

# Bäumr-AG®



## PETROL-POWERED CHAINSAW – SX62

### USER MANUAL

RETAIN THIS MANUAL FOR FUTURE REFERENCE

PLEASE READ THIS MANUAL CAREFULLY BEFORE USE



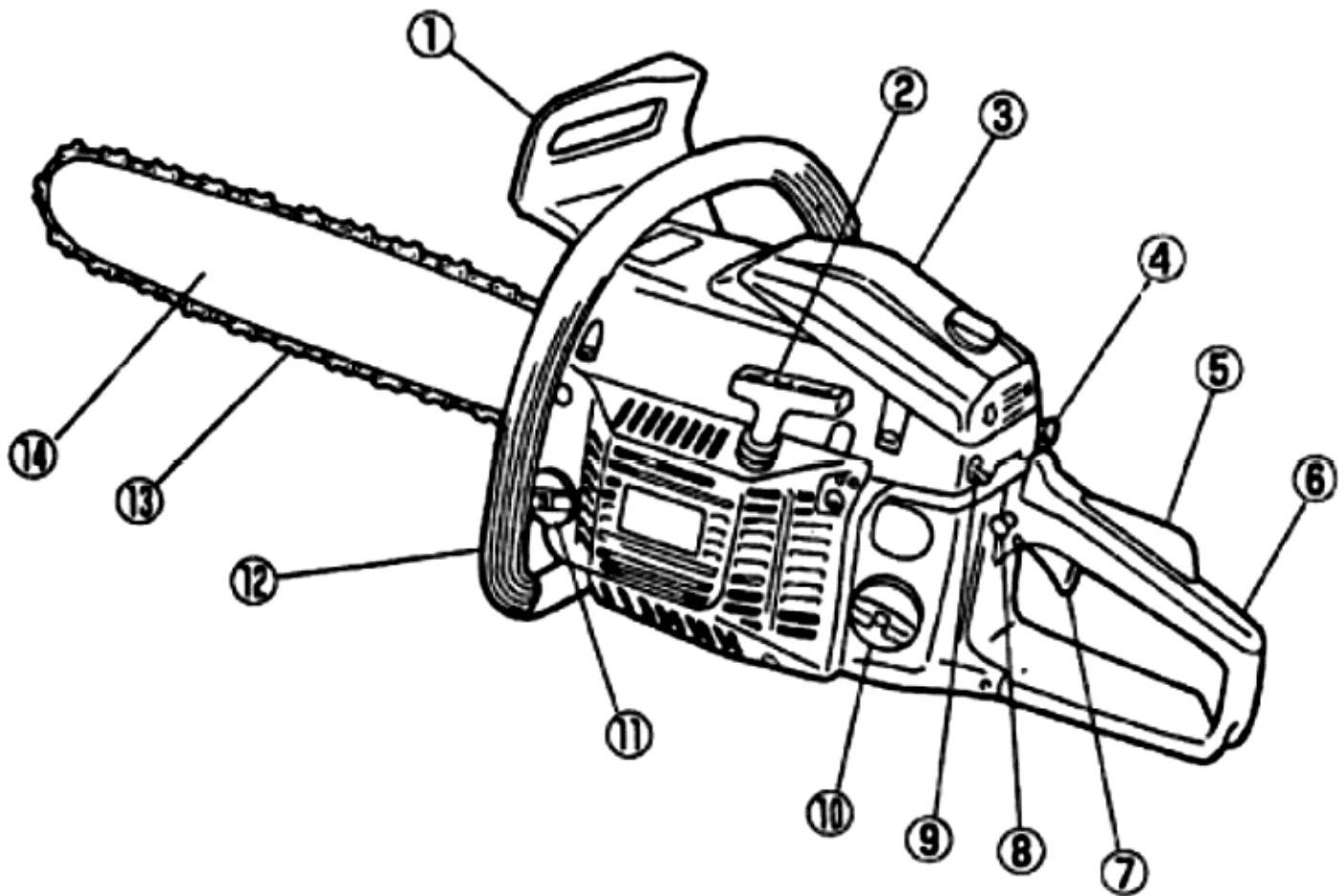
Click to Watch:

[Setting Up Your Chainsaw](#)

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# PARTS LIST



1.	Front guard	8.	Throttle lock button
2.	Starter knob	9.	Engine switch
3.	Air cleaner	10.	Fuel tank
4.	Choke knob	11.	Oil tank
5.	Throttle interlock	12.	Front handle
6.	Rear handle	13.	Saw chain
7.	Throttle trigger	14.	Guide bar

## WARNING LABELS



Read this manual first before operating the machine.



Wear head, eye and ear protection.



Use the chain saw with two hands.



Warning! Kickback danger.



Warning!

### IMPORTANT!

If warning seals peel off or become soiled and impossible to read, you should contact the manufacturer to order new seals and affix the new seal(s) in the required location(s).

# SYMBOLS ON THE CHAINSAW

For safe operation and maintenance, symbols are carved in relief on the chainsaw.



The port to refuel "MIX GASOLINE"

**Position:** Fuel tank cap



The port to refuel the "CHAIN OIL"

**Position:** Oil cap



The indication regarding the switch. Flipping the engine switch to the "O" (STOP) direction stops the engine.

**Position:** Rear-left of the unit



The indication regarding the choke. Pulling out the choke knob closes the choke.

**Position:** Rear-right of the unit



The indication regarding the chain oil adjuster nut.

"MIN" direction – the oil flow decreases

"MAX" direction – the oil flow increases

**Position:** Bottom of the clutch side

**H** The position of the H-needle

**L** The position of the L-needle

**T** The position of the idle adjusting screw

**Position:** Rear-left of the unit

# SAFETY PRECAUTIONS

## BEFORE USING THE CHAINSAW

- Read this manual carefully to understand how to operate this chainsaw properly.
- You should never use the chainsaw when you are under the influence of alcohol, when suffering from exhaustion or lack of sleep, when suffering from drowsiness as a result of having taken cold medicine, or at any other time when a possibility exists that your judgment might be impaired or that you might not be able to operate the machine properly and in a safe manner.
- Avoid running the engine indoors. The exhaust gases contain harmful carbon monoxide.
- Never use the chainsaw under circumstances like those described below:
  - When tile ground is slippery or when other conditions exist which might make it difficult to maintain a steady posture.
  - At night, at times of heavy fog, or at any other times when your field of vision might be limited and it would be difficult to gain a clear view of the area.
  - During rain storms, lightning storms, times of strong or gale-force winds, or at any other times when weather conditions might make it unsafe to use the chainsaw.
- When using the chainsaw for the first time, before beginning actual work, learn how to properly handle it from a skilled worker.
- Lack of sleep, tiredness, or physical exhaustion can result in lower attention spans, and this can lead to accidents and injuries. Limit the amount of time of using the chainsaw continuously to somewhere around 10 minutes per session, and take 10 – 20 minutes of rest between work sessions. Also try to keep the total amount of work performed in a single day under 2 hours or less.
- Be sure to keep this manual handy so that you may refer to it later whenever any questions arise.
- Be sure to always include this manual when selling, lending, or transferring the ownership of the chainsaw.
- Never allow children or anyone unable to fully understand the directions given in this manual to use this chainsaw.

