VEVOR

Affordable. Reliable. Home Improvement.

TWO STROKE CHAINSAW

MODEL:4300

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

Operating Precautions

WARNING!

● Make sure the chain and sprocket are correctly adjusted before operating the pruner. Never attempt chain adjustment with the engine running.

● Always make sure the cutting attachment is properly installed and firmly tightened before operation.

● Never use a cracked or warped guide bar; replace it with a serviceable one and make sure it fits properly.

● Never smoke or light fires near the pruner. Keep the pruner away from excessive heat. Engine fuel is very flammable and fire could lead to serious personal injury or property damage.

● If a saw blade should bind fast in a cut, shut off the engine immediately. Push the branch or tree to ease the bind and free the blade.

● Make sure there are no missing or loose fasteners, and that the stop switch and throttle controls are working properly.

● Always move the unit to a place well away from a fuel storage area or other readily flammable materials before starting the engine. Use caution when handling fuel. Move the pole pruner at least 3 meters (10 feet) from the fueling Point before starting the engine.

● Make sure there is always good ventilation when operating the pruner. Fumes from engine exhaust can cause serious injury or death. Never run the engine indoors! - Before starting the engine, make sure the saw chain is not contacting anything.

● Do not operate the pole pruner with the muffler removed.

● When cutting a limb that is under tension, be alert for spring back so that you will not be struck by the moving limb.

● Always stop the engine immediately and check for damage if you strike a foreign object or if the machine becomes tangled. Do not operate with broken or damaged equipment.

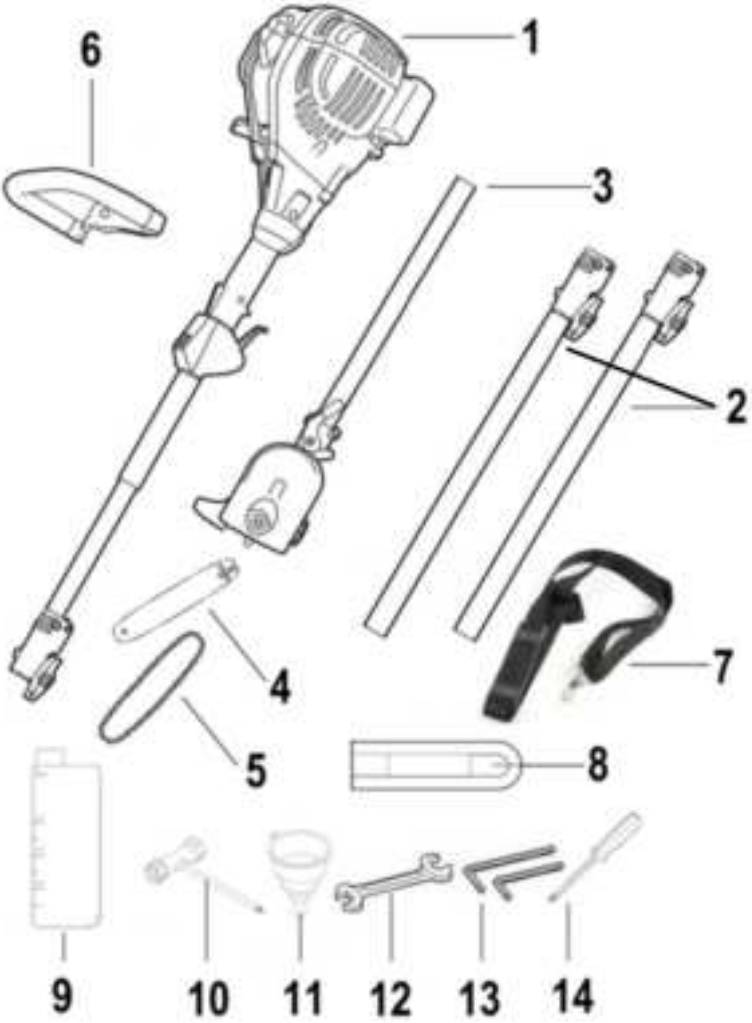
● Stop the machine immediately if it suddenly begins to vibrate or shake. Inspect for broken, missing or improperly installed parts or attachments.

● Never transport the pruner nor set it down with the engine running. An engine that's running could be accidentally accelerated causing the chain to rotate.

● Make sure the chain cover is in place when transporting and storing the pruner.

● When carrying by hand, the chain Should be pointing backward.

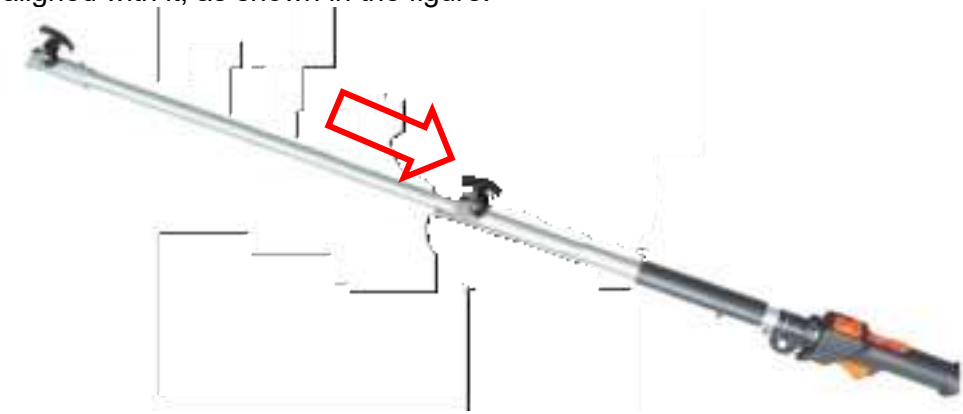
Parts List



1	Engine	2	Extension rods x2
3	Lower pole	4	Guide bar
5	Saw chain	6	Handle
7	Harness	8	Guide bar cover
9	Fuel mixing container	10	Multi tool
11	Funnel	12	Assembly wrench
13	Hex key x2	14	Screwdriver

Installation steps

Step1: Connect the extension rod to the switch rod and keep the direction aligned with it, as shown in the figure.



