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You can read the recommendations in the user guide, the technical guide or the installation guide for MAKITA UC4030A. You'll find the answers to all your questions on the MAKITA UC4030A in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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Owner's and Safety Manual
for Electric Chain Saws (pages 2 - 23)

Manuel d'emploi
et de sécurité
de tronçonneuses électrique (pages 24 - 45)

Manual de empleo
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UC3030A
UC3530A
UC4030A

WARNING!
Read and understand this Manual. Always follow safety precautions in the Owner's and Safety Manual.
Improper use can cause serious injury!
Preserve this Manual carefully!

ATTENTION!
Suivez toujours les conseils de sécurité du présent manuel d'emploi et de sécurité.
Une utilisation incorrecte de la tronçonneuse peut entraîner des blessures graves!
Conservez avec soin ce manuel.
Lisez et comprenez ce manuel.

¡PRECAUCIÓN!
Lea y comprenda este manual. Observe siempre las precauciones de seguridad que contiene el manual de empleo y de seguridad. Un uso inadecuado puede causar lesiones graves.
Guarde este manual cuidadosamente.



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Manual abstract:

@@Improper use can cause serious injury! @@We are convinced that you will be satisfied with this modern machine. @@@@In order to guarantee the optimal function and performance of your electric chain saw and to ensure your personal safety we would request you to perform the following: Read and understand this instruction- and safety manual carefully before putting the electric chain saw into operation for the first time. strictly observe the warnings and safety regulations! Failure to do so can result in serious injury to the operator and/or bystanders! This electrically powered saw is classified by CSA as a Class 2C saw. Prolonged periods of operation can cause circulatory problems in the use `s hands due to vibration. For such use, it may be appropriate to use a saw having an anti-vibration feature. @@@@@@@Wear protective helmet, eye and ear protection! Pull out the power supply plug! Pull out the power supply plug if the cable is damaged! Direction of chain travel Double protective insulation Saw chain oil A) Maximum Computed Kickback Angle (CKA) without using the chain brake when using the recommended bar and chain combinations. B) Contact of the guide bar tip with any object should be avoided! Tip contact may cause the guide bar to move suddenly upward and backward, which may cause serious injury! C) Always use two hands when operating the chain saw! Do not start cutting until you have a clear work area, secure footing, and a planned retreat path from the falling tree. Consider Work Area Environment Use extreme caution when cutting small size brush and saplings because the slender material may catch the saw chain and be whipped toward you or pull you off balance. Do not operate a chain saw in a tree unless specifically trained to do so. When cutting a limb that is under tension be alert for spring back so that you will not be struck when the tension in the wood fibers is released.

Don't expose chain saw to rain (3). Don't use chain saw in damp or wet locations. Do not use chain saw in presence of flammable liquids or gases. Guard Against Electric Shock Prevent body contact with grounded surfaces. for example: metal pipes , wire fences. Keep Children Away Do not let visitors contact chain saw or extension cord. All visitors should be kept away from work area (4). Store Idle Chain Saw When not in use, chain saws should be stored in a dry and high or locked up place-out of the reach of children. When storing saw, use a scabbard or carrying case. Don't Force Chain Saw It will do the job better and safer at the rate for which it was intended.

Use Right Tool Cut wood only. Don't use chain saw for purpose not intended - for example - Don't use chain saw for cutting plastic, masonry non- wood building materials. Dress Properly Do not wear loose clothing or jewelry. They can get caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair. Use Safety Glasses Also use safety footwear; snug fitting clothing; protective gloves; hearing and head protection (5). Carrying Saw Carry the chain saw by the front handle with the saw stopped, finger off the switch, the guide bar and saw chain, covered with the chain protection, to the rear. maintain Chain Saw With Care Inspect chain saw cords periodically and if damaged , have repaired by authorized service facility. Keep cord clear of the chain and operator at all times.