## WORKING GEARS AND CLOTHING

- When using the chainsaw, wear proper clothing and protective equipment as follows:
  - Helmet
  - Protective goggles/face protector
  - Thick work gloves
  - Non-slip sole work boots
  - Ear protectors/mufflers
- And you should carry with you:
  - Attached tools and files.
  - Properly reserved fuel and chain oil.
  - Things to give notice/attention to your work area (ropes, warning signs, etc.)
  - Whistle (for collaboration or in case of emergencies).
  - Hatchet or saw (for removal of obstacles).

- Never use the product when wearing pants with loose cuffs, when wearing sandals, or when barefooted.

## **PROPER HANDLING OF FUEL**

- The engine of this chainsaw is designed to run on a mixed fuel which contains highly flammable gasoline. Never store cans of fuel or refill the fuel tank in any place where there is a boiler stove, wood fire, electrical sparks, welding sparks, or any other sources of heat or fire which might ignite the fuel.
- Smoking while operating the chainsaw or refilling its fuel tank is extremely dangerous! Always be sure to keep lit cigarettes away from the chainsaw at all times.
- When refilling the tank, always turn off the engine first and take a careful look around your surroundings to make sure that there are no sparks or open flames nearby before refuelling.
- If any fuel spillage occurs during refuelling, use a dry rag to wipe up spills before turning the engine back on again.
- After refuelling, screw the fuel cap back tightly onto the fuel tank and then carry the product to a spot 3m or more away from where it was refuelled before turning on the engine.

## **BEFORE STARTING THE ENGINE**

- Check your work area, the object/s to be cut and the cutting direction. Remove any visible obstacles in the work area.
- Never start cutting until you have cleared your work area from any obstacles, secured your footing and planned your retreat path from the falling tree/object.
- Exercise extreme caution and keep bystanders and animals away from the work area whose diameter is 2.5 times that of the cutting object.
- Inspect the machine for worn, loose, or damaged parts. Never operate the machine that is damaged, improperly adjusted, or is not completely and securely assembled. Make sure that the saw chain stops moving when the throttle control trigger is released.

## **WHEN STARTING THE ENGINE**

- Always hold the chainsaw firmly with both hands when the engine is running. Use a firm grip, with your thumb and fingers encircling the handles.
- Keep all parts of your body away from the chainsaw when the engine is already running.
- Before starting the engine, make sure that the saw chain is not in contact with anything.

## **OPERATION**

- Keep the handles dry, clean and free of oil or fuel mixture.
- Never touch the muffler, spark plug or other metallic parts of the engine while the engine is operating or immediately after stopping the engine. Doing so could result in serious burns or electrical shock.
- Use extreme caution when cutting small size brush and saplings. Slender material may get caught in the saw chain and be whipped toward you or pull you off-balance.
- When cutting a limb that is under tension, be alert for any spring backs so that you won't be struck when the tension in the wood fibres is released.
- Check the tree for any dead branches that could fall during the felling operation.
- Always turn the engine off first before setting the chainsaw down.

## KICKBACK SAFETY PRECAUTIONS



### WARNING!

- Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinch the saw chain in the cut. Tip contact in some cases may cause a lightning-fast reverse reaction, kicking the guide bar up and back towards the operator. Either of these reactions may cause you to lose control of the chainsaw, which could result in serious personal injury.
- Do not rely exclusively on the safety devices built into your chainsaw. As a chainsaw user, you should take several steps to keep cutting jobs free from accidents and/or injuries.
  - With a basic understanding of kickback, you can reduce or eliminate the element of surprise. Sudden surprise contributes to accidents.
  - Keep a good grip on the chainsaw with both hands; with the right hand on the rear handle, and the left hand on the front handle when the engine is running. Use a firm grip with thumbs and fingers encircling the chainsaw handles. A firm grip will help you reduce kickback and maintain control of the chainsaw.
  - Make certain that the area in which you are cutting is free from any obstructions. Do not let the nose of the guide bar contact a log, branch, or any other obstructions which could get hit while you are operating the chainsaw.
  - Cut at high engine speeds.
  - Do not overreach or cut above shoulder height.
  - Follow the manufacturer's sharpening and maintenance instructions for the saw chain.
  - Only use replacement bars and chains specified by the manufacturer or the equivalent.

## MAINTENANCE

- In order to maintain your chainsaw in proper working order, perform the maintenance and checking operations described in the manual at regular intervals.
- Always be sure to turn off the engine before performing any maintenance or checking procedures.



### WARNING!

**The metallic parts can reach high temperatures immediately after stopping the engine.**

- Leave all maintenance other than the items listed in this manual to an authorised service centre or personnel.

## TRANSPORTATION

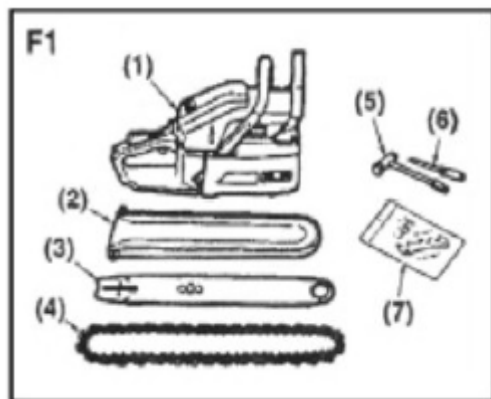
Always carry the unit with the engine stopped, the guide bar covered with the protector to the rear, and the muffler away from your body.



# INSTALLING THE GUIDE BAR AND SAW CHAIN

**IMPORTANT!** The chainsaw may come with plastic spacers over or around the bar studs - the spacer is for shipping purposes only and must be removed before mounting the chain bar. After removing the chain brake cover, remove any spacers, then mount the chain bar as described. Failure to remove any spacers before assembling and using the chainsaw will present an injury hazard, damage the unit and will void the warranty.

A standard saw unit package contains the items as the items as illustrated (F1).



- (1) Power unit
- (2) Bar protector
- (3) Guide bar
- (4) Chainsaw
- (5) Plug wrench
- (6) Screwdriver for carburettor adjustment
- (7) Spike and mounting screws

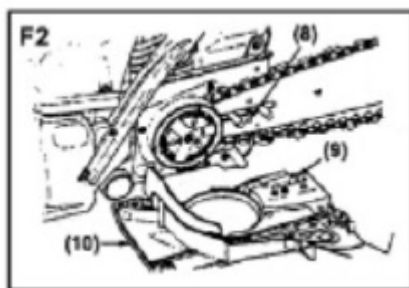
Open the box and install the guide bar and saw chain on the power unit as follows:



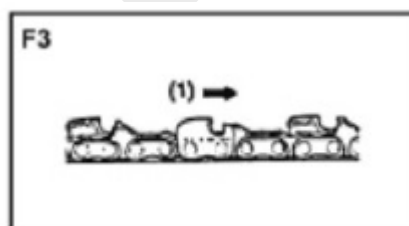
## WARNING!

The saw chain has very sharp edges. Use thick, protective gloves for your safety.

1. Pull the guard towards the front handle to check if the chain brake is turned off.
2. Loosen the nuts and remove the chain cover.
3. Install the attached spike to the power unit.
4. Gear the chain to the sprocket and, while fitting the saw chain around the guide bar, mount the guide bar to the power unit. Adjust the position of the chain tensioner nut on the chain cover to the lower hole of the guide bar (F2).



