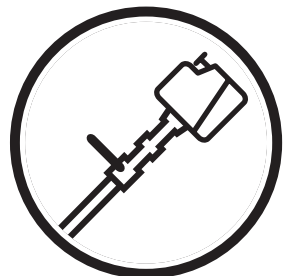


Operator's Manual

125E



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.

English

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WARRANTY STATEMENT

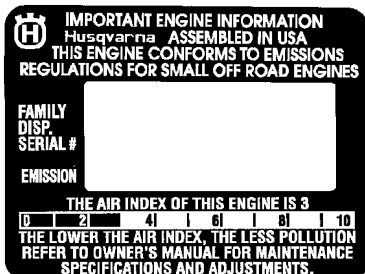
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Note the following before starting:

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. Long-term exposure to noise can result in permanent hearing impairment. Always use approved hearing protection. Maintenance, replacement, or repair of the emission control devices and system may be performed by any nonroad engine repair establishment or individual.

The Emissions Compliance Period referred to on the Emissions Compliance label indicates the number of operating hours for which the engine has been shown to meet Federal emissions requirements.

Category C = 50 hours, B= 125 hours, and A = 300 hours.



⚠ WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

For reference, please fill out the following information that will be needed for future servicing of your trimmer:

Model Number: _____

Serial Number: _____

Purchase Date: _____

Purchased From: _____

⚠ WARNING: An edger can be dangerous if used incorrectly or carelessly, and can cause serious or fatal injury to the operator or others. It is extremely important that you read and understand the contents of this operator's manual.

⚠ 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 may not cover damage or liability caused by the use of non-authorized accessories or replacement parts.

KEY TO SYMBOLS

Symbols

WARNING: This edger can be dangerous! Careless or incorrect use can result in serious or fatal injury to the operator or others.



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.



Always wear:

- A protective helmet where there is a risk of falling objects
- Hearing protection
- Approved eye protection



Max. speed of output shaft, rpm



max
10000 rpm

Watch out for thrown objects and ricochets.



Warning for rotating blade. Keep hands and feet clear.



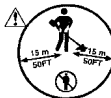
WARNING: The blade continues to rotate even after the engine has stopped.



When the engine has stopped, stop the blade from rotating by letting the blade come in contact with the ground.

Indicates the direction of rotation.

The operator of the machine must ensure that no persons or animals comes within a 15 metre radius while working.



Arrows which show limits for handle positioning.



Always wear approved protective gloves.



Wear sturdy, non-slip boots.



Other symbols/decals on the machine refer to special certification requirements for certain markets.

Stop the engine by pushing and holding the stop switch in the STOP position until the engine stops before carrying out any checks or maintenance.



Regular cleaning is required.



Visual check.



Approved eye protection must always be used.



SAFETY INSTRUCTIONS

Personal protective equipment

IMPORTANT! Whenever you use a lawn edger, you must wear personal protective equipment that is approved by the authorities. Personal protective equipment does not eliminate the risk of accidents, but it can reduce the effects of an injury in the event of an accident. Ask your dealer for help when choosing protective equipment.

WARNING: Listen out for warning signals or shouts when you are wearing hearing protection. Always remove your hearing protection as soon as the engine stops.

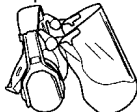
GLOVES

Gloves should be worn when necessary, e.g., when fitting cutting attachments.



HEARING PROTECTION

Wear hearing protection that provides adequate noise reduction.



EYE PROTECTION

Always wear approved eye protection. If you use a visor then you must also wear approved protective goggles. Approved protective goggles must comply with standard ANSI Z87.1.



BOOTS

Wear sturdy, non-slip boots.



CLOTHING

Wear clothes made of a strong fabric and avoid loose clothing that can catch on twigs and branches. Always wear heavy, long pants. Do not wear jewelry, shorts sandals or go barefoot. Secure hair so it is above shoulder level.

FIRST AID KIT

Always have a first aid kit nearby.



Machine's safety equipment

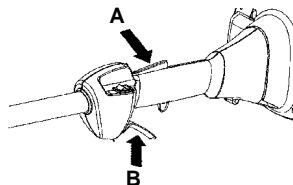
This section describes the machine's safety equipment, its purpose, and how checks and maintenance should be carried out to ensure that it operates correctly. See the "Know your trimmer" section to locate where this equipment is positioned on your machine.

The life span of the machine can be reduced and the risk of accidents can increase if machine maintenance is not carried out correctly and if service and/or repairs are not carried out professionally. If you need further information please contact your nearest servicing dealer.

WARNING: Never use a machine that has faulty safety equipment! Carry out the inspection, maintenance and service routines listed in this section.

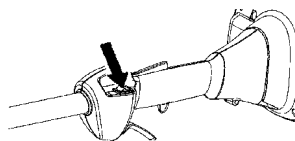
Throttle lock

The throttle lock is designed to prevent accidental operation of the throttle control. When you press the lock (A) (i.e. when you grasp the handle) it releases the throttle control (B). When you release the handle the throttle control and the throttle lock both move back to their original positions. This movement is controlled by two independent return springs. This arrangement means that the throttle control is automatically locked at the idle setting.



Stop switch

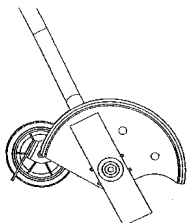
Make sure the engine stops when you push and hold the stop switch.



SAFETY INSTRUCTIONS

Cutting attachment guard

This guard is intended to prevent loose objects from being thrown towards the operator. The guard also protects the operator from accidental contact with the cutting attachment.



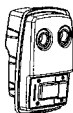
WARNING: Never use a cutting attachment without an approved guard. See the section on "Technical data". If an incorrect or faulty guard is fitted this can cause serious personal injury.

WARNING: Overexposure to vibration can lead to circulatory damage or nerve damage in people who have impaired circulation. Contact your doctor if you experience symptoms of overexposure to vibration. Such symptoms include numbness, loss of feeling, tingling, pricking, pain, loss of strength, changes in skin color or condition. These symptoms normally appear in the fingers, hands or wrists. The risk increases at low temperatures.

Muffler

The muffler is designed to reduce the noise level and to direct the exhaust gases away from the operator.

