward until chain is snug in guide bar groove. Ensure all drive links are in the bar groove.
12. Now, install bar clamp making sure the adjusting pin is positioned in the lower hole in the guide bar.



13. Install bar clamp nut and finger tighten only. Do not tighten any further at this point. Proceed to the CHAIN ADJUSTMENT section.

CHAIN ADJUSTMENT

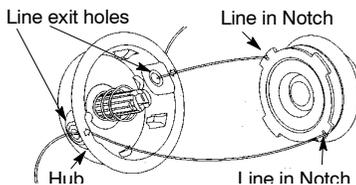
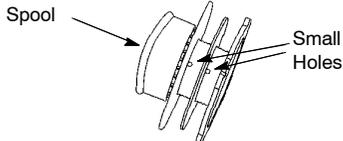
See CHECK CHAIN TENSION in MAINTENANCE section.

REPLACING THE LINE (for line trimmer attachment)

1. Remove spool by firmly pulling on tap button.
2. Clean entire surface of hub and spool.
3. Replace with a pre-wound spool, or cut two lengths of 12-1/2 feet of 0.080" (2 mm) diameter Poulan brand line.

⚠ WARNING: Never use wire, rope, string, etc., which can break off and become a dangerous missile.

4. Insert ends of the lines about 1/2 inch (1 cm) into the small holes on the inside of spool.



5. Wind the line evenly and tightly onto the spool. Wind in the direction of the arrows found on the spool.
6. Push the lines into the notches, leaving 3 to 5 inches (7 - 12 cm) unwound.
7. Insert the lines into the the exit holes in the hub as shown in the illustration.
8. Align the notches with the line exit holes.
9. Push spool into hub until it snaps into place.
10. Pull the lines extending outside of the hub to release the lines from the notches.

USER REPLACEABLE SERVICE PARTS

REPLACEMENT PART	PART NUMBER
Assist handle	530057546
Bolt carriage, 1/4-20	530015786
Wing nut	530016152
Bar	530044908
Chain	952051549
Hex nut	530015917
Oil cap	530053072
Bar adjusting screw/pin kit	530069110
Spool with 0.080" trimmer line	952711616
Shield assembly	530071964-01

STORAGE

⚠ WARNING: Perform the following steps after each use.

- Stop the unit and disconnect the power source when not in use.
- Carry the unit with motor stopped.
- Allow motor to cool before storing or transporting.
- Store unit and extension cord indoors in a high, dry place out of the reach of children. Store unit unplugged.
- Store unit with all guards in place and position unit so that any sharp object cannot accidentally cause injury.

SEASONAL STORAGE

Prepare your unit for storage at the end of the season or if it will not be used for 30 days or more.

If your unit is to be stored for a period of time:

- Clean it thoroughly before lengthy storage.
- Store in a clean dry area.
- Lightly oil external metal surfaces and guide bar.
- Oil the chain and wrap it in heavy paper or cloth.

TROUBLESHOOTING TABLE

⚠ WARNING: Always stop unit and disconnect from the power source before performing all of the recommended remedies below except remedies that require unit to be operating.