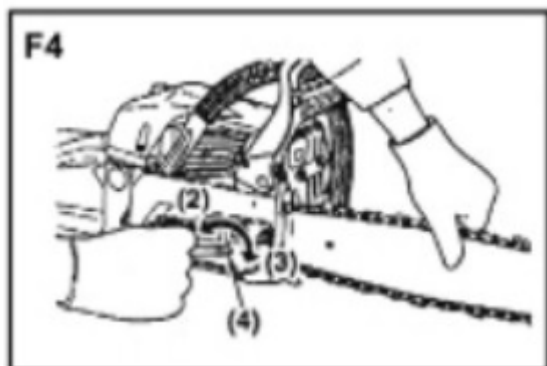
- (8) Hole
- (9) Tensioner nut
- (10) Chain cover



- NOTE:** Pay attention to the correct direction of the saw chain (F3).
- (1) Moving Direction

5. Fit the chain cover to the power unit and fasten the nuts tightly.

6. While holding up the tip of the bar, adjust the chain tension by turning the tensioner screw until the tie straps just touch the bottom side of the bar rail (F4).
7. Tighten the nuts securely with the bar tip held up (12 ~ 15N.m). Then check the chain for smooth rotation and proper tension while moving it by hand. If necessary, readjust with the chain cover loose.
8. Tighten the tensioner screw.



(2) Loosen

(3) Tighten

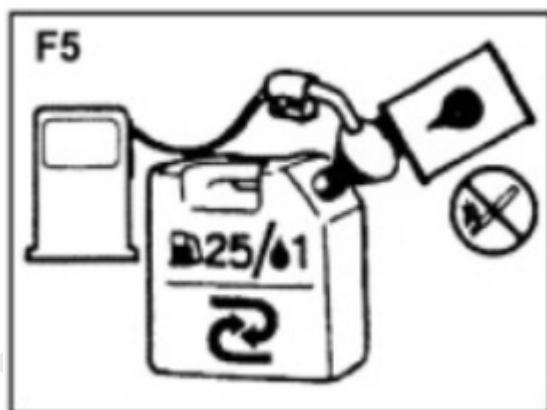
(4) Tensioner screw

**NOTE:** A new chain will expand its length at the beginning of use. Check and readjust the tension frequently as a loose chain can easily derail or cause rapid wear of itself and the guide bar.

## FUEL AND CHAIN OIL

### FUEL

Mix a regular gasoline (leaded or unleaded, alcohol-free) and a quality-proven motor oil for air-cooled 2-cycle engines.



#### Recommended mixing ratio:

Condition	Gasoline : Oil
Up to 20 hours use	20:1
After 20 hours use	25:1

#### 25:1 Mix Chart

Gasoline liters	1	2	3	4	5
2-cycle oil ml.	40	80	120	160	200

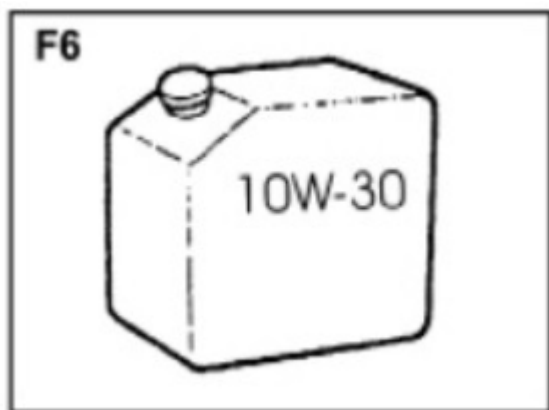


#### WARNING!

- Keep open flames away from the area where fuel is handled or stored.
- Mix and store fuel only in an approved gasoline container.

**NOTE:** Most engine troubles are caused, directly or indirectly, by the fuel used on the machine. Take special care not to mix a motor oil for 4-cycle engines.

## CHAIN OIL



Use motor oil SAE# 10W- 30 all year round or SAE #30 - #40 in summer and SAE#20 in winter.

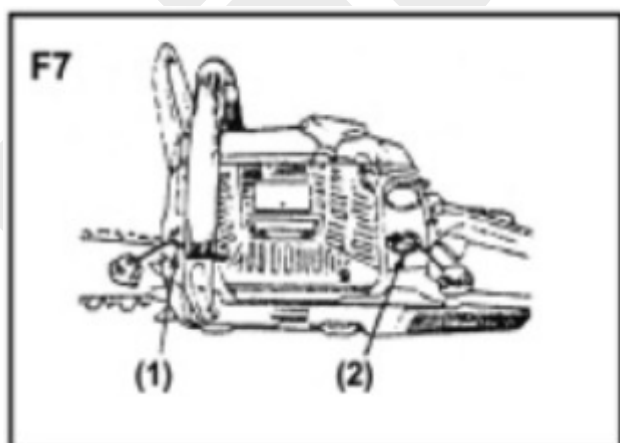
**NOTE:** Do not use wasted or regenerated oil that can cause damage to the oil pump.

## ENGINE OPERATION

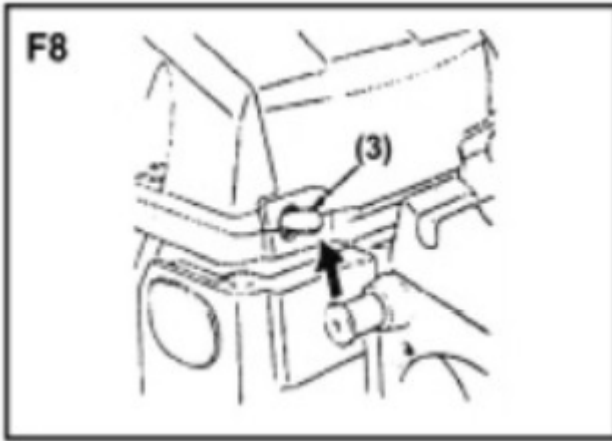
### STARTING THE ENGINE

- (1) Chain oil
- (2) Fuel
- (3) Switch
- (4) Throttle lock button
- (5) Throttle lever
- (6) Throttle interlock
- (7) Choke knoll

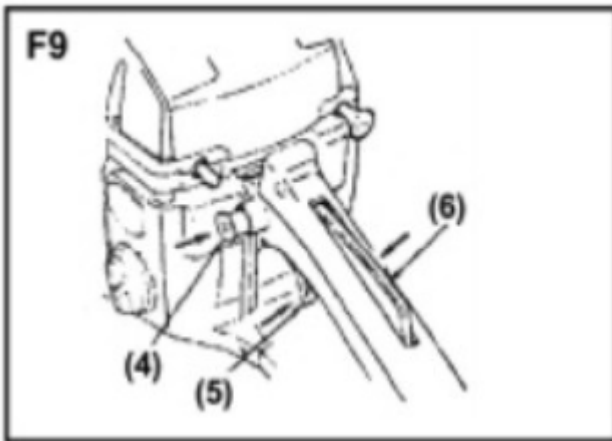
1. Fill fuel and chain oil tanks respectively, and tighten the caps securely (F7).



