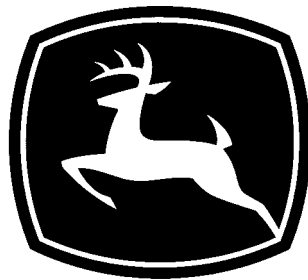


JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

QUIK TATCH - UT15520

Pole Pruner Attachment Add-On Tool

OPERATOR'S MANUAL
MANUEL DE L'UTILISATEUR / MANUAL DEL OPERADOR



JOHN DEERE

PS04565

9-02

SAVE THIS MANUAL FOR FUTURE REFERENCES

For safe operation, read these instructions and those for your power head before using this pole pruner.

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SYMBOL DEFINITION:



SAFETY ALERT SYMBOL: Indicates danger, warning, or caution. May be used in conjunction with other symbols or pictographs.



Your manual contains special messages to bring attention to potential safety concerns, machine damage as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage.



Wear eye protection which is marked to comply with ANSI Z87.1 as well as hearing and head protection when operating this equipment.



Wear non-slip safety footwear when using this equipment.



Wear non-slip, heavy-duty protective gloves when handling the pole pruner attachment and the saw chain.



Keep hands away from moving parts.



Danger- Keep children and pets away.



DANGER! Risk of electrocution! Keep all bystanders at least 50' (15m) away.



DANGER! Beware of kickback.



This decal indicates **HOT SURFACES**. Keep all body parts away from all hot surfaces.

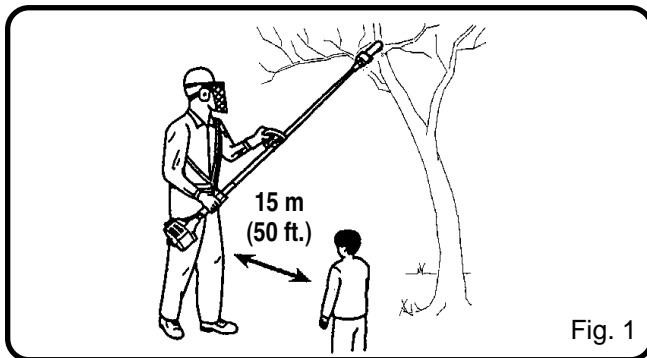
SAFETY

⚠ WARNING

For safe operation, read these instructions and those for your power head before using this pole pruner. Follow all instructions for your safety and the safety of others.

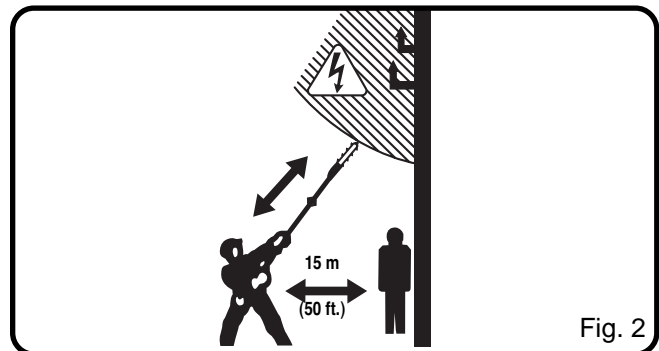
Basic Safety Precautions

- Do not allow children or untrained individuals to use this unit.
- Never start or run the engine inside a closed area; breathing exhaust fumes can kill.
- To protect from chips or falling branches, wear eye protection which is marked to comply with ANSI Z87.1 as well as hearing and head protection when operating this unit.
- Wear heavy long pants, non-slip safety footwear, gloves, and a hard hat.
- Never operate unit while bare foot or wearing open shoes.
- Do not wear loose clothing, or jewelry that might get entangled in this machine.
- Keep all bystanders, children, and pets at least 50 feet (15m) away. Remember that the operator or user is responsible for accidents occurring to bystanders, their property, as well as themselves. See Figure 1.

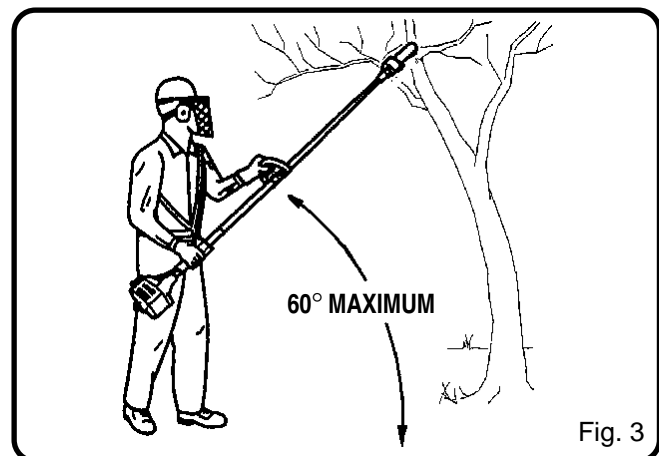


- Never operate this unit without a shoulder strap to support the unit.
- Check for damaged parts. Before further use of the appliance, any part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center. Following this rule will reduce the risk of shock, fire, or serious injury.
- Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.

- Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situation. Do not use on a ladder or unstable support.
- Secure long hair so it can not become entangled in moving parts or air intake.
- Do not operate this product when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Do not operate in poor lighting.
- Never let anyone use your machine who has not received adequate instructions in the machine's proper use. This applies to rentals as well as private owned units and also to the power head it is attached to.
- Keep the handles dry, clean, and free of oil or fuel mixture.
- Before you start the engine, make sure the chain is not contacting any object.
- Shut off the engine and make sure the cutting attachment has stopped before setting the unit down.
- To protect yourself from electrocution, do not operate within 50 feet (15m) of overhead electrical lines. See Figure 2.



- To protect yourself from falling branches, do not stand directly under the branch or limb being cut. This unit should not be held at an angle over 60° from ground level. See Figure 3.



SAFETY

WARNING

Use only the manufacturer's replacement parts. Failure to do so may cause poor performance, possible injury and may void your warranty.

Precautions Against Kickback

Kickback is a dangerous reaction that can lead to serious injury.

WARNING

KICKBACK occurs when the moving chain contacts an object at the upper portion of the tip of the guide bar or when the wood closes in and pinches the chain in the cut. Contact at the upper portion of the tip of the guide bar can cause the chain to dig into the object and stop the chain for an instant. The result is a lightning fast, reverse reaction which kicks the guide bar up and back toward the operator. If the chain is pinched along the top of the guide bar, the guide bar can be driven rapidly back toward the operator. Either of these reactions can cause loss of control of the machine which can result in serious injury.