Step 2: After connecting the pole, you will hear a sound and the latch will pop up. Then, press down on the latch and tighten the handle next to it to fix the pole.

Step 3: Find the head of the pole saw and unscrew the screw on the plastic part.

Step4: Insert the chain into the guide bar, align the chain with the sprocket, and ensure that the limit positions on the guide plate are aligned.

Step5: Then install the chain cover back and tighten the nut, paying attention to the pointed edge of the chain facing forward, as shown in the figure.

Step6: Find the chain adjustment hole to adjust the tightness of the chain, vigorously move the chain, and control the distance between the middle guide teeth and the guide bar of the chain to about half, making sure not to exceed the slot.

Then you can push the chain forward by hand, making sure it is smooth. If it is very difficult to push, it means too tight. We need to adjust the tightness of the chain again.

Step7: Assemble the assembled pole saw rod with the connecting rod.

Step8: After connecting the pole, you will hear a sound and the latch will pop up. Then, press down on the latch and tighten the handle next to it to fix the pole.

Step9: First, place the black silicone sleeve on the pipe, then install the P shaped handle. Install the handle as shown in the figure, parallel to the ground,and tighten the corresponding four fixing screws.

Step10: Align the shoulder strap with the hole and fasten them.

Step11: Finally, let's check if the assembled machine screws are tightened.

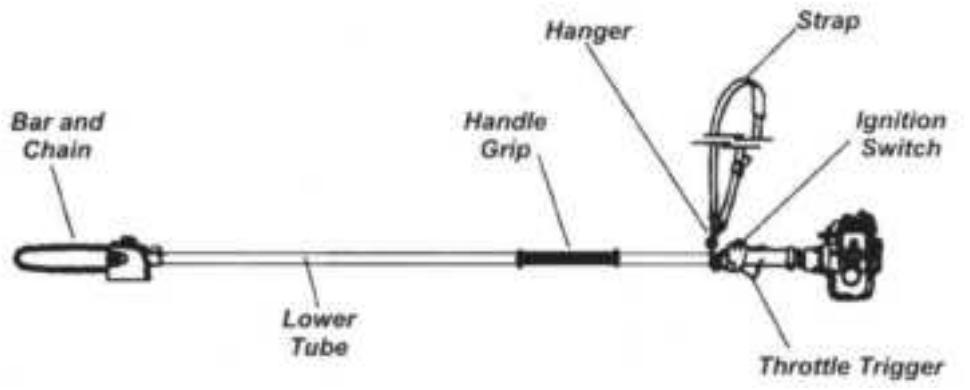
Use unit without upper tube

If the lower tube assembly is long enough, you can use it only without upper tube according to the working condition.

Operate as follows:

1. Follow "disassembling the pole sections" section to remove the upper tube/coupler assembly from gear case.

2. Follow "assembling the pole sections" section to assemble the gear case onto the lower tube assembly.



Filling the Fuel Tank

WARNING! Always minimize the risk of fire when handling fuel!

■ Always allow the pruner to cool before refueling!

■ Wipe all spilled fuel and move the pruner at least 3 meters (10 feet) from the fueling point before restarting!

■ Never smoke or light any fires near the pruner or fuels!

■ Never place any flammable material near the engine muffler!

■ Never operate the engine without the muffler and spark arrestor in place and properly functioning!

■ Never operate this machine if fuel system components are damaged or are leaking.

1. Place the pruner on a flat, level surface.
2. Clear any dirt or other debris from around the fuel filler cap.
3. Remove the fuel cap, and fill the fuel tank with clean, fresh fuel mixture.
4. Install and firmly tighten the fuel cap.
5. Wipe up any spilled fuel from the power head before restarting.

Startup steps

1. Add chain oil to the oil pot of the high branch saw.

NOTE:The capacity of the chain oil tank is 150 milliliters.

2. Mix oil and petrol at a ratio of 1:40.

Engine Running-in Requirements

Early Stage: The surfaces of the internal components of a new fuel chain saw engine are not smooth enough, and the fit clearance may not be precise enough either. Using a relatively high lubricating oil ratio of 25:1 can form a thicker oil film on the surfaces of the components, providing better lubrication and extending the service life of the engine. (Only use this ratio for the first three times.)

Later Stage: After the engine has been used for a certain period of time, all components have been well run-in. At this time, there is no need for excessive lubricating oil to ensure the lubrication effect. Using a ratio of 40:1 can reduce the amount of lubricating oil used while ensuring the lubrication performance.

3. Mix the engine oil and gasoline well.

4. Open the oil can and add the mixed oil.

5. Press the oil bubble several times to push the oil through the pipe. two-stroke engine oil gasoline

6.Close the air cleaner cover upwards.

7.Push back to turn on the switch. (If you want to turn off the machine, push forward to close the switch).

8. Pull the starter firmly until the machine starts.

9. Open the air cleaner cover downwards at once after the machine starts.

10.When the machine starts, it vibrates and keeps the machine running for 5-10 seconds.

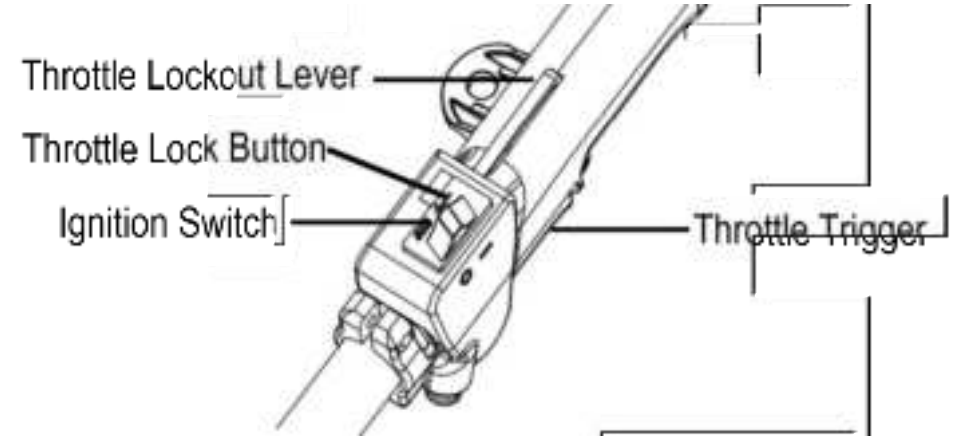
11. Press and hold the latch and switch.

