

VICTA

Reproduction

Hedge Trimmer Assembly and Owner's Manual



WARNING! Read this manual before operating your chainsaw



IMPORTANT INFORMATION

Thank you for purchasing your VICTA chainsaw. VICTA prides itself in the quality and performance of all its products. This instruction manual will aid in the assembly, safe operation and maintenance of your chainsaw.

Please read the following warnings to ensure safety and the long life of your product.

SAFETY MARKINGS AND SYMBOLS



Warning!



Be careful of objects being thrown out!



Read the directions for use before operating the machine.



Read the manual before carrying out any maintenance work.



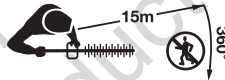
Wear safety goggles, a helmet and ear protection.



Wear sturdy, nonslip footwear.



Wear safety gloves.



All bystanders must be kept at least 15m from the machine.



Protect the machine from rain and damp.



Always keep hands and feet away from cutting blades.

- Read the instructions carefully. Ensure you are familiar with all controls and learn how to operate the machine properly.
- Stay alert and watch what you are doing when operating a power tool. Do not operate the hedge trimmer under the influence of alcohol, drugs or medication or when you are tired or sick.
- Do not operate the hedge trimmer for any other purpose except that for which it is intended.
- While hedge trimmer is running, always keep hands and feet away from cutting blades.
- Keep away from any bystanders or animals when in use.
- Use only manufacturer's genuine recommended replacement parts and accessories.



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QUICKSTART

Quick Start Guide



Check the position & operation of controls to ensure you are comfortable before you start using the machine. Triggers, starter cord and grip position should provide smooth operation, balance and comfort before starting the machine.



Check that all screws are securely fastened and also check all the safety devices.

Check the machine for the following each time before use:

- That there are no leaks in the fuel system
- That the cutting unit and all safety devices are in perfect condition
- That all screws are securely fastened
- That blades and gear box have adequate lubrication

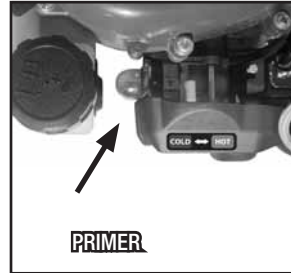
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Quick Start Guide

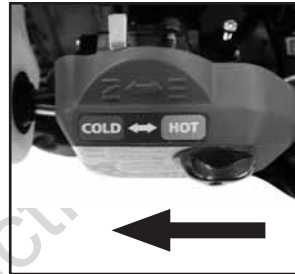
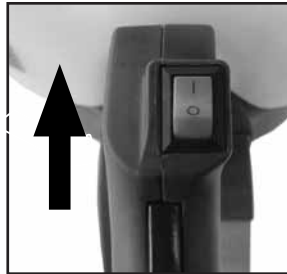
1 – Get ready...

- Place the hedge trimmer on a hard, level surface and remove blade cover
- Press the PRIMER 10 times.



2 – Set

- Set STOP switch to the "ON" position (I)
- Set the choke lever to "COLD" position



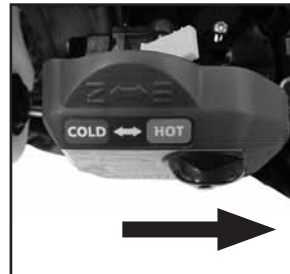
3 – Go!

- Pull the starter cord until you feel it resist. Then tug sharply on the starter cord 2 or 3 times.

** The engine may start or run for a short period, set on cold. Choke can be set to hot while the engine is running.*

- Now, set the choke lever to the "HOT" position.
- Tug sharply on the starter cord as before. 2 or 3 pulls should start your trimmer.

*** In cold conditions, the engine may require 5-10 seconds running at idle. Pulling the trigger during warm-up may help starting.*



