

VICTA

Trimmer

Instruction Manual

MODELS

STB2224

TTB2226

TTS2226

RTS1226



Read and follow the operating instructions and safety information before using for the first time.

Specifications subject to change without notice.



IMPORTANT NOTES

Please read the following

Thank you for purchasing your VICTA trimmer. VICTA prides itself in the quality and performance of all its products.

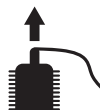
This instruction manual will aid in the assembly, safe operation and maintenance of your trimmer.

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

General safety regulations



Warning!



Always switch off the machine and pull out the spark plug boot



Read the directions for use before operating the machine.



Before carrying out any maintenance work.



Wear safety goggles, a helmet and ear protection.



Do not use rigid cutting disk.



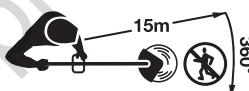
Wear sturdy, non-slip safety boots.



Do not use solid saw edged blades.



Wear safety gloves.



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



Protect the machine from rain and damp.



Tool continues to run some seconds after switching off motor.



Be careful of objects being thrown out!



CAUTION: Hot machine parts. Keep your distance.

CONTENTS & SYMBOLS



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FEATURES & DEFINITIONS

Machine Layout & Supplied Items *straight shaft TTS2226*

- 1 Cast trimmer head
- 2 3mmØ Nylon line
- 3 Straight shaft guard
- 4 Lower straight shaft
- 5 Handle
- 6 Engine stop switch
- 7 Throttle lever "release"
- 8 Throttle lever
- 9 Throttle lever "lock"
- 10 Choke lever
- 11 Starter cord
- 12 Spark plug boot
- 13 Air filter housing cover
- 14 Fuel Tank (Use 2-Stroke Fuel & Oil Mix, see pg.19)
- 15 Cowling
- 16 Fuel pump "primer"
- 17 Shoulder strap
- 18 Shaft split connection
- 19 Spark plug wrench
- 20 Allen key (4mm)
- 21 Allen key (5mm)
- 22 Spanner



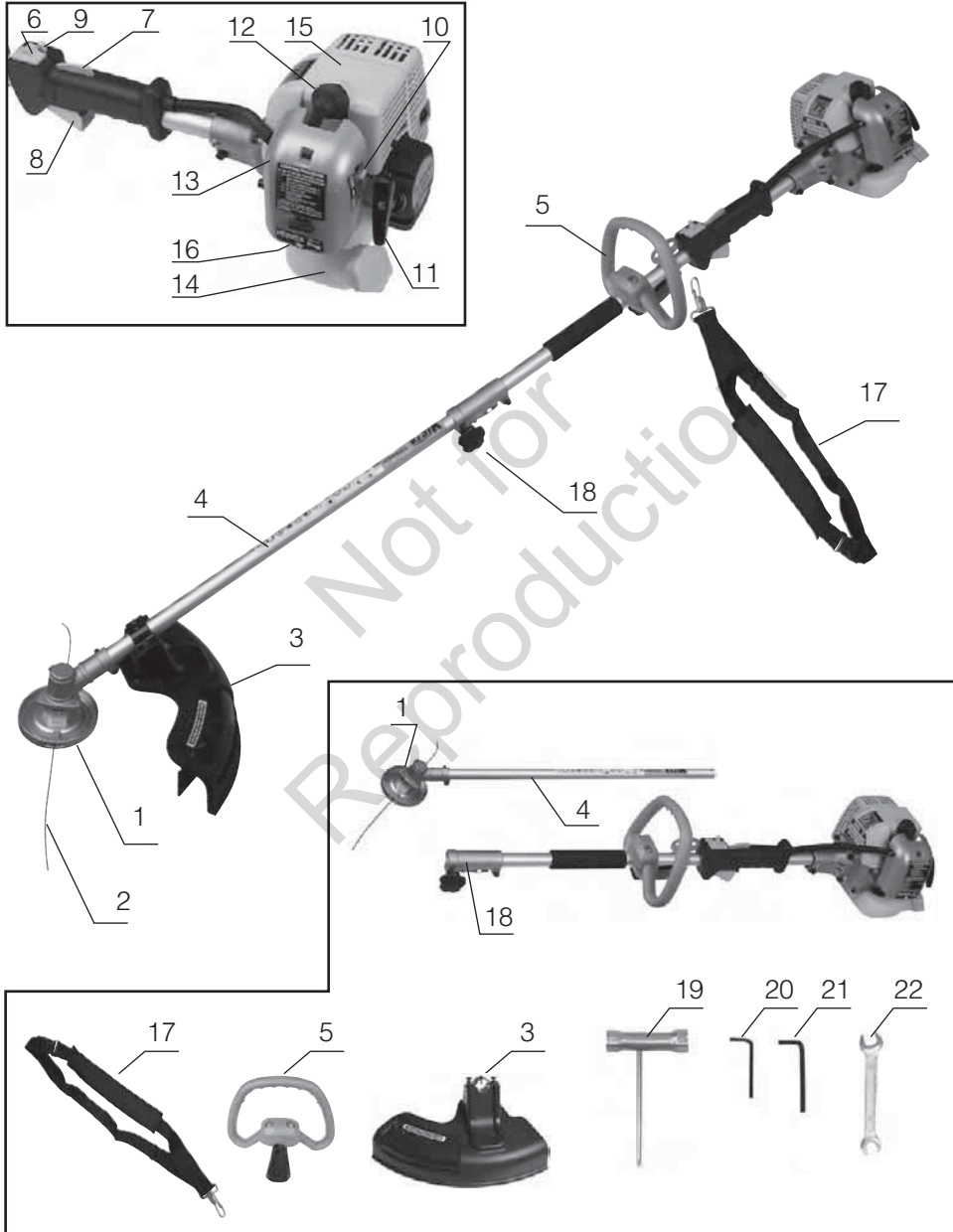
Do not operate the VICTA Trimmer before reading all Safety & Handling sections.



