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You can read the recommendations in the user guide, the technical guide or the installation guide for HUSQVARNA 245 R. You'll find the answers to all your questions on the HUSQVARNA 245 R in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HUSQVARNA 245 R
User guide HUSQVARNA 245 R
Operating instructions HUSQVARNA 245 R
Instructions for use HUSQVARNA 245 R
Instruction manual HUSQVARNA 245 R

Operator's manual (EPA)
240R 245R/RX 250R
252RX 265RX

Please read these instructions carefully and make sure you understand them before using the machine.



English



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Manual abstract:

• Use anti-slip and stable boots. Always use • A protective helmet where there is a risk of falling objects • Ear protection • Approved eye protection Other symbols/decals on the machine refer to special certification requirements for certain markets. • Max. speed of output axle, rpm Checks and/or maintenance should be carried out with the engine switched off, with the stop switch in the STOP position. • This product is in accordance with applicable CE directives. • Beware of thrown objects and ricochets. Always wear approved protective gloves. 15 m 50FT 15 m 50FT • The operator of the machine shall ensure, while working, that no persons or animals come closer than 15 metres. Regular cleaning required. Ocular control.

• Machines fitted with clearing or grass blades can be thrown violently to the side when the blade comes into contact with a fixed object. The blade can cause the amputation of arms and legs. Always keep people and animals at least 15 metres from the machine. Approved eye protection must always be used. •

Arrows which show limits for handle mounting.

2 – English CONTENTS Husqvarna AB has a policy of continuous product development and therefore reserves the right to modify the design and appearance of products without prior notice. List of contents SYMBOL EXPLANATION Symbols

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..... 38 Maintenance, replacement, or repair of the emission control devices and systems may be performed by any nonroad engine repair establishment or individual.

! WARNING! Under no circumstances may the design of the machine be modified without the permission of the manufacturer. Always use genuine accessories. Non-authorized modifications and/or accessories can result in serious personal injury or the death of the operator or others. Your warranty does not cover damage or liability caused by the use of nonauthorized accessories or replacement parts. HUSQVARNA AB HUSKVARNA SWEDEN IMPORTANT ENGINE INFORMATION TWC THIS ENGINE CONFORMS TO U.

S. EP A PHI FOR SMALL NON - ROAD ENGINES. REFER TO OPERATOR S MANUAL FOR MAINTENANCE SPECIFICATIONS AND ADJUSTMENTS.

This decal certifies that the product has been approved in accordance with American exhaust emissions requirements EPA 1 and CARB 95. English – 3
SAFETY INSTRUCTIONS Personal protective equipment IMPORTANT INFORMATION • Incorrect or careless use of a clearing saw, brushcutter or trimmer can turn it into a dangerous tool that can cause serious or even fatal injury to the operator or others.

It is extremely important that you read and understand the content of this manual. When using a clearing saw, brushcutter or trimmer, protective equipment approved by the appropriate authorities must be used. Personal protective equipment does not eliminate the risk of accidents, however, it can reduce the effects of an injury in the event of an accident. Ask your dealer for help when choosing protective equipment. The machine's safety equipment This section describes the machine's safety equipment, its function and how checks and maintenance are carried out to ensure that it operates correctly. (See the chapter "What is what" to locate where this equipment is positioned on your machine.) • ! WARNING! Never use a machine with defective safety equipment. Follow the control, maintenance and service instructions described in this section. 1. Throttle trigger lock ! A WARNING! Remove your hearing protection as soon as you stop the engine, so that you can hear any noises or warning signals.

HELMET A helmet should be worn if trees to be cleared are higher than 2 metres. EAR PROTECTION Ear protection offering sufficient dampening effect should be used. EYE PROTECTION Blows from branches or objects thrown by the rotating cutting equipment can damage the eyes. GLOVES Gloves should be worn when necessary, e.g., when assembling cutting equipment. BOOTS Use anti-slip and stable boots. CLOTHING Wear clothes made of a strong fabric and avoid loose clothing that can catch on shrubs and branches. Always wear heavy-duty long pants. Do not wear jewellery, shorts, sandals or go barefoot. Secure hair so it is above shoulder level. FIRST AID KIT A first aid kit should be carried by operators of clearing saws, brushcutters or trimmers. 4 – English The throttle trigger lock is designed to prevent the throttle from accidentally being engaged. When the trigger lock (A) is pressed into the handle (= when you hold the handle) the throttle (B) is released. When the grip on the handle is released the throttle and the throttle trigger lock return to their original positions.

This takes place via two independent return spring systems. This means that the throttle is automatically locked in its "idling" position. B A B SAFETY INSTRUCTIONS 2. Stop switch The stop switch should be used to stop the engine. 4. Anti-vibration system Your machine is equipped with an anti-vibration system that has been designed to give as vibration-free and comfortable usage as possible. The use of incorrectly wound cord or blunt, incorrect cutting equipment (incorrect type or incorrectly sharpened, see section "Filing the blade") increases the level of vibration. The machine's vibration damping system reduces the transfer of vibrations between the engine unit/ cutting equipment and the machine's handle unit. ! 3. Cutting attachment guard This guard is intended to prevent objects from being thrown towards the operator and to protect the operator from unintentional contact with the cutting attachment.



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WARNING! Over exposure to vibrations can result in blood-vessel or nerve injury to persons suffering with blood circulation problems. Seek medical attention if you experience physical symptoms that can be related to over exposure to vibrations. Examples of such symptoms are “numbness”, lack of feeling, “tickling”, “pricking”, “pain”, lack of or a reduction in normal strength, changes in the colour of the skin or its surfaces. These symptoms normally appear in the fingers, hands or wrists. 5.

Quick-release There is an easily accessible, quick-release catch fitted to the chest as a safety precaution in the event of a fire in the engine or for any other situation that requires you to free yourself from the machine and harness. See the section “Adjusting the harness and clearing saw”. **! WARNING!** Do not attach any blade to the unit without proper installation of all required parts. Failure to use the proper parts can cause the blade to fly off and seriously injure the operator and/or bystanders. Under no circumstances may the cutting equipment be used without an approved guard fitted. See the chapter “Technical data”. If the wrong guard or a defective guard is fitted this can cause serious personal injury. English – 5 SAFETY INSTRUCTIONS 6. Muffler The muffler is designed to give the lowest possible noise level and to direct the engine’s exhaust fumes away from the operator. Muffler fitted with catalytic converter is also designed to reduce harmful exhaust components.

In countries that have a warm and dry climate the risk of fire is obvious. We have therefore fitted certain mufflers with a spark arrest screen. Make sure that your muffler is fitted with this kind of screen. It is extremely important that the instructions for checking, maintaining and servicing the muffler are followed. (See the section “Control, maintenance and service of the machine’s safety equipment”.

