



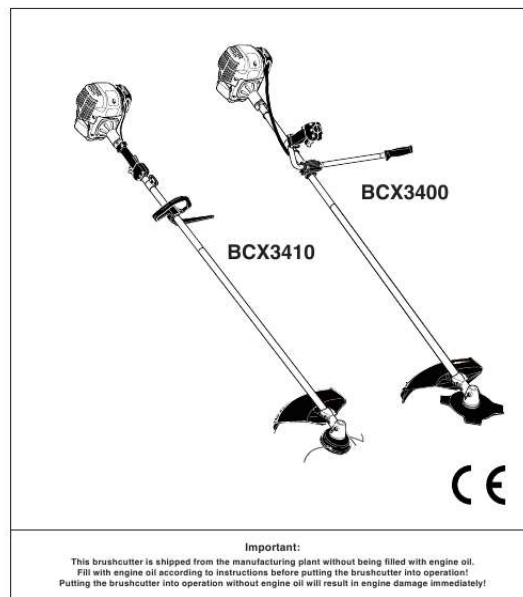
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You can read the recommendations in the user guide, the technical guide or the installation guide for MAKITA BCX3400. You'll find the answers to all your questions on the MAKITA BCX3400 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAKITA BCX3400
User guide MAKITA BCX3400
Operating instructions MAKITA BCX3400
Instructions for use MAKITA BCX3400
Instruction manual MAKITA BCX3400



Instruction Manual



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Manual abstract:

These brushcutters are very handy, compact and multipurpose and can be used to cut grass, weeds and brushwood. The considerably lower fuel consumption compared to similar brushcutters with two-stroke engines is a highly advanced step in terms of energy consumption and emissions. Furthermore, the four-stroke engine is an agreeably quiet engine. To ensure your personal safety and to guarantee optimum operation of the brushcutter including readiness to operate, we kindly ask you to: Read this instruction manual carefully before putting the brushcutter into operation for the first time and to strictly observe the safety instructions! Nonobservance can result in serious injuries! Proper use: These brushcutters are intended to be used with the appropriate and approved cutting tools for the purpose of cutting grass or thick weeds. The brushcutter is only allowed to be used by one person at a time and only outdoors!

Unapproved working technique: Thicker material such as shrubs, wild plants or thickets is not allowed to be cut using the approved cutting tools.

Unapproved users: Persons who are not familiar with the instruction manual, children, young persons, as well as persons under the influence of alcohol, drugs or medication, are not allowed to operate the machine. Table of contents Safety instructions

.....
.....
.....

.....3 Explanation of symbols .

.....
.....
.....

.....3 General safety precautions ...

.....
.....

.....3 Personal protective equipment .

.....

.....4 Handling fuels/refueling the brushcutter

.....4 Putting into operation .

.....
.....
.....

.....5 Kickback (blade thrust)

.....
.....
.....
.....

.....6 Working behavior and working techniques ..

.....
.....

.....6 Applications for cutting tools.....

.....
.....
.....

.....7 Transport ..

.....
.....

.....
.....

.....
.....
.....

...7 Storage

.....
.....

.....
.....
.....

.7 Maintenance

.....
.....

.....
.....
.....

.8 First aid....

.....
.....

.....
.....
.....

...8 EU Declaration of Conformity .

.....
.....

.....
.....

....8 Scope of delivery

.....
.....
.....

.....
.....
.....

9 Packaging.....

.....
.....
.....

.....
.....
.....

.....9 Main components of the brushcutter ..

.....
.....
....10 Preparations.

.....
.....
.....

.....
.....
.....
. 11 Installing the handle

.....
.....
.....

..... 11 Installing the line blade and cutter guard...

.....
.....

..1 U-handle

.....
.....
.....

.....
.....
.....

...11 C-handle

.....
.....
.....

.....
.....
.....

....11 Fastening the line blade to the cutter guard .

.....
.....

.1 Installing the cutter guard

.....
.....
.....

.....
.....

.1 Operation....

.....

.....
.....
.....

.....

.....
.....
...16 Checking the reliable operating condition of the brushcutter

.....
.....
.....
.....
.....
.....
...16 Starting

.....
.....
.....
.....
.....
.....
.....17 Turning off the engine.

.....
.....
.....
.....
.....
.....
...17 Checking and adjusting the idle speed..

.....
.18 Maintenance
.....
.....
.....
.....
.....
.....

