

# Chainsaw

# MG2511

**ANOVA**

*Instructions and user manual*



EN

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CE



Anova congratulates you on choosing one of our products and guarantees the assistance and cooperation that have always distinguished our brand over the years.

This machine is designed to last for many years and to be highly useful when operated in accordance with the instructions contained in the user manual. We therefore recommend that you read this instruction manual carefully and follow all our recommendations.

For further information or questions, you can contact us through our websites, such as [www.anova.es](http://www.anova.es).

## **INFORMATION ABOUT THIS MANUAL**

For your safety and the safety of others, pay attention to the information provided in this manual and on the machine.

- This manual contains operating and maintenance instructions.
- Keep this manual with you when working with the machine.
- The contents are correct at the time of printing.
- We reserve the right to make changes at any time without affecting our legal responsibilities.
- This manual is considered an integral part of the product and must remain with it if it is loaned or resold.
- Ask your dealer for a new manual if this one is lost or damaged.

### **READ THIS MANUAL CAREFULLY BEFORE USING THE MACHINE**



To ensure that your machine delivers the best results, carefully read the operating and safety rules before using it.

## **OTHER WARNINGS:**

Incorrect use may damage the machine or other objects.

Adaptation of the machine to new technical requirements may result in differences between the contents of this manual and the product purchased.

Read and follow all the instructions in this manual. Failure to do so may result in serious personal injury.

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# 1. SAFETY INSTRUCTIONS

## 1.1. General safety instructions

!

**IMPORTANT** This chainsaw is specially designed for tree maintenance. It must only be used by trained operators when working in trees.

Before using the equipment, familiarise yourself with the basic safety measures, limitations and associated risks. Keep all guards fitted and always use the appropriate personal protective equipment.

## 1.2. Safety symbols and warnings



Read the operator's manual before using the machine.



Wear head, eye and hearing protection.



Hold and operate the chainsaw with both hands whenever possible.



Warning: guide bar kickback hazard.



Read, understand and follow all safety warnings.



This chainsaw is intended exclusively for operators trained in arboriculture work.



Do not smoke or bring flames or sparks near the fuel.



Do not touch hot surfaces.

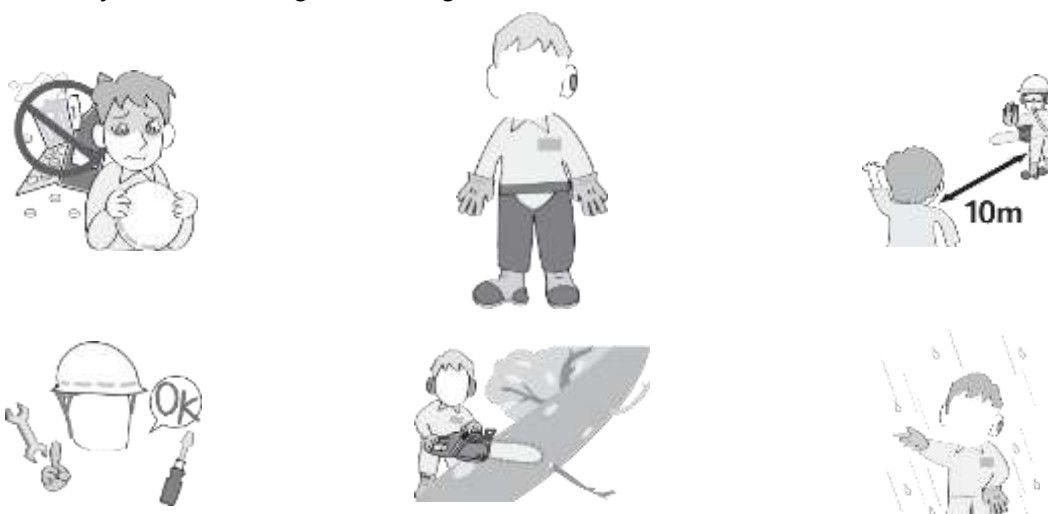
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**WARNING** Hearing damage risk. Wear head, eye and ear protection.

## 1.3. Safe use

1. Do not use the chainsaw if you are tired, ill, impaired or under the influence of medication, alcohol or drugs.
2. Wear safety footwear, close-fitting clothing, eye, hearing and head protection, and vibration-resistant gloves.
3. Keep the chain sharp and the machine, including the anti-vibration system, in good condition. A dull chain increases cutting time and exposure to vibration.
4. Handle fuel with care. Wipe up any spills and move the machine at least 3 m away from the refuelling point before starting it.
5. Eliminate all sources of sparks or flames in areas where fuel is mixed, poured or stored.
6. Do not smoke while handling fuel or operating the chainsaw.
7. Keep other people and animals out of the work area. Children, pets and bystanders must remain at least 10 m away.

8. Do not start cutting until you have a clear work area, stable footing and a planned escape route.
9. Hold the chainsaw firmly. Wrap your thumbs and fingers around the handles.
10. Keep all parts of your body away from the chain while the engine is running.
11. Before starting, make sure the chain is not touching any object.
12. Carry the chainsaw with the engine switched off, the guide bar and chain pointing backwards, and the muffler away from your body.
13. Before each use, inspect for worn, loose or damaged parts. Do not use a damaged, incorrectly adjusted or incompletely assembled machine.
14. Check that the chain stops when the throttle trigger is released.
15. Repairs not described in this manual must be carried out by competent service personnel.
16. Switch off the engine before placing the machine on the ground.
17. Exercise extreme caution when cutting brush or young trees; thin material may catch and strike the operator or cause loss of balance.
18. When cutting a branch under tension, be alert for spring-back when the wood fibres are released.
19. Do not cut in strong winds, bad weather, poor visibility or extreme temperatures. Check for dead branches that may fall.
20. Keep the handles dry, clean and free from oil or fuel.
21. Use the chainsaw only in well-ventilated areas. Exhaust gases contain carbon monoxide.
22. Do not work in a tree unless you have received specific training.
23. Fit the guide bar cover during transport.
24. Do not touch the muffler, guide bar, chain or nuts with bare hands during operation or immediately after switching off the engine.