NOTE: IF STARTING IS A PROBLEM GO TO PAGE (10-11) FOR A MORE DETAILED VERSION OF THE STARTING PROCEDURE



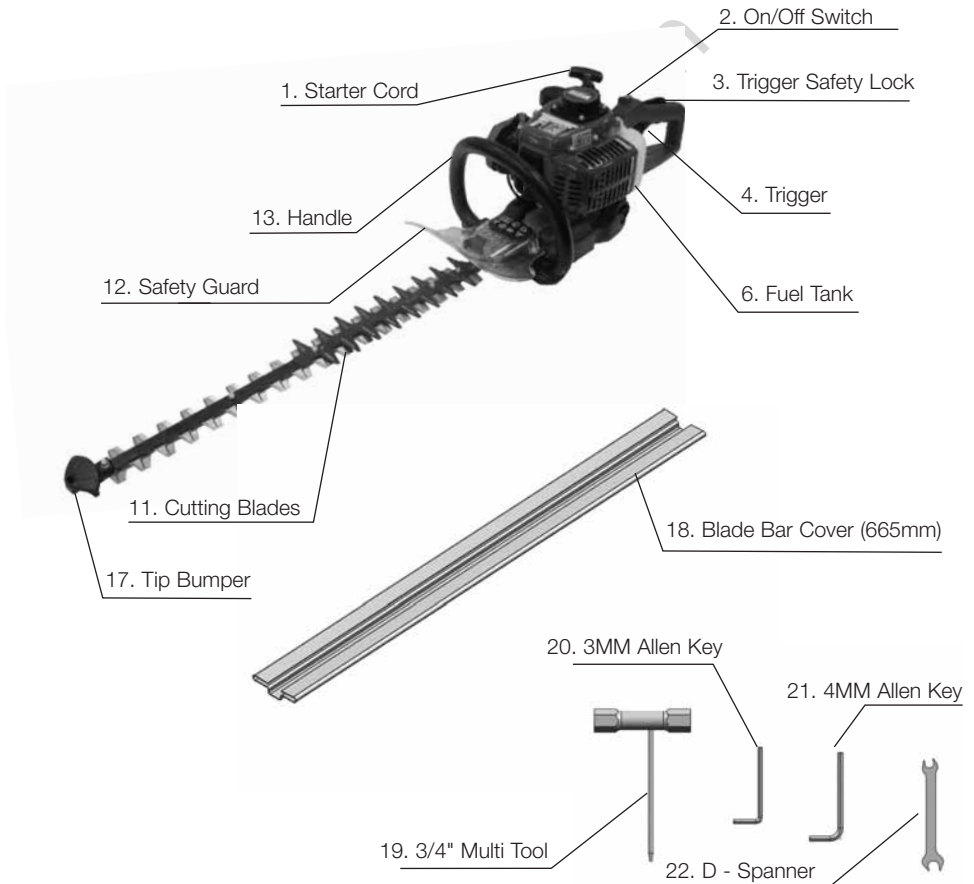
CAUTION! ENSURE FEET, LEGS & HANDS ARE ALWAYS BEHIND THE POWER HEAD (AWAY FROM BLADES)



FEATURES

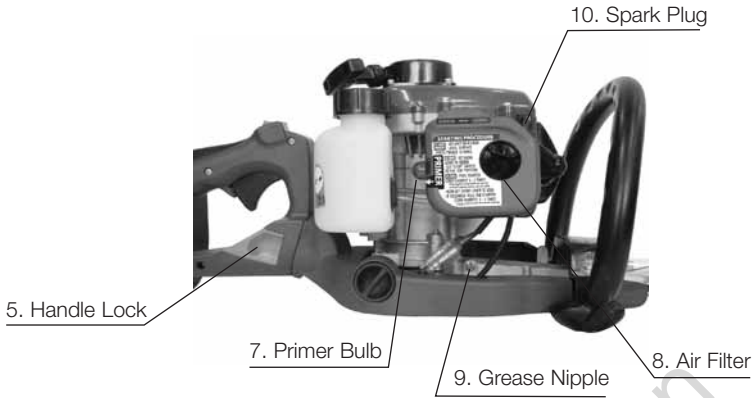
Hedge Trimmer

1. Starter cord
2. On/Off switch
3. Trigger safety lock
4. Trigger
5. Handle lock
6. Fuel tank
7. Primer bulb
8. Air filter
9. Grease nipple
10. Spark plug
11. Cutting blades
12. Safety guard
13. Handle
14. Gear box
15. Chassis
16. Rear handle
17. Tip Bumper
18. Blade Bar Cover (665mm)
19. 3/4" Multi Tool
20. 3mm Allen Key
21. 4mm Allen Key
22. D-Spanner





Hedge Trimmer





SAFETY & HANDLING

Safety Instructions

Transporting the hedge trimmer

- When transporting or storing the hedge trimmer, always fit the blade transport guard. Proper handling of the hedge trimmer will reduce the risk of personal injury from the cutter blades.