FEATURES & DEFINITIONS



Trimmer Parts Description straight shaft TTS2226





FEATURES & DEFINITIONS

Machine Layout & Supplied Items bent shaft TTB2226/STB2224

- 1 Cast trimmer head
- 2 3mmØ Nylon line
- 3 Bent shaft guard
- 4 Lower bent shaft
- 5 Universal handle (TTB2226) / Classic handle (STB2224)
- 6 Engine stop switch
- 7 Throttle lever "release"
- 8 Throttle lever
- 9 Throttle lever "lock"
- 10 Choke lever
- 11 Starter cord
- 12 Spark plug boot
- 13 Air filter housing cover
- 14 Fuel Tank (Use 2-Stroke Fuel & Oil Mix, see pg.19)
- 15 Cowling
- 16 Fuel pump "primer"
- 17 Shoulder strap
- 18 Shaft split connection
- 19 Spark plug wrench
- 20 Allen key (4mm)
- 21 Allen key (5mm)
- 22 Spanner



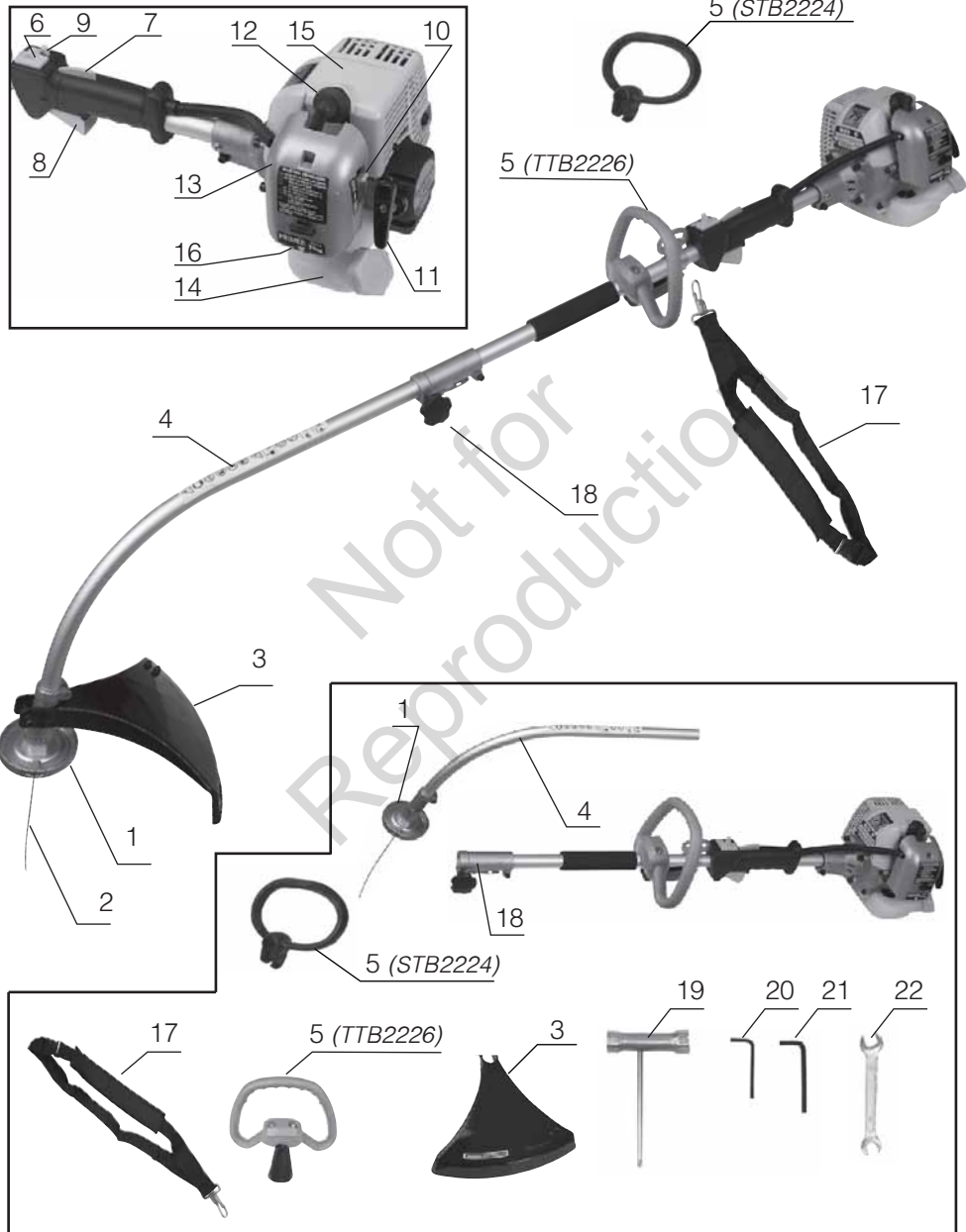
Do not operate the VICTA Trimmer before reading all Safety & Handling sections.



FEATURES & DEFINITIONS



Trimmer Parts Description bent shaft TTB2226/STB2224





FEATURES & DEFINITIONS

Machine Layout & Supplied Items *solid shaft RTS1226*

- | | |
|----|--|
| 1 | Cast trimmer head |
| 2 | 3mmØ Nylon line |
| 3 | Straight shaft guard |
| 4 | Solid straight shaft |
| 5 | Handle |
| 6 | Engine stop switch |
| 7 | Throttle lever "release" |
| 8 | Throttle lever |
| 9 | Throttle lever "lock" |
| 10 | Choke lever |
| 11 | Starter cord |
| 12 | Spark plug boot |
| 13 | Air filter housing cover |
| 14 | Fuel Tank (Use 2-Stroke Fuel & Oil Mix, see pg.19) |
| 15 | Cowling |
| 16 | Fuel pump "primer" |
| 17 | Shoulder strap |
| 18 | Spark plug wrench |
| 19 | Allen key (4mm) |
| 20 | Allen key (5mm) |
| 21 | Spanner |