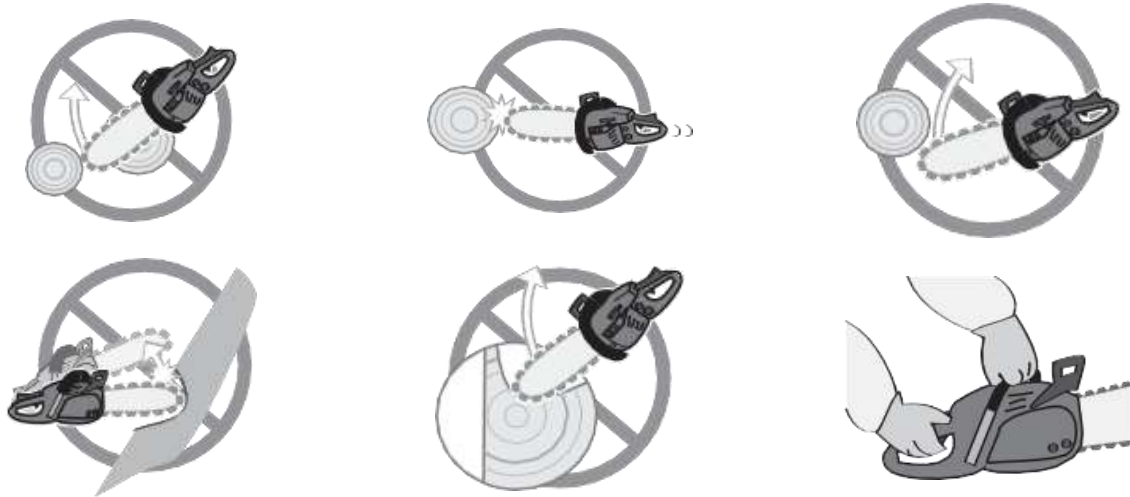
## 1.4. Kickback precautions

!

**WARNING** Kickback may occur when the tip of the guide bar touches an object or when the wood closes in and pinches the chain in the cut. It can cause loss of control and serious injury.

- Do not rely exclusively on the safety devices built into the chainsaw.
- Understand the causes of kickback to reduce the element of surprise.
- Hold the chainsaw with both hands, with your right hand on the rear handle and your left hand on the front handle.
- Keep the cutting area free of obstructions and prevent the tip of the guide bar from contacting logs, branches or other objects.
- Cut at a high engine speed.
- Do not overreach or cut above shoulder height.

- Follow the chain sharpening and maintenance instructions.
- Use only guide bars and chains recommended by the manufacturer or validated equivalents.



## 1.5. Vibration

Continued exposure to tools with high vibration levels can cause permanent numbness, difficulty handling small objects and more frequent episodes of hand-arm vibration syndrome.

- Use the correct tool for each job and reduce exposure time.
- Inspect the machine before use and repair any defects or wear.
- Keep cutting tools sharp.
- Alternate with other tasks to reduce continuous operating time.
- Avoid gripping or forcing the tool more than necessary.
- Store the machine so that the handles do not become excessively cold.
- Encourage blood circulation by keeping warm and dry, reducing tobacco use and exercising your fingers.

## 1.6. Using a pruning chainsaw from a rope and harness

!

**WARNING** This section is not a substitute for professional training in working at height.

### 1.6.1. General requirements

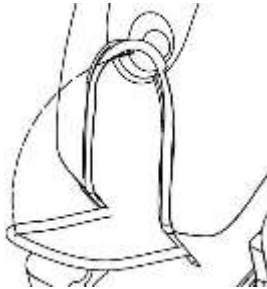
Operators working at height with a rope and harness must not work alone. They must be assisted by a competent person on the ground who is trained in emergency procedures.

The operator must be trained in climbing and safe positioning techniques and must use a harness, ropes, slings, karabiners and other suitable equipment.

### 1.6.2. Preparing and securing the chainsaw

The person on the ground must check, refuel, start and warm up the chainsaw before sending it to the operator. Fit a suitable sling to the rear attachment point of the machine.

- Loop the sling around the rear attachment point of the chainsaw.
- Use suitable karabiners for indirect attachment via the sling and for direct attachment to the harness.
- Check that the chainsaw remains secure while it is being raised.
- Secure the chainsaw to the harness before disconnecting it from the climbing system.
- Attach the machine only to the recommended harness points. Whenever possible, use the rear centre point to keep it away from the climbing ropes.
- Before moving the machine from one attachment point to another, secure it in the new position.



### 1.6.3. Using the chainsaw in the tree

The main cause of accidents with these chainsaws is improper one-handed use. Maintain a stable working position that allows both handles to be held.

For two-handed work, position the chainsaw at approximately hip height for horizontal cuts and at solar plexus height for vertical cuts. When moving away from the trunk, counteract lateral forces with an additional anchor point or an adjustable sling.

Support can be improved by using a temporary stirrup made from an endless sling.



### 1.6.4. Starting in the tree

- Engage the chain brake before starting.
- Hold the chainsaw to the left or right of your body and push it away from the operator while pulling the starter cord with the other hand.
- Always engage the brake before lowering a running chainsaw on the sling.
- Check that you have enough fuel before making critical cuts.

### 1.6.5. One-handed use

Do not use the chainsaw with one hand as a substitute for a stable working position or a hand saw. It may only be considered when it is impossible to adopt a position that allows two-handed use, one hand is required for support, and the cut is made at full reach, perpendicular to and outside the line of the body.

- Do not cut with the kickback zone at the tip of the guide bar.
- Do not hold and cut a section at the same time.
- Do not attempt to catch falling sections.

### 1.6.6. Freeing a trapped chainsaw

- Switch off the chainsaw and secure it safely to the tree, towards the inside of the cut, or to an independent rope.
- Remove the chainsaw from the cut by lifting the branch where necessary.
- If necessary, use a hand saw or a second chainsaw and make the release cut at least 30 cm away from the trapped machine.
- Always make release cuts towards the end of the branch to prevent the chainsaw from being pulled away by the cut section.



## 2. MACHINE SYMBOLS

For safe operation and maintenance, the machine has embossed symbols. Follow their instructions to avoid operating errors.



**Fuel mixture refuelling:** Location: fuel tank cap.



**Chain oil filling:** Location: oil tank cap.



**Stop switch:** When the switch is set to "O", the engine stops immediately. Location: upper front part of the rear handle.



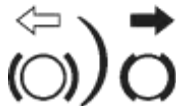
**Choke and starting:** First position: warm-engine start. Second position: cold-engine start. Location: upper right area of the air filter cover.

**H, L and T adjustments:** H: high-speed adjustment. L: low-speed adjustment. T: idle-speed adjustment. Location: left side of the rear handle.