Do not rely exclusively upon the safety devices built into your unit. As a user, you should take several steps to keep your cutting jobs free from accident or injury.

- With a basic understanding of kickback, you can reduce or eliminate the element of surprise. Sudden surprise contributes to accidents.
- Keep a good firm grip on the unit with both hands when the engine is running. Place your right hand on the rear throttle control handle and the left hand on the front handle. A firm grip will help you reduce kickback and maintain control of the unit.
- Make sure that the area in which you are cutting is free from obstructions. Do not let the nose of the guide bar contact a log, branch, fence, or any other obstruction while you are operating the unit.
- Always cut with the engine running at full speed. Fully squeeze the throttle trigger and maintain a steady cutting speed.
- Follow the sharpening and maintenance instructions for the saw chain.
- Use only the replacement guide bars and low kickback chains specified for your unit.

SAVE THESE INSTRUCTIONS

ASSEMBLY

The pole pruner attachment is fully assembled at the factory and requires no further assembly. However, you may have to attach the strap hanger (See Figure 4) if your power head does not have one.

Joining Powerhead to Pruner Attachment

⚠ WARNING

Never attach or adjust any attachment while powerhead is running. Failure to stop engine may cause serious personal injury.

See Figure 4.

The pole pruner attachment connects to the powerhead, or for extra reach, to an extension tube by means of two coupler devices. One is attached to the power head tube and the other is attached to the extension tube.

NOTE: These instructions apply to both couplers.

- To attach power head tube to extension tube.
 - Loosen the knob on the coupler at power head tube.
 - Push in the button located on the extension tube. Align the button with the indentation on the power head tube and slide the two tubes together. Rotate extension tube until button locks into the positioning hole.

- To attach pruner attachment tube to extension tube.
 - Loosen the knob on the coupler at extension tube.
 - Push in the button located on the pole pruner attachment tube. Align the button with the indentation on the extension tube and slide the two tubes together. Rotate pole pruner attachment tube until button locks into the positioning hole.
- The pole pruner attachment should only be operated with the blade in a vertical position.

NOTE: Use only the specified positioning hole for this pole pruner attachment.

NOTE: If the button does not release completely in the positioning hole, the tubes are not locked into place. Slightly rotate from side to side until the button is locked into place.

- Be certain both knobs are fully tightened before operating equipment; check them periodically for tightness during use.
- Remove bar and chain cover before use.

⚠ WARNING

Be certain both knobs are fully tightened before operating equipment; check them periodically for tightness during use to avoid serious injury or product damage.

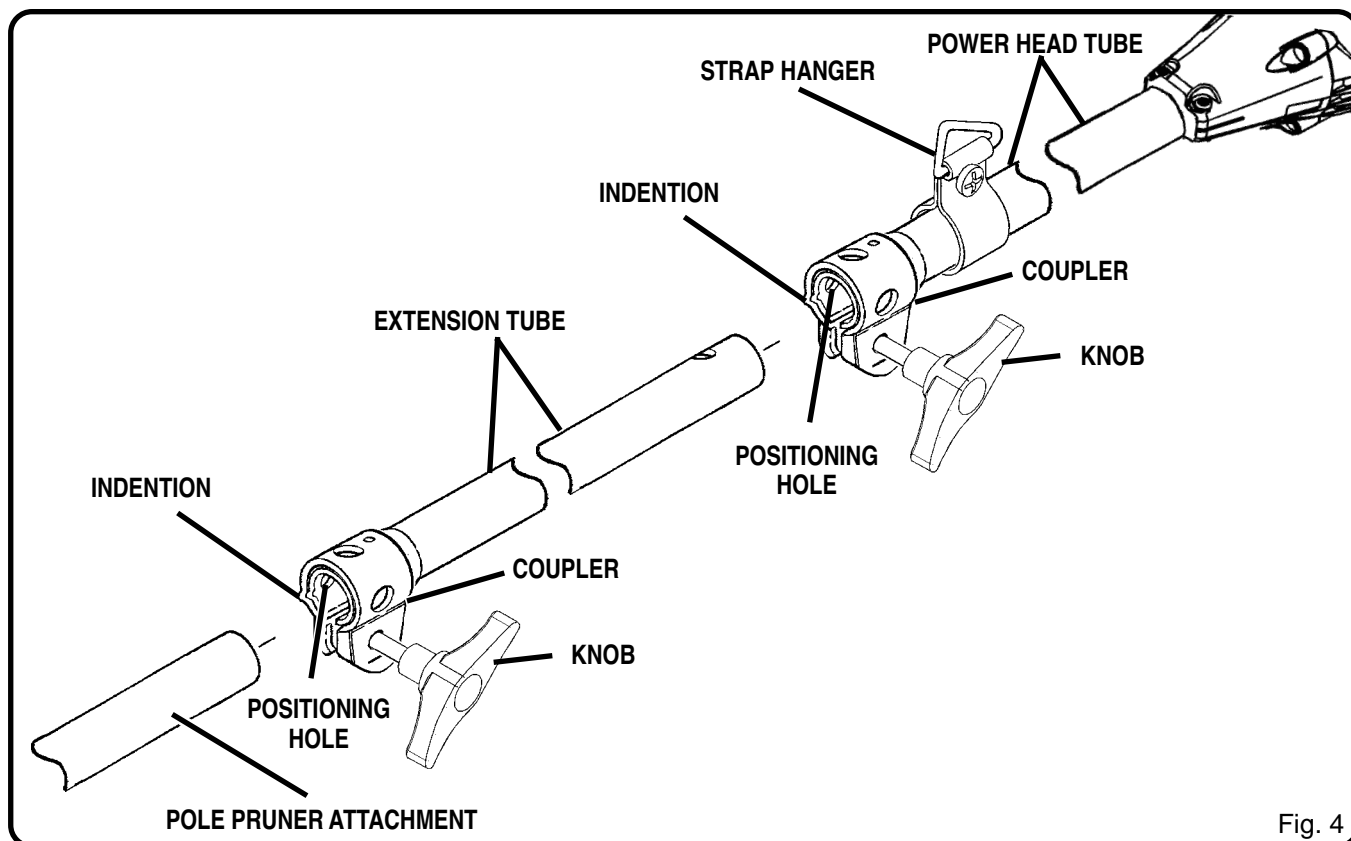


Fig. 4

ASSEMBLY

For changing lower units or breaking down for storage:

- Loosen the knob.
- Push in the button, twist and pull the tubes to remove and separate ends.

NOTE: John Deere Expand-It™ Attachments CAJD Tiller, BAJD Blower and EAJD Edger are not to be used with this coupler system.