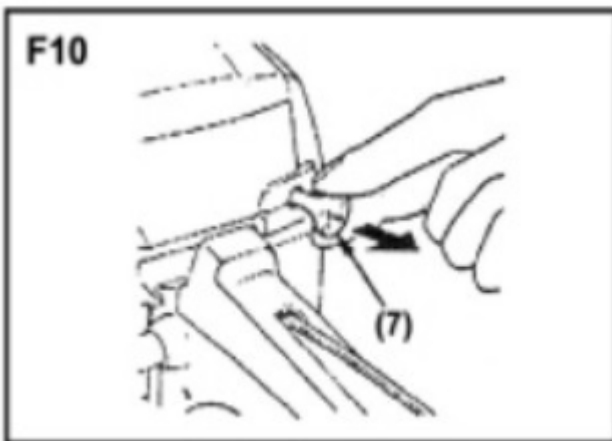
2. Put the switch to "I" position (F8).



3. While holding the throttle lever together with the throttle interlock, push in the side throttle lock button and release the throttle lever to hold it at the starting position (F9).



4. Pull out the choke knob to the closed position (F10).



**NOTE:** When restarting immediately after stopping the engine, leave the choke knob on the open position.

5. While holding the saw unit securely on the ground, pull the starter rope vigorously (F11).



**WARNING!**

**DO not start the engine while hanging the chainsaw with just one hand. The saw chain could touch your body. It's very dangerous!**

6. When engine has ignited first, push in the choke knob and pull the starter again to start the engine.
7. Allow the engine to warm up, with the throttle lever pulled slightly.



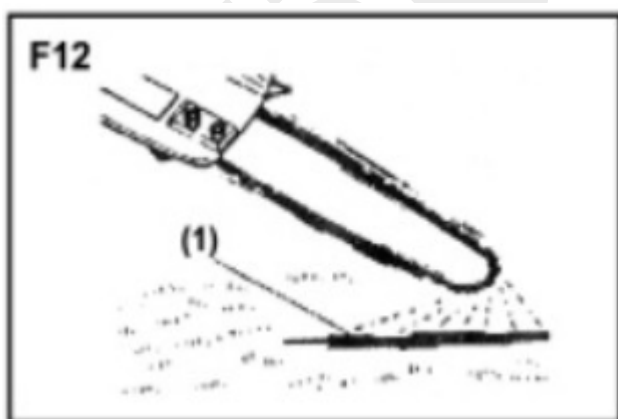
**WARNING!**

**Keep clear of the saw chain as it will start rotating upon starting of engine.**

## CHECKING THE OIL SUPPLY

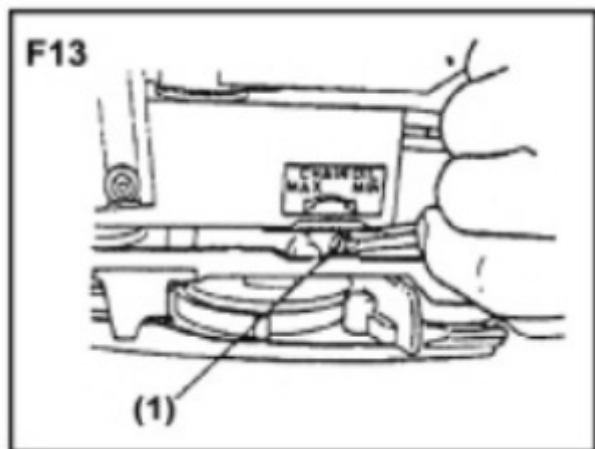
After starting the engine, run the saw chain at medium speed and see if the chain oil is scattered off as shown in the figure (F12).

**(1) Chain oil**



The chain oil now can be changed by inserting a screwdriver in the hole at the bottom of the clutch side. Adjust according to your working conditons (F13).

**(1) Adjuster**



**NOTE:** The oil tank should become nearly empty by the time the fuel is used up. Be sure to refill the oil tank every time when refuelling the unit.

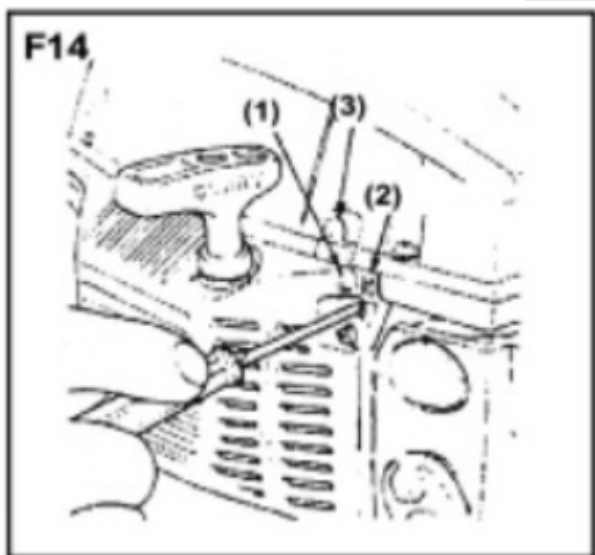
## **ADJUSTING THE CARBURETTOR**

Refer to Figure F14 below:

**(1) L needle**

**(2) H needle**

**(3) Idle adjusting screw**



The carburettor on your unit has been factory-adjusted, but may require fine tuning due to changes in operating conditions. Before adjusting the carburettor, make sure that the air/fuel filters are clean and that the fuel is fresh and properly mixed. When doing adjustments, take the following steps:

**NOTE:** Be sure to adjust the carburettor with the bar chain attached.

1. Stop the engine and screw in both H and L needles until they come to a complete stop. Never force the screw in. then, set them back to the initial number of turns as shown below:  
 H Needle: 1 3/8  
 L Needle: 1 1/4
2. Start the engine and allow it to warm up a half-throttle.
3. Turn the L needle slowly in a clockwise direction to find a position where idling speed is at its maximum, then set the needle back to a quarter (1/4) turn in a counter clockwise direction.
4. Turn the idle adjusting screw (T) counter clockwise so that the saw chain does not turn. If the idling speed is too slow, turn the screw clockwise.
5. Make a test cut and adjust the H needle for best cutting power, not for maximum speed.

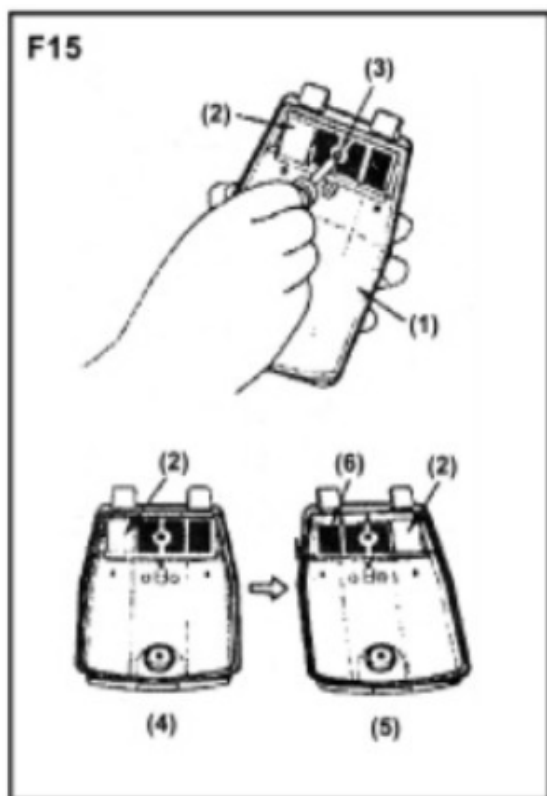
## **CARBURETTOR ANTI-FREEZE MECHANISM**

Operating the chain saw in temperatures of 0 – 5°C at times of high humidity may result in ice forming within the carburettor, and this in turn may cause the output power of the engine to be reduced or for the engine to fail to operate smoothly. This chainsaw has been designed accordingly with a ventilation hatch at the back of the air cleaner cover to allow warm air to be supplied to the engine so as to prevent icing from forming.