12. Can not be used until the oil is removed from the chain.

Restarting After (Starting Cold Engine)

Control positions (cold engine)

1. Set the throttle trigger to "fast idle" as follows:

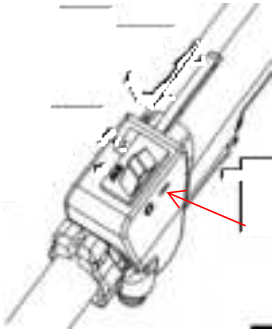


- Depress and hold the throttle lockout lever.
- Squeeze and hold the throttle trigger.
- Depress the throttle lock button.
- While holding down the throttle lock button, release the throttle trigger and throttle lockout lever.

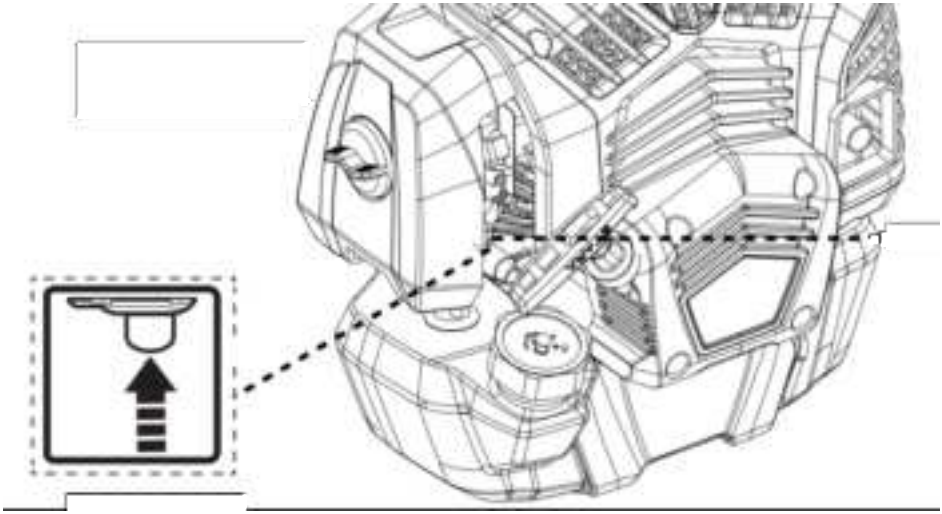
- Release the throttle lock button.

IMPORTANT Engine ignition is controlled by a two - position START-STOP switch mounted on the throttle body, typically labeled "I" for START and "O" for STOP.

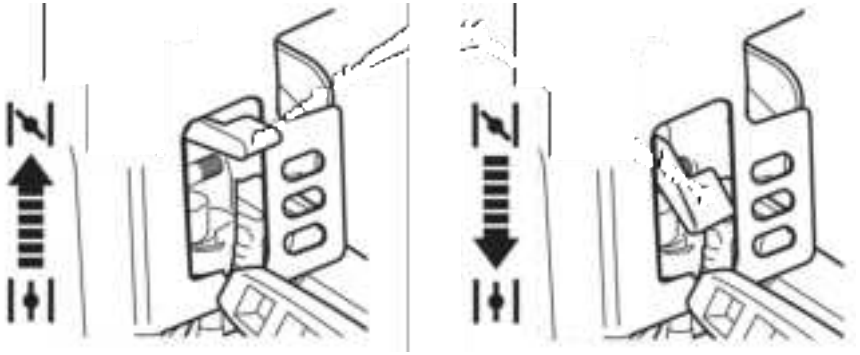
2. Slide the ignition switch to the "I" (start) Position.



3. Prime the engine by depressing the carburetor primer bulb four or five times. You should be able to see fuel inside the bulb.



4. Choke the engine by moving the choke lever up to the "closed" position.



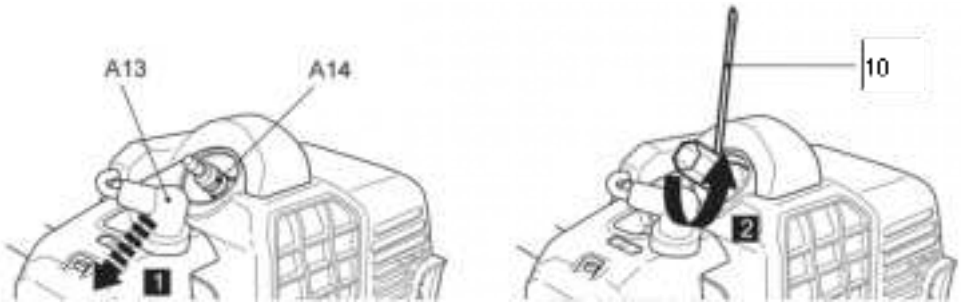
Restarting After (Starting Warm Engine)

1. Set the throttle trigger to "fast idle" (see Step 1 above).
2. Slide the ignition switch to the "I" (START) position.
3. Moving the choke lever down to the "open" position.

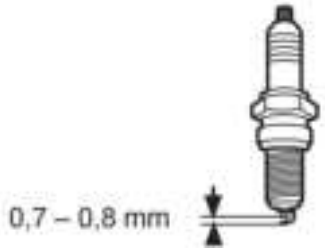
Spark plug

Inspect the spark plug every 25 hours or prior to long-term storage over 30 days if the use has not been this high. Clean or replace with a new one if necessary.

1. Disconnect the spark plug connector (A13).
2. Loosen the spark plug (A14) anticlockwise using the multi tool (10) and remove it carefully.