Never carry saw by the cord or pull it to disconnect from receptacle. Keep cord from oil and sharp edges. inspect extension cords periodically and replace if damaged. Keep tools sharp and clean for better and safer performance. follow instructions for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease. Disconnect Chain Saw Disconnect chain saw when not in use, before servicing, and when changing accessories and attachments, such as saw chain and guard (6). Outdoor Use Extension Cords Use only extension cords intended for use outdoors and so marked. Route the power cord in such a way that in cannot get caught in branches or other objects during sawing. Stay Alert Watch what you are doing.

use common sense. Do not operate chain saw when you are tired. Keep all parts of the body away from the saw chain when the motor is operating. Before you start the saw, make sure the saw chain is not contacting anything. Check Damaged Parts Before further use of the chain saw, a guard or other 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 unless otherwise indicated elsewhere in this instruction manual. have defective switches be replaced by authorized service center. Do not use chain saw if the switch does not turn the saw on and off. Do not operate a chain saw that is damaged, improperly adjusted, or is not completely and securely assembled (7).

Be sure that the saw chain stops moving when the trigger is released. Guard Against Kickback WARNING: KICKBACK may occur when the nose or tip of the guide bar touches an object (8), or when the wood closes in and pinches the saw chain in the cut. Tip contact in some cases may cause a lightning fast reverse reaction, kicking the guide bar up and back towards the operator. Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator. Either of these reactions may cause you to lose control of the saw which could result in serious injury to user. The following precautions should be followed to minimize kickback: Always grip each handle with the thumb and fingers encircling the handle as illustrated in (9). Device malfunction maintenance refill oil sharpen the saw chain stop transport shutdown Don't let the nose of the guide bar contact a log, branch, ground, or other obstruction. Don't cut above shoulder height (10). Use devices such as low kickback chain, chain brakes and special guide bars that reduce the risks associated with kickback. Power Supply Connect chain saw to correct voltage, that is, be sure that the voltage supplied is the same as that specified on the nameplate of the tool (11).

Replacement Parts When servicing, use only identical replacement parts (11). Polarized Plugs To reduce the risk of electric shock, this equipment has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. if the plug does not fit fully in the outlet , reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way. Wear ear protectors during operation. Before making a felling cut, remove dirt, stones, loose bark, nails, staples and wire from the tree.



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Secure the log so that it will not roll or move suddenly during operation. **AVOID UNINTENTIONAL STARTING.**

Don't carry plugged-in tool with finger on switch. Be sure switch is OFF when plugging in. **attention!** Do not expose this tool to rain (12) and pull plug immediately if the supply cable is damaged or cut (13). The chain saw must not be left outdoors during rain and it must not be used when wet. Indicate when ordering spare parts! A power source with voltage greater than that specified for the tool can result in **SERIOUS INJURY** to the user - as well as damage to the tool.

if in doubt, **DO NOT PLUG IN THE TOOL.** Using a power source with voltage less than the nameplate rating is harmful to the motor. If the extension cord is intended to be used outdoors, the cord shall be marked with the suffix W-A following the cord type designation, for example - SJTW-A, to indicate it is acceptable for outdoor use. Use an extension cord heavy enough to carry the current the tool will draw. Undersized cord will cause a drop in line voltage resulting in loss of power and over-heating.

Make sure the extension cord is in good condition before using. Keep the cord away from the cutting area and to position cord so that it will not be caught on branches, and the like, during cutting. @@@@ chain Brake: A device used to stop the chain saw. Chain Saw Powerhead: A chain saw without the saw chain and guide bar. @@@@ when tested with specific chain saws. It may not meet the ANSI performance requirements when used with other saws. Saw Chain: A loop of chain having cutting teeth, that cut the wood, and that is driven by the motor and is supported by the guide bar. Spike Bar (Spike): The pointed tooth or teeth for use when felling or bucking to pivot the saw and maintain position while sawing. Switch: A device that when operated will complete or interrupt an electrical power circuit to the motor of the chain saw. **CAUTION:** When working on the guide bar or saw chain always wear protective gloves and pull out the power supply plug.