...19 Checking the oil level
.....
.....
.....

.....
.....
..19 Tools ...

.....
.....
.....
.....
.....
.....
.....19 Cold starting ...

.....
.....
.....

.....
.....
.....
.....

..17 Warm starting

.....
.....

.....
.....
.....

.....17 -line trimmer head.....

.....
.....

.....
.....
.....

..7 4-tooth star blade.....

.....
.....

.....
.....
.....

..7 Daily maintenance

.....
.....

.....
.....

.1 Weekly maintenance

.....
.....
.....

.....1 Maintenance after 50 hours of operation....

.....
.....

. Checking/replacing the spark plug

.....
.....

..1 Lubricating the flexible shaft with grease.....

.....
.....
.....

.... Lubricating the angular gearbox with grease.

.....
.....

Changing the engine oil

.....
.....
.....

... Suction head in the fuel tank ..

.....
.....

.....3 Cleaning the air filter..

.....
.....
.....

.1 Sharpening the 4-tooth star blade

.....
.....
.....

...19 Readjusting the line of the -line trimmer head

.....0 Checking/replacing the line of the -line trimmer head 0 Quarterly maintenance

.....
.....
.....

..3 Service after 50 tank fill-ups ...

.....
.....

.4 Overview of maintenance and care

....4 Putting out of operation and storage .

.....
.....

.....25 Service, spare parts and guarantee

.....
.....

.....25 Maintenance and repairs .

.....
.....
.....

.....5 Spare parts ..

.....
.....
.....
.....
.....

.....
.....

.....5 Guarantee ..

.....
.....
.....

.....
.....
.....
.....

.....5 Troubleshooting .

.....
.....
.....

.....
.....
.....
.....

....26 Extract from the spare parts list

.....
.....
.....

...26 Technical data of the brushcutters BCX3410/BCX3400

.....
.....
.....

.....
.....
.....

....27 Installing the cutting tool

.....
.....
.....
.....

...1 Refueling the brushcutter

.....
.....
.....

..14 4-tooth star blade...

.....
.....

.....
.....
.....
.....

13 -line trimmer head.....

.....
.....

.....
.....
.....
.....

.....13 Operating materials/fuels.....

.....
.....
.....

.14 Gasoline

.....
.....
.....
.....
.....
.....
.....

..14 Engine oil

.....
.....
.....
.....
.....
.....

..14 Refueling and filling up with engine oil ...

.....
.....

.....14 Putting on the shoulder strap ...

.....
.....
.....

.....15 Balancing the brushcutter.

.....
.....
.....
.....
.....

..15 Safety instructions Primer pump Direction of blade rotation Before putting your new brushcutter into operation for the first time, please read the following safety instructions. Explanation of symbols You will notice the following symbols on the brushcutter and in the Owner's and Safety Manual: Read the instruction manual and follow all warnings and safety instructions! Particular care and caution! CAUTION! Kickback (blade thrust) DANGER! Very sharp cutting tool! DANGER! Beware of thrown objects! Start engine Stop engine ON/OFF First aid Recycling Sign CE No smoking! General safety precautions To ensure correct operation, the user has to read this instruction manual to make himself familiar with the handling of the brushcutter.

Insufficiently informed users will risk danger to themselves as well as others due to improper handling.

It is recommended only to lend the brushcutter to people who have experience with brushcutters. When lending the brushcutter to someone else, give him this Instruction Manual as well. First-time users should ask their dealer for basic instructions, or contact a forestry school in order to familiarize themselves with the basic handling of gasoline-powered brushcutting. Children and persons under 18 years must not be allowed to operate the brushcutter with metal cutting tools (4-tooth star blade). Exceptions may be made for persons over 16 for training purposes under the supervision of a qualified trainer. Perform all work calmly and carefully. The user must accept liability for others. Never use the brushcutter after consumption of alcohol, drugs or medication. No open flame!

Wear protective gloves! Wear safety shoes! Wear protective helmet, face, eye, and hearing protection! Forbidden! NOTE! Minimum risk. Situations that should be taken into account when using this machine.

The distance between the machine and bystanders shall be at least 15 meters! max. 10.000 1/min max. 9.000 1/min Maximum tool rpm Regular gasoline Engine oil Choke closed Choke open 3 Personal protective equipment · The clothing worn should be functional and appropriate, i.e. it should be tight-fitting but not cause hindrance. Do not wear either jewelry or clothing which could become entangled with bushes or shrubs. In order to avoid head-, eye-, hand- or foot injuries as well as to protect your hearing, the following protective equipment and protective clothing must be used during operation of the brushcutter. ·

It is recommended to wear a protective helmet; it is imperative when working in forests.