3. Check the spark plug (A14) for damage and wear. The colour of the electrode should be light-brown colored.
4. Remove debris from the electrode with a soft wired brush; avoid heavy cleaning of the electrode.
5. Dry the spark plug with a soft cloth, if it is wet from fuel.
6. Check the spark plug gap. It should be 0.7 – 0.8 mm



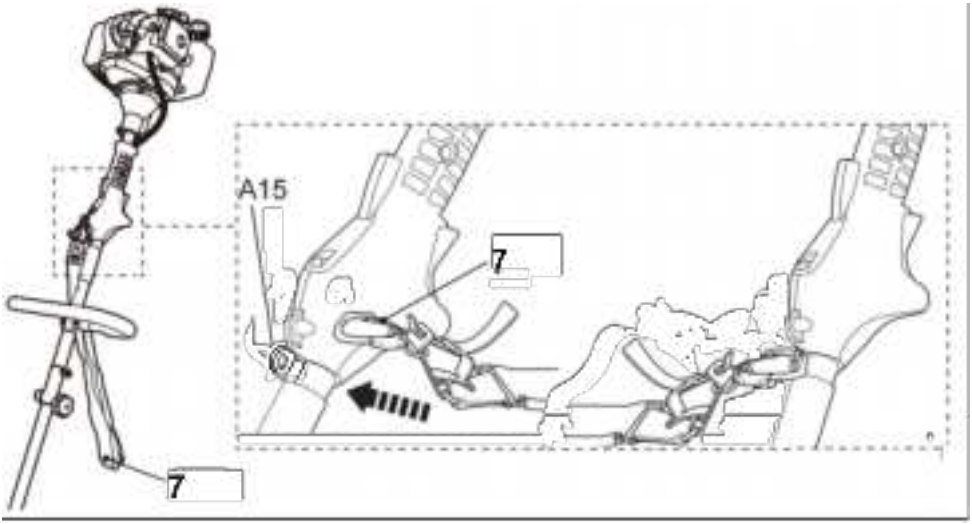
7. Replace with a new spark plug if either the electrode or the insulation is damaged.
8. When replacing the spark plug, first screw it in hand tight and then lightly tighten it with the multi tool (10).

WARNING! Do not over tighten the spark plug to avoid any damage!

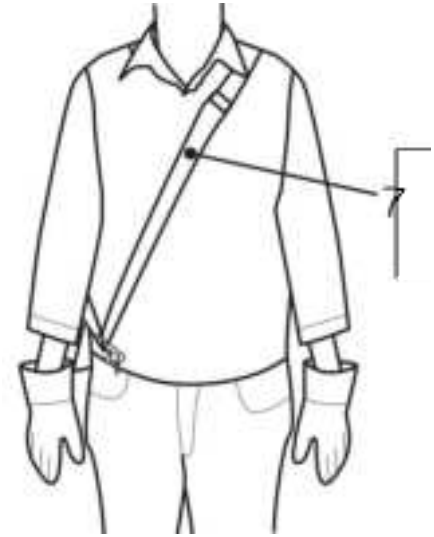
Harness

The harness (A16) helps the operator to carry the product.

1. Attach the securing clip (A18) to one of the loop (A15).



2. Place the harness (A16) so that it runs over the left shoulder, crossing the chest and back. The securing clip (A18) must be located at the right hip.

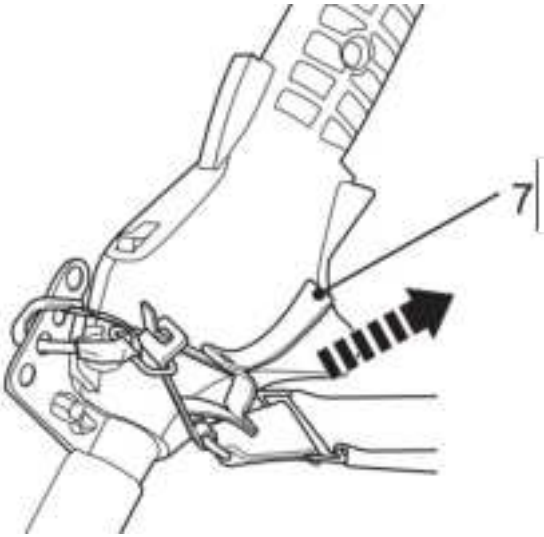


3. Ensure the position of the product is properly balanced.

4. Adjust the length of the harness (A16) so that the securing clip (A18) is approximately 15 cm below your waist.

WARNING!
Always attach the product to the harness. Do not carry it only with your hands!

5. In case of emergency, hold the front handle (A27) with the left hand, and use the right hand to pull the rope (7) . The metal locking bar will be released from the securing clip automatically because of the weight of the product.



Saw chain and guide bar

Pole saw

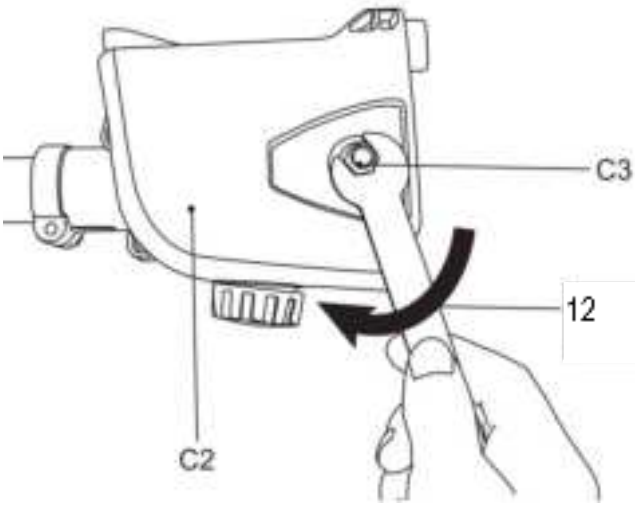
WARNING! Always wear gloves during assembly!

Assemble the guide bar (4) and saw chain (5) before operation.

1. Chain and guide bar assembly

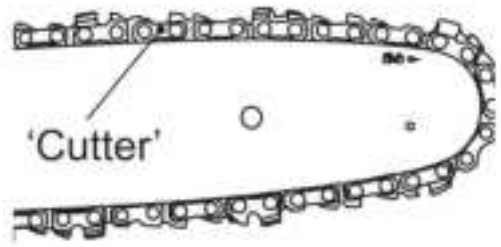
1) Use only a guide bar (4 and saw chain (5) according to the technical data of the pole saw.