CAUTION! Muffler is fitted with a catalytic converter designed to reduce harmful exhaust gases.



For mufflers, it is very important that you follow the instructions on checking, maintaining, and servicing your machine. See Checking, maintaining and servicing the machine's safety equipment section.

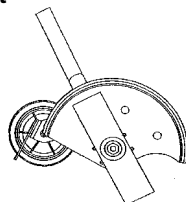
WARNING: Mufflers fitted with catalytic converters get very hot during use and remain so for some time after stopping. This also applies at idle speed. Contact can result in burns to the skin. Remember the risk of fire!

WARNING: The inside of the muffler contain chemicals that may be carcinogenic. Avoid contact with these elements in the event of a damaged muffler.

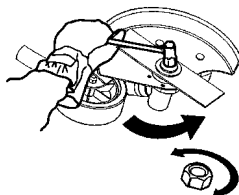
WARNING: Bear in mind that: Engine exhaust fumes contain carbon monoxide, which can cause carbon monoxide poisoning. For this reason you should not start or run the machine indoors, or anywhere that is poorly ventilated. The exhaust fumes from the engine are hot and may contain sparks which can start a fire. Never start the machine indoors or near combustible material!

Cutting equipment

The blade is designed and processed to withstand loads that edging of a lawn involves.



The locking nut secures the cutting equipment on the output shaft.



Checking, maintaining and servicing the machine's safety equipment

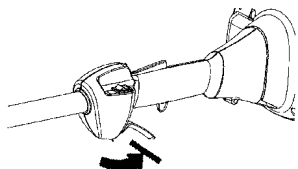
IMPORTANT!

All servicing and repair work on the machine requires special training. This is especially true of the machine's safety equipment. If your machine fails any of the checks described below you must contact your service agent. When you buy any of our products we guarantee the availability of professional repairs and service. If the retailer who sells your machine is not a servicing dealer, ask him for the address of your nearest service agent.

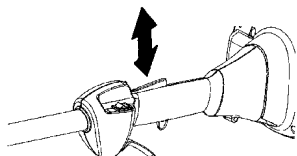
SAFETY INSTRUCTIONS

Throttle lock

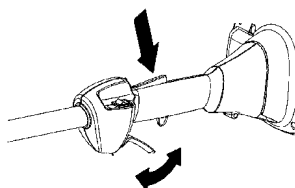
- Make sure the throttle control is locked at the idle setting when the throttle lock is released.



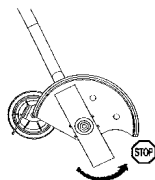
- Press the throttle lock and make sure it returns to its original position when you release it.



- Check that the throttle control and throttle lock move freely and that the return springs work properly.

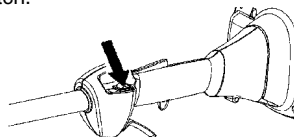


- See instructions under the section "Start". Start the machine and apply full throttle. Release the throttle and check that the cutting attachment stops and remains at a standstill. If the cutting attachment rotates with the throttle in the idle position then the carburetor idle setting must be checked. See instructions under the section "Maintenance".

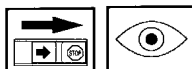


Stop switch

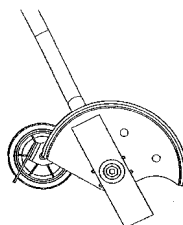
- Start the engine and make sure the engine stops when you push and hold the stop switch.



Cutting attachment guard



- Ensure that the guard is undamaged and is not cracked.

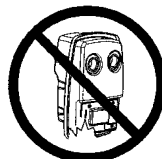


- Replace the guard if it has been exposed to impact or is cracked.
- Always use the recommended blade and guard combination. See section on "Technical data".

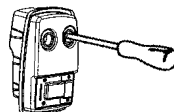
Muffler



- Never use a machine that has a faulty muffler.



- Regularly check that the muffler is securely attached to the machine.



- The muffler on this unit is equipped with a special spark arrestor mesh. The mesh should be checked and, if necessary, cleaned by a servicing dealer. A blocked mesh will cause the machine to overheat, which can lead to serious damage. Never use a muffler with a defective spark arrestor mesh. See the Maintenance section.

SAFETY INSTRUCTIONS

Cutting equipment

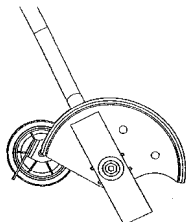
This section describes how to choose and maintain your cutting equipment in order to:

- Obtain maximum cutting performance.
- Extend the life of cutting equipment.

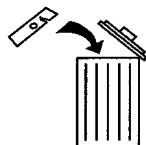
General rules:



1. Only use the blade and guard we recommend! See the section on "Technical Data".



2. Check the blade for damage. A damaged blade should always be replaced.

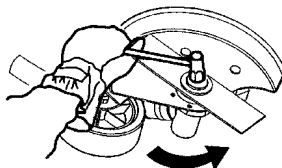


WARNING: Never use a machine with faulty safety equipment. The machine's safety equipment must be checked and maintained as described in this section. If your machine fails any of these checks contact your service agent to get it repaired.

Locking nut



- Protect your hand from injury during assembly. Always wear protective gloves. Use the blade guard as protection when tightening nut. Tighten the nut by turning against the direction of rotation. Loosen the nut by turning in the direction of rotation. (**NOTE:** The nut has a left-handed thread.)
- Tighten the nut securely using a wrench.



Loosen



Tighten

NOTE!

The locking nut's nylon lock must not be worn so that it can be turned by hand. The nut should be replaced after it has been removed and reinstalled approximately 10 times.



WARNING: Always stop the engine before doing any work on the cutting attachment. This continues to rotate even after the throttle has been released. Ensure that the cutting attachment has stopped completely and disconnect the HT lead from the spark plug before you start to work on it.

SAFETY INSTRUCTIONS

General safety precautions

IMPORTANT!