) 7. Cutting equipment 1) Clearing blades are intended for cutting wood. 1 2 2) Grass blades are intended for brush cutting. 3) The trimmer head is intended for trimming grass. 3 8.

Locking nut A locking nut is used to secure some types of cutting equipment on the output shaft. **! ! WARNING!** Mufflers fitted with catalytic converters become extremely hot during use and after stopping. This also applies at idling speeds. Contact can result in burns to the skin. Be observant to the risk of fire!

WARNING! Bear in mind that exhaust fumes: • contain carbon monoxide, which can cause carbon monoxide poisoning. Therefore never start or run the machine indoors. • are hot and can contain sparks that can cause fires. Never start the machine indoors or close to inflammable material. 6 – English SAFETY INSTRUCTIONS Control, maintenance and service of the machine’s safety equipment **IMPORTANT INFORMATION** • All service and repairs to the machine require special training. • This applies especially to the machine’s safety equipment.

If the machine does not meet any of the controls listed below you should contact your service workshop. • The purchase of one of our products guarantees that professional repair and servicing of cutting equipment should always be replaced. **! WARNING!** Never use a machine with defective safety equipment. The safety equipment should be maintained as described in this section. If your machine does not meet any of these controls you should contact your service workshop. English – 9 SAFETY INSTRUCTIONS Cutting equipment **IMPORTANT INFORMATION** The section describes how through correct maintenance and through using the right type of cutting equipment you can reduce the machine’s tendency to kickback, obtain maximum clearing capacity and increase the service life of the cutting equipment. • • Only use the cutting and guard equipment we recommend! See chapter “Technical data”. Refer to the instructions for the cutting equipment for the correct winding of cord and for the selection of the right cord diameter. Keep the blade’s teeth well and correctly sharpened!

Follow our recommendations. Also refer to the instructions on the blade packaging.

Maintain the correct setting. Follow our instructions and use the recommended filing gauge. Sharpening the grass blade • See the cutting equipment’s packaging for correct filing instructions. • The blades are sharpened using a single cut flat file. • Sharpen all edges equally to maintain the balance of the blade.

• • Trimmer head • Only use a trimmer head and trimmer cord that is recommended. These have been tested by the manufacturer to suit a particular engine size. This is especially important when a fully automatic trimmer head is used. Only use the cutting equipment we recommend! See chapter “Technical data”. •

Generally smaller machines require a small trimmer head and vice versa.

This is because when clearing using a cord the engine must throw out the cord radially from the trimmer head and also meet resistance from the grass being cleared. • The length of the cord is also important. A longer cord requires greater engine power than a shorter cord of the same diameter. • Make sure the knife positioned on the trimmer guard is intact. This is used to cut the cord to the correct length. • To increase the life of the cord it can be soaked in water for a few days. This will make the line tougher and it will keep longer. **IMPORTANT INFORMATION** Always ensure the trimmer cord is wound tightly and evenly around the drum, otherwise harmful vibrations will occur. **! WARNING!** Incorrect cutting equipment or an incorrectly sharpened blade increases the risk of kickback. Sharpening the clearing blade • See the cutting equipment’s packaging for correct filing instructions.

• A correctly sharpened blade is a prerequisite for working efficiently and to avoid unnecessary wear to the blade and clearing saw. • Make sure that the blade is well supported when you use the file. Use a 5,5 mm round file with a file holder. • The sharpening angle is 15°. Every other tooth is sharpened to the right and the intermediate tooth to the left. When the blade has been heavily pitted by stones the upper side of the teeth can, in exceptional cases, need to be dressed using a flat file. In such cases this takes place before sharpening with the round file. Dressing the top side must be carried out equally for all teeth. •

Adjust the setting. This should be 1 mm.

10 – English **! WARNING!** Always stop the engine before starting work on any part of the cutting equipment. This continues to rotate even after the throttle has been released. Ensure that the cutting equipment has stopped completely and remove the cable from the spark plug before you start to work on it. SAFETY INSTRUCTIONS General safety instructions **IMPORTANT INFORMATION** • The machine is only designed for trimming grass, brush cutting and/or forestry clearing.



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• The only accessories to be used with the engine unit as a drive source are the cutting units we recommend in the chapter "Technical data".
• Never use the machine if you are tired, if you have consumed alcohol, or if you are taking medicines that can affect your sight, your judgement or the control of your body. • Use personal protective equipment. See the section "Personal protective equipment". • Never use a machine that has been modified so that it no longer corresponds with the original design. • Never use a machine that is faulty.

Follow the maintenance, control and service instructions in this Operator's Manual. Some maintenance and service actions should be carried out by trained and qualified specialists. See the chapter "Maintenance". • All covers and guards must be fitted before starting the machine. Check that the spark plug cap and HT lead are not damaged, otherwise you could get an electric shock. • The machine operator shall ensure, while working, that no persons or animals come closer than 15 metres (50 feet). When several operators are working in the same area the safety distance should be at least double tree length, however, at least 15 metres (50 feet). Fuel safety • Always use a fuel container with an anti-spill valve. • Never fill the machine while the engine is running. Always stop the engine and let it cool for a few minutes before refuelling.

• Provide good ventilation when filling or mixing fuel (petrol and 2-stroke oil). • Move the machine at least 3 m from the filling position before starting. • Never start the machine: a) If you have spilt fuel on it. Wipe up all spillage. b) If you have spilt fuel on yourself or your clothes. Change your clothes. c) If there is a fuel leak. Make regular checks for leakage from the fuel cap and the fuel supply pipes. Min. 3 m (10 ft) ! Start WARNING! Faulty cutting equipment or an incorrectly sharpened blade increases the risk of accidents.

! WARNING! When the engine starts with the choke lever in the choke or starter throttle position the cutting equipment starts to rotate immediately. Transport and storage • Store and transport the machine and fuel so that any leakage or fumes do not risk coming into contact with sparks or naked flames. For example, electric machines, electric motors, electrical switches/power switches, heaters or the like. • When storing and transporting fuel approved containers intended for this purpose must be used. • When storing the machine for long periods the fuel tank must be emptied.

Contact your local petrol station to find out how to dispose of excess fuel. • Always keep the transport guard attached when transporting and storing the machine. • The complete clutch cover with shaft must be fitted before the machine is started, otherwise the clutch can become loose and cause personal injury. • Never start the machine indoors. Bear in mind the dangers of inhaling the engine's exhaust fumes.