2) Place the product on a suitable flat surface with the side cover (C2) facing upwards.
3) Unscrew in counter-clockwise direction the retaining nut (C3) with the assembly wrench (12) and then remove the side cover (C2).



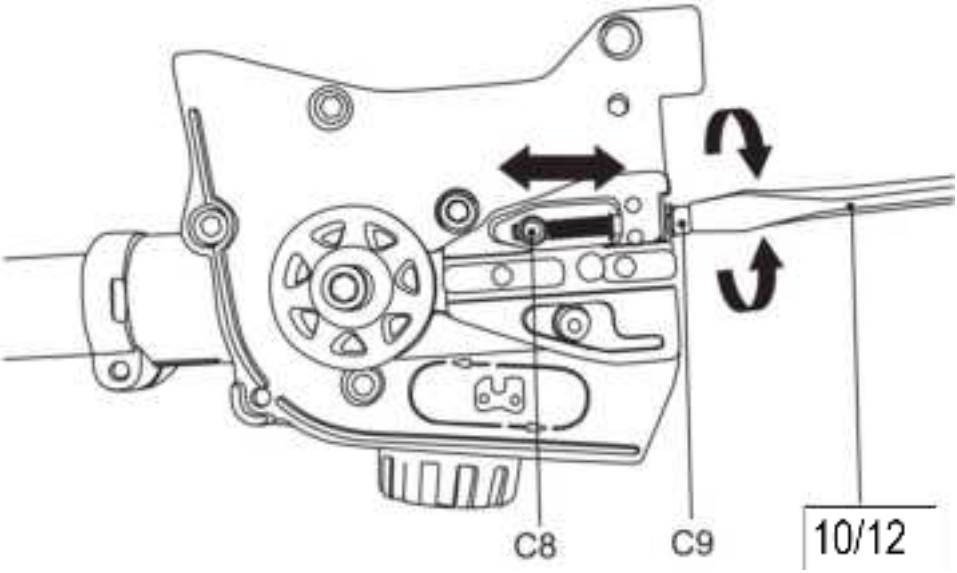
4) Spread the saw chain (5) out with the cutting edges of the chain pointing in the direction of rotation.
Slide the saw chain (5) into the groove around the guide bar (4). Ensure saw chain

(5) is installed in correct direction of rotation.

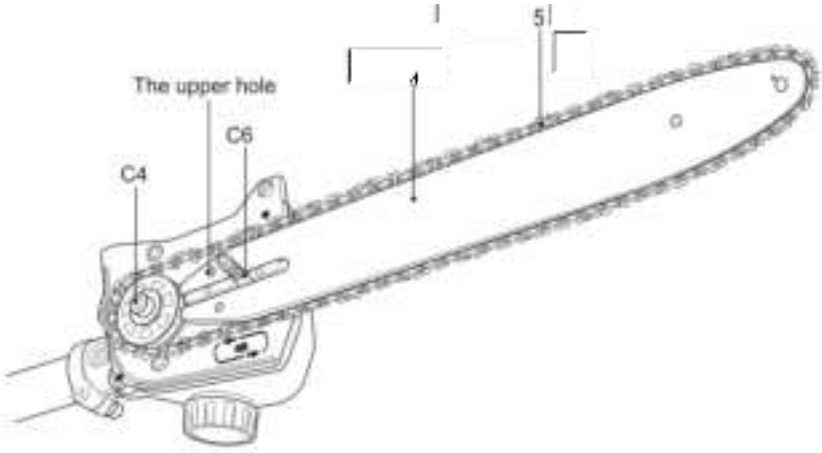


WARNING! The direction of the saw chain 'cutters' must be same as indicated by the symbol and arrow on the guide bar!

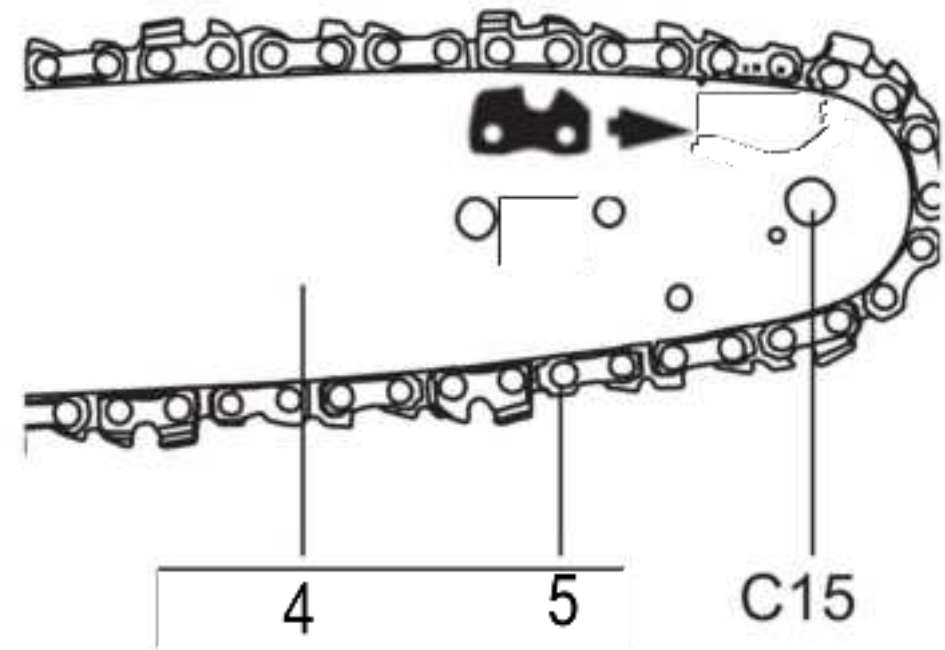
5) Use the screwdriver end of the multi tool (10) to turn the chain tension screw (C9) in a counter-clockwise direction, then the tension pin (C8) is moved towards the left. If the chain tension screw (C9) is turned in a clockwise direction, then the tension pin (C8) is moved towards the right.