H  
L  
T

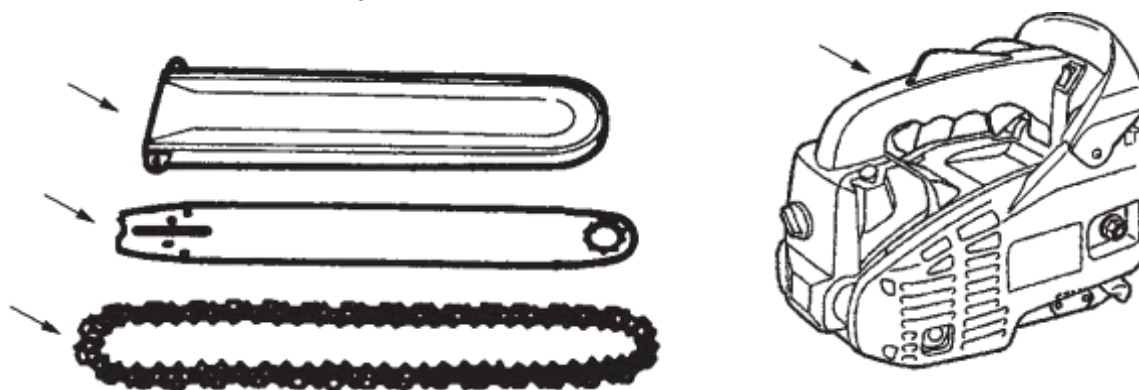
**Chain brake:** White arrow: brake released. Black arrow: brake engaged. Location: front of the chain cover.

**Oil flow:** Turn the screw towards MAX to increase the flow and towards MIN to reduce it. Location: underside of the power unit.



### 3. GUIDE BAR AND CHAIN ASSEMBLY

The standard set contains the power unit, guide bar, chain, guide bar cover, spark plug wrench and a screwdriver for carburettor adjustment.

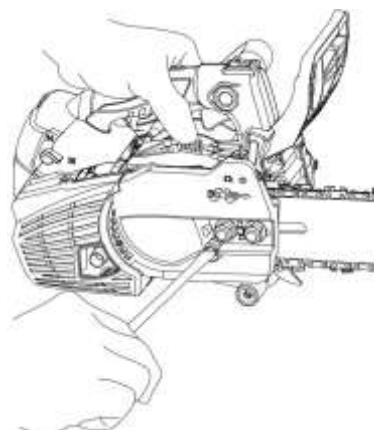
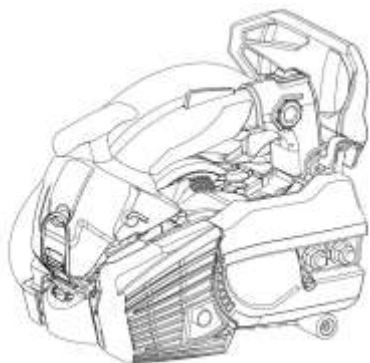


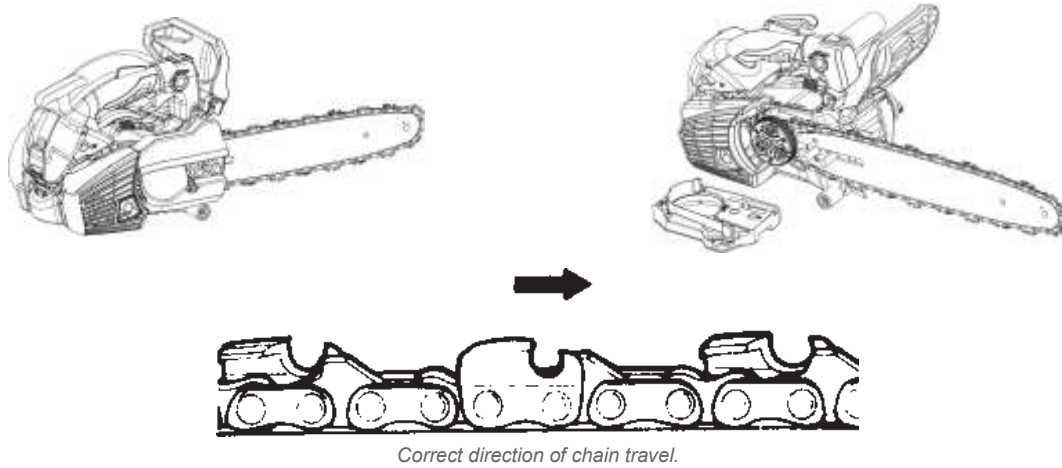
*Components included in the packaging.*

!

**WARNING** The chain has very sharp cutting edges. Wear thick protective gloves.

1. Pull the hand guard towards the front handle to check that the chain brake is released.
2. Loosen the nut and remove the chain cover.
3. Fit the guide bar onto the mounting studs.
4. Place the chain around the sprocket and guide bar, observing the direction of travel.
5. Insert the tensioner pin into the lower hole in the guide bar. Fit the cover and hand-tighten the nut.
6. Keeping the tip of the guide bar raised, turn the tensioning screw until the drive links touch the underside of the bar rail.
7. Tighten the nuts, with the guide bar tip raised, to 11.8-14.7 N·m (120-150 kg·cm). Check that the chain rotates smoothly and maintains the correct tension.
8. Finally tighten the tensioning screw.





!

**IMPORTANT** A new chain stretches during its first uses. Check and readjust the tension frequently. A loose chain may come off or cause rapid wear of the chain and guide bar.

## 4. FUEL AND CHAIN OIL

### 4.1. Fuel

!

**WARNING** Petrol is highly flammable. Switch off the engine, allow it to cool and refuel outdoors, away from flames and sparks. Move at least 3 m away before starting.