- The machine is only designed for cutting the edges of lawns.
- The only accessories you can operate with this engine unit are the cutting attachments we recommend in the "Technical data" section.
- Never use the machine if you are tired, if you have drunk alcohol, or if you are taking medication that could affect your vision, your judgment or your coordination.
- Never use the machine in extreme weather conditions such as severe cold, very hot and/or humid climates.
- Never use a machine that has been modified in any way from its original specification.
- Wear personal protective equipment. See instructions in the "Personal protective equipment" section.
- Never use a machine that is faulty. Carry out the checks, maintenance and service instructions described in this manual. Some maintenance and service measures must be carried out by trained and qualified specialists. See instructions in the "Maintenance" section.
- All covers and guards must be fitted before starting. Make sure the spark plug cap and HT lead are not damaged. Otherwise you could get an electric shock.
- The machine operator must ensure that no people or animals come closer than 50 feet (15 meters) while working.
- Secure hair above shoulder length. Secure or remove loose clothing or clothing with loosely hanging ties, straps, tassels, etc. They can be caught in moving parts.
- Being fully covered also helps protect you from debris and pieces of toxic plants thrown by spinning blade.
- Keep handles free of oil and fuel.
- Always keep the engine on the right hand side of your body.
- Hold the unit firmly with both hands.
- Keep blade below waist level and away from all parts of your body. Do not raise engine above your waist.
- Keep all parts of your body away from muffler and spinning blade. Keep engine below waist level. A hot muffler can cause serious burns.
- Keep firm footing and balance. Do not overreach or use from unstable surfaces such as ladders, trees, steep slopes, rooftops, etc.
- Use only in daylight or good artificial light.
- Use only for jobs explained in this manual.



WARNING: Faulty cutting equipment may increase the risk of accidents.

Personal protection



- Always wear boots and other equipment described in the "Personal protective equipment" section.
- Always wear working clothes and heavy-duty long pants.
- Never wear loose fitting clothes or jewelry.
- Persons with long hair should (for personal safety) put their hair up.

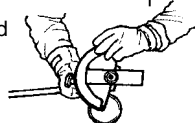
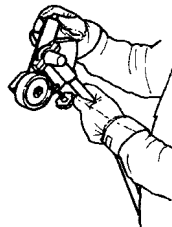
Safety instructions regarding the surroundings

- Never allow children to use the machine.
- Ensure no one comes closer than 50 feet (15 meters) when working.
- Never allow anyone else to use the machine without first ensuring that they have understood the contents of the operator's manual.

Safety instructions before starting work



- Inspect the working area. Remove any objects such as stones, broken glass, nails, steel wire, string, etc. that can be thrown or can wrap around the blade or blade guard.
- Keep others at a safe distance. Children, animals, onlookers and helpers should stand outside of the safety zone of 50 feet (15 meters). Stop the machine immediately if anyone should approach.
- Check the entire machine before starting work. Replace damaged parts. Check for fuel leakage and that all safety guards and covers are complete and fastened securely. Check all nuts and bolts.
- Check the blade for cracks or any other damage.
- Ensure the blade guard is mounted and not damaged.



SAFETY INSTRUCTIONS

- Check that the blade and blade guard are correctly secured.
- When adjusting the carburetor, make sure the blade is held against the ground and that no one is in the immediate vicinity.
- Make sure the blade does not rotate when idling.
- Make sure the handle and safety features are in order. Never use a machine that has parts missing or has been changed in relation to the specification.
- Only use the machine for the purpose for which it was intended.

Starting



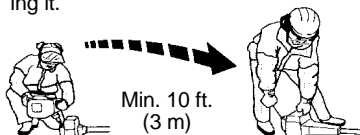
WARNING: When the engine is started with the choke in either the choke or start throttle positions the blade will start to rotate immediately.

- Ensure that all of the engine covers and housings are properly fitted before the unit is started.
- Never start or attempt to run the unit with the clutch, clutch drum, clutch cover, or driveshaft removed.
- Never start the machine indoors. Exhaust fumes can be dangerous if inhaled.
- Observe your surroundings and make sure that there is no risk of people or animals coming into contact with the cutting equipment.
- See the "Starting and Stopping" section for complete instructions.

Fuel safety



- Always use a fuel container with an anti-spill valve.
- Never refuel the machine while the engine is running.
- Always stop the engine and let it cool for a few minutes before refueling.
- Make sure there is plenty of ventilation when refueling or mixing fuel (gasoline and 2-stroke oil).
- Move the machine at least 10 feet (3 meters) from the refueling point before starting it.



- Never start the machine:
 - If you have spilled fuel on it. Wipe off the spillage and allow remaining fuel to evaporate.
 - If you have spilled fuel on yourself or your clothes, change your clothes. Wash any part of your body that has come in contact with fuel. Use soap and water.
 - If the machine is leaking fuel. Check regularly for leaks from the fuel cap and fuel lines.
 - Avoid all skin contact with fuel. Fuel is a skin irritant and may even cause skin changes.

WARNING: Take care when handling fuel. Bear in mind the risk of fire, explosion and inhaling fumes.

Transporting and storage

- Store and transport the machine and fuel so that there is no risk of any leakage or fumes coming into contact with sparks or naked flames, for example, from electrical machinery, electric motors, electrical relays/switches or boilers.
- When storing and transporting fuel always use approved containers intended for this purpose.
- When storing the machine for long periods the fuel tank must be emptied. Contact your local gas station to find out where to dispose of excess fuel.
- The engine must be cool before storage or transporting.

General working instructions

IMPORTANT!

This section describes the basic safety precautions for working with the edger. If you encounter a situation where you are uncertain how to proceed you should ask an expert. Contact your servicing dealer. Avoid all usage which you consider to be beyond your capability.

Basic safety rules

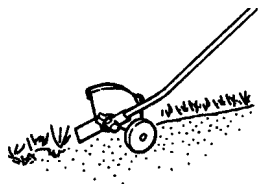


1. Observe your surroundings:
 - To ensure that people, animals or other things cannot affect your control of the machine.
 - To ensure that people, animals, etc., do not come into contact with the blade or loose objects that are thrown out by the blade.

SAFETY INSTRUCTIONS

CAUTION! Do not use the machine unless you are able to call for help in the event of an accident.

2. Do not use the machine in bad weather, such as dense fog, heavy rain, strong wind, intense cold, etc. Working in bad weather is tiring and often brings added risks, such as icy ground, unpredictable felling direction, etc.