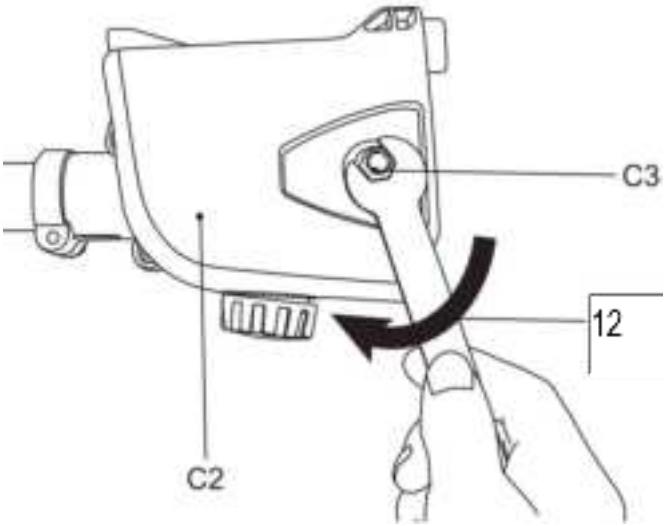
6) Align saw chain (5) and the guide bar (4) assembly with the drive sprocket (C4) and the mounting bolt (C6). Lay the saw chain (5) around the drive sprocket (C4) and then lower the guide bar (4) to install it to the mounting bolt (C6). Make sure the tension pin is inserted into the upper hole on the guide bar (4).



7) The saw chain movement is as indicated by the arrow.
Make sure the saw chain (5) is properly placed over the sprocket wheel (C15) of the guide bar (4).



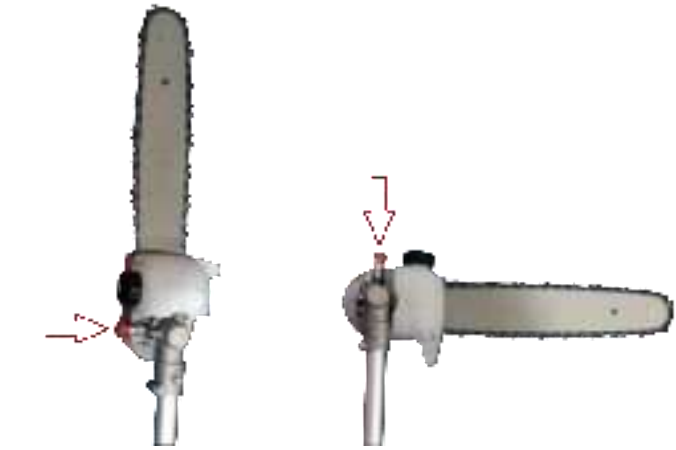
8) Refit the cover (C2), fit the rear of cover then front, ensure pin is located in position. Slightly tighten the remaining nut (C3) by using the assembly wrench (12) . Do not tighten the nuts completely as saw chain tensioning is required first.



NOTE: The saw chain (5) has not yet been tensioned. Tension the chain as described under "Saw chain tensioning". After operating the product for approx. 1 hour, adjust the chain tension again.

9) Adjust the angle of the guide plate.

Press the orange circular button to adjust the angle of the guide plate. (The adjustable angle is 90°.)



2.Saw chain tensioning

Always check the saw chain tension before use, after first cuts and regularly during use, approx. every five cuts. After initial operation, new chains can lengthen

considerably. This is normal during the break-in period and the interval between future adjustments will lengthen quickly.

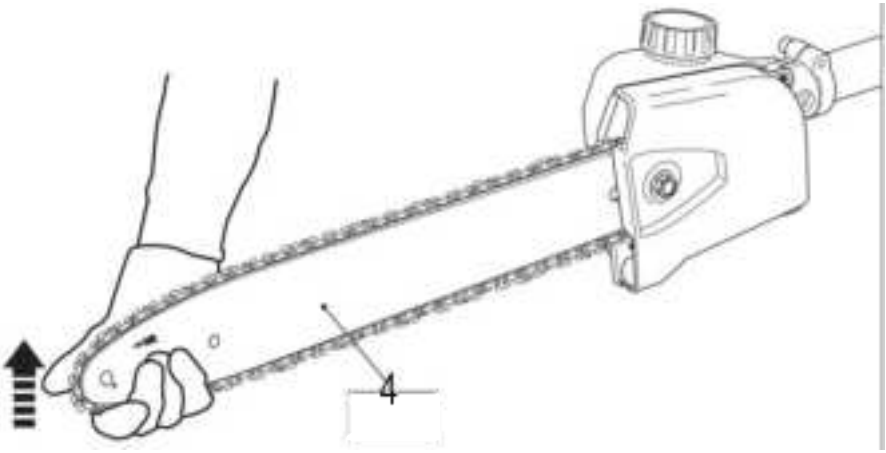
WARNING! Disconnect the spark plug connector before adjusting saw chain tension!

The cutting edges of the saw chain are sharp! Always wear protective gloves when handling chain!

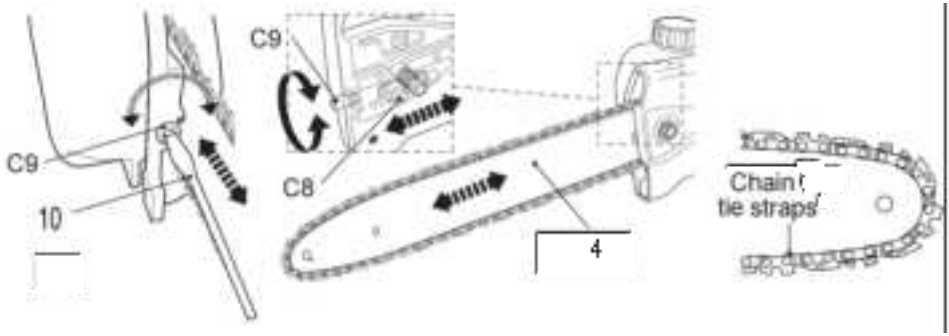
Always maintain proper chain tension! A loose chain increases the risk of kickback! A loose chain may jump out of the guide bar groove! This may injure the operator and damage the chain! A loose chain will cause rapid wear to the chain, guide bar and sprocket!

Tensioning the chain too tightly will overload the engine and cause damage, and insufficient tension can cause chain derailing, whereas a correctly tightened chain provides the best cutting characteristics and prolonged working life! The chain life mainly depends upon sufficient lubrication and correct tensioning!