Installing Shoulder Strap and Hanger

See Figure 4, 5 and 6.

When operating this unit, you must wear a shoulder strap to support the unit. If your unit does not have a strap hanger installed on the power head tube, use the following instructions to install the hanger.

- Pull strap hanger apart and place over power head end of tube, position near the upper knob. See Figure 4.
- Install bolt, lock washer, and nut. Tighten nut securely. See Figure 5.

NOTE: Check for tightness before each use to avoid serious injury or product damage.

- Place shoulder strap over your left shoulder and attach clip to strap hanger.

- Shoulder strap can be adjusted by sliding the clip up or down. See Figure 6.
- When properly adjusted, the power head should be supported by the shoulder strap about hip level.

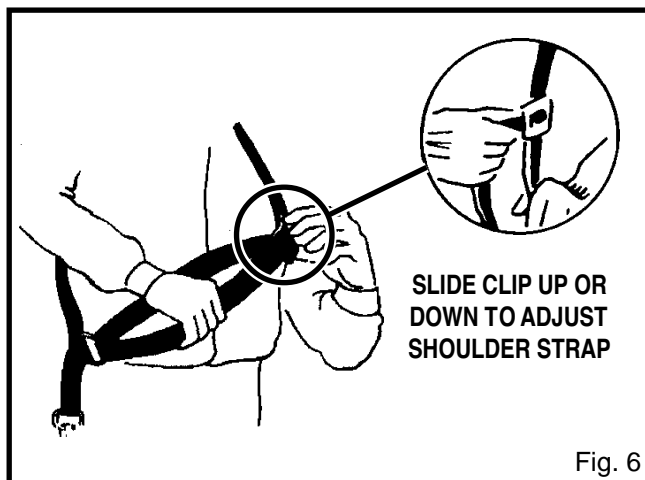


Fig. 6

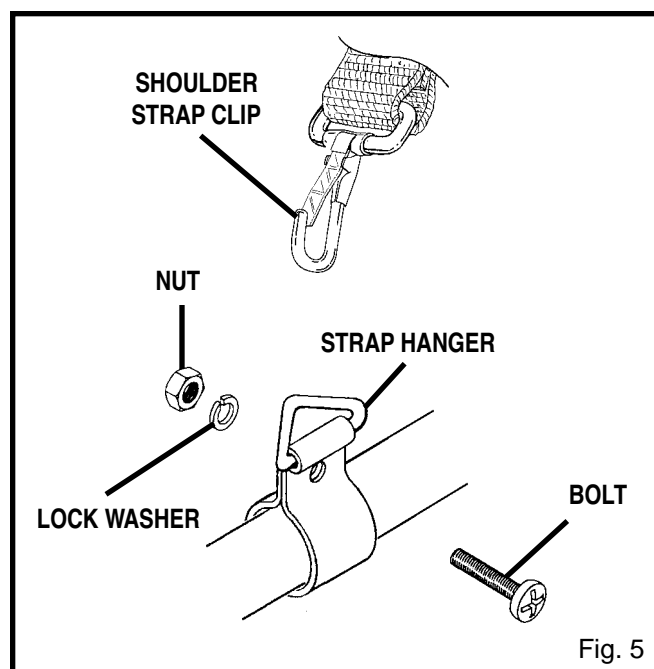


Fig. 5

OPERATION

Chain Tension

⚠ WARNING

To avoid possible serious injury, never touch or adjust the chain while the motor is running. The saw chain is very sharp, always wear protective gloves when performing maintenance to the chain.

1. Stop the engine before setting the chain tension. Make sure the guide bar nut is loose to finger tight, turn the chain tensioning screw clockwise to tension the chain. Refer to Assembly-Replacing the Bar and Chain Section.

A cold chain is correctly tensioned when there is no slack on the underside of the guide bar, the chain is snug, but it can be turned by hand without binding.

2. Chain must be re-tensioned whenever the flats on the drive links hang out of the bar groove. See Figure 7.

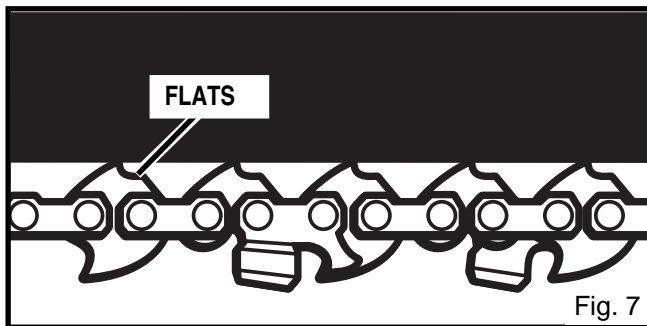


Fig. 7

3. During normal operation, the temperature of the chain will increase. The drive links of a correctly tensioned warm chain will hang approximately .050 in. (1.25 mm) out of the bar groove. See Figure 8. To help determine the correct warm chain tension, the tip of the combination wrench can be used as a guide. See Figure 9.

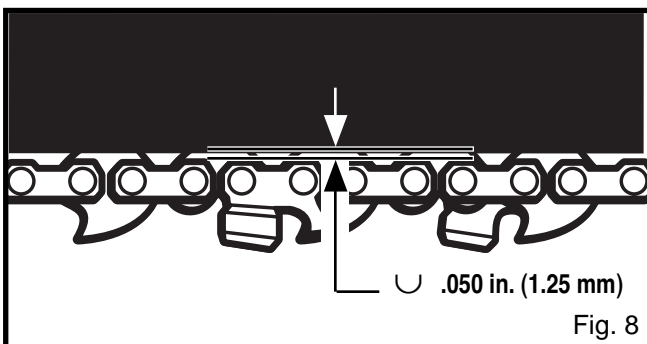


Fig. 8

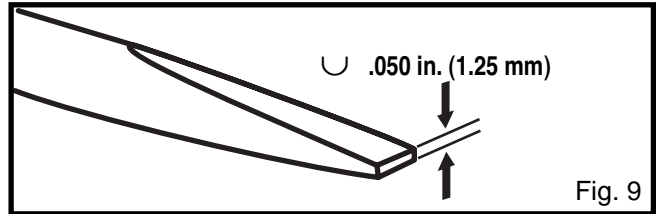


Fig. 9

NOTE: New chain tends to stretch; check chain tension frequently and tension as required.

⚠ CAUTION

Chain tensioned while warm, may be too tight upon cooling. Check the "cold tension" before next use.