CAUTION: Switch on the electric chain saw only after having assembled it completely and inspected! Put the electric chain saw on a stable surface and carry out the following operations for mounting the bar and chain: To do this, pull the hand guard (1) in the direction of the arrow. Push in the sprocket guard quick tightener firmly against spring pressure, and slowly turn it counter-clockwise until you feel it engage. Keep pushing in, and turn it as far as possible counter-clockwise. Release the sprocket guard quick tightener (remove pressure) and now turn it clockwise to its original position. Repeat this procedure until the sprocket guard (3) is unscrewed. Pull the sprocket guard (3) up slightly, pull out of the rear fittings (4) and remove. Position the guide bar (7) and push it against the sprocket (6). Using your right hand, guide the saw chain into the upper guide groove (8) of the guide bar. The cutting edges of the saw chain on the top of it remaining bio-degradable oil from the oil tank, oil-feed system, chain and guide bar, as many such oils tend to leave sticky residues over time, which can cause damage to the oil pump or other parts. The next time you use the saw, fill the tank with BIOTOP chain oil again.

In case of damage caused by using waste oil or inappropriate chain oil the product guarantee will be null and void. Your salesman will inform you about the use of chain oil. Waste oil is very dangerous for Fig. a. The next working place is at least 2 tree lengths away.

Before felling is started, consider the natural lean of the tree, the location of larger branches and the wind direction to judge which way the tree will fall. Remove dirt, stones, loose bark, nails, staples, and wire from the tree where felling cuts are to be made. Make the notch 1/3 the diameter of the tree, perpendicular to the direction of fall as shown in Fig. b. Make the lower horizontal notching cut first.

This will help to avoid pinching of either the saw chain or the guide bar when the second notch is being made. Make the felling back cut at least 2 inches (50.8 mm) higher than the horizontal notching cut as shown in Fig. b. Keep the felling back cut parallel to the horizontal notching cut. Make the felling back cut so enough wood is left to act as a hinge. The hinge wood keeps the tree from twisting and falling in the wrong direction. Do not cut through the hinge. As the felling cut gets close to the hinge the tree should begin to fall. If there is any chance that the tree may not fall in the desired direction or it may rock back and bind the saw chain, stop cutting before the felling back cut is complete and use wedges of wood, plastic or aluminum to open the cut and drop the tree along the desired line of fall.

When the tree begins to fall remove the chain saw from the cut, stop the motor, put the chain saw down, then use the retreat path planned. Be alert for overhead limbs falling and watch your footing. @@ Remove the small limbs in one cut as shown in Fig. c. @@@@ Follow the simple directions for easy cutting. When the log is supported along its entire length as shown in Fig. E, cut 1/3 the diameter from the underside (underbuck). Then make the finished cut by overbucking to meet the first cut. When the log is supported on both ends, as shown in Fig. F, cut 1/3 of that diameter from the top overbuck.

@@@ g. @@ don't let the chain contact the ground. @@ Always stop the motor before moving from tree to tree. @@@@ When working on the saw chain you must always pull out the power supply plug and wear protective gloves. The sawdust from sawing humid wood looks like wood flour.

The saw chain penetrates the wood only under great pressure. the cutting edge is visibly damaged. The sawing device is pulled to the left or the right during the sawing operation. this is caused by uneven sharpening of the chain or by damage to one side of it. Important: Sharpen frequently, but without removing too much metal! generally, 2-3 strokes of the file will be enough.

Have the chain resharpened in a service center when you have sharpened it yourself several times. Proper sharpening: Use only chains and guide bars designed for this saw (see the Extract from the spare-parts list)! Cutters with different lengths result in rough running of the chain and can cause cracks in the chain. Do not sharpen the chain when the minimum cutter length has been reached; at this point, the chain must be replaced (see the Extract from the spare-parts list and "Replacing the chain"). The depth of the cut is determined by the difference in height between the depth limiter (round nose) and the cutting edge. The best results are obtained with a depth-limiter depth of 0. Different angles result in a roughly, irregularly running chain, increase wear and tear and cause chain beakage. The 85° front rake of the cutter results from the cut depth of the round file. If the proper file is used in the right manner, the correct front rake will be obtained automatically.



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Files and how to work with them Sharpen using a special file holder with a saw chain round file dia. Normal round files are not appropriate for this work.