• Observe your surroundings and make sure that there is no risk of people or animals coming into contact with the cutting equipment. • Place the machine on the ground, ensure the cutting equipment runs free of twigs and stones. Push the machine body towards the ground using your left hand. (NOTE! Not with your foot). Grip the starter handle with your right hand and pull the starter cord. ! WARNING! Exercise great care when handling fuel. Bear in mind the risk of fire, explosions and inhaling fumes. English – 11 SAFETY INSTRUCTIONS General working instructions IMPORTANT INFORMATION • This section takes up the basic safety precautions for working with the clearing saw and trimmer. If you encounter a situation where you are uncertain how to proceed you should ask an expert. Contact your dealer or your service workshop.

Avoid all usage which you consider to be beyond your capability. You must understand the difference between clearing, brush cutting and grass trimming before using the machine. • • 4. Take great care when cutting a tree that is subject to tension. A tree that is under tension can spring back to its original position both before and after being cut. Incorrect positioning on your behalf or when positioning the cut can result in the tree hitting you or the machine so that you lose control. Both situations can cause serious personal injury. 5. The engine should be switched off before moving. When moving over longer distances and transporting the transport guard should be used.

6. Never put the machine down with the engine running unless you have good sight of it. • Basic safety precautions 1. Observe your surroundings: • To ensure that people, animals or other things cannot affect your control of the machine. • To ensure that the above mentioned do not come into contact with the cutting equipment or objects that can be thrown by the cutting equipment.

• NOTE! Never use a machine without the possibility of calling for help in the event of an accident. 2. Avoid usage in unfavourable weather conditions. For example, thick fog, heavy rain, strong winds or extreme cold, etc. To work in bad weather conditions is tiring and can create dangerous circumstances, e. g. slippery surfaces, affect a tree's direction of fall, etc. 3. Make sure you can walk and stand safely. Look out for any obstacles with unexpected movement (roots, stones, branches, pits, ditches, etc.). Take great care when working on sloping ground. 12 – English SAFETY INSTRUCTIONS Adjusting the harness and clearing saw Basic clearing techniques • Always drop to idling speed after each working operation. Longer periods running at full throttle without loading the engine (that is without resistance, which the engine feels from the cutting equipment when trimming) can lead to serious engine damage. ! WARNING! When working with the clearing saw it should always be hooked in the harness.

If this is not done, you cannot control the clearing saw safely and this can result in injury to yourself or someone else. Never use a harness with a defective quick release catch. Designations Quick release On the front is an easily accessible, quick release catch. Use this if the engine should catch fire or in any other emergency situation when you quickly need to take off the harness and machine. Even load on the shoulders A well-adjusted harness and clearing saw significantly facilitates working. Adjust the harness for the best working position. Tension the side straps so that the weight is evenly distributed across the shoulders. Correct height 1) Forestry clearing Adjust the carrier strap so that the suspension hook comes approximately 10 cm under the hip. The blade should be angled forward a little. 2) Grass clearing The suspension hook should hang approximately 20 cm under the hip so that the blade is parallel to the ground.

Correct balance 1) Forestry clearing Move the suspension eye forwards or backwards.



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If the blade is balanced a 1020 cm above the ground it is easier to avoid stones. 2) Grass clearing Let the blade balance at a comfortable clearing height, i.e. close to the ground.

• Forestry clearing is a general term for cutting small trees where each stem is cut individually. A saw blade is used. • Brush cutting is a general term for clearing grass. Grass blades are used for this purpose. • Grass trimming is a general term for light clearing, e.g. around edges or around trees. A trimmer head or plastic blade is used. ! WARNING! Sometimes branches, grass or wood can get caught between the guard and cutting equipment. Always stop the engine when cleaning. English – 13 SAFETY INSTRUCTIONS Clearing's ABC A. B. C. D. E.

F. G. H. Always use the correct equipment. Always have well adjusted equipment. Follow the safety instructions. Organise the work well. Always use full throttle when applying the blade. Always use a sharp blade. Avoid stones.

Guide the direction of fall (use the wind). WARNING! Avoid cutting in the cutting region between 12 and 3 o'clock on the blade. Kickback can occur due to the blade's rotation speed in this area of the blade when applied on thick stems. Forestry clearing using a saw blade • When applying the blade to heavier stems the risk of kickback increases. You should therefore avoid applying the blade on the cutting area between 12 and 3 o'clock.

• To fell to the left, the lower section of the tree should carry to the right. Angle the blade and move it with a resolute movement diagonally down to the right. At the same time press against the stem using the blade guard. Apply the blade on the area between 3-5 o'clock. Use full throttle when applying the blade. ! Working methods • Before you start clearing, check the clearing area, its condition, slopes, if there are stones, pits, etc. • Thereafter start at the end which is easiest, and make a good start to the clearing. • Work systematically to and from and across the area. Each stroke should encompass a working area of 4-5 metres. This then utilises the full working area of the machine in both directions and provides the operator with an easy and variable working area to work through. • The length of the pathway should be approx. 75 m. Move the fuelling station as work progresses. • On sloping ground the pathway should run parallel to the slope. It is far easier to work along a slope than up and down a slope.

• The pathway should be planned so that you avoid going over ditches or other obstacles. Also adapt the pathway to the wind conditions so that the cleared stems fall on the part of the stand that has been cleared. • To fell to the right, the lower section of the tree should carry to the left. Angle the blade and move it with a resolute movement diagonally up to the left. Apply the blade on the area between 3 and 5 o'clock so that the blade's direction of rotation carries the lower section of the tree to the left. • To fell a tree forwards the lower section of the tree should be drawn backwards. Draw the blade backwards with a quick and resolute movement. 14 – English SAFETY INSTRUCTIONS • Large stems must be cut from two sides. Determine in which direction the stem should fall.

First apply the saw to the felling side.

Then cut from the other side to fell the stem. The feed pressure should be applied with regard to the size of the stem's hardness. Small stems require more pressure, while large stems require less pressure. • If the stems are tightly packed adapt the through-speed with this in mind. Brush cutting using a grass blade • A blade is used for all types of high or thick grass.

• The grass is cut down with a sideways, swinging movement, where the movement from right-to-left is the clearing stroke and the movement from left-to-right is the return stroke. Let the blade work on the left-hand side (between 8 and 12 o'clock). • If the blade is angled to the left when clearing the grass will collect in a line, which makes collection easier, e.g. when raking.

• Try to work rhythmically. Stand firmly with your feet apart. Move forward after the return stroke and stand firmly again. • Let the support cup rest lightly against the ground. It is used to protect the blade from hitting the ground. • Reduce the risk of material wrapping around the blade by following these instructions: a) Always work at full throttle. b) Avoid the previously cut material during the return stroke. • Stop the engine and remove the brushcutter from the harness before you start to gather the cut material. • If the blade should jam in the stem, never jerk the machine free. If you do this the blade, angle gear, shaft or the handlebars can be damaged.