Chain Oiler

1. Use Premium Bar and Chain Oil. It is designed for chains and chain oilers and is formulated to perform over a wide temperature range with no dilution required.
2. Remove the cap and carefully pour approximately 8 oz. (237 cc) of the bar and chain oil into the chain oiler tank. See Figure 10.
4. Replace the cap and tighten securely.
3. Check and refill the chain oiler tank every time the engine is fueled.

NOTE: Do not use dirty, used or otherwise contaminated oils. Damage may occur to the oil pump, bar, or chain.

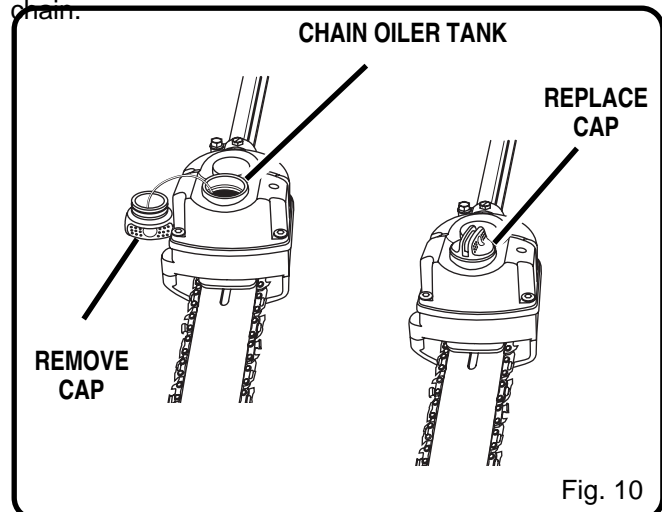


Fig. 10

OPERATION

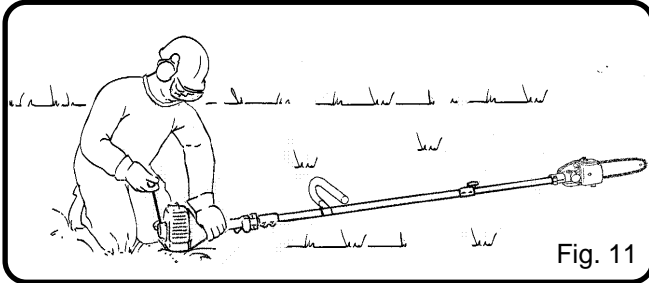
Operating Technique

Refer to the Operator's Manual for your trimmer for proper operating procedures.

Position for Starting

See Figure 11.

1. Lay the pole pruner on the ground and ensure that no objects or obstructions are in immediate vicinity which could come in contact with the bar and chain.



⚠ WARNING

To avoid kickback, binding of the saw bar, and possible injury, never cut limbs that the pole pruner does not reach when supported by the strap / harness.

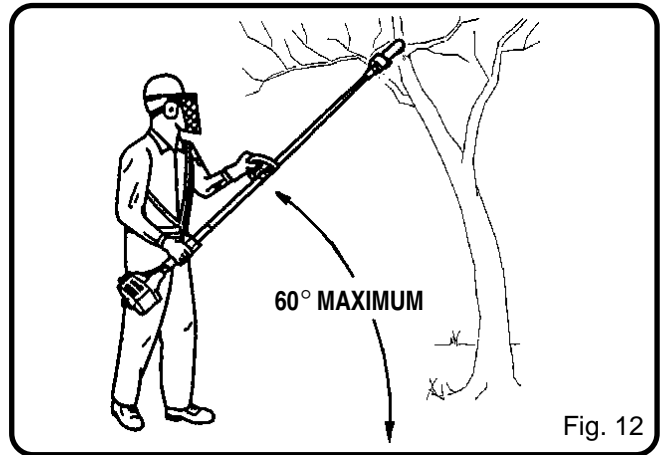
Preparation for Cutting

Proper Grip on Handles

Refer to the Safety Section for appropriate safety equipment.

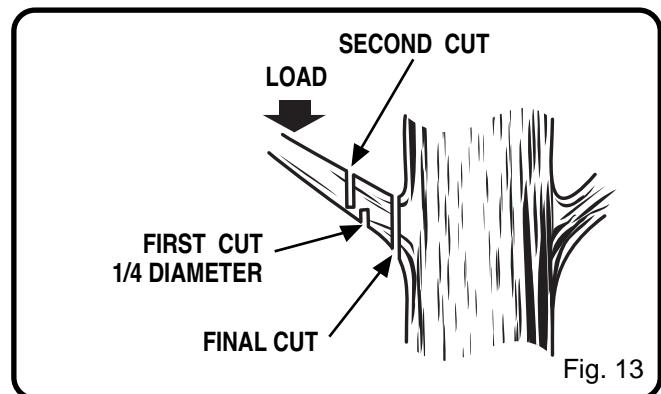
- Wear non-slip gloves for maximum grip and protection.
- Maintain a proper grip on the unit whenever the engine is running. Use your right hand to firmly grip the rear handle while your left hand has a firm grip on the front handle.
- Hold the unit firmly with both hands. Always keep your left hand on the front handle and your right hand on the rear handle, so that your body is to the left of the chain line. Never use a left handed (cross-handed) grip, or any stance which would place your body or arm across the chain line. See Figure 12.

- Never stand directly under the limb you are cutting. See Figure 12.
- Always wear shoulder strap to support the pole pruner.



Basic Cutting Procedure

- Accelerate the engine to full throttle just before entering the cut by squeezing the throttle trigger.
- DO NOT use a back and forth sawing type motion for cutting.
- The following steps should be followed to prevent damage to tree or shrub bark. See Figure 13.
 1. The first cut should be a shallow cut (1/4 of the limb diameter) on underside of limb close to main limb or trunk.
 2. The second cut should be made from the top side of the limb outboard from first cut.
 3. Make the final cut close to trunk.

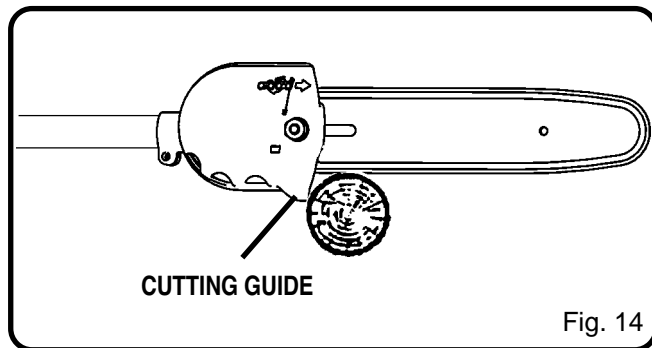


⚠ WARNING

To prevent possible serious injury to yourself or to others, READ, understand, and follow all instructions in this operator's manual.