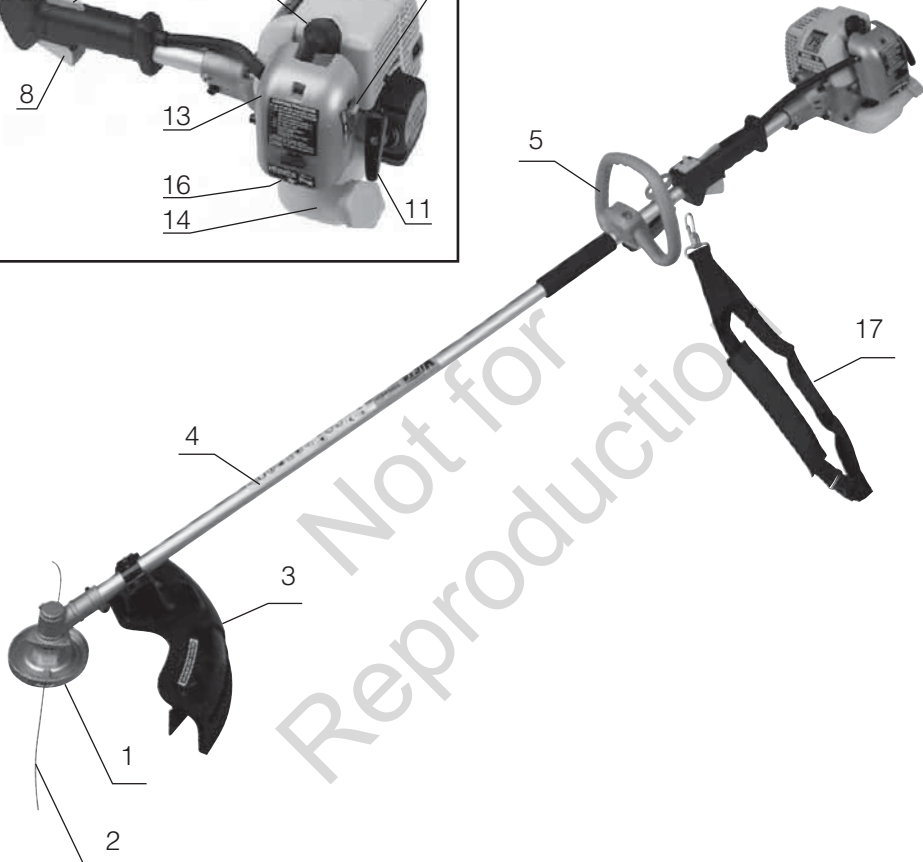
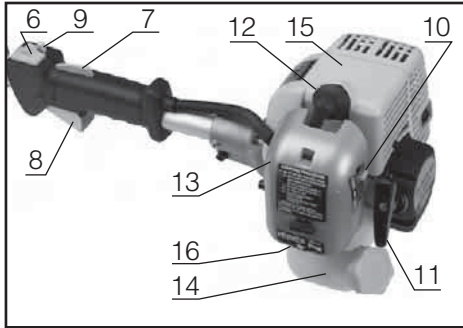
Do not operate the VICTA Trimmer before reading all Safety & Handling sections.



FEATURES & DEFINITIONS



Trimmer Parts Description solid shaft RTS1226





SAFETY & HANDLING

Safety Instructions



Do not operate the VICTA Trimmer before reading all Safety & Handling sections.

Operator Safety

- Wear the necessary safety equipment, as listed on page (12), in Personal Safety Equipment.
- Always wear heavy, long pants. Do not wear loose clothing, jewellery, short pants, sandals or go barefoot. Secure hair so it is above shoulder length.
- Do not operate the unit if you are tired, ill or under the influence of alcohol, drugs or medication.

Unit Safety

- Inspect the entire unit and cutting head before each use.
- Ensure that the guard is properly attached.
- Do not use the unit if it is running erratically. Have it serviced promptly.
- Keep handles free of oil and fuel.
- Learn how to stop the engine quickly in an emergency.
- Stop the engine when the unit is unattended, even for a moment.
- Never allow children or unauthorised persons to operate the unit.
- Do not leave the unit on dry cuttings when it is Hot, as a risk of fire is present.
- Do not cover muffler or restrict airflow to muffler.
- Do not touch the muffler or exhaust - Danger of burns.

Fuel Safety

- Use a container approved for fuel and a funnel to avoid spillage.
- Mix and pour fuel outdoors where there are no sparks or flames.
- Frequently check for fuel leaks and clean carbon from the muffler at exhaust outlet.
- Do not smoke or allow smoking near fuel, or near the unit, or while using the unit.
- Add fuel before starting the unit.
- Never remove the fuel tank cap while the engine is running or hot, allow to cool before refuelling.
- Never allow the unit to run out of fuel before refuelling.
- Move at least three metres away from the fuelling site before starting the engine.
- Wipe all traces of fuel on the unit before starting the engine.
- Change your clothes before starting the unit if fuel has been spilt on them.



Safety Instructions

Starting Safety

- Start the engine with feet well away from the cutting head.
- Ensure that the area of starting and operation is clear of sticks, stones, glass, nails, wire, string and debris, which could be thrown by the cutting head.

Cutting Safety

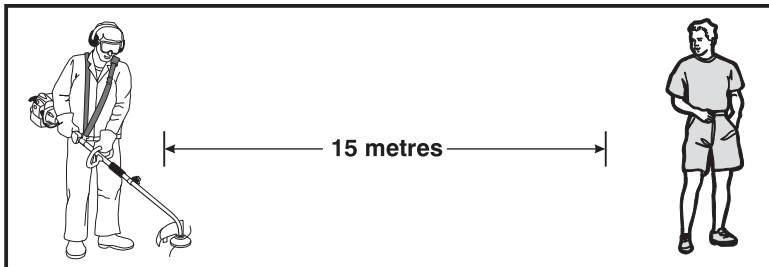
- Use only in good visibility and favourable weather conditions.
- Keep children, animals and bystanders outside the 15 metre hazard zone. Stop the engine immediately if approached.
- Keep the engine to the right of your body, holding the unit with both hands.
- Keep a firm footing and balance. Do not over reach.
- Keep the cutting head below waist level and do not raise the engine above your shoulder. The cutting head can come dangerously close to your body.
- Keep your body away from the cutting head and muffler when the unit is running.
- Do not strike objects that may cause harm or damage to the unit.

Maintenance Safety

- Stop the engine and disconnect the spark plug before clearing blockages, checking or working on the unit.
- Stop the engine, disconnect the spark plug and inspect the unit if it begins to vibrate abnormally or if it strikes a foreign object.
- Use only genuine VICTA trimmer line. Never use wire, rope, string, etc.
- Use only genuine VICTA replacement parts.

Transporting and Storage

- Hand carry the unit with the engine stopped, the muffler away from your body.
- Allow the engine to cool, empty the fuel tank and secure the unit before storing or transporting in a vehicle.
- Empty the fuel tank after each use and before storing the unit.
- Store the unit and fuel well away from sparks or open flames from water heaters, electric motors, switches or furnaces, etc.
- Store the unit out of reach of children and unauthorised persons.





SAFETY & HANDLING

Hazards

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



Prior to using the unit, clear the operating area of objects which may be thrown up by the cutting head, such as rocks, glass and other debris.



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.



Never use the unit without the guard securely in place.



Do not touch the cutting head 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 (fig 1), 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.