Under normal circumstances, the chainsaw should be used in normal operating mode, i.e., in the mode in which it is set at the time of shipment.

However, when the possibility exists that icing may occur, the unit should be set to operate in anti-freeze mode before use (F15).

- (1) Air cleaner cover**
- (2) Anti-icing plate**
- (3) Screw**
- (4) Normal operating mode**
- (5) Anti-freeze mode**
- (6) Screen**



### WARNING!

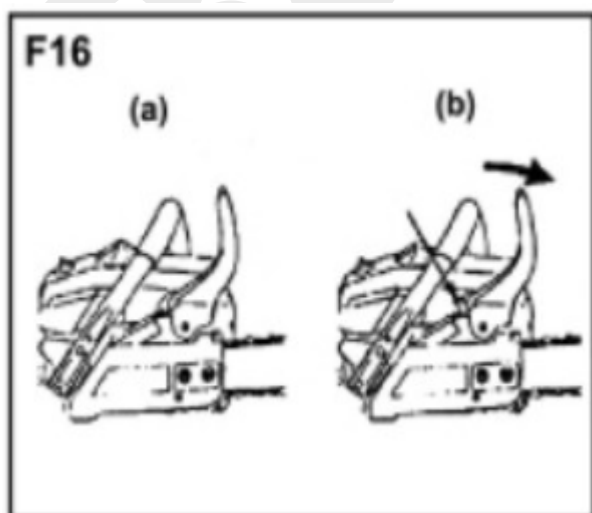


Continuing to use the chainsaw in anti-freeze mode, even when temperatures have risen and returned to normal, may result in the engine failing to start properly or in the engine failing to operate at its normal speed, and for this reason you should always return the unit to normal operating mode if there is no danger of icing from occurring.

When using the saw with the anti-freeze mode, check the screen frequently and keep it clean of saw dust.

## CHAIN BRAKE

This unit is equipped with an automatic brake to stop saw chain rotation upon occurrence of a kickback while in cutting mode. The brake is automatically operated by inertial force, which acts on the weight fitted inside the front guard. This brake can also be operated manually with the front guard turned down to the guide bar (F16).



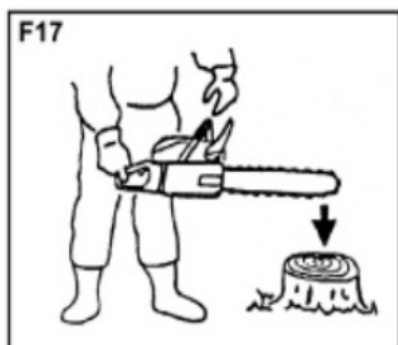


To release brake, pull up the front guard toward the front handle till a clicking sound is heard.

**CAUTION:** be sure to confirm brake operation on your daily inspections.

How to Confirm:

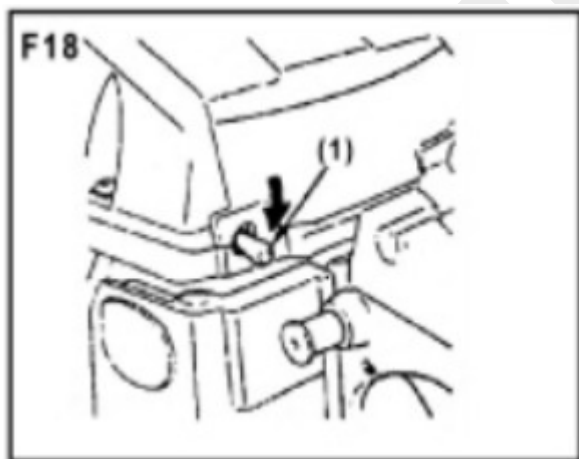
1. Turn off the engine.
2. Holding the chainsaw horizontally, release your hand from the front handle, hit the tip of the guide bar to a stump or a piece of wood, and confirm brake operation. Operating level varies by bar size (F17). In case the brake is not effective, ask the manufacturer or an authorised service centre for inspection and repairing. The engine, if being kept rotated at high speed with the brake engaged, heats up the clutch, which might cause potential troubles. When the brake is operated while in operation, immediately release your fingers from the throttle lever and keep the engine idling.



## STOPPING THE ENGINE

1. Release the throttle lever to allow the engine to idle for a few minutes.
2. Put the switch to the "O" (STOP) position (F18).

**(1) Switch**



## SAWING

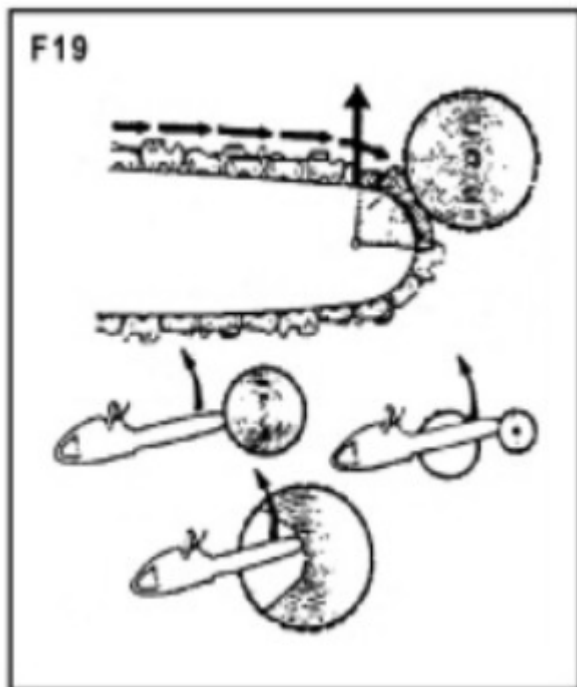


### WARNING!

- Before proceeding to your work, read the [Safety Precautions](#) section first. It is recommended to first practice sawing easy logs. This also helps you get accustomed to your unit.
- Always follow the safety regulations. The chainsaw must only be used for cutting wood. Do not cut other types of material. Vibrations and kickbacks vary with different materials and the requirements of the safety regulations would not be followed. Do not use the chainsaw as a lever for lifting, moving or splitting objects. Do not lock it over fixed stands. Do not hitch tools or applications onto the unit that are not specified by the manufacturer.
- It is not necessary to force the saw into the cut. Apply only light pressure while running the engine at full throttle.
- When the saw chain is caught in the cut, do not attempt to pull it out by force. Instead, use a wedge or a lever to pry it away.