OPERATION

- Keep the engine at full throttle the entire time you are cutting.
- For second and final cuts (from top of limb or branch), hold the front cutting guide against the limb being cut as shown in Figure 14. This will help steady the limb and make it easier to cut. See Figure 14.



- Allow the chain to cut for you; exert only light downward pressure. If you force the cut, damage to the bar, chain, or engine can result.
- Release the throttle trigger as soon as the cut is completed, allowing the engine to idle. If you run the pole pruner at full throttle without a cutting load, unnecessary wear or damage can occur to the chain, bar, and engine.

Work Area Precautions

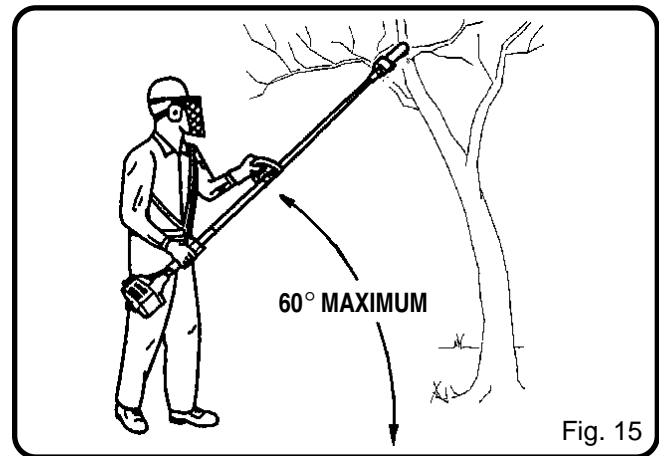
- Cut only wood or materials made from wood; no sheet metal, no plastics, no masonry, no non-wood building materials.
- Never allow children to operate your pole pruner. Allow no person to use this pole pruner who has not read this Operator's Manual and received adequate instructions for the safe and proper use of this pole pruner.
- Keep everyone - helpers, bystanders, children, and animals a safe distance, of at least 50 ft. (15m), from the cutting area.
- Always cut with both feet on solid ground to prevent being pulled off balance.
- Cut only when visibility and light are adequate for you to see clearly.

Limbing and Pruning

This unit is designed for trimming small branches and limbs up to 6" (15 cm) in diameter.

- Plan the cut carefully. Be aware of the direction in which the branch will fall.

- Branches may fall in unexpected directions. Do not stand directly under the branch being cut.
- The most typical cutting application is to position the unit at an angle of 60° or less, depending on the specific situation. See Figure 15.
- As the angle of the pole pruner boom to ground increases, the difficulty of making the first cut (from the underside of limb) increases. Failure to follow procedure shown in Figure 13 will result in the bar and chain binding and becoming pinched or trapped in the limb. If this should happen:
 - 1) Stop the engine of the power head.
 - 2) With engine stopped, loosen knob on coupler.
 - 3) Depress button on extension boom, twist and pull the tubes to separate the pruner from the engine.
 - 4) If the limb can be reached from the ground, lift the limb while holding the attachment. This should release the "pinch" and free the pruner.
 - 5) If pruner is still trapped, call a professional for assistance.
- The long reach of the unit allows the operator to prune branches or limbs that are normally out of reach.



- Long branches should be removed in several stages.
- Cutting lower branches first will allow the top branches more room to fall.
- Work slowly, keeping both hands on the saw with a firm grip. Maintain secure footing and balance.
- Keep the tree between you and the chain while limbing. Cut from the side of the tree opposite the branch you are cutting.
- Do not cut from a ladder, this is extremely dangerous. Leave this operation for professionals.
- DO NOT use for felling or bucking.

OPERATION

- When pruning trees it is important not to make the flush cut next to the main limb or trunk until you have cut off the limb further out to reduce the weight. This prevents stripping the bark from the main member. Underbuck the branch 1/4 way through for your first cut, your second cut should overbuck to drop the branch off. Now make your final cut smoothly and neatly against the main member so the bark will grow back to seal the wound. See Figure 16.

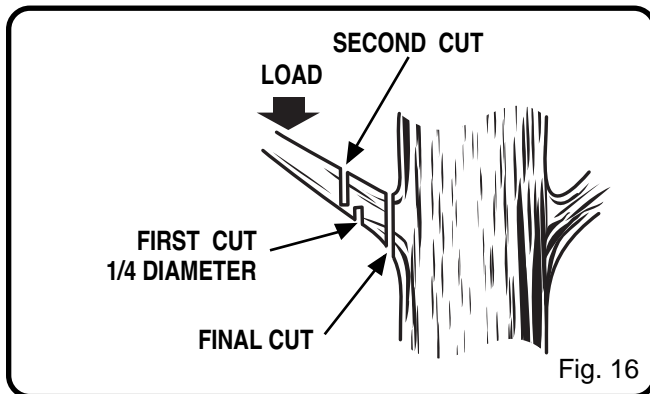


Fig. 16

⚠ WARNING

To prevent electrocution, do not operate within 50 feet (15m) of overhead electrical lines. See Figure 17.

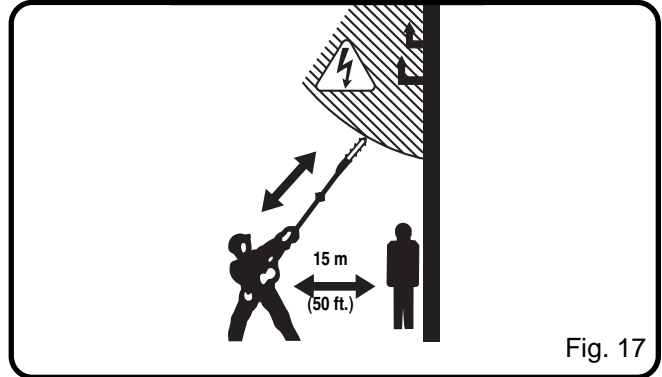


Fig. 17

⚠ WARNING

Never climb into a tree to limb or prune. Do not stand on ladders, platforms, a log or in any position which can cause you to lose your balance or control of the unit.