Personal Safety Equipment

Always use the following safety equipment when working with your trimmer:

- A safety helmet fitted with a visor or suitable eye protection.
- A set of ear muffs.
- A pair of protective gloves.
- A pair of safety boots.

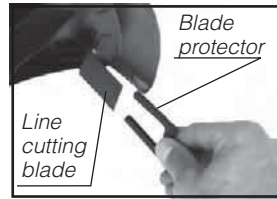




Fitting Trimmer Head

BENT SHAFT (Sabre & Tornado)

1. Replace blade protector.
2. Align hole in flange and housing.
3. Insert Allen Key (supplied) into hole in flange and housing to prevent rotation.
4. Grip the cast head and rotate **anti-clockwise** to remove.
5. Refitting is in reverse order.

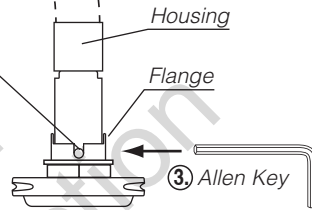


Ensure the blade on guard is covered.

- ② Align housing slot with key hole



Always disconnect spark plug H.T. lead before any work is done on the trimmer.



STRAIGHT SHAFT (Tornado Plus and Razor)

1. Replace blade protector.
2. Align hole in flange and housing.
3. Insert Allen Key (supplied) into hole in flange and housing to prevent rotation.
4. Grip the cast head and rotate **clockwise** to remove.
5. Refitting is in reverse order.

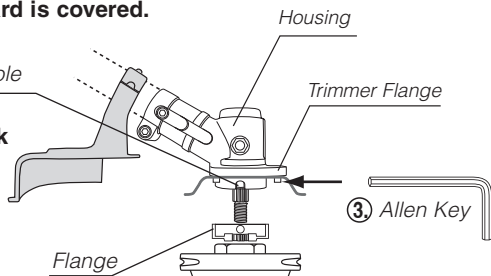


Ensure the blade on guard is covered.

- ② Align housing slot with key hole



Always disconnect spark plug H.T. lead before any work is done on the trimmer.



NOTE: Not aligning the flange to the housing hole will cause damage.

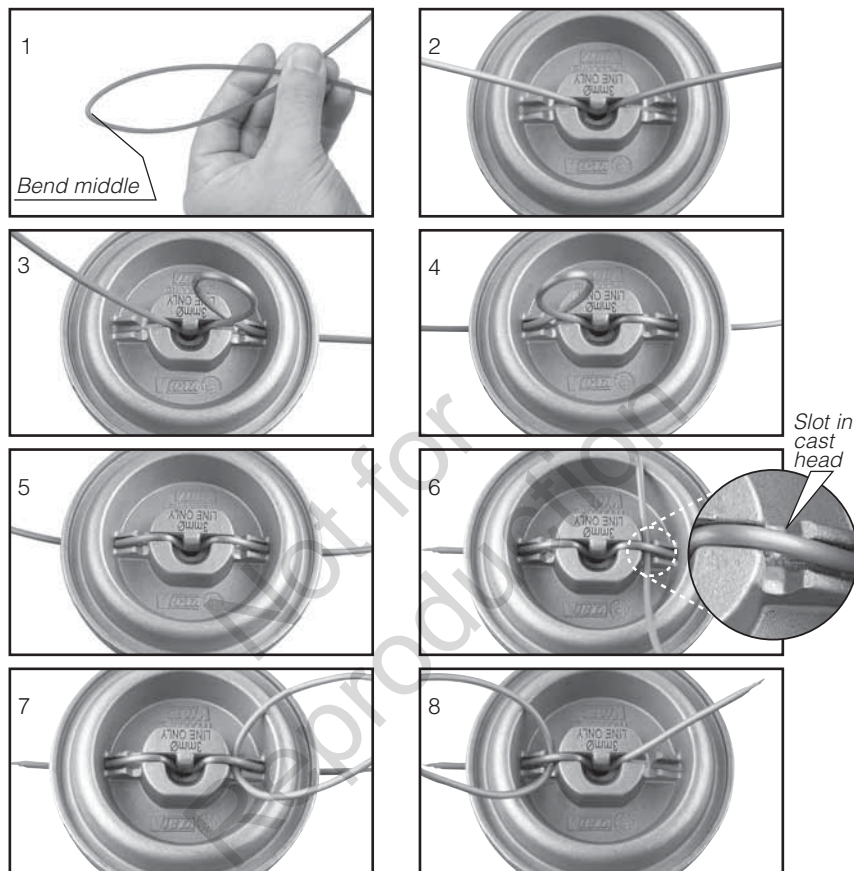


Trimmer nylon line will deteriorate with time resulting in more frequent line breakages.



ASSEMBLYPROCEDURES

Fitting Trimmer Line



- (1) Cut a length of line to 44cm, or use Victa part number TR00200A. Bend it in half (equal ends). Use only 3mm diameter Nylon line (Fig: 1)
- (2) Push the bent end of the line under the lug of the trimmer head
- (3) Push one end of the line into the hole on the same side of the head as the line end. Pull the line through the hole until loops or slack between the hole and centre lug is removed.
- (4) Repeat step 3 for opposite side. (5) Refer to image for correct complete assembly of the nylon line into the head.

Removing Trimmer Line

- (6) To remove used line, bend new line as in (1), slide new line under used line through slot in cast head.
- (7) Holding both ends of the new line together, pull the old line out of the cast head. Repeat process for the other side (8).



Fitting Trimmer Line



Only use genuine VICTA 3mm diameter nylon trimmer line.



Always trim with the correct length of nylon line.



Always ensure that all components are firmly fastened before starting any operation.



Unequal lengths will cause vibration and damage to unit.



Excessive trimmer line length will damage guard and clutch.



Replace line when 50mm from trimmer head body



Remove used line by pushing back into trimmer head or by levering out.

Not for
Reproduction



ASSEMBLYPROCEDURES

Shaft Assembly

Assembling the split shaft (Sabre, Tornado, Tornado Plus only)

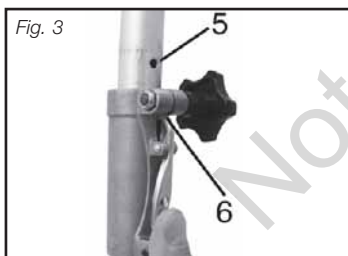
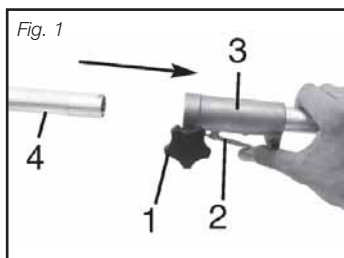
1. Slacken the star grip screw (1) on the split shaft connection. (see Fig 1)
2. Then press lever on the shaft split connection (2) and carefully slide the lower shaft (4) into the shaft split connection (3). (see Fig 1 & 2)



When doing so, take care to ensure the drive shafts on the insides of the tubes slide into each other.