### 4.2. Mixing ratio

Use 95-octane unleaded petrol and synthetic 2-stroke engine oil. The supplier specifies a recommended ratio of 40 parts petrol to 1 part oil.

| Petrol (L) | Oil at 25:1 (ml) | Oil at 40:1 (ml) |
|------------|------------------|------------------|
| 1,0        | 40               | 25               |
| 1,5        | 60               | 38               |
| 2,0        | 80               | 50               |
| 2,5        | 100              | 63               |
| 3,0        | 120              | 75               |
| 3,5        | 140              | 88               |
| 4,0        | 160              | 100              |
| 4,5        | 180              | 113              |
| 5,0        | 200              | 125              |
| 5,5        | 220              | 138              |
| 6,0        | 240              | 150              |
| 6,5        | 260              | 163              |
| 7,0        | 280              | 175              |
| 7,5        | 300              | 188              |
| 8,0        | 320              | 200              |
| 8,5        | 340              | 213              |
| 9,0        | 360              | 225              |
| 9,5        | 380              | 238              |
| 10,0       | 400              | 250              |
| 10,5       | 420              | 263              |
| 11,0       | 440              | 275              |
| 11,5       | 460              | 288              |
| 12,0       | 480              | 300              |
| 12,5       | 500              | 313              |
| 13,0       | 520              | 325              |
| 13,5       | 540              | 338              |
| 14,0       | 560              | 350              |
| 14,5       | 580              | 363              |

| Petrol (L) | Oil at 25:1 (ml) | Oil at 40:1 (ml) |
|------------|------------------|------------------|
| 15,0       | 600              | 375              |
| 15,5       | 620              | 388              |
| 16,0       | 640              | 400              |
| 16,5       | 660              | 413              |
| 17,0       | 680              | 425              |
| 17,5       | 700              | 438              |
| 18,0       | 720              | 450              |
| 18,5       | 740              | 463              |
| 19,0       | 760              | 475              |
| 19,5       | 780              | 488              |
| 20,0       | 800              | 500              |

### 4.3. Preparing the mixture

1. Measure the quantities of petrol and oil to be mixed.
2. Pour some of the petrol into a clean, approved container.
3. Add all the oil and shake well.
4. Add the remaining petrol and shake for at least one minute.
5. Clearly label the container to avoid confusing it with petrol or other products.
6. Mark the contents on the outside of the container.

### 4.4. Refuelling the machine

1. Unscrew and remove the tank cap. Place it in a clean location.
2. Fill the tank to approximately 80% of its capacity.
3. Tighten the cap firmly and wipe up any spills.
  - Use unleaded petrol. Fuel with an octane rating below that specified may raise the engine temperature and cause seizure.
  - Low-quality fuels or oils may damage seals, lines and the tank.
  - Do not use petrol without oil.
  - Do not use SP95-E10 containing 10% ethanol to prepare the mixture.
  - Do not use ready-mixed alkylate petrol unless it is expressly approved for this machine.
  - Do not use 4-stroke engine oil.
  - Do not store the mixture for more than one month.
  - For prolonged storage, empty the tank and run the engine until the carburettor is empty.
  - Dispose of containers and waste only at authorised facilities.

### 4.5. Chain oil

Use SAE 10W-30 engine oil all year round, SAE 30-40 in summer or SAE 20 in winter, as indicated by the supplier.

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**NOTE** Do not use used or reclaimed oil, as it may damage the oil pump.



## 5. ENGINE OPERATION

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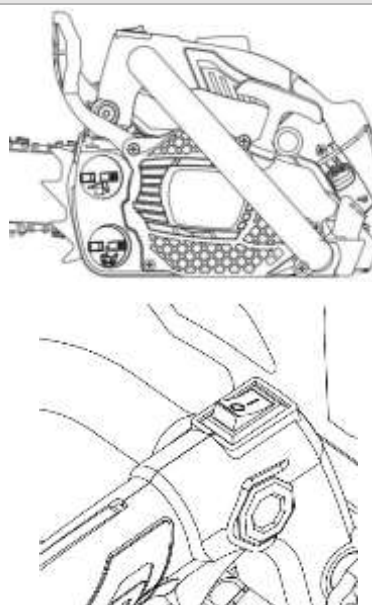
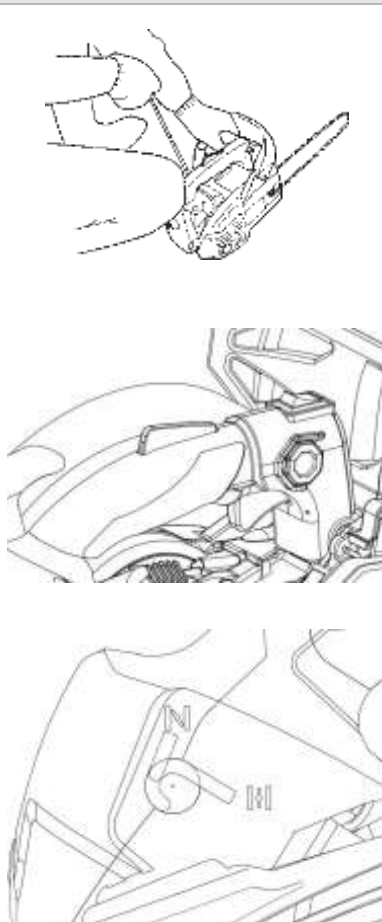
**WARNING** Do not start a chainsaw with broken, missing or incorrectly fitted parts. Check that the guide bar and chain are correctly installed.

### 5.1. Starting the engine

1. Fill the fuel and chain oil tanks and tighten the caps.
2. Press the primer bulb repeatedly until fuel enters it.
3. Set the switch to position "I".
4. With the engine cold, pull the choke control out to the second position. For an immediate restart with a warm engine, use the first position.
5. Place the chainsaw firmly on the ground and pull the starter cord sharply.
6. When the engine fires once, push the choke in to the first position and pull the starter again.
7. Allow the engine to warm up by lightly operating the throttle.

!

**WARNING** Do not start the chainsaw while it is hanging from one hand. The chain could touch your body.



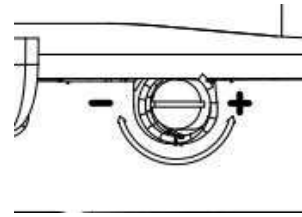
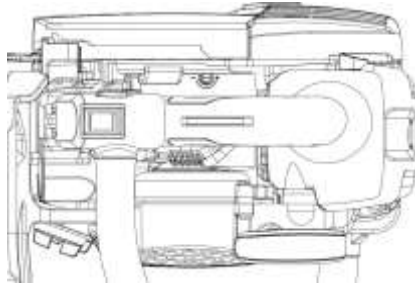
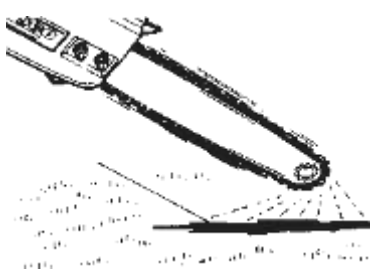
### 5.2. Checking and adjusting the oil supply

!

**WARNING** Always fit the guide bar and chain before checking the oil flow. Otherwise, rotating parts would be exposed.

With the engine running, rotate the chain at medium speed and check that small drops of oil are projected onto a light-coloured surface.