The protective helmet (1) should be checked at regular intervals for damage and must be replaced after 5 years at the latest. Use only approved protective helmets. If you have long hair, always wear a hairnet! 1 3 · The face shield (2) of the protective helmet protects against flying sawdust, wood chips or stone chippings. During operation of the brushcutter always wear goggles or a visor to prevent eye injuries. · Wear adequate noise protection equipment to avoid hearing impairment (ear muffs (3), ear plugs, etc.

) Octave band analysis upon request. · The forestry safety jacket (4) is equipped with special redcolored shoulder parts. The arms and neck should always be protected by clothing. 2 · The protective trousers (5) are made from a nylon fabric with 22 layers and protects against cuts.

We strongly recommend its use. In any case, it is essential that a long pair of trousers made of tough material be worn during operation of the brushcutter. Do not wear short pants. · Protective gloves (6) made of thick leather are part of the prescribed equipment and must always be worn during operation of the brushcutter.



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4 7 5 6 · Safety shoes or boots (7) fitted with anti-skid sole, steel toe caps and leg protection must always be used. Safety shoes equipped with a protective layer give protection against cuts and ensure a secure footing. Do not wear sandals or go barefoot. Handling fuels/refueling the brushcutter Stop the engine and let the engine cool down before refueling the brushcutter. No smoking and no open flame! Fuel may contain substances similar to solvents. Eyes and skin should not come in contact with mineral oil products.

Always wear protective gloves when refueling. Frequently clean and change protective clothes. Do not breathe in fuel vapors. Inhalation of fuel vapors can be hazardous to your health. · Before refueling the brushcutter make sure it is in a stable position. · Ensure that no fuel oozes into the soil (environmental protection). Use an appropriate base. · Refueling is not allowed in closed rooms. Fuel vapors will accumulate near the floor (explosion hazard)! · Do not spill fuel or oil. When you have spilt fuel or oil immediately clean the brushcutter.

Fuel should not come in contact with clothes. If your clothes come in contact with fuel, change them at once. · Carefully tighten the locking screw of the fuel tank and inspect 4 the fuel cap at regular intervals. · Change the place before starting the engine at least 3 meters from the place of refueling. · Fuel cannot be stored for an unlimited period of time.

Buy only as much as will be consumed in the near future. · Use only approved and marked containers for the transport and storage of fuel. Ensure children have no access to fuel. Putting into operation Never work alone. In case of emergencies, another person must be within shouting distance.

Before beginning to work, inform the other person about the protective devices available on the machine! · Children and other persons must remain more than 15 meters from the working area. Keep an eye out for animals as well. 3 meters · Before use always check that the brushcutter is safe for operation: Make sure the cutting tool is securely installed. The throttle must automatically return to the off position when releatool must have reached full working speed · Use the brushcutter only in good light and visibility. During the winter season beware of slippery or wet areas, ice and snow (risk of slipping). Always ensure a safe footing. · Never cut above your shoulder height. · Never stand on a ladder and run the brushcutter. · Never climb up into trees to perform cutting operations with the brushcutter. · Never work on unstable surfaces.

Make sure the cutting area is free of foreign objects such as stones and metal items. Foreign particles can rebound (danger of injury!), damage the cutting tool and cause dangerous kickbacks (see last section). 6 Applications for cutting tools Use the cutting tools to perform the work described below only! Other applications are not permitted. 2-line trimmer head Exclusively for cutting along walls, fences, grass edges, trees, posts, etc. (supplementing the lawn mower). 4-tooth star blade For cutting grass or thick weeds. Perform this cutting work by swinging the brush cutter evenly in half-circles from left to right (similar to a scythe). 4-tooth star blade 2-line trimmer head Transport When transporting the equipment or moving to another working location, the brushcutter must be switched off in order to avoid unintentionally starting the cutting tool. Never drag the brushcutter behind you and never drop it (except in case of emergency). Do not throw the brushcutter in order to load it onto the transport vehicle! If the brushcutter is subject to sudden jolts, it must be checked for signs of leaking fuel (risk of fire or explosion!).