Before using the hedge trimmer

- **The operation of any power tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before using the hedge trimmer, always wear goggles or safety glasses with side shield and a full-face shield when needed. Always wear nonslip safety shoes, ear muffs and a dust mask when required.**
- Do not start the hedge trimmer until you have studied the instruction manual.
- Know the hedge trimmer controls and learn how to stop operating the unit quickly in an emergency by releasing the **"ON - STOP"** switch.
- Before using the hedge trimmer ensure the cutting blade assembly is not worn or damaged.
- Ensure all screws and fasteners are tightened before use.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, nonskid safety shoes, hard hat and or hearing protection used for appropriate conditions will reduce the risk of personal injuries.

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Safety Instructions

Operating the hedge trimmer

- Keep all body parts away from the cutting blades. Do not remove cut material or hold material to be cut when the blades are moving. Make sure the unit is OFF when clearing jammed material.
Note: A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- Keep your work area clean and well lit.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools can create sparks which may ignite the dust or fumes.
- Keep children and bystanders away when operating the power tool. Ensure there is a minimum distance of 15 metres.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- Operate only in daylight or good artificial light.
- Keep hands away from moving parts when the hedge trimmer is running.
- Walk with the hedge trimmer. Never run.
- To maintain full control of the hedge trimmer, keep a proper footing at all times with your weight evenly balanced over both feet and never over reach.
- Always keep the handle dry and free from oil and grease.
- Always stop the hedge trimmer if the following conditions apply;
 - if the hedge trimmer begins to vibrate abnormally or if it strikes a foreign object, STOP the operation and inspect the blade and guard for any damage.
 - before clearing any blockage.
 - before checking, cleaning or working on the unit.
 - whenever leaving the hedge trimmer unattended.
 - if the unit becomes jammed.
 - if the unit becomes excessively hot.
- Do not force the hedge trimmer. Always use the correct tool for your application.
- Do not use the hedge trimmer if the switch does not turn it ON and OFF.
- Store power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- Hedge trimmers are not intended for use by children.



SAFETY & HANDLING

Safety instructions

Maintaining the hedge trimmer

- Periodically check the hedge trimmer for misalignment, binding of moving parts, breakage of parts and any other condition that may affect the hedge trimmer operation. If damaged, have the unit repaired before use.
- Keep cutting tools sharp and clean. (Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control).
- Store the hedge trimmer in a well ventilated area, away from any naked flames such as those found in gas hot water heaters.
- VICTA recommends that all maintenance, repair and inspection work be carried out by a VICTA Authorised Service Centre.
- Always lubricate the blades before and after each use.
- Apply grease to the gearbox as necessary (Recommended every 20 hours of operation).
- Check all fasteners before and after each use.

The following safety precautions must be strictly observed to avoid the risk of damage or personal injury.



Do not start or operate the unit inside a closed room or building. Breathing exhaust fumes can kill.



Be careful when operating the unit on slippery ground or overgrown terrain. Be attentive for concealed hazards, such as ditches, tree stumps and roots.



Maintain solid footing and balance while operating the unit. Cut only on ground level.



Do not touch the cutting blades in motion. When handling blades for assembly or maintenance tasks, always wear protective gloves.



Bystanders must be at least 15 metres away during operation of the unit as rocks and other materials may be thrown at high velocities. Switch the unit off immediately if approached.



Keep body away from hot muffler parts.



Hazards

NOTE: The following safety precautions must be strictly observed to avoid the risk of damage or personal injury.

- Check all fasteners regularly. Always ensure that the hedge trimmer is in a safe operating condition.
- Bystanders must be at least 15 metres away during operation of the hedge trimmer as rocks and other materials may be thrown at high velocities.
- Never try to clear debris from the hedge trimmer while the unit is in operation.
- Never use the hedge trimmer unless the guards supplied by VICTA are fitted correctly and in good order.



CAUTION! DO NOT TOUCH CUTTING BLADES & MOVING PARTS WHEN IN USE OR AFTER STOPPING!

• SAFE - ZONE

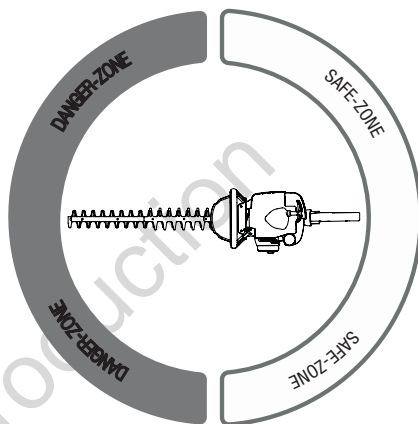
Operator Position - Only operate hedge trimmer in this position.