The flow can be adjusted by inserting a screwdriver into the hole on the underside of the clutch side. Adjust the flow to suit the working conditions. The oil tank should be almost empty when the fuel is used up; refill it every time you refuel.



### 5.3. Carburettor adjustment

The carburettor is factory-set, but may require fine adjustment due to changes in operating conditions. Before adjusting it, check that the air and fuel filters are clean and that the mixture is correct.

|   |                                                                         |
|---|-------------------------------------------------------------------------|
| ! | <b>NOTE</b> Adjust the carburettor with the guide bar and chain fitted. |
|---|-------------------------------------------------------------------------|

1. The H and L needles are limited to the number of turns specified by the manufacturer.
2. Start the engine and allow it to warm up at low speed for a few minutes.
3. Turn the T idle screw anticlockwise until the chain stops moving. If the idle speed is too low, turn it clockwise.
4. Make a test cut and adjust the H needle for the best cutting power, not maximum speed.



### 5.4. Chain brake

The brake stops the chain immediately when kickback occurs. It is normally activated by inertia, but can also be engaged by pushing the left-hand guard forward.

1. Start the engine and hold the chainsaw firmly with both hands.
2. Keep the chain moving and push the brake lever forward with the back of your left hand.
3. When the chain stops, release the throttle.
4. Release the brake by pulling the lever towards the front handle until it clicks into place.

|   |                                                                                                                                                                  |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ! | <b>WARNING</b> Do not keep the engine revving with the brake engaged; heat generated in the clutch may cause damage. Check the brake operation before every job. |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.5. Stopping the engine

1. Release the throttle and allow the engine to idle for a few minutes.
2. Set the switch to position "O" (STOP).

## 6. CUTTING INSTRUCTIONS

!

**WARNING** Before starting, read the safety instructions and practise on simple logs. The chainsaw must only be used for cutting wood.

- Do not use the chainsaw to cut other materials or to lift, move or split objects.
- Do not mount the chainsaw on supports or fit accessories not specified by the manufacturer.
- There is no need to force the chain into the cut. Apply light pressure with the engine at full throttle.
- If the chain becomes trapped, do not pull hard. Switch off the engine and use a wedge or lever to open the cut.

### 6.1. Kickback protection

Check the chain brake before each use. Run the machine at full throttle for 1-2 seconds and push the hand guard forward. The chain must stop immediately.

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**WARNING** If the chain takes too long to stop or does not stop, replace the brake band and clutch drum before using the machine.

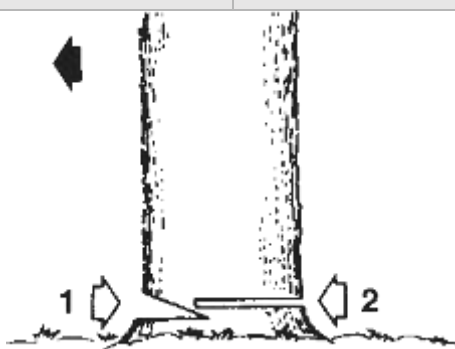


### 6.2. Felling a tree

1. Determine the direction of fall, taking into account the wind, the lean of the tree, heavy branches and the escape route.
2. Clear the area around the tree and prepare stable footing and an escape route.
3. Make a notch approximately one third of the diameter on the side of the intended fall.
4. Make the felling cut from the opposite side, slightly above the base of the notch.

!

**WARNING** Warn nearby people before felling the tree.



### 6.3. Bucking and limbing

- Always maintain stable footing and do not stand on the log.



- On a slope, stand on the uphill side of the log.
- Check the direction of internal stresses and finish the cut from the opposite side to prevent the guide bar from becoming trapped.

### 6.3.1. Log resting on the ground

Cut approximately halfway through, turn the log and complete the cut from the opposite side.

### 6.3.2. Log raised off the ground

In area A, cut one third from underneath and finish from above. In area B, cut one third from above and finish from underneath.

### 6.3.3. Branches of a fallen tree

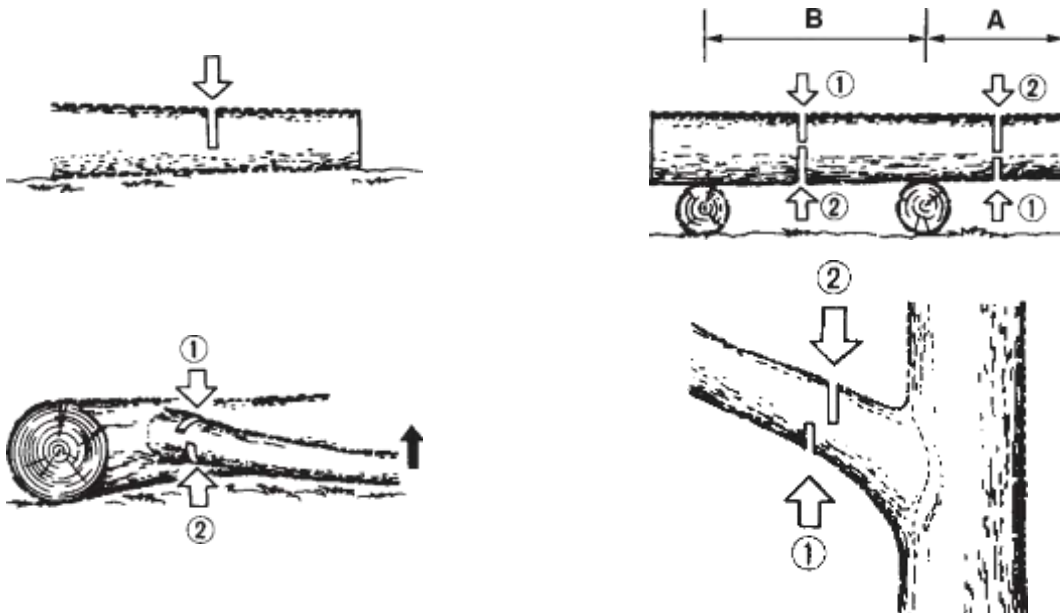
Check which way the branch is bent. Make the first cut from the compression side and finish from the opposite side.

!

**WARNING** Be alert for spring-back from cut branches.

### 6.3.4. Pruning a standing tree

Cut first from underneath and finish from above. Do not use a ladder or unstable support, do not overreach, do not cut above shoulder height, and hold the chainsaw with both hands.