Never transport the brushcutter with the cutting tool still running! · The transport safety device included in the scope of delivery must always be fitted whenever the brushcutter is being transported over longer distances. · When transporting the brushcutter in the vehicle, make sure that the brushcutter is safely secured. Empty the fuel tank before transporting the brushcutter. · Before shipping the brushcutter, completely empty the fuel tank. Storage · The brushcutter must be safely stored in a dry room.

Use the transport safety device for metal cutting tools. Keep the brushcutter out of reach of children. · Following a longer storage period, have an authorized MAKITA service center perform a thorough maintenance check and a complete inspection of the brushcutter. · Prior to a longer storage period of the brushcutter, the fuel tank must be completely emptied and the carburetor run dry. Fuels may only be stored for a limited period of time and could cause deposits to form in the tank or in the carburetor.

· Fuel remaining in reserve canisters should be used for other engines or be disposed of properly. 7 Maintenance Always make sure that the brushcutter is in good working order before using it. This includes, in particular, the cutting tool, cutter guard, shoulder strap, and fuel system (check for leaks). Particular attention must be paid to the cutting blades, which must be correctly sharpened. Metal cutting tools must be sharpened only at an authorized service center! When changing the cutting tool, cleaning the brushcutter and the cutting tool, etc., it is essential to switch off the engine and pull the spark plug cap. · Never straighten or weld damaged cutting tools. A tool which has been improperly sharpened can cause unbalance and thus considerable danger of injury. Apart from this, the equipment may be damaged due to vibrations. · Clean the brushcutter at regular intervals and check that all screws and nuts are well tightened.

· Never service or store the brushcutter near open flames! · Operate the brushcutter with as little noise and pollution as possible. In particular check the correct setting of the carburetor. · Always store the brushcutter in a locked storage area, with the fuel tank completely empty and the carburetor run dry. Keep the brushcutter out of reach of children. Observe the accident prevention instructions issued by the relevant trade associations and insurance companies. Do not make any modifications to the brushcutter! You will only be putting your own safety at risk! · Use only original MAKITA spares and accessories. The use of non-MAKITA spares, accessories, or cutting tools increases the risk of accident. MAKITA will not accept any liability for accidents or damage caused by the use of nonapproved cutting tools and fixing devices of cutting tools, or accessories. · The performance of maintenance or repair work by the user is limited to those activities described in this instruction manual. All other work must be done by the MAKITA customer service center.



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SERVICE First aid A first-aid kit should always be nearby as a precaution in the event of an accident. Immediately replace any items taken from the first-aid kit. When calling for help, give the following information: · Place of accident · What happened · Number of persons injured · Nature of injuries · Your name
Individuals with poor circulation who are exposed to excessive vibration may experience injury to blood vessels or the nervous system. Vibration may cause the following symptoms to occur in the fingers, hands or wrists: "Falling asleep" (numbness), tingling, pain, stabbing sensation, alteration of skin color or of the skin. If any of these symptoms occur, see a physician.

8 EU Declaration of Conformity The undersigned, Shigeharu Kominami and Rainer Bergfeld, as authorized by DOLMAR GmbH, declare that the brushcutters of the make MAKITA, Type: (366) BCX3410 and BCX3400 conforms to the basic safety and health requirements of the applicable EU directives: · EU Machinery Directive 98/37/EC. · EU EMC Directive 89/336/EEC (modified by 91/263/EEC, 92/31/EEC and 93/68/EEC). For proper implementation of the requirements of these EU directives, the following standards were applied to a significant extent: EN 11806, EN 14982, EN 61000-4-2, EN 61000-4-3. The conformity assessment procedure 000/14/EC was carried out in accordance with Annex V. The measured sound power level (Lwa) is 103 dB(A).

The guaranteed sound power level (Lwa) is 104 dB(A). Hamburg, 2.1.2005 For DOLMAR GmbH · Noise Emission Directive 2000/14/EC. Packaging Your MAKITA brushcutter comes in a cardboard box for proper protection against transport damage. Cardboard packaging boxes are raw materials and are therefore reusable or can be fed back into raw material recycling systems (waste paper utilization). Shigeharu Kominami Managing Director Rainer Bergfeld Managing Director 2 3 4 5 6 Scope of delivery 2 U-handle (for 1 Brushcutter 1 (incl. 4 fastening washers, anti-slip inserts and handle fastening cap) handle mount) BCX3410 with C-handle incl. 4 fastening screws, washers and 4 Screwdriver handle 6 3 Allen key 3 Screwdriver insert 7 5 Combination wrench 7 Shoulder strap with hip protection pad (for BCX3410 without hip protection pad) 8 -line trimmer head (cutting tool) 9 4-tooth star blade fastening nut) 8 (cutting tool incl. mounting disk, cap, ground glider, pressure disk and 10 Cutter guard 11 (incl.