• DANGER - ZONE



DO NOT OPERATE ANY FUNCTION IN THIS POSITION!

Hedge trimmer must not be used when the operator or any person is in this position. Keep hands away from blades at all times.



Personal Safety Equipment

Recommended safety equipment to wear when working with your Hedge Trimmer!



Ear muffs



Eye protection



Safety boots



Safety Gloves

NOTE: We recommend gloves are to be worn when any maintenance is performed!



CAUTION! THE BLADE CONTINUES TO ROTATE FOR A FEW SECONDS AFTER THE HEDGE TRIMMER IS SWITCHED OFF!



OPERATING INSTRUCTIONS

Before Starting Machine



Check the position & operation of controls to ensure you are comfortable before you start using the machine. Triggers, starter cord and grip position should provide smooth operation, balance and comfort before starting the machine.



Check that all screws are securely fastened and also check all the safety devices.

Check the machine for the following each time before use:

- That there are no leaks in the fuel system
- That the cutting unit and all safety devices are in perfect condition
- That all screws are securely fastened
- VICTA recommends blades to be lubricated with anti rust oil before and after every use. Refer to maintenance chart on page (19) for details.

Fuel and Oil

Recommended fuels

- Use only a mixture of normal unleaded petrol and 2-stroke engine oil. Mix the fuel mixture as indicated on the fuel mixing table.
- Start the machine at least 3m away from the refuelling site to avoid the possible risk of fire.
- Do not smoke whilst refuelling or working with the machine.
- Do not use the blower near inflammable liquids or gases. This could result in an explosion and/or fire.
- Pour the correct quantities of petrol and 2-stroke oil into a container. Then shake the container well.
- Add 450ml of fuel/oil mix into the fuel tank and secure cap.

NOTE: Product may need to be reprimed if it has run out of fuel.



- **Victa recommends the use of Victa Formula V 2-stroke oil at 50:1 fuel to oil ratio only.**
- **The use of other oils and or ratios will affect the engine lubrication, which may cause engine damage and void engine manufacturer's warranty.**
- **Do not use a fuel mixture which has been kept for longer than 90 days, it may damage the unit.**
- **Only use containers designed and approved for the purpose to transport and store fuel.**

Fuel Mixture Table

Petrol (unleaded)	2-stroke oil
5 litre	100 ml (Only for Victa Formula V 2-stroke Oil)
Mixing procedure: 50 parts unleaded petrol to 1 part 2-stroke oil	
USE Clean fresh "Regular Unleaded Fuel" Fuel with up to 10% ethanol can be used	



Starting Instructions-Cold Start

Starting the engine

Note: The starting procedure for every 2 Stroke Engine will vary slightly depending on your engine temperature and the ambient temperature.

The following is the recommended starting procedure for **COLD** conditions.

Cold Start

- (1) Set the machine down on a hard, level surface and remove blade cover
- (2) Press the fuel pump primer 10 times
(This is found at the side of the air filter housing)
- NOTE: Over priming will not flood the engine
- (3) Ensure the "STOP SWITCH" is set to the "ON" position (1).
- (4) Set the choke lever to the "COLD" position.
- (5) Pull out the starter cord until you feel it start to resist.

Then tug sharply on the starter cord 2 or 3 times or until the engine tries to start.

* *The engine may start or run for a short period set on cold.*

Choke can be set to hot while the engine is running.

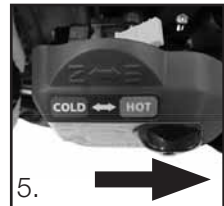
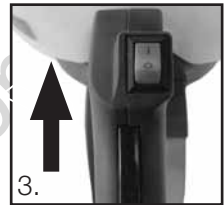
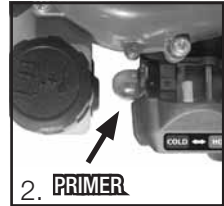
- Now, set the choke lever to the "HOT" position.
- Then tug sharply on the starter cord 2 or 3 times your hedge trimmer should start

* * *In cold conditions, the engine may require 5-10 seconds running at idle. Pulling the trigger during warm-up may help starting.*

- If the engine fails to start, repeat the process from step (2)

Never allow the starter cord to snap back. This may damage the machine.