3. Make sure you can move and stand safely. Check the area around you for possible obstacles (roots, rocks, branches, ditches, etc.) in case you have to move suddenly. Take great care when working on sloping ground.
4. Switch off the engine before moving to another area.
5. Never put the machine down with the engine running.

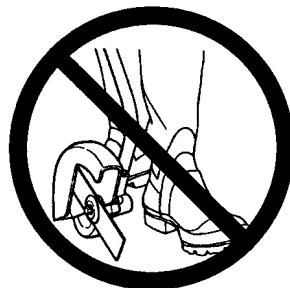
Basic working techniques

Safety instructions while working



- Always ensure you have a safe and firm foothold.
- Always hold the machine with both hands. Hold the machine of the right-hand side your the body.
- Make sure your hands and feet do not come into contact with the blade when the engine is running.
- When the engine is switched off, keep your hands and feet away from the blade until it has stopped.
- Always cut edges at full throttle.
- Always keep the blade close to the ground.

- 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 blade when edging) can lead to serious engine damage.
- **It is recommended that the engine not be operated for longer than 1 minute at full throttle.**
- Be especially careful when pulling the edger towards you during work.
- If heavy vibrations occur, stop the engine. Remove the spark plug cable from the spark plug. Check that the machine is not damaged. Repair any damage.



WARNING: Sometimes grass and stones can collect in the blade guard and around the blade. Always stop the engine when cleaning.

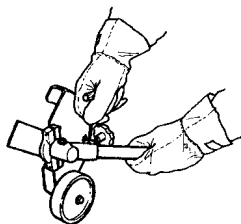
WARNING: Beware of thrown objects. Always wear eye protection. Never lean over the blade guard. Stones rubbish etc. can be thrown up into the eyes resulting in blindness or other serious injury. Keep unauthorised persons at a distance. Children, animals, on-lookers and helpers should be outside the safety zone of 15 meters (50 feet). Stop the machine immediately if anyone approaches. 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.

SAFETY INSTRUCTIONS

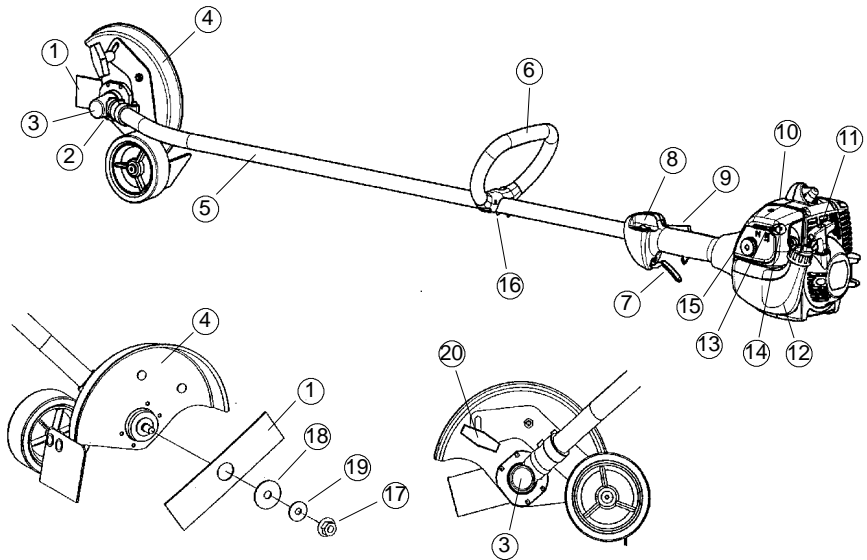
Safety instructions after completing work



- Ensure the blade has stopped before cleaning, making repairs or an inspection. Remove the spark plug cable from the spark plug.
- Wear heavy-duty gloves when making repairs to the edger.
- Store the machine out of reach of children.
- Only use original spare parts during repair.

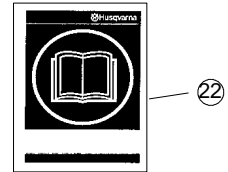


KNOW YOUR EDGER



Know your edger

- | | |
|----------------------|-----------------------------|
| 1. Blade | 12. Fuel tank |
| 2. Grease filler cap | 13. Choke control |
| 3. Bevel gear | 14. Primer bulb |
| 4. Blade guard | 15. Air filter cover |
| 5. Shaft | 16. Handle adjustment |
| 6. Loop handle | 17. Locking nut |
| 7. Throttle control | 18. Flat washer |
| 8. Stop switch | 19. Spring washer |
| 9. Throttle lock | 20. Depth adjustment knob |
| 10. Cylinder cover | 21. 2-stroke engine oil |
| 11. Starter handle | 22. Operator's manual (EPA) |

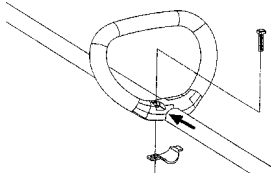


ASSEMBLY

NOTE: Make sure unit is assembled correctly as shown in this manual.

Assembling the loop handle

- Position the handle on the shaft. Note that the handle must be mounted between the two arrows on the shaft.



- Fit the screw, securing plate and wing nut as shown in the diagram.
- Tighten the wing nut.

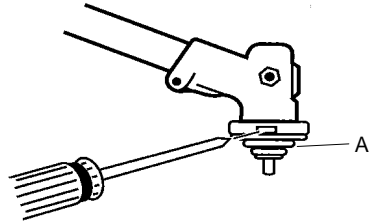
Assembling the blade



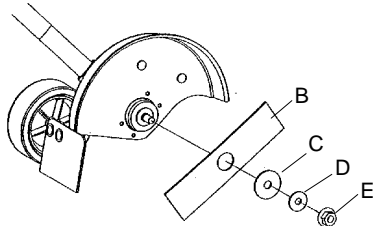
WARNING: The blade will continue to spin after the engine stops or after the throttle trigger has been released. To avoid serious injury, make sure the blade has stopped coasting and disconnect the spark plug before performing work on the blade.

WARNING: Wear protective gloves when handling or performing maintenance on the blade to avoid injury. The blade is sharp and can cut you even when it is not moving.