protective strip, 4 fastening screws, nuts and washers, as well as line blade and fastening screw) 12 Instruction manual (without illustration) 11 Transport protection device 10 9 First of all, check the scope of delivery. If one of the parts listed here is not included or is defective, please contact your salesperson. 9 Main components of the brushcutter 3 1 2 6 9 10 11 12 13 22 21 15 20 366.000.000 4 5 7 8 Type plate 14 2005 123456 BCX3400 Year of manufacture Serial number 16 Please specify when ordering spare parts! 25 17 24 23 18 19 1 Cover 3 Cover for air filter 4 Choke lever 5 Muffler 2 Cap for spark plug 15 Model designation 16 Main tube 17 Cutter guard 14 Handle, left 6 Starter handle 7 Primer pump 8 Tank cap 18 Angular gearbox 19 4-tooth star blade (cutting tool) 20 Handle fastening cap 21 Strap holder 22 Foot 10 Safety locking button (throttle lever lockout) 12 Short-circuit switch ("START / STOP") 11 Handle, right 9 Control cable (Bowden cable) 23 -line trimmer head (cutting tool) 25 Shoulder strap 24 Hip protection pad (for BCX3410 not included) 13 Throttle lever 10

Preparations Before you can put the brushcutter into operation, you must assemble and prepare it for regular operation. The brushcutter is not allowed to be started until it has been completely assembled and a functional test has been carried out! Wear protective gloves for all work on the brushcutter! Installing the handle Depending on whether you have decided to purchase the BCX3400 or the BCX3410 brushcutter, your machine will be equipped with a C-handle or with a U-handle. U-handle To install the handle, lay down the brushcutter so that it is resting on its foot in stable position. The tool you will require is the big Allen key. 1 Place the anti-slip insert (1) in the handle mount (2) so that it lines up flush with the handle mount. 6 2 Insert the handle as shown in the illustration.

3 Place the second anti-slip insert (3) on the handle (2) so that it also lines up flush with the handle mount. 4 3 1 2 5 4 Place the handle fastening cap (4) on top and hold it firmly. 5 Insert the nuts (5) from underneath into the drilled holes of the handle mount, hold them in place and tighten the screws firmly (6) at the same time (do not forget the washers). C-handle To install the handle, lay down the brushcutter so that it is resting on its foot in stable position. The tool you will require is the medium-sized Allen key.

1 Place the handle mount (1), as shown in the illustration, from the rear side onto the anti-slip sleeve (2) on the main tube and hold it firmly. Place the C-handle (3), as shown in the illustration, from above onto the anti-slip sleeve (2) so that it is resting on the handle mount. 3 Fasten the handle by tightening the screws (4) (do not forget the washers). 4 3 2 1 11 Installing the line blade and cutter guard On the basis of legal accident prevention regulations, the cutter guard included in the scope of delivery (and no other cutter guard) must be installed! To ensure your personal protection, the brushcutter is not allowed to be put into operation without the cutter guard under no circumstances whatsoever! Caution: The enclosed blade, which is fastened to the cutter guard in order to adjust the lines of the 2-line trimmer head, is sharp! The tools you will require are the Phillips screwdriver and the medium-sized Allen key. Fastening the line blade to the cutter guard If the brushcutter is to be used with the -line trimmer head, the line blade must be fastened to the cutter guard so that it can cut the line automatically to the same length during the readjustment operation.

1 Use the enclosed Phillips screwdriver to fasten the line blade (1), as shown in the illustration, to the protective strip (2). Lay the cutter guard (3) down on the top side. 3 Bend the protective strip slightly with the line blade on the inside and insert into the mounts on the bottom edge of the cutter guard until the snap-fit closures snap into place on both sides. 1 2 3 Installing the cutter guard To install the cutter guard, lay down the brushcutter so that it is resting on its handle in stable position. 1 Insert the four nuts (1) from the side into the provided cutouts (2) in the mount (3). Place the cutter guard (4) on the mount so that the fastening holes (5) in the cutter guard line up with the nuts.