Note: Once the engine has started, always move the choke lever to the "HOT" position if the engine slows down, move the lever back to the "COLD" position until the engine runs without the choke.





OPERATING INSTRUCTIONS

Starting Instructions-Hot Start

Starting the engine

Note: The starting procedure for every 2 Stroke Engine will vary slightly depending on your engine temperature and the ambient temperature.

The following is the recommended starting procedure for **HOT** conditions

Hot Start

(1) Set the machine down on a hard, level surface and remove blade cover

(2) Press the fuel pump primer 10 times
(This is found under the air filter housing)

NOTE: Over priming will not flood the engine

(3) Ensure the 'STOP SWITCH' is set to the 'ON' position (I).

(4) Set the choke lever to the "HOT" position.

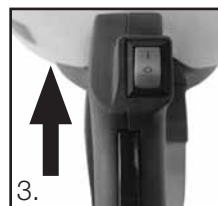
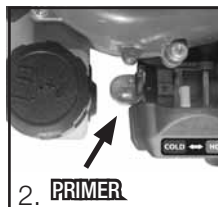
(5) Pull out the starter cord until you feel it start to resist.
Then tug sharply on the starter cord 2 or 3 times or until the engine tries to start.

- If the engine fails to start, Go to "COLD" start Procedure.

Never allow the starter cord to snap back

This may damage the machine!

Note: Once the engine has started, always move the choke lever to the "HOT" position if the engine slows down, move the choke lever back to the "COLD" position until the engine runs without the choke.



If the engine does not start up after several attempts, read the section on trouble shooting.



Always pull the starter out in a straight line.

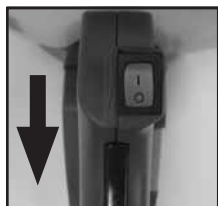
IF THIS IS NOT FOLLOWED, STARTER CORD WILL BE FRAYED AND CORD WILL BREAK!

This is not covered by the product Warranty.

Switching Off the Engine

Emergency Stop Procedure

- If it becomes necessary to stop the machine immediately, let go of the throttle lever and move the stop switch to the OFF position (O).





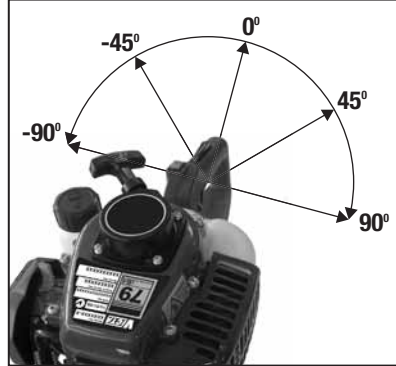
Handle adjustment

Rear handle adjustment

1. Pull the locking trigger backwards to allow adjustment of the rotary handle, as shown.



The rear handle can be rotated in steps from 90°, 45°, 0° to -45°, -90°, to get the desired position.



2. Rotate the rear handle to the desired position.
3. Release the button and make sure it re-engages. Then the handle is fixed in position.

Hedging tips

Cutting & trimming a hedge

NOTE: - Recommended cutting capacity 10 mm

- Recommended cutting on new green growth "ONLY"

- Do not cut hard, dried out branches this may cause fatal problems with the unit

- When using the hedge trimmer hold it away from yourself and stand in a secure position with your weight evenly balanced over both feet.
- When cutting, move steadily along the line of cut so that stems are fed directly into the cutting blades. The double edge cutting blade enables cutting in both directions or side to side motion.
- Cut the sides of the hedge first, then cut the top of the hedge.
- To keep the sides of the hedge flat, cutting in an upwards motion is recommended.
Note: Stems will tend to move outward when cutting from the top to the bottom, resulting in shallow patches or holes in the hedge.
- To achieve a level and flat finish, fasten a piece of string along the length of the hedge. Set the string to the required height and use as a cutting guide.

Note: Cut the hedge just above the string.



**Do not adjust handle when operating the hedge trimmer.
Ensure handle is in the desired position before starting.**



OPERATING INSTRUCTIONS

Hedging tips

Top cutting low and high

Use a wide sweeping motion with the blade tilted downwards in the direction of motion to achieve best cutting results as shown.