## 7. MAINTENANCE

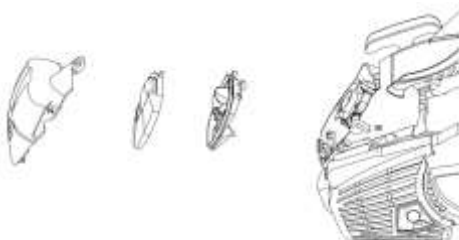
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**WARNING** Before cleaning, inspecting or repairing the machine, switch off the engine, allow it to cool and disconnect the spark plug to prevent accidental starting.

### 7.1. Maintenance after each use

#### 7.1.1. Air filter

Loosen the knob and remove the filter cover. Remove the elements and clear away the sawdust. If they are very dirty, clean them with petrol and allow them to dry completely before refitting.

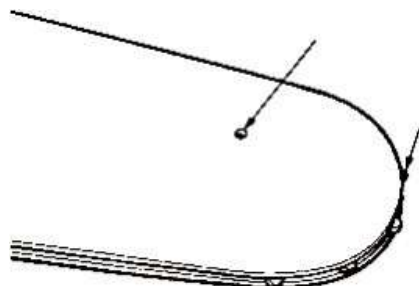


#### 7.1.2. Oiling hole

Remove the guide bar and check that the oiling hole is not blocked.

#### 7.1.3. Guide bar

With the guide bar removed, clear sawdust from the groove and oiling hole. Lubricate the nose sprocket through the grease hole.



#### 7.1.4. General inspection

Check for fuel leaks, loose components or damage, especially at the handle joints and guide bar mounting. Repair any defects before using the machine again.

### 7.2. Periodic maintenance points

#### 7.2.1. Cylinder fins and cooling

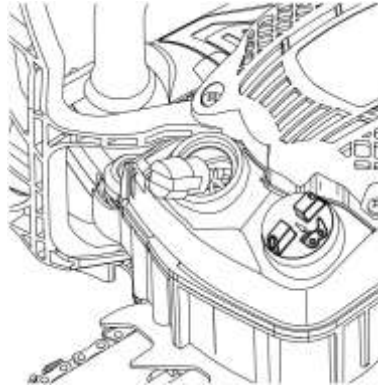
Have the cylinder fins checked and cleaned periodically by a specialist service centre. Dust accumulating between the air intake and the fins may cause overheating.

!

**WARNING** Metal engine parts can cause burns. Do not touch the cylinder, muffler or spark plug during operation or immediately afterwards.

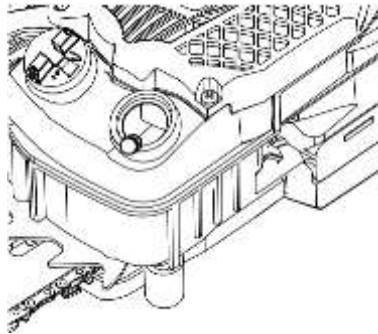
#### 7.2.2. Fuel filter

Remove the filter from the tank using a wire hook, clean it with petrol and replace it if it is completely blocked.



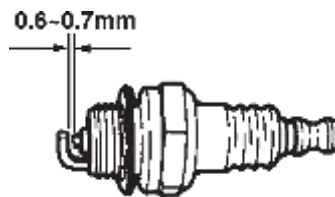
### 7.2.3. Oil filter

Remove the oil filter from the filler opening using a wire hook and clean it with petrol.



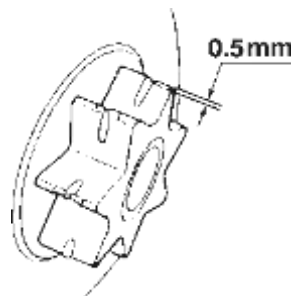
### 7.2.4. Spark plug

Clean the electrodes with a wire brush and adjust the gap to 0.6-0.7 mm when necessary.



### 7.2.5. Sprocket

Check for cracks or excessive wear. Replace the sprocket when wear is significant. Do not fit a new chain to a worn sprocket or a worn chain to a new sprocket.



### 7.2.6. Muffler

Correctly fit the muffler body, cover and deflector. Check that the gasket is not damaged and replace it if necessary. After a test run, retighten the screws to 6.9-7.8 N·m (70-80 kg·cm).

!

**WARNING** Do not touch the muffler with bare hands immediately after switching off the engine. Inspect and clean the inside every 100 hours to prevent carbon deposits.

## 8. CHAIN AND GUIDE BAR MAINTENANCE

### 8.1. Chain

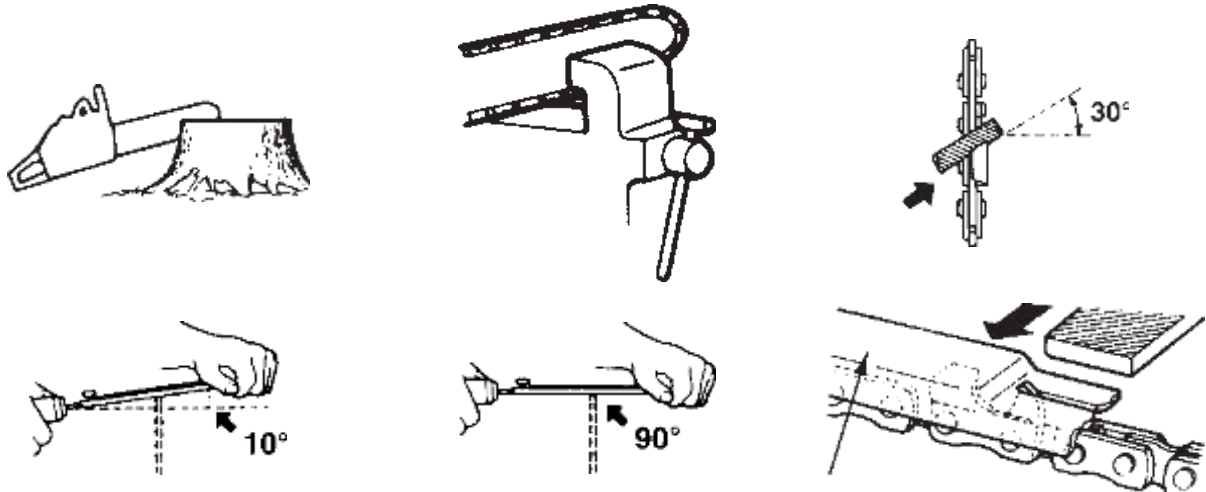
For smooth and safe operation, always keep the cutters sharp.

Sharpen the chain when the sawdust turns to powder, more force is required, the cut does not run straight, vibration increases or fuel consumption rises.