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5 Pull out the starter handle (4) slowly until you can feel a resistance. The piston is now located just before the upper dead-center position. 6 Now pull further quickly and forcefully until the first audible ignition occurs. The engine will start to run for a short time. 1 2 4 Do not pull out the starter handle more than 50 cm and do not let it fly back; instead guide it back slowly by hand. 7 Move the choke lever (2) downward into choke). -position (open 8 Pull the starter handle again until the engine starts to run. At idle (throttle lever (6) is not operated), the cutting tool must not rotate. However, if the cutting tool is rotating, the idle speed must be adjusted (see section "Checking and adjusting the idle speed"). 9 By grabbing the handle and pressing the safety locking button (5) and the throttle lever slightly (6), bring the engine up to medium speed and maintain that speed.

Never run the brushcutter under full load immediately; instead, let the engine warm up for approx. three to five minutes at medium speed. 10 With new machines, adjust the idle speed if necessary (see section "Checking and adjusting the idle speed"). Warm starting Start the brushcutter in warm condition, as described in the section "Cold starting", but without opening the choke, i.e.

without putting the lever (2) into -position. 3 Turning off the engine To turn off the engine, push the short-circuit switch (1) downward to "STOP". 5 6 17 Checking and adjusting the idle speed The carburetor of the brushcutter is equipped with a fixed jet. This means that you will only need to adjust the idle speed, e.g.

if your machine is a new machine or the cutting tool is rotating at idle. Make sure that the air filter is always clean! Never run the brushcutter under full load immediately; instead, let the engine warm up for approx. three to five minutes at medium speed. At idle, the cutting tool must no longer rotate. If the cutting tool is rotating, the idle speed must be readjusted. The tool you will require is the Phillips screwdriver. To adjust the idle speed: 1 Proper cutting tool must be installed. 2 Let the engine warm up. 3 Release the throttle lever (1). 2 4 If necessary, readjust the idle speed by regulating the idle screw (2): · Turn the screw inward for faster engine run.

· Turn the screw outward for slower engine run. If the cutting tool does not stop rotating, you must not work with the machine under no circumstances whatsoever! Contact a MAKITA service center! 1 18 Maintenance The maintenance work described below must be performed regularly and properly in order to guarantee long service life of your brushcutter and to prevent any form of damage. Warranty claims will only be recognized in that case. For all work on the brushcutter: Turn off the engine and pull off the spark plug connector! Wear protective gloves! Observe the accident prevention regulations issued by the trade association and insurance company in charge! Do not perform any structural modifications or maintenance work on the brushcutter extending beyond the structural modifications or maintenance work described in this instruction manual! Have a MAKITA service center perform all other work for you; otherwise, you will be putting your safety at risk! Checking the oil level @@To be on the safe side, always have a clean rag ready! 1 If necessary, let the engine cool down. Clean the area around the dipstick (1) thoroughly, so that no dirt can get into the crankcase. 3 Lay down the brushcutter, so that it is resting on its foot in stable position. 4 Turn the dipstick out of the opening anticlockwise. 5 Wipe off the dipstick with a clean rag. 1 2 OK 7 Read the oil level (see illustration). 6 Dip the dipstick through the opening into the crankcase and pull it out again.

8 If necessary, use a suitable filling bottle to refill engine oil up to the bottom edge of the filler opening (2). An engine oil bottle can be used for precise dosing without spilling engine oil (available as an accessory, see extract from the spare parts list). 9 Turn the dipstick back in again. refill Tools Sharpening the 4-tooth star blade Metal cutting tools are only allowed to be resharpened by specialized workshop since an improperly resharpened can cause unbalance and therefore constitutes considerable risk of injury. Beyond that, damage to the machine can be caused by vibrations! 180° Every MAKITA service center will sharpen and balance the 4-tooth star blade for you.

In order to extend its period of use, the 4-tooth star blade can be turned once until both blade sides are blunt. 19 Readjusting the line of the 2-line trimmer head The line length can be adjusted at any time with the best possible results by tapping the line trimmer head on the ground lightly during the mowing operation. The lengthening of the line amounts to approx. 40 mm for each releasing operation. The line blade cuts off projecting ends of the line automatically.