Side cutting and front cutting

When trimming the sides of the hedge always start at the bottom and cut in an upwards motion tapering the hedge inwards at the top as shown.



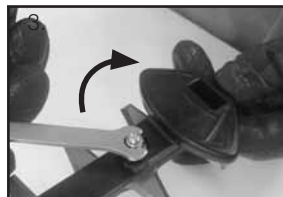
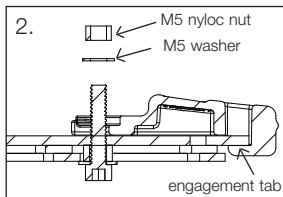
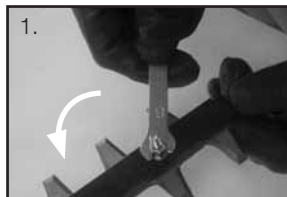
Trimming near walls and windows

When trimming the tops and sides of hedges next to walls or windows, always keep the tip bumper attached and the hedge trimmer at 90° deg to the hard surface and move right to left as shown.



Tip bumper assembly

It is recommended to install the tip bumper when using the hedge trimmer near windows.



1. Remove the M5 nyloc nut from the front screw on the set of blades.
2. Slide the tip bumper onto the spine and ensure engagement tab is located correctly.
3. Add M5 washer (supplied with tip bumper) and tighten M5 nyloc nut clockwise to secure tip bumper.
4. Confirm tip bumper is correctly assembled before use.
5. Disassemble in reverse order.

NOTE: Recommended only using tip bumper when using hedge trimmer against windows or property to avoid damage.



General maintenance

Maintenance of the air filter

Always switch off the machine and disconnect spark plug H.T. lead before carrying out any maintenance work.



1.



2.



3.



4.

NOTE: Dirty air filters reduce the engine output by supplying too little air to the carburettor. Regular checks are therefore essential. The air filter should be checked monthly and cleaned if necessary. If the air contains a lot of dust, the air filter should be checked more frequently.

1. Remove the retaining knob from air filter cover
2. Remove the filter cover
2. Remove the filter element
4. Clean the filter element by washing in soapy water and allowing it to dry completely.
5. Soak in a mixture of 50:1 two stroke oil and squeeze off excess.
6. Assemble in reverse order.



Never clean the air filter with petrol or inflammable solvents.



Make sure Air Filter is fitted correctly, (warranty will be void if engine is damaged due to incorrect fitment)



MAINTENANCE & CARE

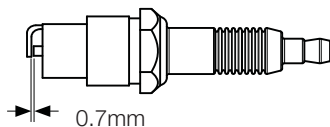
General maintenance

Maintenance of the spark plug

Champion RCJ6Y

Spark plug gap = (0.6 - 0.7 mm).

Tighten the spark plug with a torque of 15 - 22 Nm.



1.



2.

Check the spark plug for carbon deposits after 10 hours of operation and if necessary clean. Thereafter service the spark plug after every 25 hours of operation.

1. Pull off the spark plug boot by twisting side to side gently.
2. Remove the spark plug with the supplied spark plug tube spanner.
3. Assemble in reverse order.

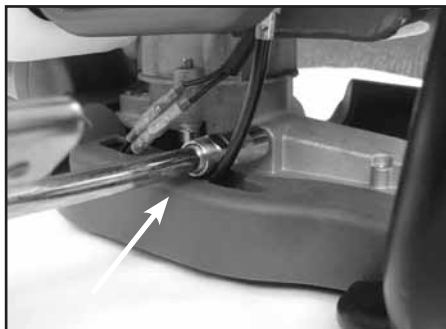
General maintenance

Gear box re-greasing

NOTE: Gear box should be re-greased every 20 hours of use.



1. Locate grease nipple, under air filter.



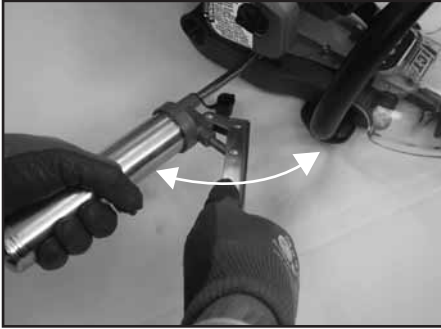
2. Attach grease gun as shown.