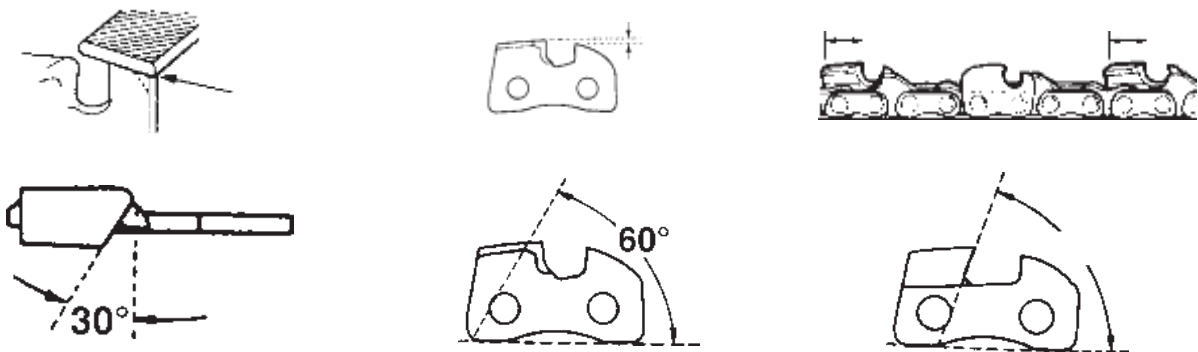
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**WARNING** Before filing, make sure the chain is firmly secured, the engine is switched off and a round file of the correct size is used. Wear safety gloves.

Place the file on the cutter and push it straight forwards, maintaining the specified angles. After sharpening each cutter, check the depth gauge and file it to the correct level.

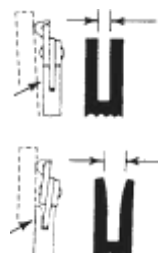


Round off the front edge of the depth gauge to reduce the risk of kickback or link breakage. Make sure all cutters have the same length and angles.



### 8.2. Guide bar

- Turn the guide bar over periodically to prevent uneven wear.
- The rails must remain square. Place a ruler against the guide bar and the side of a cutter. If there is a gap, the rail is correct; if there is no gap, the rail is worn and must be corrected or replaced.



## 9. TROUBLESHOOTING

### Starting failure

| Probable cause                                   | Solution                                                                 |
|--------------------------------------------------|--------------------------------------------------------------------------|
| Fuel contains water or the mixture is incorrect. | Replace the fuel with the correct mixture.                               |
| Flooded engine.                                  | Remove and dry the spark plug. Pull the starter again without the choke. |
| Ignition failure.                                | Check for a spark and replace the spark plug if necessary.               |

### Lack of power, poor acceleration or irregular idling

| Probable cause                                   | Solution                      |
|--------------------------------------------------|-------------------------------|
| Fuel contains water or the mixture is incorrect. | Replace the fuel.             |
| Blocked air or fuel filter.                      | Clean or replace the filters. |
| Carburettor incorrectly adjusted.                | Readjust the speed needles.   |

### No chain oil output

| Probable cause              | Solution                   |
|-----------------------------|----------------------------|
| Oil of unsuitable quality.  | Replace the oil.           |
| Blocked oil lines or holes. | Clean the lines and holes. |

If the machine requires further work, contact an authorised service centre.

## 10. TECHNICAL SPECIFICATIONS

| Feature                      | Value                             |
|------------------------------|-----------------------------------|
| Displacement                 | 25,0 cm <sup>3</sup>              |
| Fuel                         | 2-stroke petrol/oil mixture, 40:1 |
| Fuel tank capacity           | 190 cm <sup>3</sup>               |
| Chain oil                    | SAE 10W-30 engine oil             |
| Oil tank capacity            | 140 cm <sup>3</sup>               |
| Carburettor                  | Diaphragm type                    |
| Ignition system              | Solid state                       |
| Spark plug                   | TORCH L8RTF                       |
| Lubrication system           | Mechanical pump                   |
| Maximum speed                | 12.500 min <sup>-1</sup>          |
| Idle speed                   | 3.020 min <sup>-1</sup>           |
| Dimensions (L × W × H)       | 265 × 220 × 220 mm                |
| Dry weight, power unit       | 2,4 kg                            |
| Power                        | 1.0 kW at 9,000 min <sup>-1</sup> |
| Sprocket                     | 6T                                |
| Chain speed at maximum power | 17,1 m/s                          |
| Guide bar type               | Sprocket nose                     |
| Guide bar length             | 10 in (25 cm)                     |
| Chain pitch                  | 3/8 in (9,53 mm)                  |
| Chain gauge                  | 0,05 in (1,3 mm)                  |

*Note: specifications are subject to change without notice.*

## 11. WARRANTY

If your product develops a manufacturing defect during the established warranty period, contact or visit your point of sale with the required documentation.

Keep the purchase invoice as proof of the date of purchase. The machine must be delivered to the dealer clean, in acceptable condition and, where applicable, in its original packaging, together with proof of purchase.

### 11.1. Warranty period

The statutory warranty period begins on the original date of purchase by the first purchaser and will last for the period established by the consumer protection regulations applicable in the country of purchase.

Some countries do not allow limitations on the duration of an implied warranty or the exclusion of certain incidental or consequential damages. In such cases, the above limitations may not apply. This warranty grants specific legal rights without prejudice to any other rights recognised by the relevant legislation.

### 11.2. Exclusions

The warranty does not cover damage, faults or operating problems caused by:

- Natural wear resulting from normal use.
- Incorrect use, negligence, careless operation or lack of maintenance.
- Work carried out by unauthorised personnel or the use of non-original spare parts.
- Wear of consumable parts or components subject to periodic replacement.
- Abuse, accidents, modifications, impacts or external influences.
- Use or storage contrary to the instructions in the manual.
- Lack of cleaning, lubrication or preventive maintenance.
- Overloading or professional use outside the conditions intended for the product.
- Unsuitable fuel, oil, mixture or consumables.
- Deformation or breakage caused by abnormal stresses or loads.
- Overfilled fluids, spills or incompatible chemicals.
- Inappropriate exposure to extreme temperatures, moisture or ultraviolet radiation.
- Failure to follow the safety, assembly, operating or maintenance instructions.
- Repairs attempted by unqualified personnel.
- Use of unauthorised accessories, guide bars, chains or components.
- Transport and routine maintenance costs, unless expressly required by law.