1) Place the product on a suitable flat surface.
2) Lift up the tip of the guide bar (4) and keep it there as you adjust the tension.

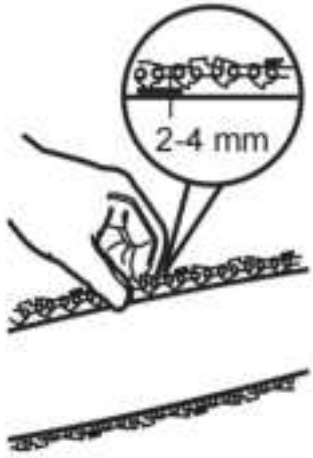


3) Screw the tension screw (C9) clockwise or counter - clockwise to adjust the tension pin (C8) / guide bar (4) until the chain ‘tie straps’ are just touching the bottom edge of the guide bar.



3.Tension test

1) Check the chain tension using one hand to lift the saw chain (5) against the weight of the product. The correct chain tension is achieved when the saw chain can be lifted by approx. 2 - 4 mm from the guide bar (4) in the centre.



2) Adjust the tension if you find that the chain saw is too loose or tight.
3) Pull the saw chain (5) along the top of the guide bar (4) by hand from one end to the other, several times. The chain should feel tight but still move freely.

4.Chain lubrication

WARNING! The product is not filled with oil. It is essential to fill the product with oil before using it! Never operate the product without chain oil or with an empty oil tank, as this will result in extensive damage to the product!

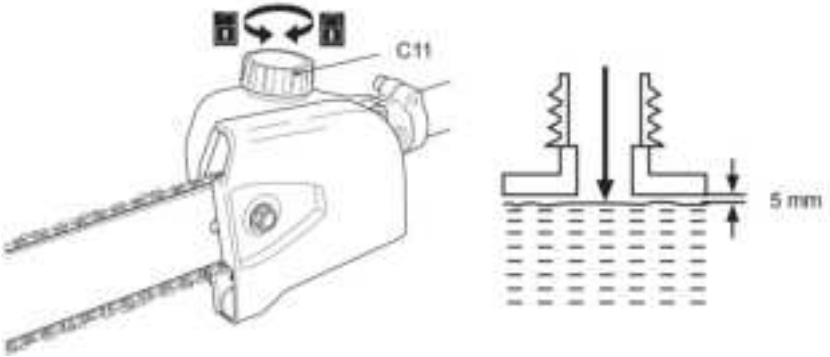
Never operate the bar and chain without lubrication oil! Operating the product dry or with too little oil will decrease cutting efficiency, shorten the product life span and cause rapid wear to the chain and bar from overheating! Insufficient oil is evident by smoke or bar discoloration! Adequate lubrication of the saw chain during cutting operations is essential to minimize friction with the guide bar. Your product is equipped with an automatic oiling system! The oiling system automatically delivers the proper amount of oil to the bar and chain!

1) Place the product on a stable, level surface with oil tank cap (C11) facing upward. We recommend laying a non-flammable sheet under the product.
2) Unscrew and remove the oil tank cap (C11) , then add suitable lubricant into the tank. We recommend using environmentally-friendly chain oil specifically intended to be used with this product.

NOTE: Use a proper oil funnel with a filter to prevent debris entering the tank and to avoid splitting and overfilling the tank.

Use motor oil SAE#10W-30 all year round or SAE#30 in summer and SAE#10 in winter, or if the trees have excessive sap.

3) Do not overfill and leave approx. 5 mm of space to the lower edge to allow the lubricant to expand.



4) Wipe up spilled lubricant with a soft cloth and refit the oil tank cap (C11).

NOTE: Always dispose of lubricant, used oil and objects contaminated with them in accordance with local regulations.

5) Check the oil level prior to start-up and regularly during operation

5.Checking

NOTE: Perform the following test before operating your product.
This product is equipped with an automatic oiling system.

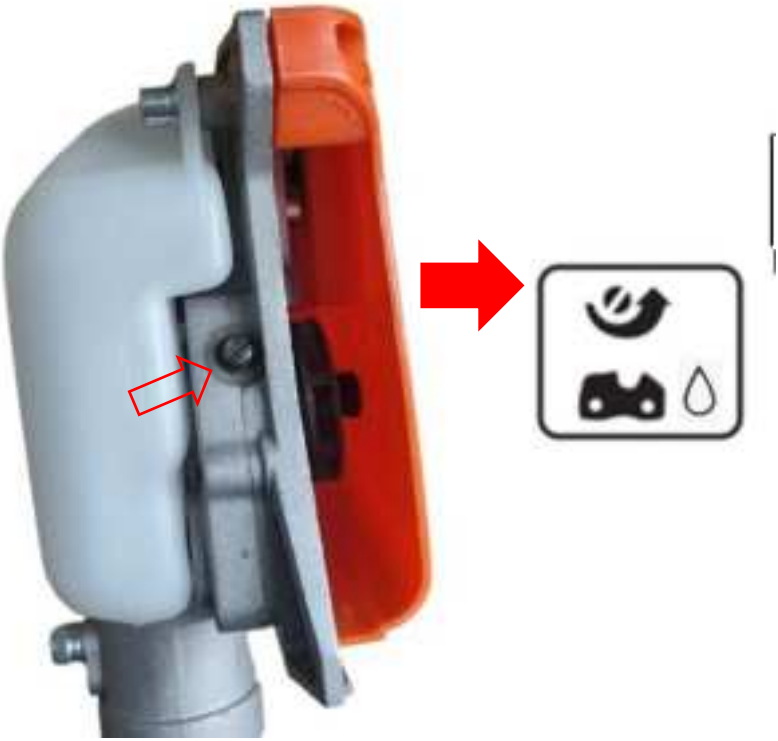
The oiling system automatically delivers the proper amount of oil to the bar and chain.
Checking the lubrication requires starting the product. Before checking, the product must be fully assembled and all instructions must have been read.

1) Check the chain lubrication before each use.

2) Make sure the guide bar (4) and the saw chain (5) are in place when you check the oil delivery.