1. Align hole in the dust cup with the hole in the side of the bevel gear by rotating the dust cup (A).
2. Insert a small screwdriver into aligned holes. This will keep the output shaft from turning while loosening the locking nut (E).



3. While holding the screwdriver in position, remove locking nut by turning clockwise.
4. Remove both washers (C and D) and the blade (B) from the output shaft.



5. Install blade onto output shaft.
6. Reinstall both washers and locking nut (counterclockwise).
7. Tighten locking nut firmly with a wrench while holding screwdriver in position.
8. Remove the screwdriver.
9. Turn blade by hand. If the blade binds against the shield, or appears to be uneven, the blade is not centered, and you must reinstall.

WARNING: Under no circumstances should the edger be used without the blade guard installed.

FUEL HANDLING

Fuel mixture

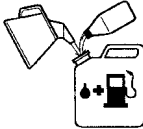
CAUTION! The machine is equipped with a two-stroke engine and must always be run using a mixture of gasoline and two-stroke engine oil. It is important to accurately measure the amount of oil to be mixed to ensure that the correct mixture is obtained. When mixing small amounts of fuel, even small inaccuracies can drastically affect the ratio of the mixture.

WARNING: Always ensure there is adequate ventilation when handling fuel.

Gasoline



CAUTION! Always use high quality unleaded gasoline.



- 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, "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.

Two-stroke oil

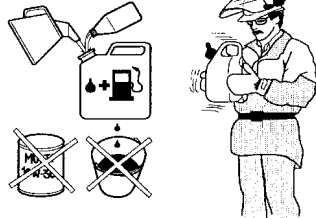
- For great results and performance use HUSQVARNA two-stroke oil, which is specially formulated for our two-stroke engines. Mixture 1:50 (2%).
- To maximize the life of your trimmer, you may choose to use a high quality synthetic oil formulated for two-stroke engines. Mixture 1:50 (2%).
- Never use two-stroke oil intended for water-cooled outboard engines, sometimes referred to as outboard oil.
- Never use oil intended for four-stroke engines.

Gasoline	Two-stroke oil
	2% (1:50)
U.S. gallon	U.S. fl. oz.
1	2 1/2
2 1/2	6 1/2
5	12 7/8

Mixing

- Always mix the gasoline and oil in a clean container intended for fuel.

- Always start by filling half the amount of the gasoline to be used. Then add the entire amount of oil. Mix (shake) the fuel mixture. Add the remaining amount of gasoline.
- Mix (shake) the fuel mixture thoroughly before filling the machine's fuel tank.



- Do not mix more than one month's supply of fuel at a time.
- If the machine is not used for some time, the fuel tank should be emptied and cleaned.

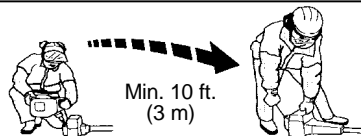
WARNING: The catalytic converter muffler gets very hot during and after use. This also applies during idling. Be aware of the fire hazard, especially when working near flammable substances and/or vapors.

Fueling



WARNING: Taking the following precautions, will lessen the risk of fire:

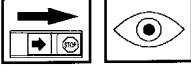
- Do not smoke or place hot objects near fuel.
- Always shut off the engine before refueling.
- Always stop the engine and let it cool for a few minutes before refueling.
- When refueling, open the fuel cap slowly so that any excess pressure is released gently.
- Tighten the fuel cap carefully after refueling.
- Always move the machine away from the refueling area before starting.



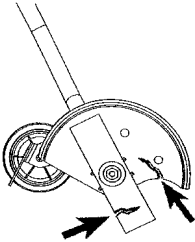
- Clean the area around the fuel cap. Contamination in the tank can cause operating problems.
- Ensure that the fuel is well mixed by shaking the container before filling the tank.

STARTING AND STOPPING

Check before starting



- Inspect the unit before each use. Replace damaged parts. Check for fuel leaks. Make sure all fasteners are in place and secure. Make sure the blade and blade guard are properly installed and the blade nut is securely tightened.
- Check that the blade and blade guard are not damaged or cracked. Replace the blade or blade guard if they have been exposed to impact or are cracked.



- Never use the machine without a guard nor with a defective guard.

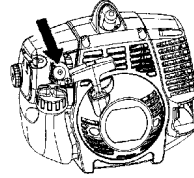
Starting and stopping



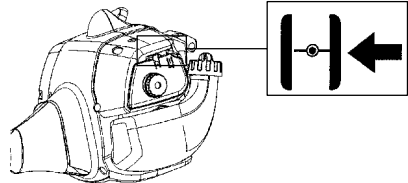
WARNING: The complete clutch, clutch cover, and shaft must be fitted before the machine is started, otherwise parts could come loose and cause personal injury. Always move the machine away from the refueling area before starting. Place the machine on a flat surface. Ensure the cutting attachment cannot come into contact with any object. Make sure no unauthorized persons are in the working area, otherwise there is a risk of serious personal injury. The safety distance is 50 feet (15 meters).

Cold engine

Primer bulb: Press the primer bulb 10 times until fuel begins to fill the bulb. The primer bulb need not be completely filled.



Choke: Move the blue engine choke lever over to the closed position.



Starting

Hold the body of the machine on the ground using your left hand (**CAUTION!** Not with your foot!).

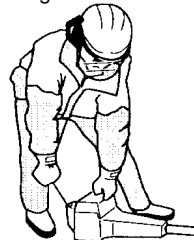
Firmly grip the starter rope handle with your right hand. **DO NOT squeeze throttle trigger.** Slowly pull out the cord until you feel some resistance (the starter pawls grip); then quickly and powerfully pull the cord.

Never wrap the starter cord around your hand.

Repeat pulling the cord until the engine attempts to start. Squeeze throttle trigger to release the choke. **Continue to hold throttle trigger** and pull starter rope until engine runs.

NOTE: If engine dies, return blue engine choke lever to the closed position and repeat starting steps.

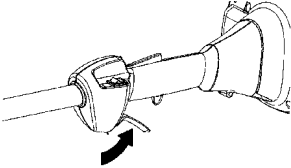
CAUTION! Do not pull the starter cord all the way out and do not let go of the starter handle when the cord is fully extended. This can damage the machine.