The warranty will be void if the product has been altered or modified without authorisation, or if the trademark or serial number has been removed or is illegible.

Routine maintenance, tuning, adjustments and normal wear are not covered by this warranty.

### 11.3. In the event of a problem

The claim must be accompanied by the purchase invoice and the information requested by the dealer. Anova reserves the right to reject a claim when the purchase cannot be verified or it is evident that the product has not been properly maintained.

Private use means personal domestic use by the end consumer. Commercial use includes any professional use intended to generate income or for rental. Once used commercially, the product will be considered to be for commercial use for warranty purposes.

Warranty service is provided exclusively through official Anova dealers. To find your nearest dealer, visit [www.anova.es](http://www.anova.es) or [www.millasur.com](http://www.millasur.com).



## 12. ENVIRONMENT

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It is essential to dispose of the machine and its components responsibly to protect the environment. Do not dispose of the machine with household waste. Separate plastic and metal components and take them to authorised recycling facilities.

Metal components such as iron, steel or aluminium must be recycled properly so that they can be reused in the manufacture of new products.

### Oils and fuels

Used oils, fuel and petrol/oil mixtures must be taken to a specialist collection centre. Do not pour them into drains, onto the ground or into rivers, lakes or seas, as they can cause serious environmental damage.

### Plastics

Separate plastics and take them to specific recycling points. Do not mix them with ordinary household waste.

### Cardboard and packaging

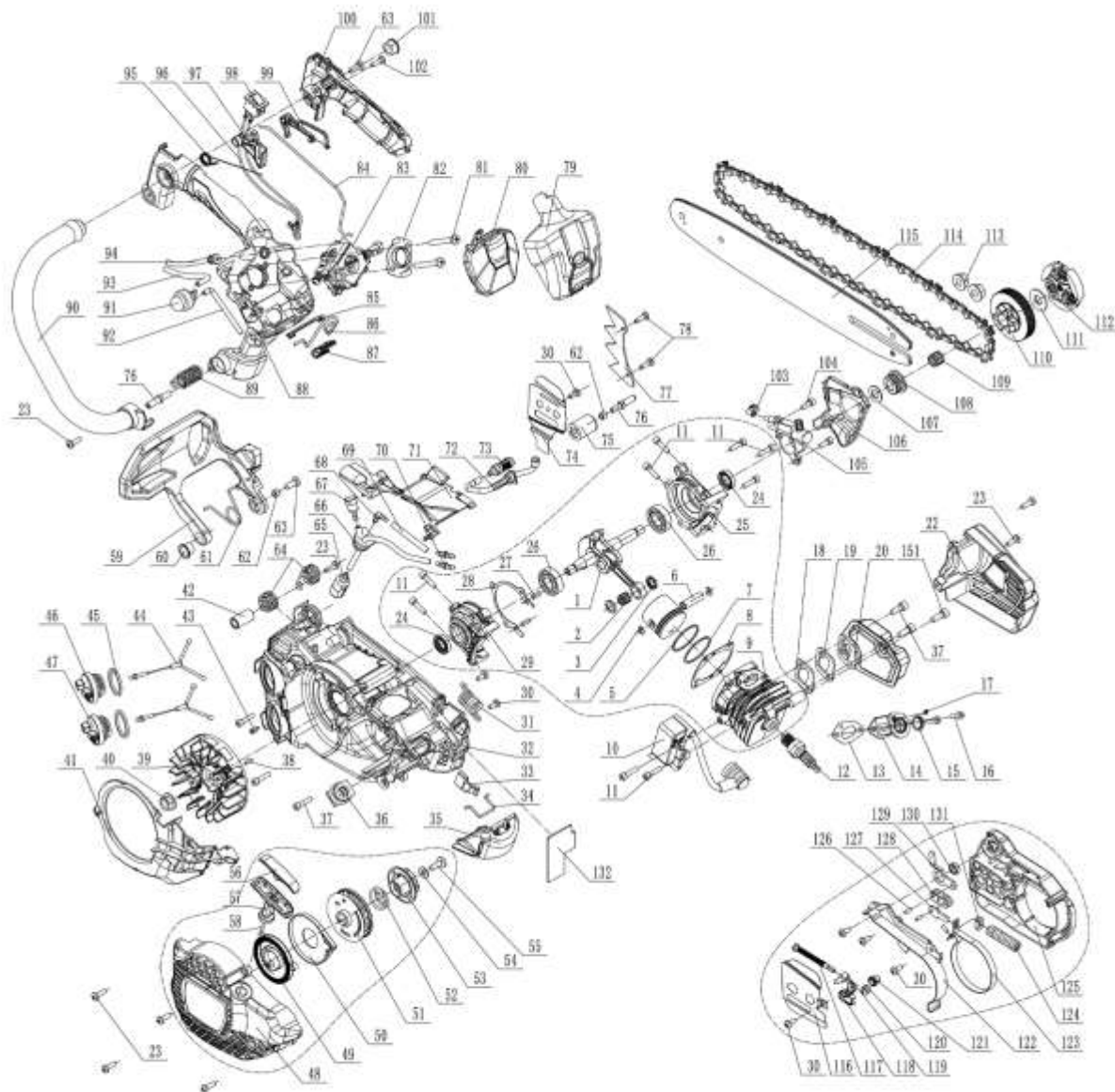
Clean, dry cardboard and other packaging materials must be placed in the containers or collection points intended for recycling.

### Cells, batteries and electronic components

When the product or its accessories contain cells, batteries or electronic components, take them to specific collection points. Do not dispose of them with ordinary waste.

For further information on disposal and recycling, contact your local authorities or an authorised waste management company.

## 13. EXPLODED VIEW



**DISTRIBUTING COMPANY**

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MILLASUR, S.L.U  
RUA EDUARDO PONDAL, Nº 23 P.I.SIGÜEIRO  
15688 OROSO - A CORUÑA  
SPAIN



**EC DECLARATION OF CONFORMITY**

In compliance with the various EC directives, it is hereby confirmed that, by virtue of its design and construction and according to the CE marking applied by the manufacturer, the machine identified in this document complies with the relevant essential health and safety requirements of those EC directives. This declaration authorises the product to display the CE symbol.

If the machine is modified and this modification is not approved by the manufacturer and communicated to the distributor, this declaration will lose its value and validity.

Machine designation: **CHAINSAW**

Model: **MG2511**

Recognised and approved standard with which it complies:  
**EN ISO 14982:2009**

Tested in accordance with the standard:  
**704032510625-00**

Company stamp

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