Release the handlebars and grip the shaft with both hands and slowly pull the machine free. Brush cutting using the saw blade • Thin stems and brush are mown down. Work by swinging the machine sideways. • Try to cut several stems in one movement. • With groups of hardwood stems, first clear around the group. Cut high on the stems around the outside of the group to avoid jamming. Now cut the stumps to the required height. Now try to come in with the blade and cut from the centre of the group. If it is still difficult to gain access, cut long stumps and let the stems fall down. This will reduce the risk of jamming.

! WARNING! Neither the user of the tool or anyone else may attempt to remove the cut material while the engine is running or with the blade rotating as this can result in serious injury. Stop the engine and blade before you remove material that has wound around the blade as otherwise there is a risk of injury. The bevel gear unit can get hot during use and may remain so for a while afterwards. There is a risk of slight burns if you touch it. ! WARNING! Beware of thrown objects.

Always wear eye protection. Never lean over the guard. Stones, rubbish etc. @@Keep unauthorised persons at a distance. @@Stop the machine immediately if anyone approaches.

English – 15 SAFETY INSTRUCTIONS Grass clearing using the trimmer head and plastic knives • Hold the trimmer head just above the ground at an angle.

It is the end of the cord that carries out the work. Let the cord work at its own pace. Do not press the cord into the area to be cut. • The cord can easily remove grass and weeds up against walls, fences, trees and borders, however, it can also damage sensitive bark on trees and bushes and damage fence posts.

• Reduce the risk of damaging plants by shortening the cord to 10-12 cm and reducing the engine speed. Clearing • The clearing technique removes all unwanted vegetation. Keep the trimmer head just above the ground and tilt it. Let the end of the cord strike the ground around trees, posts, statues and the like. NOTE! This technique increases the wear on the cord.

• The cord wears quicker and must be fed forward more often when working against stones, brick, concrete, metal fences, etc.



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than when coming into contact with trees and wooden fences. • When trimming and clearing you should use less than full throttle so that the cord lasts longer and to reduce the wear on the trimmer head. @@Keep the cord parallel to the ground when cutting. @@@@ Beware of thrown objects. Always wear eye protection. Never lean over the guard. Stones, rubbish etc. @@Keep unauthorised persons at a distance. @@@(240R, 245R) 1.

Blade 2. Grease filler cap 3. Angle gear 4. Blade guard 5. Shaft 6.

Handlebars 7. Throttle 8. Stop switch 9. Throttle trigger lock 10. Suspension for clearing saw 11.

Cylinder cover 12. Starter handle 13. Fuel tank 14. Choke 17. Handlebar adjustment English – 18. Locking bolt 19. Support flange 20. Support cup 21. Drive disc 22. Trimmer head 25.

Socket spanner 26. Operator's Manual 27. Transport guard 28. Allen key 29. Carburetor screwdriver 30. Locking pin 31. Harness 32. Spray guard 33. @@@(245RX) 1. Blade 2.

Grease filler cap 3. Angle gear 4. Blade guard 5. Shaft 6. Handlebars 7.

Throttle 8. Stop switch 9. Throttle trigger lock 10. Suspension for clearing saw 11. Cylinder cover 12.

Starter handle 13. Fuel tank 14. Choke 17. Handlebar adjustment 18. Locking nut 19. Support flange 21. Drive disc 22. Trimmer head 25. Socket spanner 26. Operator's Manual 27.

Transport guard 28. Allen key 29. Carburetor screwdriver 30. Locking pin 31. @@@(250R) 1. Blade 2. Grease filler cap 3. Angle gear 4. Blade guard 5. Shaft 6.

Handlebars 7. Throttle 8. Stop switch 9. Throttle trigger lock 10. Suspension for clearing saw 11.

Cylinder cover 12. Starter handle 14. Choke 15. Air filter 16. Fuel tank English – 17.

Handlebar adjustment 18. Locking bolt 19. Support flange 20. Support cup 21. Drive disc 25. Socket spanner 26. Operator's Manual 27. Transport guard 28. Allen key 29. Carburetor screwdriver 30.

Locking pin 31. Harness 32. Gearbox grease 33. @@@(252RX) 1. Blade 2. Grease filler cap 3. Angle gear 4. Blade guard 5. Shaft 6. Handlebars 7.

Throttle 8. Stop switch 9. Throttle trigger lock 10. Suspension for clearing saw 11. Cylinder cover 12.

Starter handle 14. Choke 15. Air filter 16. Fuel tank 20 – English 17. Handlebar adjustment 18.

Locking nut 19. Support flange 20. Support cup 21. Drive disc 25. Socket spanner 26. Operator's Manual 27. Transport guard 28. Allen key 29. Carburetor screwdriver 30. Locking pin 31.

Harness 32. @@@(265RX) 1. Blade 2. Grease filler cap 3. Angle gear 4. Blade guard 5. Shaft 6. Handlebars 7. Throttle 8. Stop switch 9.

Throttle trigger lock 10. Suspension for clearing saw 11. Cylinder cover 12. Starter handle 13. Fuel tank 14.

Choke 15. Air filter 17. Handlebar adjustment 18. Locking nut 19. Support flange 21.

Drive disc 25. Socket spanner 26. Operator's Manual 27. Transport guard 28. Allen key 29. Carburetor screwdriver 30. Locking pin 31. Harness 32. @@@@ • Refit the screw in the rear of the throttle handle. @@@ • Unscrew the handle from the handlebar bracket.

• Position the handlebars as shown. Fit the bracket components and tighten the handle lightly. @@@@ • Position the handlebars as shown. Fit the bracket components and tighten the handle lightly. @@Tighten the bolt. @@@Tighten the handle. Transport position, handlebars (240R, 245R/RX, 250R, 252RX) • The handlebars can easily be turned to fit along the shaft for easy transportation and storage. • Loosen the knob. Turn the handles clockwise so that the throttle comes against the engine. • Thereafter fold the handlebars around the shaft.

Tighten the handle. • Attach the transport guard. 22 – English ASSEMBLY Assembling the handlebars (265RX) • Fit the left handle in the handle support. • Fit the right handle. • Make a first adjustment and tighten the screws slightly.

• Then make the final adjustment with the clearingsaw in the harness, to obtain the most suitable working position. Tighten the screws. • Make a final adjustment of the right handle and fix it in the most comfortable position. Adjusting the throttle control Adjust the throttle control for the most suitable working position. Use the socket head screws at the right handle.