Checking/replacing the line of the 2-line trimmer head The new nylon line must be four meters long and have a diameter of Ø 3.0 mm (order number, see extract from the spare parts list). To replace the line, it is advisable to dismantle the line trimmer head first (see instructions from section "Installing the 2-line trimmer head" in chapter "Preparations" in reverse order). 1 Press in the cover mounting clips and open the line trimmer head carefully (Caution! Inner spring presses the two housing parts apart) (A). 2 Take the reel including the line out of the housing (B). 3 Remove remaining old pieces of line from the reel. If there is still sufficient line on the reel, but if the line does not adjust itself to the correct length during the mowing operation, the line must be wound up onto the reel again. 4 Use a paintbrush to clean the reel bottom side and the housing and check for any signs of damage. A B 5 Kink the new line in the middle and insert into the partition of the two reel guides as shown in the illustration (C, D). 6 Wind the line from the two reel guides in the direction of the arrow tautly onto the reel (E).

7 Clamp both ends of the lines in two opposite grooves of the reel so that the line does not slacken when the reel is inserted into the housing (F). 8 Reinsert the reel into the bottom part of the housing and thread both ends of the line into the line guides in the housing (G). 9 Line up the reel according to the cut-outs in the top part of the housing and press into the housing forcefully until both snap-fit closures snap into place (H). Uneven line lengths are cut off by the line blade on the cutter guard automatically during regular operation. C D E F G H 0 Daily maintenance The following maintenance work must be carried out each time after the brushcutter has been used. Cleaning the air filter If the workplace is very dusty or sandy, the filter must be cleaned at regular intervals, due to the fact that only a clean air filter will guarantee full engine performance.



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Coarse particles of dirt can destroy the engine! Renew damaged air filters immediately! 3 2 To clean the air filter, lay down the brushcutter so that it is resting on its foot in stable position. The tool you will require is the Phillips screwdriver. 2 Grab the air filter cover (2) at the bottom and pull it off. 1 Unscrew the screw (1).

1 4 Remove both air filters (4, 5) and wash them off in lukewarm alkaline soap solution with commercial-grade dish-washing detergent. 5 Let the air filters dry completely. 3 Push the choke lever (3) all the way up to the limit stop. Particles of dust can no longer drop into the carburetor now. 6 6 Reinsert both air filters (first the white one (5) with the clip facing downward on the left-hand side).

7 Place the air filter cover on the upper clips (6) first, and then press the lower part of the cover in the direction of the engine (you must be able to hear the cover snap into place). 8 Retighten the screw firmly. 4 5 Weekly maintenance The following maintenance work must be carried out once a week during regular use. Checking/replacing the spark plug The engine must have cooled down completely before you can begin to check or replace the spark plugs. Lay down the brushcutter first so that it is resting on its foot in stable position.

The tools you will require is the combination wrench (plus the screwdriver as a handle) as well as a pair of insulated pliers. Materials: Use NGK-CMR 6A-type spark plugs only (see extract from the spare parts list). Remove the spark plug cap (2). 1 Turn out the screw (1). 3 Pull off the spark plug connector (3) from the spark plug. 1 2 4 3 4 Use the combination wrench to turn the spark plug (4) out of the opening. The spark plug must be replaced if its insulation body is damaged or if its electrode is extremely burned, soiled or oiled up, or if you can no longer see a spark during the spark test described below. The gap between the electrodes must be 0.7-0.8 mm (see illustration).

0,70,8 mm 1 If you want to check the igniting spark (otherwise continue with step 10): 5 Plug the spark plug connector onto the unscrewed spark plug. 6 Use the combination wrench to make ground contact to the cylinder. 7 Use a pair of insulated pliers to press the spark plug connector with the spark plug lightly against the combination wrench but as far away as possible from the spark plug hole. 9 Pull the starter cable forcefully. If the spark plug is functioning perfectly, you must be able to see a spark on the electrodes. 8 Push the short-circuit switch (5) to "START". 5 10 If necessary, use the combination wrench to screw in a new spark plug. 11 Put the spark plug cap back on and fasten it with the screw. Maintenance after 50 hours of operation The following maintenance work must be carried out after 50 hours of operation. Lubricating the flexible shaft with grease Do not lubricate the flexible shaft with grease on your own.

The shaft must be lubricated with grease in one of the many MAKITA service centers! Lubricating the angular gearbox with grease Do not lubricate the angular gearbox with grease on your own. The angular gearbox must be lubricated with grease in one of the many MAKITA service centers! The lubrication can be precisely dosed in a workshop. This ensures that excessive amounts of grease do not cause overheating in the angular gearbox. Changing the engine oil Following first-time operation of the brushcutter, the engine oil must be changed after 20 hours of operation and then after every 50 hours of operation. Prevent contact of the skin with mineral oil products.