STARTING AND STOPPING

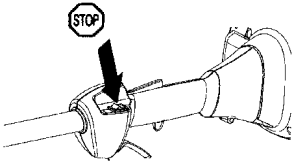
Warm engine

With a warm engine, squeeze and hold the throttle trigger. Pull starter rope sharply while squeezing throttle trigger until engine runs.



Stopping

Stop the engine by pushing and holding the stop switch in the STOP position until the engine stops.



WARNING: When the engine is started with the choke in the closed position the cutting attachment will start to rotate immediately.

MAINTENANCE

The owner is responsible for the performance of all required maintenance as defined in the operator's manual.

Carburetor

Your Husqvarna product has been designed and manufactured to specifications that reduce harmful emissions. After the engine has used 8-10 tanks of fuel, the engine will be run-in. To ensure that it continues to run at peak performance and to minimize harmful exhaust emissions after the run-in period, ask your servicing dealer to adjust your carburetor.

WARNING: The complete clutch, clutch cover, and shaft must be fitted before the machine is started, otherwise parts could come loose and cause personal injury.

Function



- The carburetor governs the engine's speed via the throttle control. Air and fuel are mixed in the carburetor.
- The T-screw regulates the throttle setting at idle speed. If the T-screw is turned clockwise this gives a higher idle speed; turning it counterclockwise gives a lower idle speed.

Basic setting

- The basic carburetor settings are adjusted during testing at the factory. Fine adjustment should be carried out by a skilled technician.

CAUTION! If the cutting attachment rotates when the engine is idling the idle adjustment screw T should be turned counterclockwise until the cutting attachment stops.

Rec. idle speed:

See "Technical data" section.

Recommended max. speed:

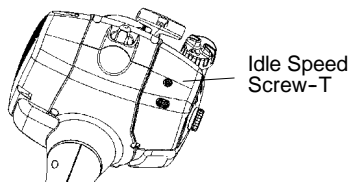
See "Technical data" section.

WARNING: If the idle speed cannot be adjusted so that the cutting attachment stops, contact your dealer/service workshop. Do not use the machine until it has been correctly adjusted or repaired.

Fine adjustment of the idle speed-T

Adjust the idle speed using the idle adjustment screw-T if it is necessary to readjust. First, turn the idle adjustment screw-T clockwise until the cutting attachment starts to rotate. Then, turn the screw counterclockwise until the cutting attachment stops.

The idle speed is correctly adjusted when the engine will run smoothly in every position. The idle speed should also be well below the speed at which the cutting attachment starts to rotate.



WARNING: If the idle speed cannot be adjusted so that the cutting attachment stops, contact your servicing dealer. Do not use the machine until it has been correctly adjusted or repaired.

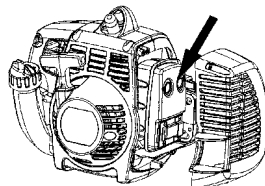
Unit/Maintenance Safety

Disconnect the spark plug before performing maintenance, except carburetor adjustments.

Muffler



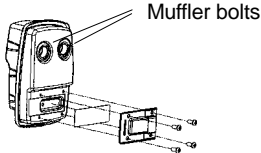
CAUTION! Muffler is fitted with a catalytic converter designed to reduce harmful exhaust gases.



The muffler is designed to reduce the noise level and to direct the exhaust gases away from the operator. The exhaust gases are hot and can contain sparks, which may cause fire if directed against dry and combustible material.

Mufflers are equipped with a special spark arrester mesh. The mesh should be checked and, if necessary, cleaned by a servicing dealer. **If the mesh is damaged, it should be replaced.** If the mesh is frequently blocked, this can be a sign that the performance of the catalytic converter is impaired. Contact your servicing dealer to inspect the muffler. A blocked mesh will cause the machine to overheat and result in damage to the cylinder and piston.

MAINTENANCE



CAUTION! Never use a machine that has a faulty or loose muffler. Ensure the muffler bolts are tight.

WARNING: Mufflers fitted with catalytic converters get very hot during use and remain so for some time after stopping. This also applies at idle speed. Contact can result in burns to the skin. Remember the risk of fire!

WARNING: The inside of the muffler contain chemicals that may be carcinogenic. Avoid contact with these elements in the event of a damaged muffler.

WARNING: Bear in mind that: Engine exhaust fumes contain carbon monoxide, which can cause carbon monoxide poisoning. For this reason you should not start or run the machine indoors, or anywhere that is poorly ventilated. The exhaust fumes from the engine are hot and may contain sparks which can start a fire. Never start the machine indoors or near combustible material!

Spark plug



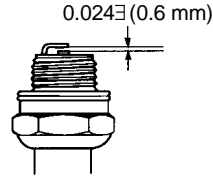
The spark plug condition is influenced by:

- Incorrect carburetor adjustment.
- An incorrect fuel mixture (too much or incorrect type of oil).
- A dirty air filter.

These factors cause deposits on the spark plug electrodes, which may result in operating problems and starting difficulties.

If the machine is low on power, difficult to start or runs poorly at idle speed: always check the spark plug first before taking any further action. If the spark plug is dirty, clean it and check that the electrode gap is 0.0243 (0.6 mm). The spark plug should be replaced after about a month in operation or earlier if necessary.

CAUTION! Always use the recommended spark plug type! Use of the wrong spark plug can damage the piston/cylinder.

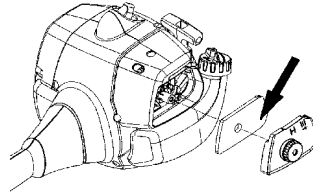


Air filter



The air filter must be regularly cleaned to remove dust and dirt in order to avoid:

- Carburetor malfunctions
- Starting problems
- Loss of engine power
- Unnecessary wear to engine parts
- Excessive fuel consumption



Clean the filter every 25 hours, or more regularly if conditions are exceptionally dusty.

Cleaning the air filter

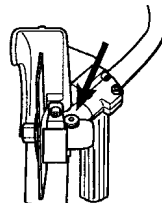
Remove the air filter cover and take out the filter. Wash it clean in warm, soapy water. Rinse thoroughly. Ensure that the filter is dry before refitting it.