MAINTENANCE

Maintenance

- Never operate a unit that is damaged, improperly adjusted, or is not completely and securely assembled. Be sure that the saw chain stops moving when the throttle control trigger is released. If the saw chain moves at idle speed, the carburetor may need adjusting, see Maintenance-Idle Speed Adjustment Section. If the saw chain still moves at idle speed after adjustment has been made, contact a John Deere Servicing Dealer for adjustment and discontinue use until the repair is made.
- Always stop engine and remove spark plug wire before making any adjustments or repairs except carburetor adjustments.
- Inspect unit before each use for loose fasteners, fuel leaks and damaged parts. Replace any parts that are cracked, chipped, or damaged in any way. Failure to do so can cause serious injury.
- Make sure all handles are properly and securely attached.
- Never modify the unit in any way. Do not use for any job except that for which it is intended.
- Keep all safety devices in place when using this machine. Failure to do so can cause serious injury.

⚠ WARNING

Use only the manufacturer's replacement parts. Failure to do so may cause poor performance, possible injury and may void your warranty.

Refueling (DO NOT SMOKE!)

- Refer to the Operator's Manual of your trimmer for proper procedures.

Transporting and Storing

- Store unit in a well ventilated place that is inaccessible to children.
- Keep away from corrosive agents such as garden chemicals and de-icing salts.
- Always carry the unit with the engine stopped and the muffler away from your body.
- Empty the fuel tank, cover the chain with the chain cover when transporting and storing unit.
- Restrain the unit from moving before transporting in a vehicle.

MAINTENANCE

- Before storing the unit, allow the engine to cool. Always place the sheath on the saw bar when transporting or storing your pole pruner. The sheath is a snug fit and must be attached very carefully due to the sharp teeth on the saw chain. This is best done by grasping the sheath at one end, in the center portion of the sheath, and carefully sliding it over the chain. Use caution to avoid the sharp teeth of the chain. See Figure 18.

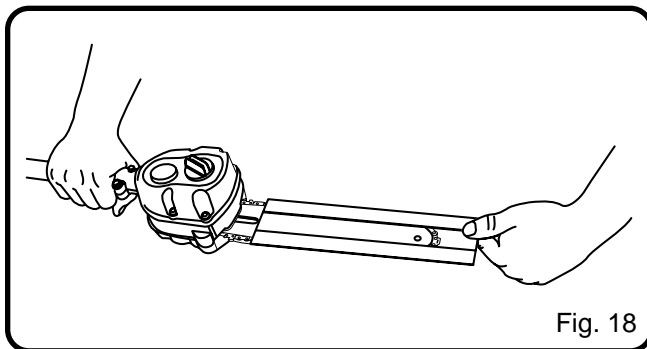


Fig. 18

Replacing the Bar and Chain

Replacement Bar Part Number UP-08687

Replacement Chain Part Number UP-08688

⚠ WARNING

To avoid possible serious injury, stop engine before replacing the bar, chain, or performing any maintenance operation.

See Figures 19 and 20.

1. Remove the bar nut and drivecase cover.
2. The bar contains a bar stud slot that fits over the bar stud. The bar also contains a chain tensioning pin hole which fits over the chain tensioning pin.

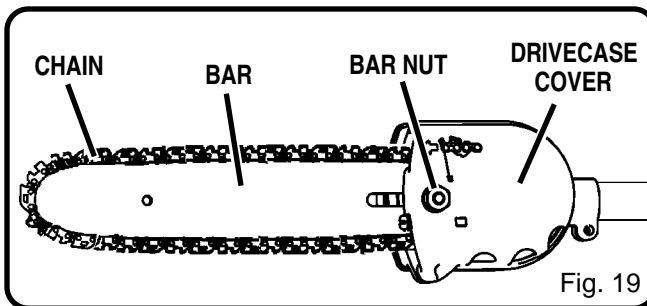


Fig. 19

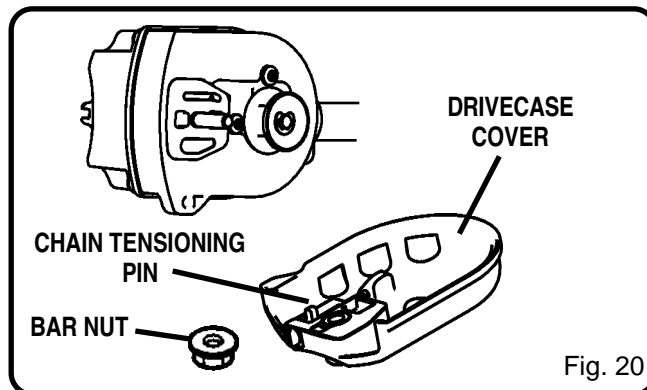


Fig. 20

See Figures 21 and 22.

3. Place the bar onto the bar stud so that the chain tensioning pin fits into the chain tensioning pin hole.
4. Fit the chain over the sprocket and into the bar groove. The cutters on the top of the bar should face toward the bar tip, in the direction of the chain rotation.
5. Replace the side case cover and install the bar nut. Tighten the bar nut finger tight only, the bar must be free to move for tension adjustment.