Wear gloves when changing the oil. Change and clean your protective clothing more frequently. Mineral oil products, including oils, degrease the skin. In case of repeated, longer contact, the skin will dry up. This can result in various skin diseases.

Beyond that, allergic reactions are well known. Contact of the eyes with oil results in irritations. In case of eye contact, wash the affected eye immediately with clear water. @@Make sure that oil does not get into the ground. Use a suitable base surface. Wipe up unintentionally spilt oil or bind it with suitable binding agents! Dispose of old oil properly according to environmental regulations! The tools you will require are two clean rags and a base surface.

Materials: 80 cm³ of SAE 10W-30 engine oil (classification API SF) 1 Start the engine (see chapter "Putting into operation"). 2 Warm up the engine for 35 minutes at medium speed. 4 Cover the gasoline tank with a clean rag (1) as shown in the illustration. 5 Turn the dipstick (2) out of the opening.

3 Lay down the brushcutter on a level surface, so that it is resting on its foot in stable position, and wait three minutes. Then the oil will have accumulated in the crankcase. 2 @@If necessary, remove dirt immediately with a clean rag! 6 Pour the old oil into a suitable container. Prop up the brushcutter so that the oil flows out on its own. Leave the brushcutter in that position for a few minutes so that all of the oil can drop out of the machine. 7 Clean the tank and the filler opening carefully without allowing dirt to get into the crankcase. 3 1 8 Use a suitable filling bottle to refill new engine oil up to the bottom edge of the filler opening (3). @@9 Turn the dipstick back in again. Quarterly maintenance Suction head in the fuel tank Prevent contact of the skin with fuels. Wear gloves during the maintenance procedure.

Mineral oil products degrease the skin. In case of repeated, longer contact, the skin will dry up. This can result in various skin diseases. Beyond that, allergic reactions are well known. Contact of the eyes with fuels results in irritations.

In case of eye contact, wash the affected eye immediately with clear water. @@The fuel required by the carburetor is filtered by means of the felt of the suction head (2). Hardened or soiled felt filters must be replaced; otherwise, there is the risk that insufficient amounts of fuel will be conveyed and that the permissible maximum speed of the engine will be exceeded as a result. The tool you will require is a wire hook. Materials: felt filter Use a wire hook to pull the suction head (2) through the tank cap opening.

3 Check the felt filter and replace if necessary. 4 Put the suction head back into the tank. 5 Screw the tank cap back on. 1 Unscrew the tank cap (1). 2 1 3 Service after 50 tank fill-ups After every 50 tank fill-ups, the brushcutter must be thoroughly serviced and checked in a MAKITA service center. Overview of maintenance and care The maintenance work described below must be performed regularly and properly in order to guarantee long service life of your brushcutter and the full functional efficiency of the safety devices as well as to prevent any form of damage. Risk of accidents exists in case of nonobservance! General After each tank fill-up · Complete brushcutter · Screws and nuts · Throttle lever · Safety locking button · Start/Stop switch · · · · · Air filter Cooling air guide Cutting tool Idle speed Engine oil Gasoline hoses · Check for damage and sealed tightness · Check for proper function and firm fit · Check for proper function · Check for proper function · · · · · Clean Clean Check for damage and sharpness Check (cutting tool must not rotate at the same time) Check the oil level, refill oil if necessary Check for sealed tightness; if necessary, let the hoses be replaced by a MAKITA service center Daily Weekly Quarterly Prior to putting the brushcutter out of operation for a longer period of time Yearly After 200 hours of operation · Spark plug · Muffler · Suction head · Gasoline tank · Fuel tank · Carburetor · Check and replace if necessary · Check the outlet and clean if necessary · Replace felt filter · Clean · Empty · Run empty Complete brushcutter · Gasoline hoses · Valve play Let this be checked by a MAKITA service center! · Let this be replaced by a MAKITA service center! · Let this be adjusted by a MAKITA service center! 4 Putting out of operation and storage · Perform maintenance (see chapter "Maintenance").



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Data takes into account the idle and maximum speed operating states equally. At max. engine power With one-piece metal cutting tool With -line trimmer head 7 Makita Werkzeug GmbH Postfach 70 04 0 D004 Hamburg Germany Subject to alterations Form: 995 707 508 (8.06 GB) .



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