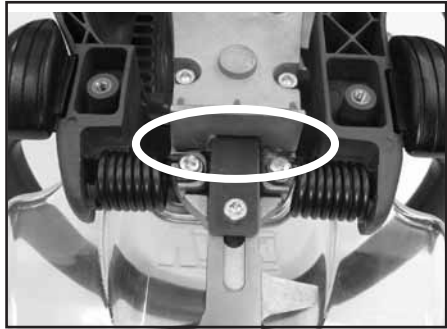
NOTE: Grease gun NOT INCLUDED.



General maintenance



3. Operate as shown.



4. Add approximately 80g of high temperature, lithium based grease. If grease over flows from blade seal area, STOP! Enough grease has been added.

Blade Retainer

NOTE: The Blade retainers need to be checked and tightened before every use!



1. Allen key and open end spanner.



2. Place the allen key into the screw on bottom of the trimmer blade and locate the spanner onto the nut and tighten until firm.

General maintenance



CAUTION! Blades can cause serious injury. Always wear gloves during maintenance.

NOTE: To ensure long and reliable service, regularly carry out the following maintenance!

- Check for obvious defects such as loose, dislodged or damaged blade, loose fixings and worn or damaged components.
- If the hedge trimmer should happen to fail despite the care taken in manufacturing and testing, repair should be carried out by an authorized VICTA service centre.

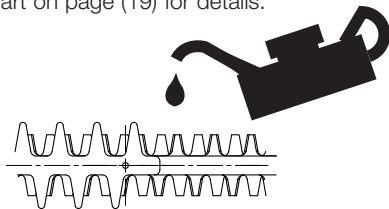


MAINTENANCE & CARE

General maintenance

Blade Maintenance

- Never clean cutting blades in water as there is a risk of personal injury and damage to the blades.
- Wear gloves when handling or cleaning the cutting blades.
- To obtain good cutting results, always make sure the blades are sharp and clean them from time to time with a soft brush and cloth to remove build up.
- VICTA recommends blades to be lubricated with an anti rust oil before and after every use. Refer to maintenance chart on page (19) for details.



- During extended periods of operation, lubrication should be applied to the cutting blades.
- Visually check the condition of the cutting blade edges and check the tightness of the blade bolts.
- Always ensure the blade is covered with the supplied blade guard when not in use.

For Your Safety

- Before using the hedge trimmer check blades and bolts for damage or wear.
- If you strike an obstruction stop the hedge trimmer and check the blade for damage.

Use only genuine replacement parts made and guaranteed by VICTA. Insist on them from your parts and service dealer.

NOTE: HAVE YOUR HEDGE TRIMMER SERVICED AT A VICTA APPROVED SERVICE CENTRE USING ONLY IDENTICAL REPLACEMENT PARTS.

This will ensure that the safety of the hedge trimmer is maintained.

Cleaning & storage

- Carry out all the maintenance work.
- Drain the fuel out of the tank.
- When the fuel has been drained, start the engine.
- Allow the engine to run at idling speed until it stops. This will clean the remainder of the fuel out of the carburettor.
- Allow machine to cool.
- Clean the exterior of the hedge trimmer thoroughly using a soft brush and cloth.

Note: Do not use water, solvents or polishes.

- Always lubricate the cutting blade with a protective anti rust oil spray before storage.
- Always cover cutting blade with the supplied blade guard when not in use.
- Store the hedge trimmer in a dry secure place out of reach of children.
- Do not place any other objects on top of the hedge trimmer.
- Use only genuine replacement parts made and guaranteed by VICTA.

Insist on them from your parts and service dealer.

NOTE: Use of non-genuine blades may void your warranty and could result in damage or injury



Maintenance Chart

Refer to the following table for routine maintenance.

Features	Requirements	Before use	After finish	Refuelling	Monthly	Yearly	If damaged	As required
Trimmer	Visual inspection (leaks)	●		●				
Throttle lever	Check operation	●						
Throttle trigger interlock	Check	●						
Stop switch	Check	●						
Fuel tank	Clean		●					
Cutting Head Assy	Check & clean		●					●
Gearbox	Grease (Every 20 hours)							●
Air filter	Check				●			
	Clean				●			●
	Replace (Depending on conditions)						●	●
Cowling	Clean		●					
Cylinder fins	Clean							●
Spark plug	Clean & readjust gap					●		●
All accessible fasteners	Retighten (blade bolts 4-5 Nm)	●						●
Muffler	Inspect	●			●			
	Inspect spark arresting screen					●		●
	Clean or replace						●	●



Always stop the engine before any maintenance is done on the unit. When all parts have stopped rotating, remove the spark plug lead to begin maintenance work.