English – 23 ASSEMBLY Assembly of the blade and trimmer head It is extremely important that the disc drive's/support flange's guide engages correctly in the cutting equipment's centre hole when assembling the cutting equipment. Cutting equipment assembled incorrectly can result in serious and/or fatal personal injury. Assembling the blade guard and clearing blade • The guard (A) is fitted using 4 screws (L) as set out in the diagram. NOTE! Use the recommended blade guard. • Fit the drive disc (B) on the output axle. • Turn the blade axle until one of the holes in the drive disc aligns with the hole in the gear housing. • Insert the locking pin (C) in the hole so that the axle is locked. • Place the blade (D) and support flange (F) on the output axle. • Fit the nut (G). The tightening torque of the nut is 35-50 Nm (3.

5 - 5 kpm). Use the socket spanner in the tool kit. Hold the handle of the spanner as close to the blade guard as possible. The nut is tightened when the spanner is turned against the direction of rotation (left-hand thread). • When slacking off and tightening the saw blade nut, the hands may be injured by the blade teeth. Always hold your hand protected by the blade guard. This is facilitated by the use of a long box spanner. The illustration shows the area in which you should keep the box spanner. L ! WARNING! Do not attach any blade to the unit without proper installation of all required parts. Failure to use the proper parts can cause the blade to fly off and seriously injure the operator and/or bystanders.

Under no circumstances may the cutting equipment be used without an approved guard fitted. See the chapter "Technical data". If the wrong guard or a defective guard is fitted this can cause serious personal injury. A G F D B IMPORTANT INFORMATION The machine must be equipped with the correct handlebars, blade guard and harness if either a clearing blade or grass blade are to be used. C Assembling the blade guard and grass blade • The guard (A) is fitted using 4 screws (L) and the G support plate (M) as set F out in the diagram.

E NOTE! Use the D recommended blade guard. • Fit the drive disc (B) on the output axle. • Turn the blade axle until A B one of the holes in the C drive disc aligns with the hole in the gear housing. L • Insert the locking pin (C) in the hole so that the axle is locked. • Place the blade (D), M support cup (E) and support flange (F) on the output axle.

• Fit the nut (G). The tightening torque of the nut is 35-50 Nm (3,5 - 5 kpm). Use the socket spanner in the tool kit. Hold the handle of the spanner as close to the blade guard as possible. The nut is tightened when the spanner is turned against the direction of rotation (left-hand thread). 24 – English ASSEMBLY Assembling the spray guard and trimmer head Trimmy SII • Fit the correct guard (A) for working with a trimmer head.

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Secure using 4 bolts (L) and the support plate (M) as shown. • Fit the driver plate (B) on the drive shaft. • Rotate the drive shaft so that one of the holes in the driver plate lines up with the corresponding hole in the gear housing. • Insert the locking pin (C) into the hole to lock the shaft.

- Screw on the trimmer head (H) in the opposite direction to the normal direction of rotation. • Tighten the trimmer head to a torque of 35-50 Nm (3,5-5 kpm).
- To remove the trimmer head just reverse the sequence. Adjusting the harness and clearing saw ! A L B **WARNING!** When working with the clearing saw it should always be hooked in the harness. If this is not done, you cannot control the clearing saw safely and this can result in injury to yourself or someone else. Never use a harness with a defective quick release catch. C M **Quick release** On the front is an easily accessible, quick release catch. Use this if the engine should catch fire or in any other emergency situation when you quickly need to take off the harness and machine. Even load on the shoulders A well-adjusted harness and clearing saw significantly facilitates working. Adjust the harness for the best working position.

Tension the side straps so that the weight is evenly distributed across the shoulders. Correct height 1 Forestry clearing Adjust the carrier strap so that the suspension hook comes approximately 10 cm under the hip. The blade should be angled forward a little. H Assembling other guards and cutting equipment • Fit the guard (A) intended for use with the trimmer head. Secure using four bolts (L) and the support plate (M) as shown in the diagram.

- Fit the disc drive (B) on the output axle. • Turn the blade axle until one of the disc drive's holes aligns with the corresponding hole in the gear housing. • Insert the locking pin (C) into the hole to lock the axle. • Screw on the trimmer head (H) in the direction of rotation. • Dismantling takes place in the reverse order.

A L B C M 2 Grass clearing The suspension hook should hang approximately 20 cm under the hip so that the blade is parallel to the ground. Correct balance 1 Forestry clearing Move the suspension eye forwards or backwards. If the blade is balanced a 1020 cm above the ground it is easier to avoid stones. 2 Grass clearing Let the blade balance at a comfortable clearing height, i.e. close to the ground. H English – 25 **FUEL HANDLING** Fuel mixture **NOTE!** The machine is fitted with a two-stroke engine and must always be run on a mixture of gasoline and two-stroke oil. It is important to measure the quantity of oil accurately, to ensure the correct mixture ratio. Small discrepancies in the amount of oil have a great bearing on the proportions of the fuel mixture when mixing small amounts of fuel. Mixture • Always mix gasoline and oil in a clean container intended for fuel.

- Always start by filling half the quantity of gasoline required. Then add the entire oil quantity. Mix (shake) the fuel mixture. Fill the remaining quantity of gasoline. • Mix (shake) the fuel mixture carefully before filling in the machine's fuel tank. • Do not mix more than max. one month's supply of fuel. • If the machine is not used for a long period of time, the fuel tank should be emptied and cleaned. • This engine is certified to operate on unleaded gasoline. !

WARNING! Always provide good ventilation when handling fuel.

Gasoline **NOTE!** Always use an oil-mixed quality gasoline (at least 87 octane). If your machine is equipped with a catalytic converter, (see "technical data") an unleaded, oil mixed quality gasoline should always be used. A leaded gasoline will destroy the catalytic converter. • This engine is certified to operate on unleaded gasoline. • The lowest recommended octane rating is 87.

If you run the engine on lower octane rating than 87 so-called "knocking" can occur. This leads to an increased engine temperature, which can result in a serious engine breakdown. • When working at continuous high revs a higher octane rating is recommended. ! ! **WARNING!** The catalytic converter muffler gets very hot during and after use. This also applies during idling.

Be aware of the fire hazard, especially when handling the saw near flammable substances or vapours. Fuelling **WARNING!** The following precautions reduce the risk of fire: Do not smoke or place any sources of heat in the vicinity of the fuel. Never refuel when the engine is running. Always stop the engine and let it cool for a few minutes before refuelling. Open the fuel cap slowly when fuelling so that any over pressure is released slowly. Tighten the fuel cap carefully after refuelling. Always move the machine from the fuelling place before starting. • Clean around the fuel cap. Contamination in the tank can disrupt operations. • Ensure that the fuel is well mixed by shaking the container before filling the tank.