## GUARDING AGAINST KICKBACKS

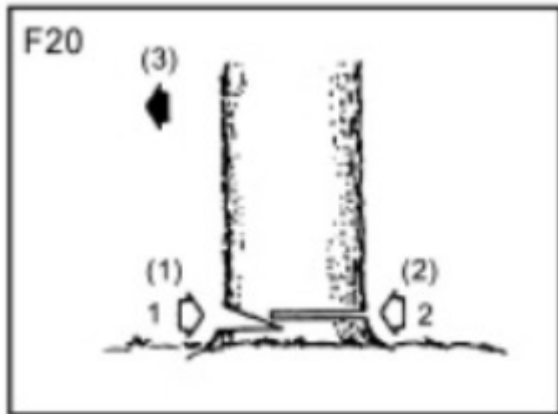
This saw is equipped with a chain brake that will stop the chain in the event of a kickback if operating properly. You must check the chain brake operations before each use by running the saw at full throttle for 1 – 2 seconds and pushing the front hand guard forward. The chain should stop immediately with the engine at full speed. If the chain is slow to stop or does not stop, replace the brake band and clutch drum before using the chainsaw.



It is extremely important that the chain brake should be checked for proper operation before each use. The chain should also be sharp in order to maintain the kickback safety level of the chainsaw. Removal of the safety devices, inadequate maintenance, or incorrect replacement of the bar or chain may increase the risk of serious personal injury due to kickbacks.

## FELLING A TREE

- (1) Notch cut
- (2) Felling cut
- (3) Felling direction



1. Decide the felling direction considering the wind, inclination of the tree, location of heavy branches, ease of job after felling and other factors.
2. While clearing the area around the tree, secure a good foothold and retreat path.
3. Make a notch cut one-third of the way into the tree on the felling side.
4. Make a felling cut from the opposite side of the notch and at a level slightly higher than the bottom of the notch.



### WARNING!

When you are felling a tree, be sure to warn any persons nearby of the danger.

## BUCKING AND LIMBING

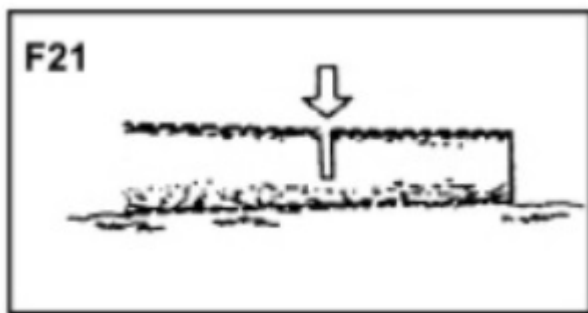


### WARNING!

- Always secure your foothold. Do not stand on the log.
- Be alert to the rolling over of a cut log. When working on a slope, stand on the uphill side of the log.
- Follow the Instructions in the [Safety Precautions](#) section to avoid kickback of the saw.

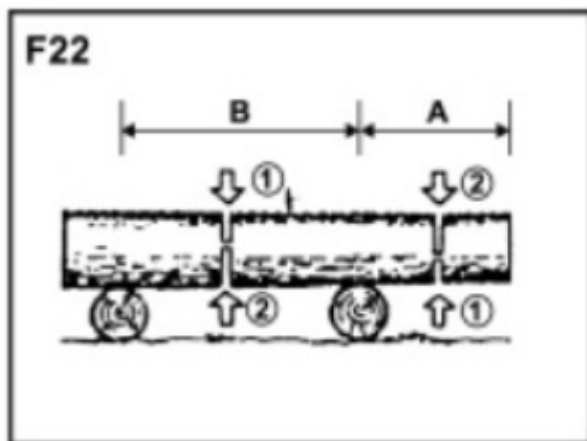
Before starting your work, check the direction of the bending force inside the log to be cut. Always finish cutting from the opposite side of the bending direction to prevent the guide bar from getting caught in the cut.

## CUTTING A LOG LYING ON THE GROUND



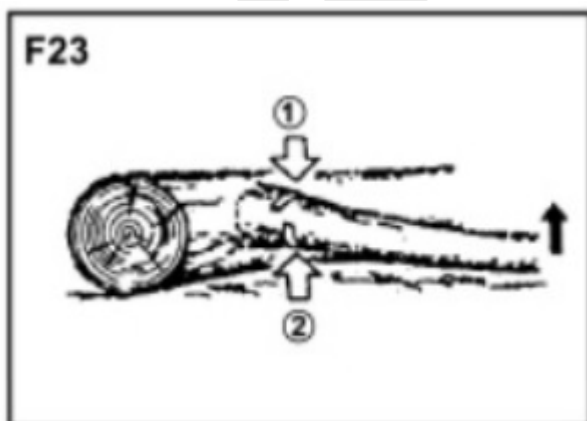
Saw down halfway, then roll the log over and cut it from the opposite side.

## CUTTING A LOG HANGING OFF THE GROUND



In area A, saw up from the bottom one-third and finish by sawing down from the top. In area B, saw down from the top one-third and finish by sawing up from the bottom.

## CUTTING THE LIMBS OF FALLEN TREES



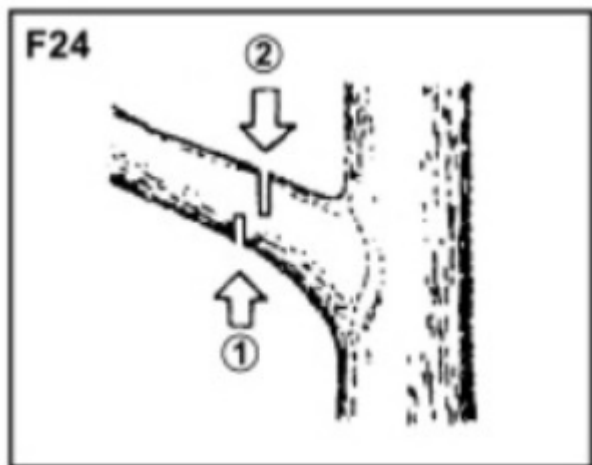
First, check which side of the tree the limb is bent towards. Then, make the initial cut from the bent side and finish by sawing from the opposite side.



**WARNING!**

Be alert for any limbs springing back towards you while cutting.

## PRUNING A STANDING TREE



Cut upwards from the bottom, then cut downwards from the top.



**WARNING!**

- Do not use an unstable foothold or ladder.
- Do not overreach.
- Do not cut above your shoulder height.
- Always use both of your hands to grip the saw.

## MAINTENANCE



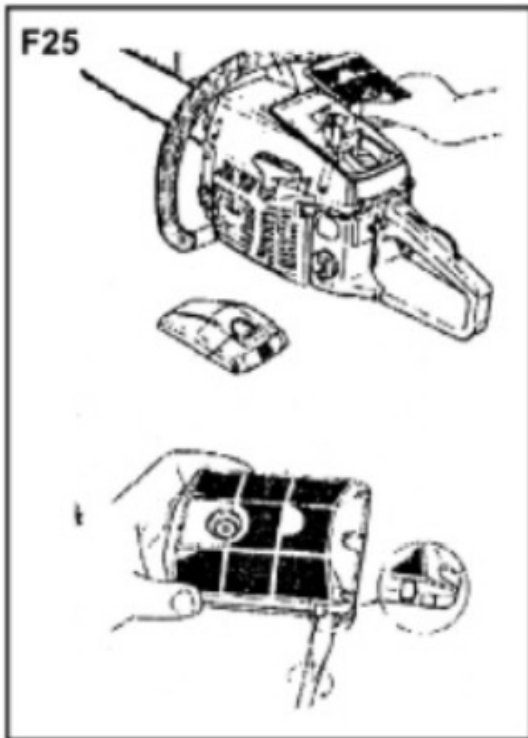
**WARNING!**

Before cleaning, inspecting, or repairing your chainsaw, make sure that the engine has come to a complete stopped and has completely cooled down. Disconnect the spark plug to prevent any accidental starting.