3) Start the engine; keep it running and check if the chain oil is delivered as shown in the figure.

4) Turn the adjustment screw (C7) of the oiler on the bottom of the product to adjust the chain oil flow with the multi tool (10).



Safety Operation

This machine is designed especially for cutting branches.
Never use this machine for any other purposes. Never try to cut stones, metals, plastics or any other hard objects.
Using for other purposes than cutting branches may damage the machine or cause serious injury.

Preparations

● Wear suitable protective clothing and equipment - see section "safety Precautions".
● Choose the best work position for safety against the falling object (Branch etc).
● Start the engine.
● Put on the strap.

Never stand directly underneath the branch you are cutting - be wary of falling branches. Note that a branch may spring back at you after it hits the ground.

Cutting sequence

To allow branches a free fall, always cut the lower branches first. Prune heavy branches (large diameter) in several controllable pieces.

Working position

Hold the control handle with your right hand, and the shaft with your left hand. Your left arm should be extended to the most comfortable position.
The shaft should always be held at an angle of 60° or less.

Typical applications

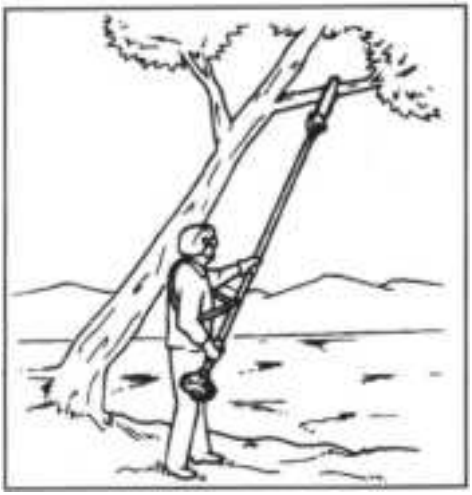
Standard cut:

The most convenient working position is a tool angel of 60°, but any other angle may be used to suit the situation concerned.

Cutting above obstacles:

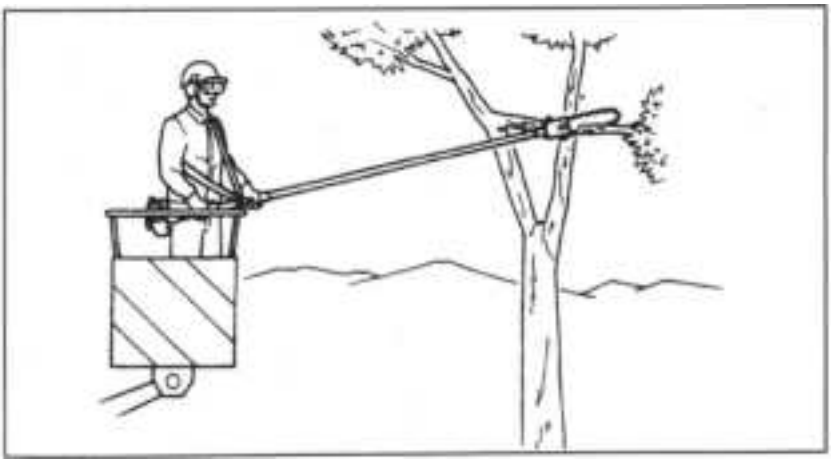
Thanks to the unit's long reach it is possible to prune branches that are overhanging obstacles, such as rivers or lakes.

The tool angle in this case depends on the position of the branch.



Cutting on a work platform:

The unit's long reach enables cutting to be performed next to the trunk without the risk of the work platform damaging other branches. The tool angle in this case depends on the position of the branch.

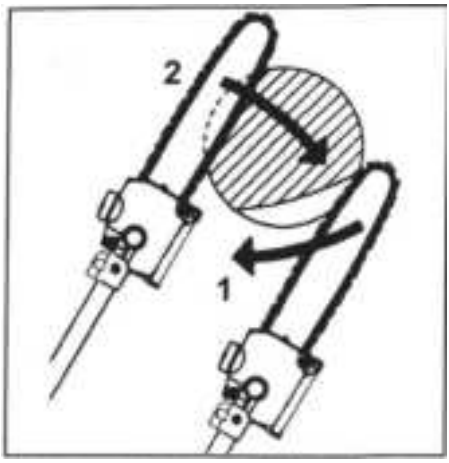


Working techniques

Relieving cut:

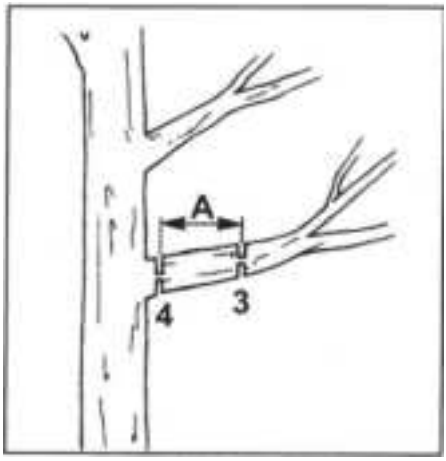
To avoid tearing the bark, kickback or pinching the bar when pruning thick branches, always start by performing a relieving cut (1) on the underside of the branch.

To do this, apply the cutting attachment and pull it across the bottom of the branch as far as the bar nose. Perform the cross-cut (2).



Flush-cutting thick branches:

If branch diameter is more than 10 cm (4"), first perform undercut (3) and cross-cut at a distance (A) of about 25cm (10") from the final cut. Then carry out the flush-cut (4), starting with a relieving cut and finishing with a cross-cut.



Spare parts/Replacement parts

The following parts of this product may be replaced by the consumer.

Spare parts are available at an authorised dealer or through our customer service.

Model/Article	**4300**
Maximum power (kW)	1.25
Engine displacement (cm^3)	42.7
Tank volume for automatic chain lubrication (ml)	150
Fuel tank volume (ml)	850
Bar length (cm)	10in/ 25cm
Chain pitch (inch)	3/8
The number of chain links	39
Engine type	2-stroke, air cooled
Type of fuel	gasoline mixture (regular gasoline) and oil for 2-stroke, air cooled