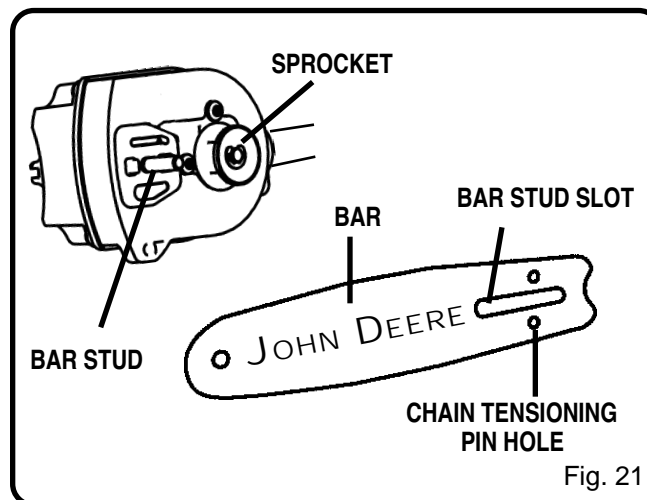


Fig. 21

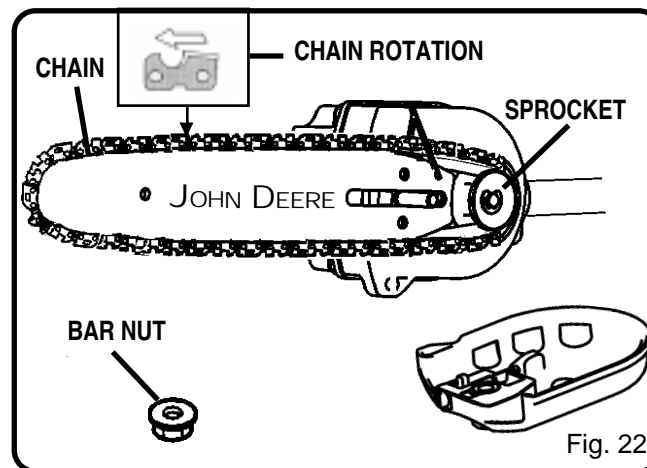
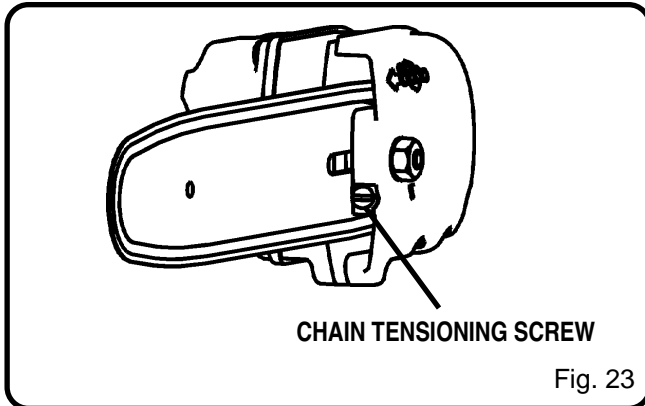


Fig. 22

MAINTENANCE

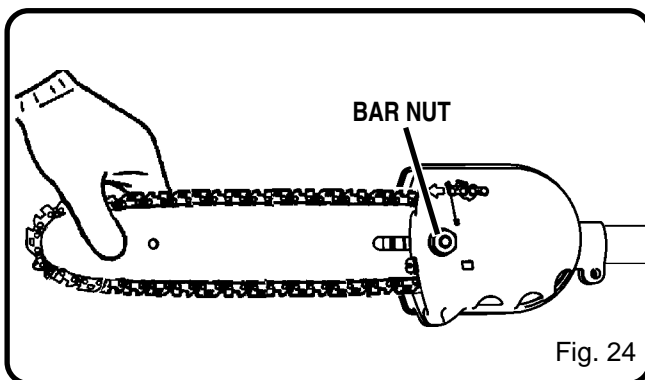
See Figures 23.

6. Remove all slack from chain by turning the chain tensioning screw clockwise, assuring that the chain seats into the bar groove during tensioning.
7. Lift the tip of the bar up to check for sag. Release the tip of the bar, and turn the chain tensioning screw 1/2 turn clockwise. Repeat this process until sag does not exist.



8. Hold the tip of the bar up and tighten the bar nut securely. See Figure 24.
9. Chain is correctly tensioned when there is no slack on the underside of the bar, the chain is snug, but it can be turned by hand without binding.

NOTE: If chain is too tight, it will not rotate. Loosen the bar nut slightly and turn adjusting screw 1/4 turn counterclockwise. Lift the tip of the bar up and re-tighten bar nut.



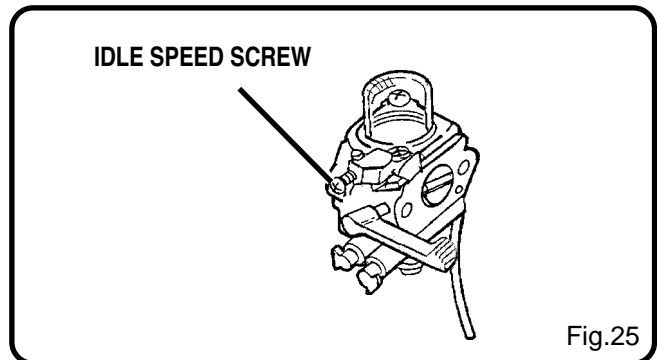
WARNING

Check the chain tension frequently when operating the unit. Never touch or adjust the chain while the engine is running. The chain is very sharp, always wear protective gloves when performing maintenance to the chain.

Trimmer Engine - Idle Speed Adjustment

See Figure 25.

If the chain turns at idle, the idle speed screw needs adjusting on your trimmer engine. Turn the idle speed screw counterclockwise to reduce the idle RPM and stop the chain movement. If the saw chain still moves at idle speed, contact a John Deere Servicing Dealer for adjustment and discontinue use until the repair is made.



WARNING

THE SAW CHAIN SHOULD NEVER TURN AT IDLE. Turn the idle speed screw "T" counterclockwise to reduce the idle RPM and stop the chain, or contact a John Deere Servicing Dealer for adjustment and discontinue use until the repair is made.

Serious personal injury may result from the saw chain turning at idle.

Chain Maintenance

Use only the replacement low kickback chains specified for your unit.

For smooth and fast cutting, the chain needs to be maintained properly. The chain requires sharpening when the wood chips are small and powdery, the chain must be forced through the wood during cutting, or the chain cuts to one side. During maintenance of your chain, consider the following:

- Improper filing angle of the side plate can increase the risk of a severe kickback.
- Depth gauge (or raker clearance) setting determines the height the cutter enters the wood and the size of the wood chip that is removed. Too much clearance increases the potential for kickback. Too little clearance decreases the size of the wood chip thus decreasing the chain's cutting ability. See Figure 26.
- If cutter teeth have hit hard objects such as nails and stones, or have been abraded by mud or sand on the wood, have servicing dealer sharpen chain.

MAINTENANCE

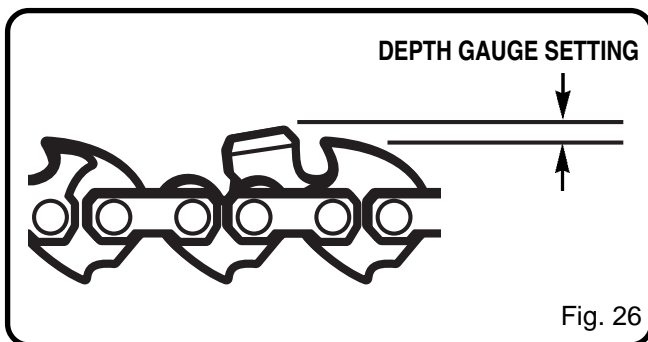


Fig. 26

How to Sharpen the Cutters

See Figure 27.

Be careful to file all cutters to the specified angles and to the same length, as fast cutting can be obtained only when all cutters are uniform.