(turn the trimmer head gently if required)

3. Ensure that the lever on the shaft split connection locks into the corresponding hole (5). (see Fig 3)
4. Then re tighten the star grip screw (1). (see Fig 4)
5. To dismantle, proceed in reverse order.



Take care when fitting & tightening.

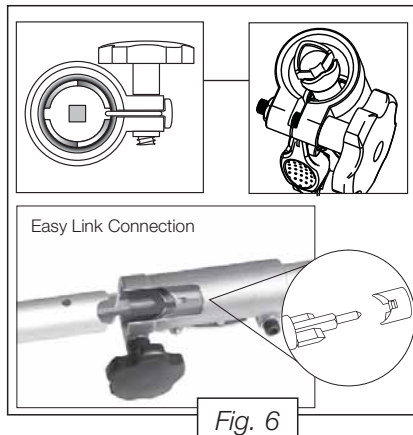
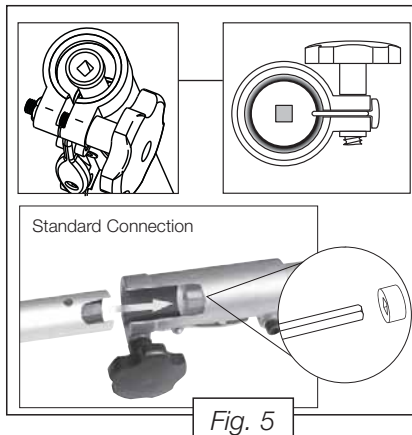
Beware of pinch points

Connection Types - Victa Trimmers have two types of split shaft connections;

1. Standard Connection (**Fig 5**) - Drive shafts may require alignment before sliding together.
2. "EASY LINK" Connection (**Fig 6**) - Drive shafts will automatically align when sliding together.

The two illustrations below will help identify which type of connection you have purchased. Please refer to this information when fitting alternative Victa Attachments.

DO NOT MIX DRIVE SHAFT CONNECTION TYPES





Classic Handle



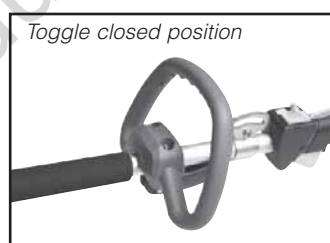
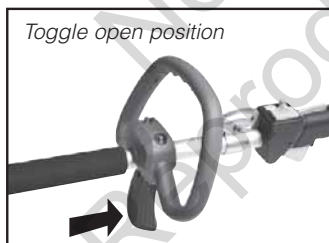
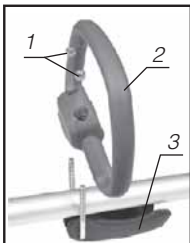
Fitting the handle

- 1 Slacken the wing nut on the fastening screw on the handle.
- 2 Remove the wing nut, washer and fastening screw from the handle.
- 3 Push the Classic handle onto the shaft.
- 4 Replace fastening screw and tighten with the wing nut.



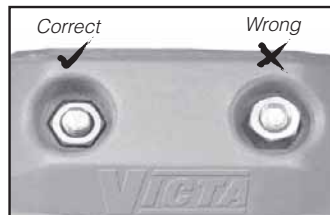
Not too loose or too tight. Over tightening may damage the unit.

Universal Handle



Fitting the handle

- (1) Components - 2 nuts, 'D' Grip Handle, Toggle handle and 'U' Bolt.
- (2) Place Universal Handle (2) over shaft.
- (3) Insert Toggle Handle (3) around shaft and into holes in Universal Handle.
- (4) Screw on nuts (1) onto threads of 'U' Bolt by fingers only, with toggle in open position.
- (5) Be sure only to thread nuts (1) down so the Toggle Handle has enough grip onto the shaft, when levered into the close position.



Not too loose or too tight. Over tightening may damage the unit.



ASSEMBLYPROCEDURES

Before Assembly



Fitting the bent shaft guard

- Slacken the fastening screw on the guard with the help of the Allen key provided and then remove.
- Then clip the guard to the lower bent shaft.
- Screw the guard hood tightly in position with the fastening screw.



Make sure the guard is located on the housing before securing in position.



Fitting the straight shaft guard

1. Remove two screws from guard (Fig 1).
2. Position guard under the securing saddle (Fig 2).
3. Secure the two screws into the guard (Fig 3).



Fitting the carrying strap

- The strap is intended to help you work safely and ergonomically with the petrol grass trimmer.
- Hook the strap into the fastening eyelet.
- Slip the strap over the shoulder.
- Set the length of the shoulder strap in such a way that the trimmer head runs parallel to the ground. In order to establish the optimum length of the strap, you should then make a few swinging movements without starting the engine.

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 & comfort before starting the machine. Check that all screws are securely fastened and also check all the safety devices.



Always use the shoulder strap when using the appliance. Switch off the engine before you take off the shoulder strap.

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

Fuel and oil

Recommended fuels

- Victa Trimmers require a mixture of petrol and oil in the fuel tank.
- 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 3 m 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 trimmer near inflammable liquids or gases. This could result in an explosion and/or fire.



Do not use a fuel mixture which has been kept for longer than 90 days, it may damage the unit.



Use Non-Victa makes of 2-stroke oil at the mixing ratio of 25:1. If inadequate lubrication causes engine damage, the manufacturer's engine warranty will be void.



Only use containers designed and approved for the purpose to transport and store fuel.

- Pour the correct quantities of petrol and 2-stroke oil into a container. Then shake the container well, before filling the trimmer fuel tank.