## MAINTENANCE AFTER EACH USE

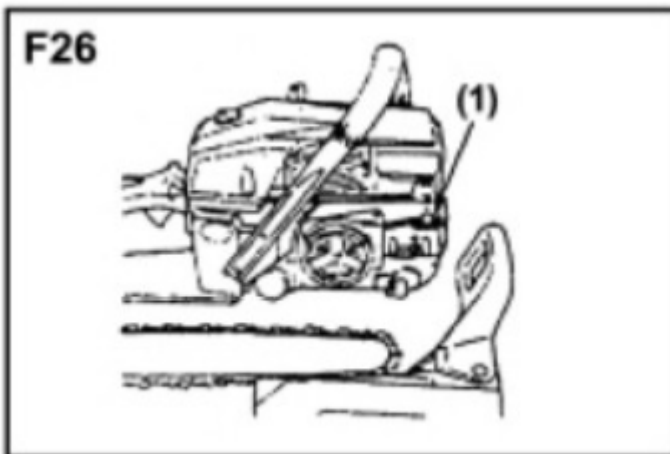
### 1. Air filter

Dust on the cleaner surface can be removed by tapping a corner of the cleaner against a hard surface. To clean dirt from the meshes, split the cleaner in two and wipe it with gasoline. When using compressed air, blow from the inside (F25).



## 2. Oiling port

Dismount the guide bar and check the oiling port for clogging (F26).



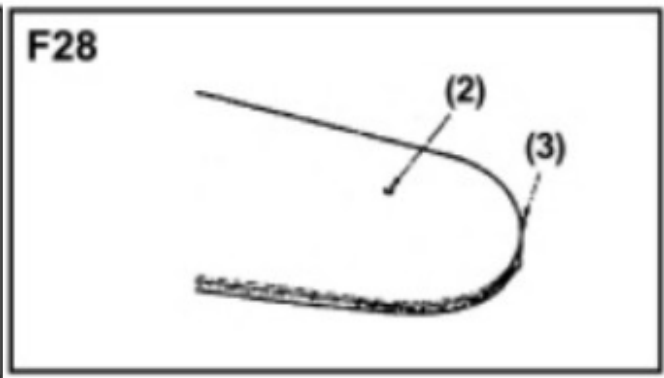
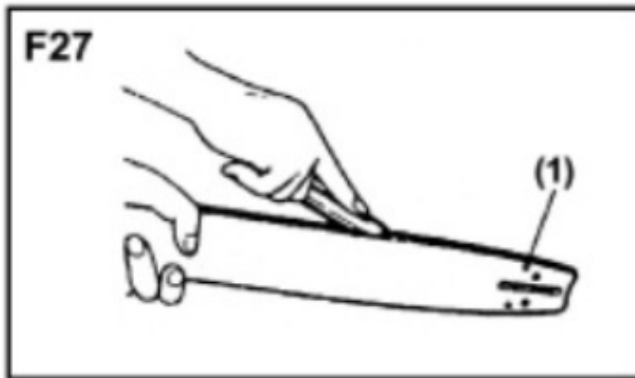
## 3. Guide bar

When the guide bar is dismounted, remove any saw dust in the bar groove and the oiling port (F27). Grease up the nose sprocket from the feeding port on the tip of the bar (F28).

(1) Oiling port

(2) Grease port

(3) Sprocket



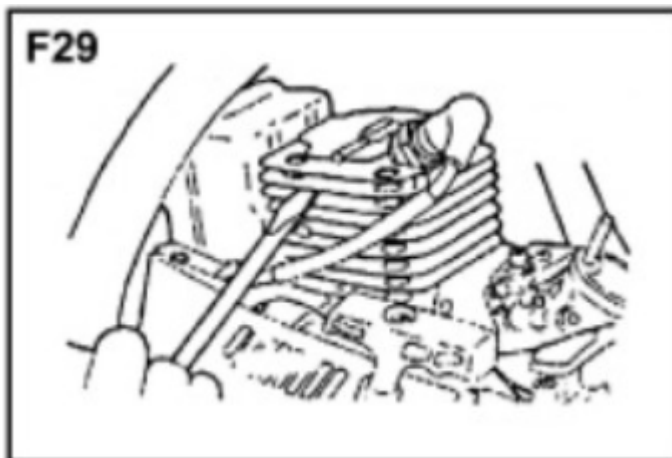
#### 4. Others

Check for fuel leakage and loose fastenings and damages to major parts, especially handle joints and guide bar mounting. If any defects are found, have them repaired before operating the chainsaw again.

## PERIODICAL SERVICE POINTS

### 1. Cylinder fins

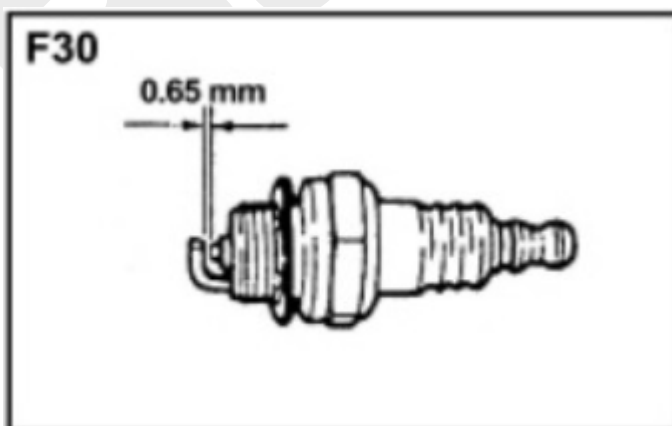
Dust that's clogged in the cylinder fins will cause overheating of the engine. Check and clean the cylinder fins periodically after removing the air cleaner and the cylinder cover. When installing the cylinder cover, make sure that the switch wires and grommets are positioned correctly in place (F29).



**NOTE:** Be sure to block the air intake hole.

### 2. Spark plug

Clean the electrodes with a wire brush and reset the gap to 0.65mm as necessary.



### 3. Sprockets

Check for cracks and for excessive wear that are interfering with the chain drive. If cracks and worn parts are found, replace them with new ones. Never fit a new chain on a worn sprocket, or a worn chain on a new sprocket.

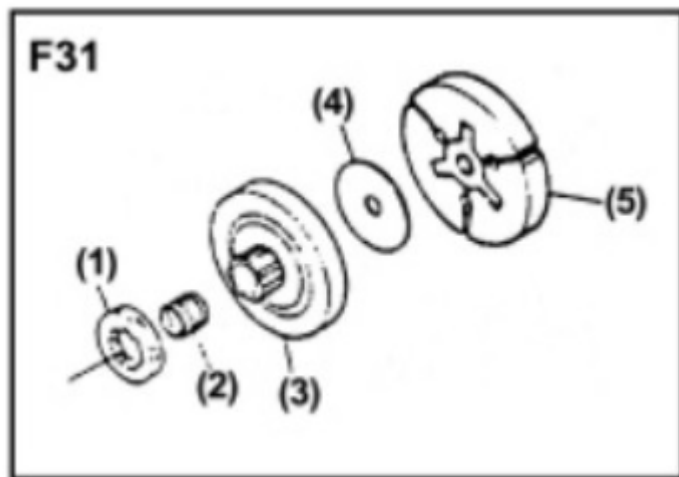
(1) Sprocket

(2) Needle bearing

(3) Clutch drum

(4) Spacer

(5) Clutch shoe



### 4. Fuel filter

Disassemble the filter and wash with gasoline, or replace it with a new one if necessary.