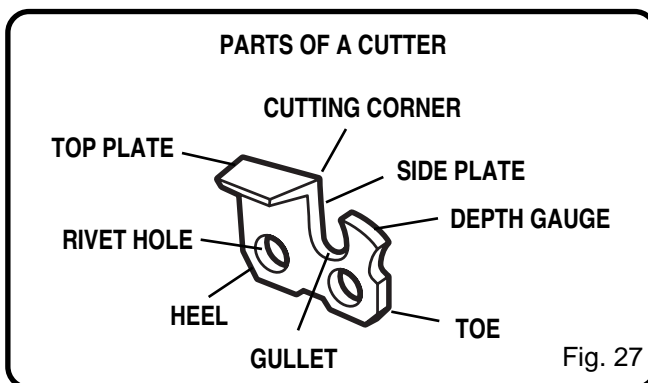


Fig. 27

- Tighten the chain tension enough that the chain does not wobble. Do all of your filing at the mid-point of the bar. Wear gloves for protection.
- Use a 5/32" (4.5mm)" diameter round file and holder.
- Keep the file level with the top plate of the tooth. Do not let the file dip or rock. See Figure 28.

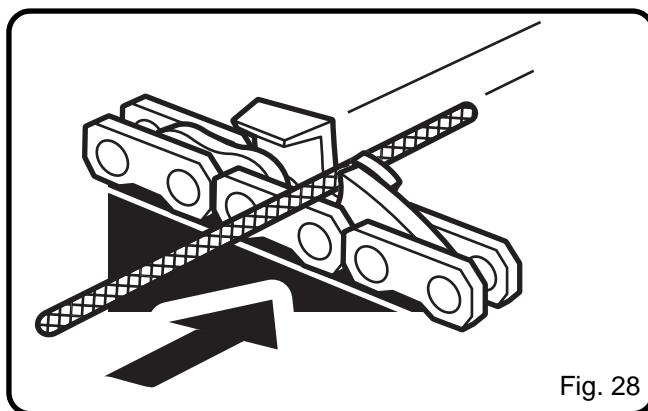


Fig. 28

- Using light but firm pressure, stroke towards the front corner of the tooth. Lift file away from the steel on each return stroke. See Figure 29.

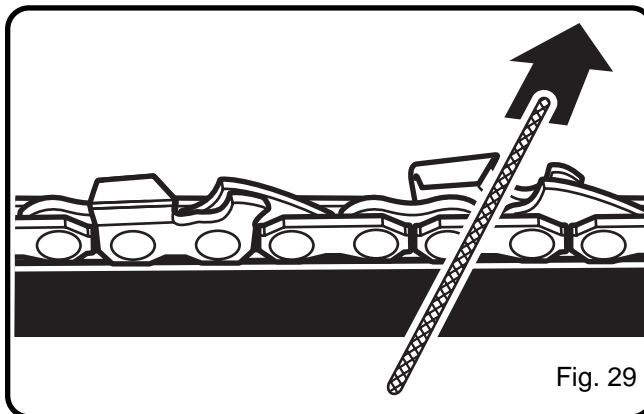


Fig. 29

- Put a few firm strokes on every tooth. File all left hand cutters in one direction. Then move to the other side and file the right hand cutters in the opposite direction. Occasionally remove filings from the file with a wire brush. See Figure 30.

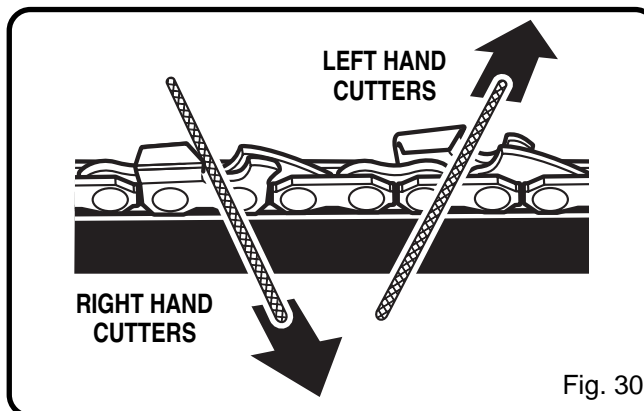


Fig. 30

⚠ WARNING

Dull or improperly sharpened chain can cause excessive engine speed during cutting which may result in severe engine damage.

⚠ WARNING

Improper chain sharpening increases the potential of kickback.

Failure to replace or repair damaged chain can cause serious injury.

The saw chain is very sharp, always wear protective gloves when performing maintenance to the chain.

WARRANTY

John Deere - Limited Warranty

The manufacturer warrants to the original retail purchaser that this product is free from defects in material and workmanship and agrees to repair or replace, at manufacturer's discretion, any defective product free of charge within these time periods from the date of purchase:

- Two years, if the product is used for personal, family, or household use;
- 90 days, if the product is used for any other purpose, such as commercial or rental use.

This warranty is not transferable and does not cover damage resulting from defects other than in material or workmanship, or damage caused by unreasonable use, including the failure to provide reasonable and necessary maintenance. Also, the warranty obligations do not apply to conditions resulting from misuse, alteration or accident. In addition, this warranty does not cover general check-ups on electrical equipment, tune-ups on gasoline engines, or replacement of non-defective parts (such as electrical brushes, cables, plugs, spark plugs, filters, starter ropes, etc.) that may wear and need to be replaced with reasonable use within the warranty period or which may require replacement in connection with normal maintenance. This warranty applies only to products sold within the United States of America, the District of Columbia, Canada, Mexico, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, the Canal Zone, or American Samoa.

SAVE YOUR SALES SLIP

Proof of purchase in the form of your dated sales receipt, cash register slip, etc. showing the serial number and the model of your product will be required before our dealers can perform warranty service on the product. You must at your own expense, arrange to deliver or ship the product for warranty repairs and arrange for pickup or return of the product after repairs have been made.

This warranty does not apply to any trade accessory, engine, or electric motor which is separately warranted by another manufacturer and not manufactured by the manufacturer.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY OR OTHERWISE, APPLICABLE TO THIS PRODUCT, SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS LIMITED WARRANTY. THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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

HOW TO OBTAIN WARRANTY SERVICE

Warranty service can be obtained from a JOHN DEERE dealer authorized to make warranty repairs. If you need warranty service, check first with the dealer from whom you purchased the product. FOR WARRANTY SERVICE INFORMATION OUTSIDE THE USA AND CANADA, PLEASE CONTACT YOUR LOCAL JOHN DEERE DEALER. The manufacturer will not make any reimbursements for warranty service, except to JOHN DEERE dealers authorized to make warranty repairs. You must present your sales receipt when making any claim for warranty service.

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

If you have any questions regarding your warranty rights and responsibilities, you should contact your John Deere Retailer, or the John Deere Customer Communications Center, 1-800-537-8233.

SAVE THESE INSTRUCTIONS

John Deere Company WC&CE

2000 John Deere Run

Cary, NC 27513

Phone 1-800-537-8233