An air filter that has been in use for a long time cannot be cleaned completely. The filter must therefore be replaced with a new one at regular intervals. **A damaged air filter must always be replaced.**

Bevel gear



The bevel gear is filled with the right quantity of grease at the factory. However, before using the machine you should check that the bevel gear is filled three-quarters full with grease. Use HUSQVARNA special grease.



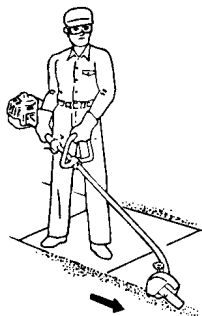
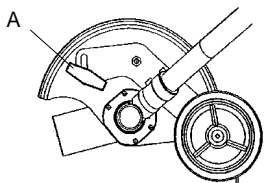
MAINTENANCE

The grease in the bevel gear does not normally need to be changed except if repairs are carried out.

Adjusting the edger's cutting depth

The cutting depth should be adjusted before starting work.

WARNING: Never attempt to adjust the cut depth when the engine is running. Always release the throttle trigger, wait until the blade stops turning, move the ON/OFF switch to the OFF position, and disconnect spark plug before making adjustments.



1. Loosen the depth adjustment knob (A).
2. Slide the wheel to the desired position.
 - Raising the wheel will increase the cutting depth.
 - Lowering the wheel will decrease the cutting depth.
3. Tighten the depth adjustment knob securely.

WARNING: Always keep the engine on the right hand side of your body. Always wear protective glasses, long pants and heavy-duty shoes when using the machine. Observe your surroundings, ensure people and animals do not come in the immediate vicinity or can be hit by thrown objects. When edging, apply full throttle before entering the soil.

Maintenance schedule

Below you will find some general maintenance instructions.

Daily maintenance

- Check throttle trigger and throttle trigger lockout function.
- Check that the stop switch works correctly.
- Check that there are no fuel leaks from the engine, tank or fuel lines.
- Check that the blade does not rotate when the engine is idling.
- Clean the outside of the machine.
- Check that the blade guard is not damaged or cracked.
- Replace the blade guard if it is exposed to impact or is cracked.
- A non-balanced blade induces heavy vibrations that may damage the machine.
- Check that nuts and screws are tight.
- Check that the screws that hold the bevel gear are tight.
- Check that the locking nut is tight.

Weekly maintenance

- Check the starter and starter cord.
- Clean the carburetor area.
- Clean the outside of the spark plug. Remove it and check the electrode gap. Adjust the gap to 0.0243 (0.6 mm), or replace the spark plug. Use resistor spark plug Champion RCJ-6Y or equivalent.
- Clean the cooling fins on the cylinder and check that the air intake near the starter is not blocked.
- Check that the bevel gear is filled with grease up to 3/4 full. Use special grease.
- Clean the air filter.

Monthly maintenance

- Clean the fuel tank.
- Clean the outside of the carburetor and the space around it.
- Clean the fan and the area around it.
- Check fuel lines for cracks or other damage. Change if necessary.
- Change the fuel filter in fuel tank.
- Check the clutch, clutch springs and the clutch drum for wear. Replace if necessary.
- Check electrical wires and connections.
- Replace the spark plug. Use resistor spark plug Champion RCJ-6Y or equivalent.
- Change the air filter.

TECHNICAL DATA

Technical data

125E

Engine

Cylinder volume, cu.in./cm ³	1.7/28
Cylinder bore, inch/mm	1.4/35
Stroke, inch/mm	1.130/28.7
Idle speed, rpm	2,800–3,200
Recommended max. speed, rpm	11,000
Speed of output shaft, rpm	8,000
Max. engine output, acc. to ISO 8893, hp/kW	1.1/0.8
Catalytic converter muffler	Yes
Speed-regulated ignition system	Yes

Ignition system

Manufacturer/type of ignition system	Walbro/CD
Spark plug	Champion RCJ-6Y
Electrode gap, inch/mm	0.024/0.6

Fuel and lubrication system

Manufacturer/type of carburetor	Zama
Fuel tank capacity, US pint/liter	0.85/0.4

Weight

Weight without fuel, cutting attachment and guard, lbs/kg	13.3/6.0
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Sound levels

(see note 1)

Equivalent sound pressure level at the user's ear, measured according to ANSI B175.3-1997, dB(A), min/max:	94/97
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Vibration levels

Vibration levels at handles, measured according to ANSI B175.3-1997, m/s²

At idle, left/right handles:	3/5
At max. speed, left/right handles:	9/8

Note 1: Equivalent noise pressure level is calculated as the time-weighted energy total for noise pressure levels under various working conditions with the following time distribution: 1/2 idle and 1/2 max. speed.

NOTE! Noise pressure at the user's ear and vibration on the handles are measured with all the machine's approved cutting equipment fitted. The table indicates the highest and lowest values.

Model 125E (M10 LH arbor shaft thread)	
Cutting equipment	Part. no.
Blade	531 30 02-33
Blade guard kit	545044101

WARRANTY STATEMENT

SECTION 1: LIMITED WARRANTY Husqvarna Forest & Garden Company ("Husqvarna")

warrants Husqvarna product to the original purchaser to be free from defects in material and workmanship from the date of purchase for the "Warranty Period" of the products as set forth below:

Lifetime Warranty: Trimmer shafts, ignition coils and modules.

2 Year NON-COMMERCIAL Warranty:

Trimmers for non-commercial, non-professional, non-institutional or non-income producing use, except as herein stated. Emission control system components necessary to comply with CARB-TIER II and EPA regulations.

1 Year Warranty: All trimmers used for commercial, institutional, professional, or income producing purposes or use.

SECTION 2: HUSQVARNA'S OBLIGATIONS UNDER THE WARRANTY

Husqvarna will repair or replace defective components without charge for parts or labor if a component fails because of a defect in material or workmanship during the warranty period.

SECTION 3: ITEMS NOT COVERED BY THIS WARRANTY

The following items are not covered by this warranty:

- (1) Normal customer maintenance items which become worn through normal regular use, including, but not limited to, filters, lubricants, rewind springs, spark plugs, and starter ropes.
- (2) Natural discoloration of material due to ultraviolet light.