The file should cut only when pushed forwards (arrow). The length of this cutter is then the standard for all other cutters of the chain. It is marked for the correct 30° sharpening angle (keep the marks parallel with the chain when filing, see illustration) and limits the cut depth to the correct 4/5 of the file diameter. After having sharpened the chain, the height of the depth limiter must be checked by means of a chain gauge. see "Accessories" for the order number. Correct even the smallest excess height with a special flat file (1). Round off the front of the depth limiter (2). Regularly inspect the bearing surfaces of the guide bar for damage, and clean them with a suitable tool. If the saw is used intensively it will be necessary to lubricate the return sprocket bearings regularly (once a week). To do this, first thoroughly clean the 2 mm hole at the tip of the guide bar, and then press in a small amount of multi-purpose grease.

CAUTION: Use only chains and guide bars designed for this saw (see the Extract from the spare parts list)! Check the sprocket (1) before mounting a new chain. Worn out sprockets (2) may damage the new chain and must therefore be replaced. Sprocket replacement requires special training and tools and must be done at a MAKITA service center. The carbon brush is very delicate, so be careful not to let it drop. When taking it out, be sure to note the position it was installed in, since each brush is run in with the rotor.

Use a slotted bit screwdriver to unscrew the cover (1), and then pull out the brush (2). @@@@To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by MAKITA Authorized or Factory Service Centers, always using MAKITA replacement parts. Malfunction Chain saw does not work System total Observation electric motor does not function Cause no power supply, cable defective chain brake actuated Mains fuse blown Carbon brushes worn down oil tank empty, oil guide groove dirty Brake band worn down Carbon brushes worn down Low pulling power no oil on the saw chain Saw chain does not stop instantly Saw chain continues to run To ensure long life, prevent damage and ensure the full functioning of the safety features the following maintenance must be performed regularly. Guarantee claims can be recognized only if this work is performed regularly and properly. The user of the electric chain saw is not allowed to perform maintenance works which are not described in the instruction manual.

All other works must be carried out by a MAKITA service center. @@@@Clean the oil inlet bore. Clean, especially the oil guide groove. @@@@The MAKITA service centers are provided with all the necessary equipment and skilled and experienced personnel to work out correct customer solutions and to advise you in all matters accordingly. repair attempts by third parties or unauthorised persons void all warranty claims. Any work not described in this Instruction Manual must be performed only by a MAKITA service center. A reliable and continuous operation as well as the safety of your chain saw is also subject to the quality of the spare parts used. Use original MAKITA spare parts only, marked: Only original spare parts and accessories guarantee the highest quality in material, dimensions, functioning and safety. Original spare parts and accessories can be obtained from your local dealer. He will also have the relative spare part lists to determine the required spare part numbers, and will be constantly informed about the latest improvements and also about spare part innovations.

Please, take in mind that in the case that foreign spare parts are used instead of the original MAKITA spare parts this will automatically invalidate the MAKITA product guarantee. MAKITA guarantees the highest quality and will therefore reimburse all costs for mending through replacement of damaged parts as a result of material or production faults, which occur within the guarantee time after purchase. Please, note that in some countries particular guarantee conditions may exist. In case of any doubts, please, contact your salesman who is responsible for the guarantee of the product. We ask for your understanding that we cannot accept any responsibility for damage caused by: · Use of guide bars and saw chains which have not been approved. Use of force, improper use, misuse or accidents. Use of guide bar and saw chain lengths which have not been approved. damage caused by overheating due to dirt obstructing the cool air supply at the motor case. Use of unsuitable or old oil. Use of unsuitable spare parts or parts which are not original MAKITA parts, as far as they have caused the damage.

Works on the chain saw by unskilled persons or performance of inappropriate repairs. Cleaning, servicing and adjustment works are not covered by the guarantee. All repairs covered by the guarantee are to be performed by a MAKITA service center. Extract from the spare parts list Use original MAKITA spare parts only. For performance of repairs and for replacement of other components your MAKITA service center should be consulted. Sprocket nose bar 30 cm, (12") Sprocket nose bar 35 cm, (14") Sprocket nose bar 40 cm, (16") Saw chain 3/8", 30 cm, (12") Saw chain 3/8", 35 cm, (14") Saw chain 3/8", 40 cm, (16") Chain protection cover (30-35 cm, 12"-14") Chain protection cover (40 cm, 16") Specifications subject to change without notice Changements sans préavis Mejoras constructivas sin previo aviso .



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