TROUBLE	CAUSE	REMEDY
Chain does not move when trigger switch is engaged.	<ol style="list-style-type: none"> 1. Chain tension incorrect. 2. Guide bar rails pinched. 3. Trigger switch failure. 4. Circuit breaker tripped/ fuse failure. 	<ol style="list-style-type: none"> 1. See "Check Chain Tension" in Maintenance section. 2. Repair or replace. 3. Contact an authorized service dealer. 4. Reset circuit breaker or replace fuse.
Chain clatters or cuts roughly.	<ol style="list-style-type: none"> 1. Chain tension incorrect. 2. Cutters damaged. 3. Chain worn. 4. Cutters dull, improperly sharpened, or depth gauges too high. 5. Sprocket worn. 	<ol style="list-style-type: none"> 1. See "Check Chain Tension" in Maintenance Section. 2. Contact an authorized service dealer. 3. Resharpen or replace chain. 4. See "Chain Sharpening" in Service and Adjustments section. 5. Contact an authorized service dealer.
Chain stops during cut.	<ol style="list-style-type: none"> 1. Chain cutter tops not filed flat. 2. Guide bar burred or bent; rails uneven. 	<ol style="list-style-type: none"> 1. See "Chain Sharpening" in Service and Adjustments section. 2. Repair or replace guide bar.
Oil inadequate for bar and chain lubrication.	<ol style="list-style-type: none"> 1. Oil tank empty. 2. Oil outlet clogged. 3. Guide bar oil hole blocked. 	<ol style="list-style-type: none"> 1. Fill oil tank. 2. Contact an authorized service dealer. 3. Remove bar and clean.
Chain cuts at an angle.	<ol style="list-style-type: none"> 1. Cutters damaged on one side. 2. Chain dull on one side. 3. Guide bar bent or worn. 	<ol style="list-style-type: none"> 1. See "Chain Sharpening" in Service and Adjustments section. 2. See "Chain Sharpening" in Service and Adjustments section. 3. Replace guide bar.
Trimmer head stops under a load or does not turn when switch is pressed.	<ol style="list-style-type: none"> 1. Crowding trimmer line against material being cut. 2. Electrical failure. 3. Thrown circuit breaker. 4. Debris stopping head. 	<ol style="list-style-type: none"> 1. Allow tip of line to do the cutting. 2. Contact your authorized service dealer. 3. Check Breaker Box. 4. Remove debris.
Line does not advance or breaks while cutting.	<ol style="list-style-type: none"> 1. Line improperly routed in head. 2. Line improperly wound into spool. 3. Incorrect line size 4. Not enough line outside of head. 5. Dirt buildup on unit. 	<ol style="list-style-type: none"> 1. Check line routing. 2. Rewind line tightly and evenly. 3. Use only 0.080 inch (2 mm) dia. line. 4. Remove cover and pull 4 inches (10 cm) of line out of head. 5. Clean unit.
Line welds onto spool.	<ol style="list-style-type: none"> 1. Line size is incorrect. 2. Incorrect spool. 3. Line is being crowded against material being cut. 	<ol style="list-style-type: none"> 1. Use only 0.080 inch (2 mm) dia. line. 2. Replace with correct spool. 3. Cut with tip of line fully extended.
Line releases continuously.	<ol style="list-style-type: none"> 1. Line improperly routed in head. 2. Spool damaged. 	<ol style="list-style-type: none"> 1. Check line routing. 2. Replace spool.

TROUBLESHOOTING TABLE (continued)

TROUBLE	CAUSE	REMEDY
Line usage is excessive.	<ol style="list-style-type: none"> 1. Line improperly routed in head. 2. Line size is incorrect. 3. Crowding line against material being cut. 4. Spool worn or damaged. 	<ol style="list-style-type: none"> 1. Check line routing. 2. Replace spool. 3. Cut with tip of line fully extended. 4. Replace spool.
Line pulls back into head.	<ol style="list-style-type: none"> 1. Too little line outside of head. 2. Line size incorrect. 	<ol style="list-style-type: none"> 1. Remove cover and pull 4 inches (10 cm) of line outside of head. 2. Use only 0.080 inch (2 mm) dia. line.

LIMITED WARRANTY

Poulan, a division of Husqvarna Consumer Outdoor Products N.A., Inc., warrants to the original consumer purchaser that each new **Poulan** brand electric or cordless product is free from defects in material and workmanship and agrees to repair or replace under this warranty any defective **Poulan** brand electric product within two (2) years from the original date of purchase.

If your **Poulan** brand electric or cordless product should fail within the limited warranty period, you may return it in complete condition, prepaid, with proof of purchase to the dealer from whom it was purchased for repair or replacement at the option of **Poulan**.

This warranty is not transferable and does not cover damage or liability caused by improper handling, improper maintenance or alteration, or the use of accessories and/or attachments not specifically recommended by **Poulan** for this product. This warranty does not cover parts that will wear and require replacement with reasonable use during the warranty period. This warranty does not cover pre-delivery setup or normal adjustments explained in the instruction manual.

Should you have any unanswered questions regarding this warranty, please contact:

Poulan, a division of Husqvarna Consumer Outdoor Products N.A., Inc.
7349 Statesville Road
Charlotte, NC 28269
1-800-554-6723

In Canada, contact:

Poulan
850 Matheson Blvd. West
Mississauga, Ontario L5V 0B4

Giving the model number, serial number and date of purchase of your product and the name and address of the authorized dealer from whom it was purchased.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

NO CLAIMS FOR CONSEQUENTIAL OR OTHER DAMAGES WILL BE ALLOWED, AND THERE ARE NO OTHER EXPRESS WARRANTIES EXCEPT THOSE EXPRESSLY STIPULATED HEREIN.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSION MAY NOT APPLY TO YOU.

This is a limited warranty within the meaning of that term as defined in the Magnuson-Moss Act of 1975.

The policy of **Poulan** is to continuously improve its products. Therefore, **Poulan** reserves the right to change, modify, or discontinue models, designs, specifications, and accessories of all products at any time without notice or obligation to any purchaser.