Min. 3 m (10 ft) Two-stroke oil • For the best results use HUSQVARNA two-stroke oil, which has been specially developed for clearing saws and chain saws. Mixing ratio 1:50 (2%). • Never use two-stroke oil intended for water cooled outboard motors, so-called outboard motor oil. • Never use oil intended of four-stroke engines. 26 – English Gasoline Lit. Oil 2%(1:50) Lit. 5 10 15 20 US gallon 0,10 0,20 0,30 0,40 US fl. oz. 1 2 1/2 5 2 1/2 6 1/2 12 7/8 **START AND STOP** Control before starting For reasons of safety follow these recommendations! • Check the blade to ensure that no cracks have formed at the bottom of the teeth or by the centre hole.

The most common reason why cracks are formed is that sharp corners have been formed at the bottom of the teeth while sharpening or that the blade has been used with dull teeth. Discard a blade if cracks are found. • Check that the support flange is not cracked due to fatigue or due to being tightened too much.

Discard the support flange if it is cracked. • Ensure the locking nut has not lost its captive force.

The nut lock should have a locking force of at least 1.5 Nm. The tightening torque of the locking nut should be 35-50 Nm. • Check that the guard is not damaged or cracked. Replace the guard if it is exposed to impact or is cracked.

- Check that the trimmer head and spray guard are not damaged or cracked. Replace the trimmer head or spray guard if they are exposed to impact or are cracked. • Never use the machine without a guard or spray guard nor with a defective guard. Cold engine **IGNITION:** Set the stop switch to the start position. **CHOKE:** Set the choke control in the choke position. Warm engine Use the same starting procedure as for the cold engine, but do not set the choke control in the choke position. The start throttle position is obtained by setting the choke control in the choke position and then returning it to its original position. 240R/245R/245RX 250R, 252RX 265RX Start and stop ! **WARNING!** The complete clutch cover with shaft must be fitted before the machine is started, otherwise the clutch can become loose and cause personal injury.



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Always move the machine from the filling area before starting. Place the machine on a flat surface.

Ensure the cutting equipment cannot come into contact with any object. Make sure no unauthorised persons are in the working area, otherwise there is a risk of serious personal injury. The safety distance is 15 metres. English – 27 START AND STOP Stop The engine is stopped by switching off the ignition. ! 240R, 245R, 250R WARNING! When the engine is started with the choke in the choke or start position the cutting equipment starts to rotate immediately. 245RX, 252RX, 265RX Start Press the machine body against the ground using your left hand (NOTE! Not your foot). Grip the starter handle, slowly pull out the cord with your right hand until you feel some resistance (the starter pawls grip), now quickly and powerfully pull the cord. Reset the choke control as soon as the engine fires and repeat until the engine starts. When the engine starts quickly apply full throttle and the start throttle will automatically disengage. NOTE! Do not pull the starter cord out completely and do not release the starter cord from the fully extended position.

This can damage the machine. 28 – English MAINTENANCE Carburetor Your Husqvarna product has been designed and manufactured to specifications that reduce harmful emissions. After your unit has been run 8-10 tanks of fuel the engine has broken in. To ensure that your unit is at peak performance and producing the least amount of harmful emissions after break in, have your authorized servicing dealer, who has a revolution counter at his disposal, to adjust your carburetor for optimum operating conditions. Basic setting • The carburetor is set to its basic setting when test run at the factory.

The basic setting should be kept during the machine's first working hours. Thereafter the carburetor should be finely adjusted. Fine adjustment should be carried out by a skilled technician. NOTE! If the cutting attachment rotates/moves in the idling position, turn the idling speed screw counter-clockwise until the blade stops. Rec.

idling speed 24R, 245R/RX: 2 700 rpm. Recommended max. speed: See "technical data". ! WARNING! The complete clutch cover with shaft must be fitted before the machine is started, otherwise the clutch can become loose and cause personal injury. ! Functioning • The carburetor governs the engine speed via the throttle trigger. In the 240R, 245R/RX carburetor, air/fuel is mixed. This air/fuel mixture is adjustable. If you want to take advantage of the maximum output of the engine, the setting must be correct. • The setting of the carburetor means that the engine is adjusted to local conditions, for example climate, altitude, gasoline 250R, 252RX and type of two-stroke oil. • The carburetor has three adjustment possibilities: L= Low speed needle H= High speed adjustment screw T= Idle speed adjustment screw • The fuel quantity required in proportion to the airflow the throttle trigger 265RX level allows is adjusted by T means of the L- and H needles.

Turning the needles clockwise gives a leaner fuel mixture (less fuel), turning them counter-clockwise gives a richer fuel mixture (more fuel). A lean mixture gives higher rpms and a rich one lower rpms. H L • The idling speed screw T regulates the position of the throttle lever in the idling speed position. Turn the idling speed screw clockwise gives a higher idling speed, turn it counter-clockwise a lower idling speed. WARNING! Contact your servicing dealer, if the idle speed setting cannot be adjusted so that the cutting attachment stops. Do not use the machine until it has been properly adjusted or repaired. Fine adjustment • When the machine has been "run-in" the carburetor should be finely adjusted. The fine adjustment should be carried out by qualified person. First adjust the L-jet, then the idling screw T and then the H-jet. Conditions • Before any adjustments are made the airfilter should be clean and the airfilter cover fitted. Adjusting the carburetor while a dirty airfilter is in use will result in a leaner mixture when the filter is finally cleaned. This can give rise to serious engine damage. • Carefully turn the L and H needle to the mid point between fully turned in and fully turned out. • Do not attempt to adjust the needles beyond the stops as damage can occur. • Now start the machine according to the starting instructions and run it warm for 10 minutes.

NOTE! If the cutting attachment rotates/moves the T screw should be turned anti-clockwise until the cutting attachment stops. Low speed needle L Try to find the highest idling speed, turning the low speed needle L clockwise respectively counterclockwise. When the highest speed has been found, turn the low speed needle L 1/4 turn counter-clockwise. NOTE! If the cutting attachment rotates/moves in the idling position, turn the idling speed screw T counter-clockwise until the cutting attachment stops. English – 29 MAINTENANCE Final setting of the idling speed T Adjust the idling speed with the screw T, If it is necessary to readjust.