Fuel mixture table

Petrol (unleaded)	2-stroke oil
5 litre	200 ml (<u>Non</u> Victa Formula V 2-Stroke Oil)
Mixing procedure: 25 parts petrol to 1 part oil	
5 litre	100 ml (<u>Only</u> for Victa Formula V 2-Stroke Oil)
Mixing procedure: 50 parts petrol to 1 part oil	

USE Clean fresh "Regular Unleaded Fuel"
Fuel with up to 10% ethanol can be used - 25:1 Fuel/Oil Ratio

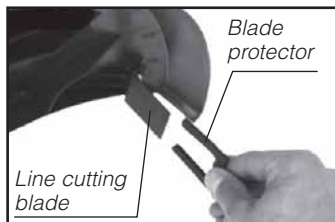


OPERATING INSTRUCTIONS

Operation

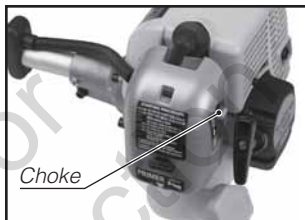


A blade on the underside of the guard hood automatically cuts the cutting line to the optimum length. This is covered by a guard. Remove the guard before you start working and replace it when you have finished working.

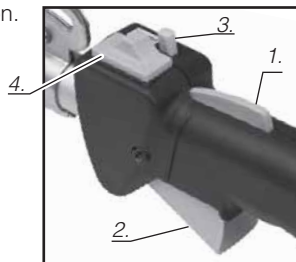


Starting the engine when cold

Fill the tank with the required amount of oil/petrol mix. See Fuel and oil.



- (1) Set the machine down on a hard, level surface.
- (2) Set the choke lever to the 'COLD' position.
- (3) Press the fuel pump (primer) 10 times (*this is found under the air filter housing*).
- (4) Ensure the 'STOP SWITCH' (4) is set to the 'ON' position.
- (5) To secure throttle lever:
 - a. Press throttle release (1)
 - b. Press throttle lever (2)
 - c. Press throttle lock (3)
 - d. Let go of the throttle release (1) & throttle lever (2).



Note: By repressing the throttle lever this will release the throttle lever from the locked position.

- (6) Hold the machine firmly and pull out the starter cord until you feel it start to resist. Then tug sharply on the starter cord 4 times. The machine should start.



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

- (7) Once the engine has started, move the choke lever immediately to the 'HOT' position and allow the machine to warm up for approx. 10 seconds.
- If the engine does not start up, repeat steps 6-7 above.



Operation



Since the throttle lever is secured, the cutting tool starts to operate when the engine is started. Release the throttle lock by simply pressing the throttle lever (the engine then returns to running in idle mode).



If the engine does not start up even after several attempts, read the section on Troubleshooting



**Always pull the starter cord 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.**

Starting the engine when warm

If the machine has not been switched off for more than 15-20 minutes

- Set the machine down on a hard, level surface.
- Move the 'STOP' SWITCH to 'ON'.
- Secure the throttle lever (in the same way as described in Starting the engine when cold).
- Hold the machine firmly and pull out the starter until you feel it start to resist. Then tug sharply on the starter. The machine should start after 1-2 tugs. If the machine still fails to start after 6 pulls, repeat steps 1-7 for starting the engine when cold.



OPERATING INSTRUCTIONS

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 'OFF'.

Practical tips

- Practice all operating techniques with the engine switched off before you start to use the machine.



DO NOT use steel wire or plastic-coated steel wire of any kind with your Trimmer. Serious operator injury can result.



Periodically remove weed wrap to prevent overheating the drive shaft. Weed wrap occurs when strands of weed become entangled around the shaft beneath the debris shield. This condition prevents the shaft from being properly cooled.

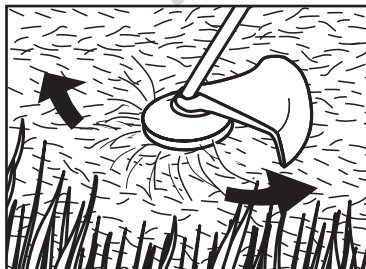
- Stop engine – Remove spark plug H.T. lead from spark plug.
- Remove Weed/Grass wrapped around Head/Shaft.

Trimming Procedures

- When properly equipped with a guard and cutting head, your unit will trim unsightly weeds and tall grass in those hard-to-reach areas – along fences, walls, foundations and around trees. It can also be used for scalping to remove vegetation down to the ground for easier preparation of a garden or to clean out a particular area.



Even with care, trimming around foundations, brick or stone walls, curves, etc. will result in above normal string wear.



Trimming / Mowing

- Swing trimmer with a sickle-like motion from side to side. Do not tilt the cutting head during the procedure. Test area to be trimmed for proper cutting height. Keep string head at same level for even depth of cut.



Trimming Procedures continued



Be aware of the trimmer head rotation.

Bent shaft = Clockwise.

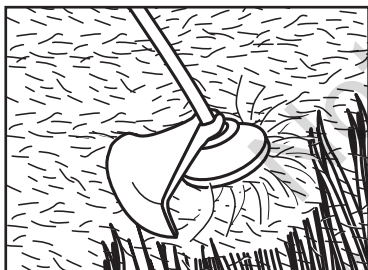
Straight shaft = Anti-Clockwise

Fence / Foundation Trimming

- Approach trimming around chain link fences, picket fences, rock walls and foundations slowly to cut close without whipping string against the barrier. If the string comes in contact with rock, brick walls, or foundations, it will break or fray. If string snags fencing, it will snap off.

Trimming Around Trees

- Trim around tree trunks with a slow approach so string does not contact bark. Walk around the tree trimming from left to right. Approach grass or weeds with the tip of the string and tilt cutting head slightly forward.



Use extreme caution when SCALPING. Keep a distance of 100 feet (30 metres) between operator, other people and animals during these operations.

Scalping

Scalping refers to removal of all vegetation down to the ground. To do this, tilt the cutting head to about 30 degree angle to the left. By adjusting the handle you will have better control during this operation. Do not attempt this procedure if there is any chance flying debris could injure operator, other people or cause damage to property.



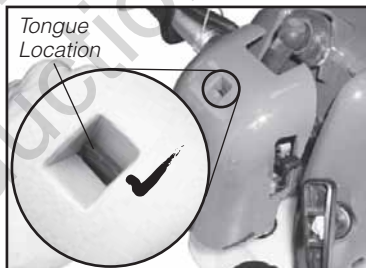
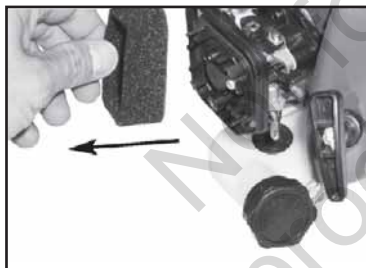
MAINTENANCE & CARE

Maintenance Chart

Maintenance

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

Maintenance of the air filter



Dirty air filters reduce the engine output by restricting 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 air filter cover
2. Remove the filter element
3. Clean the filter element by washing in soapy water and allowing it to dry completely.
4. Soak in a mixture of 25:1 2 stroke fuel / oil and squeeze off excess. (Use Gloves)
5. Assemble in reverse order.