Never repair cutting attachments by welding, straightening or changing the shape. This may result in serious injury.



Never attempt maintenance that is not outlined in this manual. All repair work must be carried out by a Authorised Service Centre.



MAINTENANCE & CARE

Troubleshooting

The following chart lists problem symptoms causes and corrective actions if your hedge trimmer does not operate properly. If these do not identify and correct the problem contact your local VICTA service centre.

Problem	Possible cause	Remedy
Engine will not start		
Spark plug (no spark)	Electrode is wet or fouled	Dry spark plug or replace
	Carbon deposit on electrode	Clean spark plug or replace
	Cracked insulator	Replace spark plug
Ignition system (no spark)	STOP SWITCH in OFF position	Switch to ON
	Too small or large electrode gap	Adjust gap to 0.6 - 0.7mm
	Burned electrode	Replace spark plug
	Coil burned out, coil insulation failure	Contact Service Centre or replace
Engine won't start - Good compression, sufficient fuel (with spark)	Break in coil wire, transistor burned out	Contact Service Centre or replace
	Engine flooded	Crank engine choke off to discharge fuel Wide throttle position
	Excessively thick fuel	Contact Service Centre or replace fuel
Poor compression, sufficient fuel (with spark)	Use of incorrect fuel	Drain and replace with correct fuel
	Excessive wear on cylinder, piston, rings	Contact Service Centre
	Loose spark plug	Tighten spark plug
No fuel in carburettor (with spark)	No fuel in tank	Refuel
	Loose fuel line fitting	Contact Service Centre Contact Service Centre
	Clogged fuel line	Contact Service Centre
	Plugged air vent in fuel tank	Clean vent or replace
Insufficient power		
(Blockages)	Clogged air filter	Clean or replace
	Carbon build up in muffler	Contact Service Centre
	Fuel line/passage clogged	Contact Service Centre
	Piston seizure, diaphragm inoperative	Contact Service Centre
	Water in fuel	Contact Service Centre or change fuel
(Overheating)	Excessively lean fuel mixture	Contact Service Centre
	Carbon deposits on piston	Contact Service Centre



More Details

Problem	Possible cause	Remedy
Insufficient power (cont) Engine makes knocking noise	Improper fuel mixing ratio	Replace with correct 50:1 fuel mix
	Machine is overworked	Operate properly – do not overload
	Fan cover, cylinder fins, etc. dirty	Clean and remove dirt and debris
	Cylinder overheating	Clean fins
	Use of incorrect fuel	Replace with correct fuel
Poor acceleration Fuel system clogged Air leakage Blades sticky	Fuel filter clogged	Contact Service Centre or replace
	Excessively low idle	Speed up idle/Contact Service Centre
	Excessively lean carburettor setting	Contact Service Centre
	Clogged air filter	Clean filter
	Loose carburettor	Contact Service Centre
	Loose fuel pick up tube	Insert firmly/Contact Service Centre
	Foliage build-up	Clean & lubricate (silicone)
Blade bolts too tight	Adjust tension	
Engine stops during operation Engine stops abruptly Miscellaneous	Clutch slipping	Check & replace
	Switch is bumped	Keep hands clear of switch
	Shorting of spark plug	Clean spark plug or replace
	Piston scored, ignition failure	Contact Service Centre
	Fuel tank empty	Refuel
Engine is difficult to shut off Overheating or electrical fault	Carburettor or fuel tank clogged	Contact Service Centre
	Overheated engine	Run at idle before switching off
	Overheated spark plug	Clean & adjust gap 0.6 - 0.7mm
	Defective kill switch	Contact Service Centre or replace
Unit main body Irregular vibration or blades moving with engine idling	Poor contact of ground wire	Contact Service Centre
	Loose blades	Tighten firmly
	Broken clutch spring, bent blades	Contact Service Centre
	Fast idle	Adjust idle
	Broken anti vibration dampeners	Contact Service Centre
Loose gearbox mounts	Tighten bolt securely/Contact Service Centre	

If running difficulties continue, contact your closest Authorised Service Centre.

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2198	C	PL	EZ	Revised	12/09/17
2198	B	PL	EZ	Revised	24/08/17
2198	A	PL	JM	Production	07/08/17
ECR	Rev	Own	Chk	Release	Date