First turn the idle speed adjusting screw T clockwise until the cutting attachment starts to rotate/move. Then turn, counterclockwise until the cutting attachment stops. A correctly adjusted idle speed setting occurs when the engine runs smoothly in every position. It should also be good margin to the rpm when the cutting attachment starts to rotate/move. CAUTION! Contact your servicing dealer, if the idle speed setting cannot be adjusted so that the cutting attachment stops. Do not use the machine until it has been properly adjusted or repaired. Correctly adjusted carburetor A correctly adjusted carburetor means that the machine accelerates without hesitation and the machine 4-cycles a little at max speed. Furthermore, the cutting attachment must not rotate/move at idling. A too lean adjusted low speed needle L may cause starting difficulties and bad acceleration. A too lean adjusted high speed needle H gives lower power = less capacity, bad acceleration and/or damage to the engine.

A too rich adjustment of the two speed needles L and H gives acceleration problems or too low working speed. High speed needle H The high speed needle affects the machine's power, speed, temperature and fuel consumption. A too lean adjustment on the high speed needle H (the high speed needle H is screwed in too much) gives a too high speed resulting in engine damage. Do not allow the engine to run at full speed for more than 10 seconds. Apply full throttle and turn the high speed needle H slowly anticlockwise until the engine runs unevenly. The high speed needle H is then turned slowly clockwise a little until the engine runs smoothly. Note the engine should be run unloaded when adjusting the high speed needle. Therefore dismantle the cutting equipment, nut, support flange and disc drive before adjusting the high speed needle. The high speed needle is adjusted correctly when the machine 'splatters' a little.



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If the machine smokes heavily at the same time as it 'splatters' heavily the adjustment is too rich.

NOTE! For optimum setting of the carburetor, contact a qualified servicing dealer who has a revolution counter at his disposal. 30 – English MAINTENANCE Muffler NOTE! Some mufflers are fitted with a catalytic converter. See 240R, 245R/RX "Technical data" to see whether your clearing saw is fitted with a catalytic converter. The muffler is designed to dampen the noise level and to direct the exhaust fumes away from the user. The exhaust fumes are hot and can contain sparks, which can result in fire if the exhaust fumes are directed towards a dry and inflammable material.

Some mufflers are equipped with a special spark arrest screen. If your machine is fitted with this type of screen it should be cleaned 250R, 252RX regularly. This is done using a wire brush. On mufflers without a catalytic converter the screen should be cleaned weekly, or replaced if necessary. On mufflers fitted with a catalytic converter the screen should be checked and cleaned monthly.

If the screen is damaged it should be replaced. If the screen is frequently blocked, this can be a sign that the function of the catalytic converter is impaired. Contact your dealer 265RX to inspect the muffler. A blocked screen will cause the engine to overheat resulting in damage to the cylinder and piston. Also see under "Maintenance". NOTE! Never use a machine with a defective muffler. Cooling system To maintain as low operating temperature as possible the engine is equipped with a cooling system. The cooling system consists of: 1. An air intake on the starter unit. 2.

Cooling fins on the flywheel. 3. Cooling fins on the cylinder 4. Cylinder cover (leads cold air onto the cylinder). Clean the cooling system using a brush at least once a week, in difficult conditions more often. A dirty or blocked cooling system leads to the engine overheating resulting in damage to the cylinder and piston. 240R, 245R/RX 4 3 2 1 250R, 252RX 4 3 2 1 265RX 4 3 2 1 ! WARNING! Mufflers fitted with catalytic converters become extremely hot during use and after stopping. This also applies at idling speeds. Contact can result in burns to the skin. Be observant to the risk of fire! English – 31 MAINTENANCE Air filter The air filter should be cleaned regularly removing dust and dirt to avoid: • carburettor malfunction • starting problems • reduced engine power • unnecessary wear to engine parts • abnormal fuel consumption Clean the filter after every 25 hours or more regularly if operating conditions are exceptionally dusty.

Oiling the air filter Always use HUSQVARNA filter oil, order no. 503 47 73-01. The filter oil contains a solvent to make it spread evenly through the filter. You should therefore avoid skin contact. Put the filter in a plastic bag and then pour the filter oil over it.

Knead the plastic bag to distribute the oil. Squeeze the excess oil out of the filter inside the plastic bag and pour off the excess before fitting the filter on the machine. Never use common engine oil. This would drain through the filter quite quickly and collect in the bottom. An air filter used for a long period of time can never be cleaned completely.

Therefore it is necessary to replace the filter from time to time with a new filter. A damaged air filter must always be replaced. 240R, 245R/RX Cleaning the air filter 240R, 245R/RX Remove the air filter cover and take out the air filter. Wash it clean in warm soapy water. Ensure that the filter is dry before refitting. If the machine is used in dusty conditions the air filter should be soaked in oil, see the section on "Oiling the air filter". 250R, 252RX 250R, 252RX Remove the air filter cover and take out the two filters, A and B. A is an air filter and B is a pre-filter. Both must be washed in warm soapy water and dried. Filter A must then be soaked in oil, see the section on "Oiling the air filter".

A B 265RX Remove the air filter cover and take out the air filter. Wash it clean in warm soapy water. Ensure that the filter is dry before refitting. 265RX 32 – English MAINTENANCE Angle gear The angle gear is filled with a sufficient quantity of grease at the factory. However, before using the machine you should check that the angle gear is filled to 3/4 with grease. Use HUSQVARNA special grease. Normally, the grease does not need to be changed except when the angle gear is repaired. Filing the grass blade ! WARNING! Always stop the engine before starting work on any part of the cutting equipment. This continues to rotate even after the throttle has been released. Ensure that the cutting equipment has stopped completely and remove the cable from the spark plug before you start to work on it.

• See the cutting equipment's packaging for correct filing instructions. • The blades are sharpened using a single cut flat file. • Sharpen all edges equally to maintain the balance of the blade. Spark plug The condition of the spark plug is affected by: • An incorrect carburettor setting. • An incorrect fuel mixture (too much or faulty oil).

• A dirty air filter. These factors cause deposits on the spark plug electrode that may result in malfunction or starting difficulties. If the machine is low on power, difficult to start or runs poorly while idling always check the spark plug first. If the spark plug is dirty, clean it and at the same time check that the electrode gap is 0.5 mm.

The spark plug should be changed after about one month of operation or earlier if necessary. NOTE! Always use the recommended type of spark plug. An incorrect spark plug can damage the cylinder/piston. 0,5 mm ! WARNING! Always discard a blade that is bent, twisted, cracked, shattered or damaged in any other way. Never attempt to straighten a twisted blade for use again. Only use original blades of the prescribed type. English – 33 MAINTENANCE Sharpening the clearing blade ! WARNING! Incorrect cutting equipment or an incorrectly sharpened blade increases the risk of kickback. NOTE: Use only HUSQVARNA replacement parts. Use of other brands of replacement parts can cause damage to your unit or injury to the operator or others. Your warranty does not cover damage or liability caused by the use of accessories and/or attachments not specifically recommended by HUSQVARNA.