Never clean the air filter with harsh solvents or chemicals.



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

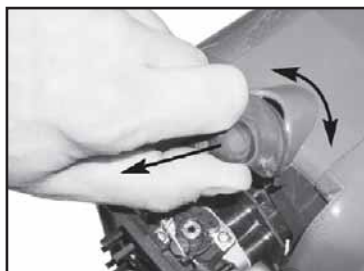
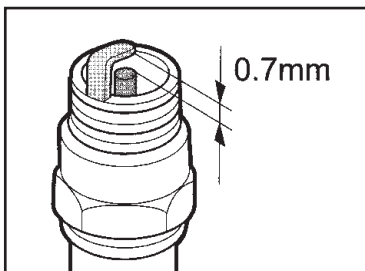


Maintenance Chart

Maintenance of the spark plug (Victa HA25735A = NGK BMPR7A)

Spark plug gap = 0.025 inch (0.7 mm).

Tighten the spark plug with a torque of 12-15 Nm.



Check the spark plug for dirt and grime after 10 hours of operation and if necessary clean. Thereafter service the spark plug after every 50 hours of operation.

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



MAINTENANCE & CARE

Storage



If you fail to follow these instructions correctly, deposits may form on the interior of the carburettor which may result in the engine being more difficult to start or the machine suffering permanent damage.

- 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.
- Leave the machine to cool (approx. 5 minutes).
- Remove the spark plug.
- Place a teaspoon full of 2-stroke engine oil into the combustion chamber. Pull the starter cable several times carefully to wet the internal components with the oil. Fit the spark plug again.
- Clean the exterior housing of the machine.
- Store the machine in a cold, dry place where it is out of the reach of ignition sources and inflammable substances.

Fertilizers and other chemical garden products often contain substances that accelerate the rate of corrosion of metals. Do not store the machine on or near fertilizers or other chemicals.

Restarting After Storage

- Remove the spark plug (page 25).
- Pull the starter cord several times to clean the oil residue out of the combustion chamber.
- Clean the spark plug contacts or fit a new spark plug.
- Fill the tank. See the section entitled Fuel and oil.
- Complete steps 1-7 described under the point entitled Starting the engine from cold.

Transport

To transport the machine, first empty the petrol tank. Pump the primer to completely remove fuel from the carburettor & empty excess from the tank.

Clean coarse dirt off the machine with a brush or hand brush.

Dismantle the split shaft as described (pg.16) if preferred.

MAINTENANCE & CARE



Maintenance Chart

Refer to the following table for routine maintenance.

Features	Requirements	Before Use	After Use	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 Outside		●					
Cutting Head Assy	Check & clean		●					●
Gearbox	Grease (straight shaft)					●		●
Air filter	Check			●				
	Clean			●				●
	Replace (Depending on conditions)						●	●
Cowling	Clean		●					
Cylinder fins	Clean							●
Spark plug	Clean & readjust gap					●		●
Nylon Line	Stock replacement					●		●
Cast Trimmer Head	Clean	●						
	Replacement						●	●
All accessible fasteners	Retighten	●						●
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 VICTA Authorised Service Centre.



TROUBLESHOOTING

If the unit does not start, or runs erratically, the problem may be solved by reference to the chart below.

Problem	Possible cause	Remedy
Engine will not start Spark plug (no spark) Ignition system (no spark) Engine won't start - Good compression, sufficient fuel (with spark) Poor compression, sufficient fuel (with spark) No fuel in carburettor (with spark)	Electrode is wet or fouled	Dry spark plug or replace
	Carbon deposit on electrode	Clean spark plug
	Cracked insulator	Replace spark plug
	STOP SWITCH in OFF position	Switch to ON
	Too small or large electrode gap	Adjust gap to 0.7mm (0.025")
	Burned electrode	Replace spark plug
	Coil burned out, coil insulation failure	Contact Service Centre
	Break in coil wire, transistor burned out	Contact Service Centre
	Engine flooded	Crank engine choke off to discharge fuel
	Excessively thick fuel	Wide throttle position
	Use of incorrect fuel	Contact Service Centre
	Drain and replace with correct fuel	Contact Service Centre
	Excessive wear on cylinder, piston, rings	Contact Service Centre
	Loose spark plug	Tighten spark plug
	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/Contact Service Centre
		Contact Service Centre
Insufficient power Blockages Overheating	Clogged air filter	Clean
	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
	Excessively lean fuel mixture	Contact Service Centre
	Carbon deposits on piston	Contact Service Centre

TROUBLESHOOTING



Troubleshooting

Problem	Possible cause	Remedy
Engine makes knocking noise	Improper fuel mixing ratio	Replace with correct 25:1 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 filter clogged	Contact Service Centre
Fuel system clogged	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
Engine stops during operation	Switch is bumped	Keep hands clear of switch
	Shorting of spark plug	Clean spark plug
	Piston scored, ignition failure	Contact Service Centre
	Fuel tank empty	Refuel
	Carburettor or fuel tank clogged	Contact Service Centre
Engine is difficult to shut off	Overheated engine	Run at idle
	Overheated spark plug	Clean and adjust gap to 0.7mm (0.025")
	Defective kill switch	Contact Service Centre
	Poor contact of ground wire	Contact Service Centre
Unit main body	Loose trimmer head	Tighten firmly
Irregular vibration or trimmer head spins with engine idling	Broken clutch spring, bent main shaft	Contact Service Centre
	Worn shaft bearings	Contact Service Centre
	Loose gearhead	Tighten bolt securely/Contact Service Centre

If running difficulties continue, contact your closest VICTA Authorised Service Centre in Australia and New Zealand.

Please look up and locate your local Authorised Service Centre on **www.victa.com.au** or contact Victa Lawncare Customer Service (02 8778 5555).