SECTION 4: EXCEPTIONS AND LIMITATIONS

This warranty shall be inapplicable to defects resulting from the following:

- (1) Accident, abuse, misuse, negligence and neglect, including stale fuel, dirt, abrasives, moisture, rust, corrosion, or any adverse reaction due to incorrect storage or use habits.
- (2) Failure to operate or maintain the unit in accordance with the operator's manual or instruction sheet furnished by Husqvarna.
- (3) Alterations or modifications that change the intended use of the product or affects the product's performance, operation, safety, or durability, or causes the product to fail to comply with any applicable laws.
- (4) Additional damage to parts or components due to continued use occurring after any of the above.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. HUSQVARNA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON

THESE PRODUCTS EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THESE PRODUCTS IS LIMITED IN DURATION TO THE WARRANTY PERIOD AS DEFINED IN THE LIMITED WARRANTY STATEMENT. HUSQVARNA RESERVES THE RIGHT TO CHANGE OR IMPROVE THE DESIGN OF THE PRODUCT WITHOUT NOTICE, AND DOES NOT ASSUME OBLIGATION TO UPDATE PREVIOUSLY MANUFACTURED PRODUCTS.

Some states do not allow the exclusion of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SECTION 5: CUSTOMER RESPONSIBILITIES

The product must exhibit reasonable care, maintenance, operation, storage and general upkeep as written in the maintenance section of the operator's manual. Should an operational problem or failure occur, the product should not be used, but delivered as is to an authorized Husqvarna dealer for evaluation. Proof of purchase, as explained in Section 6, rests solely with the customer.

SECTION 6: PROCEDURE TO OBTAIN WARRANTY CONSIDERATION

It is the Owner's and Dealer's responsibility to make certain that the Warranty Registration Card is properly filled out and mailed to Husqvarna Forest & Garden Company. This card should be mailed within ten (10) days from the date of purchase in order to confirm the warranty and to facilitate post-sale service. Proof of purchase must be presented to the authorized Husqvarna dealer in order to obtain warranty service. This proof must include date purchased, model number, serial number, and complete name and address of the selling dealer. To obtain the benefit of this warranty, the product believed to be defective must be delivered to an authorized Husqvarna dealer in a timely manner, no later than thirty (30) days from date of the operational problem or failure. The product must be delivered at the owner's expense. Pick-up and delivery charges are not covered by this warranty. An authorized Husqvarna dealer can be normally located through the "Yellow Pages" of the local telephone directory or by calling 1-800-HUSKY62 for a dealer in your area.

 **Husqvarna**

7349 Statesville Road
CHARLOTTE, NC 28269

U.S. EPA / CALIFORNIA / ENVIRONMENT CANADA EMISSION CONTROL WARRANTY STATEMENT

YOUR WARRANTY RIGHTS AND OBLIGATIONS:

The U.S. Environmental Protection Agency, California Air Resources Board, Environment Canada and HUSQVARNA are pleased to explain the emissions control system warranty on your year 2005 and later small off-road engine. In California, all small off-road engines must be designed, built, and equipped to meet the State's stringent anti-smog standards. HUSQVARNA must warrant the emission control system on your small off-road engine for the periods of time listed below provided there has been no abuse, neglect, or improper maintenance of your small off-road engine. Your emission control system includes parts such as the carburetor and the ignition system. Where a warrantable condition exists, HUSQVARNA will repair your small off-road engine at no cost to you. Expenses covered under warranty include diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE:

If any emissions related part on your engine (as listed under Emissions Control Warranty Parts List) is defective or a defect in the materials or workmanship of the engine causes the failure of such an emission related part, the part will be repaired or replaced by HUSQVARNA.

OWNER'S WARRANTY RESPONSIBILITIES:

As the small off-road engine owner, you are responsible for the performance of the required maintenance listed in your operator's manual. HUSQVARNA recommends that you retain all receipts covering maintenance on your small off-road engine, but HUSQVARNA cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. As the small off-road engine owner, you should be aware that HUSQVARNA may deny you warranty coverage if your small off-road 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 off-road engine to a HUSQVARNA authorized repair center as soon as a problem exists. Warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days. If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized service center or call HUSQVARNA at 1-800-487-5963.

WARRANTY COMMENCEMENT DATE:

The warranty period begins on the date the small off-road engine is purchased.

LENGTH OF COVERAGE:

This warranty shall be for a period of two years from the initial date of purchase.

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 servicing center. If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized service center or call HUSQVARNA at 1-800-487-5963.

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 servicing center.

CONSEQUENTIAL DAMAGES:

HUSQVARNA may be liable for damages to other engine components caused by the failure of a warranted part still under warranty.

WHAT IS NOT COVERED:

All failures caused by abuse, neglect, or improper maintenance are not covered.

ADD-ON OR MODIFIED PARTS:

The use of add-on or modified parts can be grounds for disallowing a warranty claim. HUSQVARNA is not liable to cover failures of warranted parts caused by the use of add-on or modified parts.

HOW TO FILE A CLAIM:

If you have any questions regarding your warranty rights and responsibilities, you should contact your nearest authorized service center or call HUSQVARNA at 1-800-487-5963.

WHERE TO GET WARRANTY SERVICE:

Warranty services or repairs shall be provided at all HUSQVARNA service centers. Call 1-800-487-5963.

U.S. EPA / CALIFORNIA / ENVIRONMENT CANADA EMISSION CONTROL WARRANTY STATEMENT

MAINTENANCE, REPLACEMENT AND REPAIR OF EMISSION RE- LATED PARTS:

Any HUSQVARNA approved replacement part used in the performance of any warranty maintenance or repair on emission related parts will be provided without charge to the owner if the part is under warranty.

EMISSION CONTROL WARRANTY PARTS LIST:

Carburetor, Ignition System: Spark Plug (covered up to maintenance schedule), Ignition Module.

MAINTENANCE STATEMENT:

The owner is responsible for the performance of all required maintenance as defined in the operator's manual.

This engine is certified to be emissions compliant for the following use:

- Moderate (50 hours)
- Intermediate (125 hours)
- Extended (300 hours)