• See the cutting equipment's packaging for correct filing instructions. • Make sure that the blade is well supported when you use the file. Use a 5.5 mm round file with a file holder. • The sharpening angle is 15°. Every other tooth is sharpened to the right and the intermediate tooth to the left. When the blade has been heavily pitted by stones the upper side of the teeth can, in exceptional cases, need to be dressed using a flat file. In such cases this takes place before sharpening with the round file. Dressing the top side must be carried out equally for all teeth.



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•Adjust the setting.

This should be 1 mm. Maintenance schedule Below you will find some general maintenance instructions. Daily maintenanceCheck throttle trigger and throttle trigger lockout function. Check stop switch function. Check that blade/trimmer head does not rotate at idling.

Clean the exterior of the machine. Check that the harness is undamaged. Check the blade guard for damage or cracks. Change the guard in case of impacts or cracks. Check that the blade is properly centred, sharp, and without cracks.

Check the trimmer head for cracks and chips or damage. Replace if necessary. A non-balanced blade/trimmer head induces heavy vibrations that may damage the machine. Check that the blade nut is sufficiently tightened. Make sure that the blade transport guard is undamaged and that it can be securely fitted. Check that nuts and screws are sufficiently tightened. Weekly maintenanceCheck the starter, especially cord and return spring. Clean the carburetor area. Clean the exterior of the spark plug. Remove it and check the electrode gap.

Adjust it to 0,5 mm (.020"), or change the spark plug. Clean the cooling fins on the cylinder and check that the air intake at the starter is not clogged. • Check that the angle gear is filled with grease up to 3/4. Use special grease. • Clean the air filter. • Clean or replace the muffler's spark arrest screen (not on mufflers with a catalytic converter). Monthly maintenanceClean the fuel tank. Clean the exterior of the carburetor and the space around it.

Clean the fan and the space around it.

Check fuel hose for cracks or other damage. Change if necessary. Change fuel filter in fuel tank. Check clutch, clutch spring and clutch drum for wear. Change if necessary.

Check electrical wires and connections. Change the spark plug. Change the airfilter. Check and clean the muffler's spark arrest screen if necessary (only mufflers with a catalytic converter). 34 – English TECHNICAL DATA Technical data Engine Cylinder capacity, cm3 Cylinder bore, mm Stroke length, mm Idling speed, rpm Recommended max.

speed, rpm Speed of output axle, rpm Max. engine output, acc. to ISO 8893 Muffler fitted with catalytic converter Ignition system Manufacturer/type of ignition system Spark plug Electrode gap, mm Fuel lubrication system Manufacturer/type of carburetor Fuel tank capacity, litres Weight Weight without fuel, cutting tool and guard, kg Noise levels Equivalent noise pressure level at the user's ear, measured according to prEN 31806 and ISO 7917, dB(A), min/max: Equivalent noise power level at the user's ear, measured according to prEN 31806 and ISO 10884, dB(A), min/max: Vibration levels Vibration levels on the handles, measured according to prEN 31806 and ISO 7916, m/s2 When idling, left/right handles, min: When idling, left/right handles, max: At max. speed, left/right handles, min: At max. speed, left/right handles, max: 240R 40,2 40 32 2 700 12 500 9 190 1,8 kW/9 000 rpm No 245R 44,3 42 32 2 700 12 500 9 190 2,0 kW/9 000 rpm No 245RX 44,3 42 32 2 700 12 500 9 190 2,0 kW/9 000 rpm No EM/ET Champion RCJ 7Y 0,5 EM/ET Champion RCJ 7Y 0,5 EM/ET Champion RCJ 7Y 0,5 Zama EL10 0,8 Zama EL10 0,8 Zama EL10 0,8 8,6 8,6 8,6 8,4 100/104 100/104 100/104 111/114 111/114 113/114 2,1/2,1 2,4/2,8 2,9/2,4 4,0/3,5 2,3/2,7 3,2/3,5 3,3/3,5 4,8/5,4 2,3/2,7 3,2/3,5 3,3/3,5 4,8/5,4 NOTE! @@The maximum and minimum values are stated in the table above. English – 35 TECHNICAL DATA Technical data Engine Cylinder capacity, cm3 Cylinder bore, mm Stroke length, mm Idling speed, rpm Recommended max. speed, rpm Speed of output axle, rpm Max. engine output, acc. @@speed, left/right handles, min: At max. @@@@@In U.

S., new small nonroad engines must be designed, built and equipped to meet the federal stringent anti-smog standards. Husqvarna Forest & Garden must warrant the emission control system on your small nonroad engine for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your unit. Your emission control system includes Parts such as the carburetor and the ignition system. Where a warrantable condition exists, Husqvarna Forest & Garden will repair your small nonroad engine at no cost to you. Expenses covered under warranty include diagnosis, parts and labor. WHAT IS COVERED REPAIR OR REPLACEMENT OF PARTS Repair or replacement of any warranted part will be performed at no charge to the owner at an approved Husqvarna Forest & Garden servicing dealer. If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized servicing dealer or call Husqvarna Forest & Garden at 1800-487-5963. WARRANTY PERIOD Any warranted part which is not scheduled for replacement as required maintenance, or which is scheduled only for regular inspection to the effect of "repair or replace as necessary" shall be warranted for 2 years. Any warranted part which is scheduled for replacement as required maintenance shall be warranted for the period of time up to the first scheduled replacement point for that part.

DIAGNOSIS The owner shall not be charged for diagnostic labor which leads to the determination that a warranted part is defective, if the diagnostic work is performed at an approved Husqvarna Forest & Garden servicing dealer. CONSEQUENTIAL DAMAGES Husqvarna Forest & Garden may be liable for damages to other engine components caused by the failure of a warranted part still under warranty. MANUFACTURER'S WARRANTY COVERAGE The 1999 and later small nonroad engines are warranted for two years. If any emission related part on your engine (as listed above) is defective, the part will be repaired or replaced by Husqvarna Forest & Garden. OWNER'S WARRANTY RESPONSIBILITIES As the small nonroad engine owner, you are responsible for the performance of the required maintenance listed in your Operator's Manual.

Husqvarna Forest & Garden recommends that you retain all receipts covering maintenance on your small nonroad engine, but Husqvarna Forest & Garden cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. As the small nonroad engine owner, you should, however, be aware that Husqvarna Forest & Garden may deny you warranty coverage if your small nonroad engine or a part of it has failed due to abuse, neglect, improper maintenance, unapproved modifications or the use of parts not made or approved by the original equipment manufacturer. You are responsible for presenting your small nonroad engine to a Husqvarna Forest & Garden authorized servicing dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.



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