### 5. Oil filter

Disassemble the filter and wash it with gasoline, or replace it with a new one if necessary.

### 6. Front and rear dampers

Replace if any adhered part is peeled or if you see a crack on the rubber part.

## MAINTENANCE OF SAW CHAIN AND GUIDE BAR

### SAW CHAIN



#### WARNING!

For a smooth and safe operation, it is very important to always keep the cutters sharp.

Your cutters need to be sharpened when:

- Sawdust becomes powder-like.
- You need extra force to saw in.
- The cutting direction isn't straight.
- Vibration increases.
- Fuel consumption increases.



## Cutter Setting Standards



### WARNING!

**Be sure to wear safety gloves.**

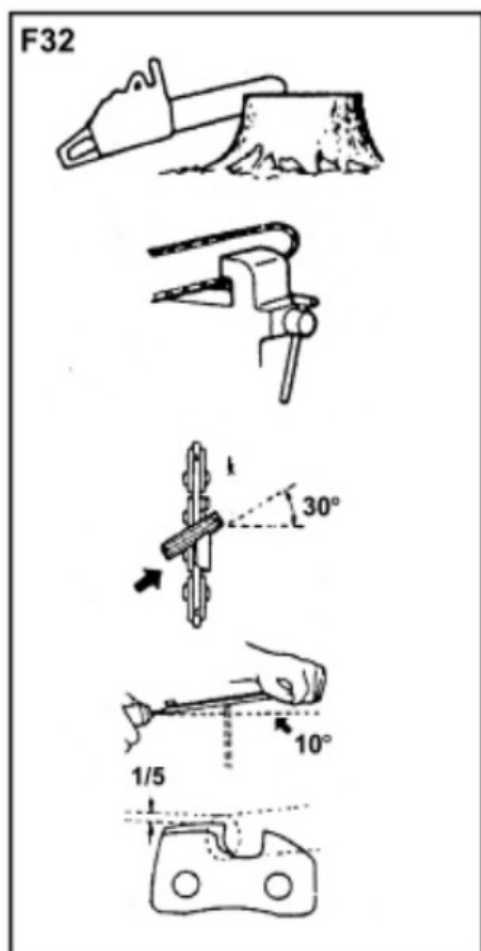
Before filing:

- Ensure that the saw chain is held securely.
- Ensure that the engine has come to a complete stop.
- Use a round file of a proper size for your chain.

Chain type: 21VB

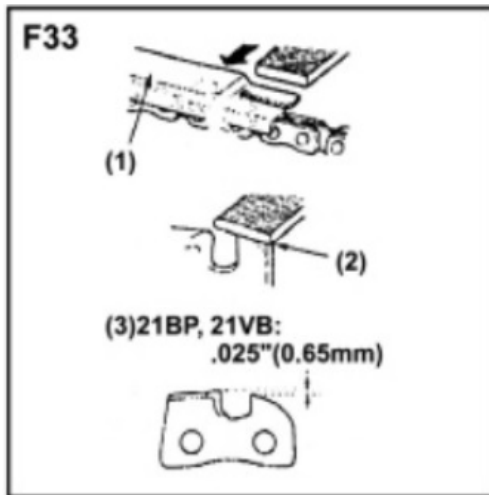
File size: 3/16 in. (4.76mm)

Place your file on the cutter end push straight forward. Keep the file positioned as illustrated (F32).



After every cutter has been set, check the depth gauge and file it to the proper level as illustrated (F33).

- (1) Appropriate gauge checker
- (2) Make the shoulder round
- (3) Depth gauge standard



**WARNING!**

Be sure to round off the front edge to reduce the chance of kickbacks or tie-trap breakage.

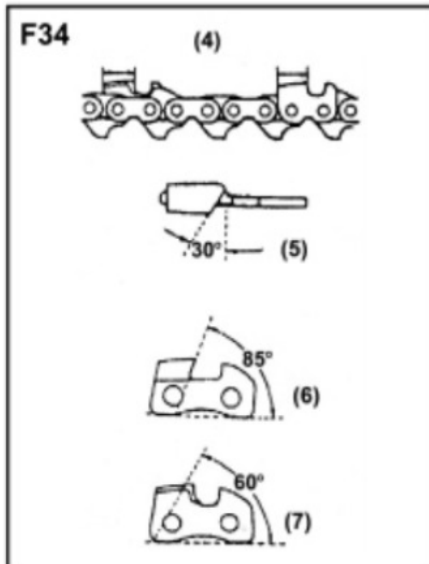
Make sure that every cutter has the same length and edge angles as illustrated (F34).

(4) Cutter length

(5) Filing angle

(6) Side plate angle

(7) Top plate cutting angle



## GUIDE BAR

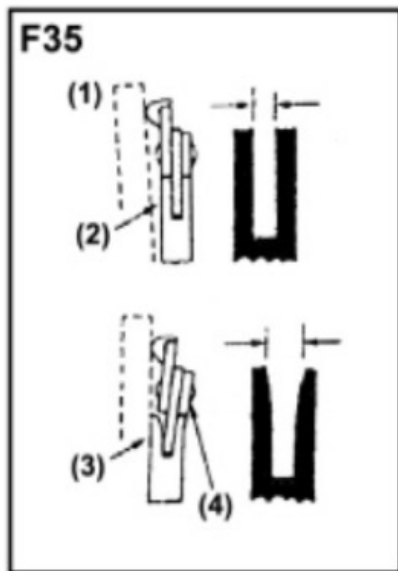
- Reverse the bar occasionally to prevent partial wear.
- The bar rail should always be a square. Check for wear of the bar rail. Apply a ruler to the bar and the outside of a cutter. If a gap is observed between them, the rail is normal. Otherwise, the rail is worn out and needs to be corrected or replaced (F35).

(1) Ruler F35

(2) Gap

(3) No gap

(4) Chain tilts



## SPECIFICATIONS

<b>ENGINE TYPE</b>	Petrol EURO 2 -2 Stroke Commercial
<b>MAXIMUM POWER</b>	4.5Hp (peak)
<b>DISPLACEMENT</b>	62cc
<b>MAXIMUM ENGINE SPEED</b>	11,000 RPM
<b>IGNITION TYPE</b>	CDI
<b>BAR TYPE</b>	Sprocket Nose
<b>BAR LENGTH</b>	20"
<b>FUEL TANK CAPACITY</b>	550mL
<b>FUEL TYPE</b>	Regular Unleaded 95+ RON
<b>FUEL MIX</b>	25:1 (25 parts fuel to 1 part two stroke oil)
<b>BAR OIL CAPACITY</b>	260mL
<b>BAR OIL TYPE</b>	SAE#10W-30 or Similar
<b>CHAIN TYPE</b>	Low Kickback Premium semi-Chisel
<b>CHAIN SPEC</b>	20", Pitch 0.325, Gauge 0.058, Links 76



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  - Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged/missing parts, wear or leaks.
  - Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections/servicing.
  - Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
  - If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.
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