N.Z. Customers (09 912 0747)



TECHNICAL SPECIFICATIONS

Model Details

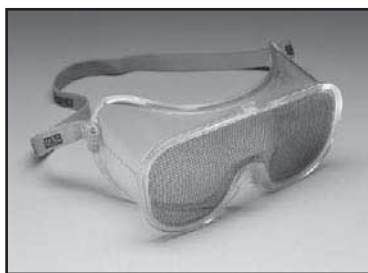
Features	Sabre	Tornado	Tornado Plus	Razor
Code number	STB2224	TTB2226	TTS2226	RTS1226
Engine	One cylinder, air cooling	One cylinder, air cooling	One cylinder, air cooling	One cylinder, air cooling
Displacement (cc)	24	26	26	26
Carburettor type	Diaphragm	Diaphragm	Diaphragm	Diaphragm
Spark plug type	Victa HA25735A NGK BPM R7A	Victa HA25735A NGK BPM R7A	Victa HA25735A NGK BPM R7A	Victa HA25735A NGK BPM R7A
Spark plug gap (mm)	0.7	0.7	0.7	0.7
Ignition	Electronic	Electronic	Electronic	Electronic
Blade guard	STANDARD	STANDARD	STANDARD	STANDARD
Shoulder strap	Yes	Yes	Yes	Yes
Anti-vibration rubber	Yes	Yes	Yes	Yes
Fuel tank (litres)	400ml	400ml	400ml	600ml
Weight (kg)	5.0	5.0	5.2	5.2
Noise level dBA	80	80	79	80
Shaft type	Bent	Bent	Straight	Straight
Split	Yes	Yes	Yes	No
Drive	Flexible	Flexible	Flexible	Rigid
Direction *	Clock-wise	Clock-wise	Anti Clock-wise	Anti Clock-wise
Cut width	400mm	400mm	420mm	420mm

* Direction of cutting head rotation facing from the normal user operating position



Accessories & Spare Parts

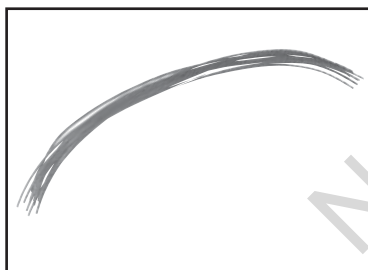
VICTA provides a range of safety equipment and spare parts that may be purchased at any VICTA Authorised Service Centre.



VICTA Safety glasses



VICTA Safety ear muffs



VICTA Trimmer Line



VICTA Formula V, Spark plug and Filter

VICTA recommends the use of its Formula V High Performance 2 Stroke Oil for your fuel mixture.

For all VICTA Spare parts and service, look for the sign of confidence.

For details of your closest VICTA Authorised Service Centre call the following:

Ring **(02) 8778 5555** Australia, or

(09) 912 0747 within New Zealand

www.victa.com



Victa, a Division of Sunbeam Corporation Limited, ACN 000 006 771





WARRANTY

Warranty

Consumer Rights

The buyer should be aware that in relation to goods which are of a kind ordinarily acquired for personal, domestic or household use or consumption, certain provisions such as the Trade Practices Act, 1974 (Aust) and the Consumer Guarantees Act, 1993 (NZ) apply. The terms set out below do not exclude rights and remedies implied by a statute which are non-excludable and which may be more extensive than those provided by this warranty.

Warranty Service

Warranty Service under both the Express Warranty and the warranties implied by law is available at any VICTA Authorised Service Centre. These centres are staffed and equipped to provide expert service.

Warranty Period

Model	Domestic Use	Commercial Use
STB2224	2 Year/24 Months	3 Months/90 Days
TTB2226	2 Year/24 Months	3 Months/90 Days
TTS2226	2 Year/24 Months	3 Months/90 Days
RTS1226	2 Year/24 Months	3 Months/90 Days

VICTA Express Warranty

The VICTA Express Warranty is additional to the conditions and warranties which are mandatorily implied by the laws and regulations of the individual States and Territories of Australia and the Trade Practices Act, 1974 (Aust) and the Consumer Guarantees Act in New Zealand and any non-excludable laws.

Under Express Warranty the 'Trimmer' is warranted from the date of purchase against mechanical defects and faulty workmanship or material. Express Warranty covers only the replacement, repair or adjustment of parts which fail due to a fault in manufacture. Defective parts will be replaced or serviced by an Authorised VICTA representative without charge for labour or materials, subject to conditions. Repairs or adjustments required by normal use or by failure to follow the manufacturer's instructions are chargeable to the owner.

VICTA Service Representatives or agents are authorised to determine whether a claim will be covered under warranty, or payable by the owner on completion.

You should seek independent legal advice to determine whether a claim not covered by the Express Warranty is covered by any warranties implied by law.

Conditions

- Express Warranty applies to the original purchaser only. Proof of purchase date must be provided prior to Express Warranty work.
- Use of parts other than genuine VICTA Spare Parts cancels the Express Warranty.
- Repairs other than by a VICTA Authorised Service Centre cancels the Express Warranty.



Warranty continued

- Altering the product (including governed speed) cancels the Express Warranty..
- A trimmer run with incorrect fuel or oil, or oil level, is not covered by the Express Warranty.
- Failure to properly service cooling or air filtration systems cancels the Express Warranty.
- Failure to follow the instruction manual or labels attached cancels the Express Warranty.
- Fair and reasonable wear is not covered by the Express Warranty.
- Damage from an accident, misuse or neglect is not covered by the Express Warranty.
- Costs of transportation of the trimmer are to be paid by the owner.
- Trimmer line, air filter and spark plugs are not covered by the Express Warranty.

Limitations of Warranty

Nothing in these terms shall exclude, restrict or modify any term, condition, warranty or liability implied into this contract by statute, where to do so would be unlawful or would render any provision of this contract void. Subject to that, all warranties implied by statute in respect of the goods are hereby expressly negated and VICTA's liability for the goods is limited to any warranties issued in writing by VICTA and VICTA is excluded from any liability whether under this contract or otherwise to the buyer of any third party for any loss, injury, cost or damage (direct, indirect, special, consequential, or otherwise and whether or not arising from a negligent act or omission of VICTA), incurred or suffered by reason for the goods, their use, their design or any failure to deliver or delay in delivering them. Where it is legal to do so, any remaining liability implied by statute or resulting from breach of any term, condition or warranty implied by statute is limited to, at VICTA's sole option:

- the replacement of the goods or the supply of equivalent goods;
- the repair of goods;
- the payment of the cost of replacing the goods or of acquiring equivalent goods; or
- the payment of having the cost of the goods repaired.

In particular, your rights and remedies under the Trade Practices Act (Aust) and the Consumer Guarantees Act (NZ) are not excluded.



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