

**OPERATOR'S MANUAL
PETROL BRUSH CUTTER****WARNING!**

Read this manual carefully before using your brush cutter and keep it in a safe place for future reference.



Hotline : 1300 418 640
Monday - Friday : 9.00am to 4.30pm
Saturday: 9.00am to 3.00pm
Email: service@actionspares.com.au

WELCOME

Thank you for choosing to buy a YARDFORCE brush cutter.
All our products are manufactured to the highest standards of performance and safety.
Please read this operator’s manual carefully.

TABLE OF CONTENTS

WELCOME2
TABLE OF CONTENTS2
INTENDED USE3
TECHNICAL SPECIFICATIONS3
PARTS IDENTIFICATION4
SCOPE OF DELIVERY5
SAFETY INFORMATION6
PREPARATION10
OPERATION15
MAINTENANCE19
TROUBLESHOOTING20
STORAGE21
WARRANTY22

INTENDED USE

This tool is designed for the following applications:

- Brush cutter (when fitted with metal circular blade)

The brush cutter is intended to cut weed and climbing plants. Do not use it for other purposes that it was not intended. Example, never use it for cutting wood. Never cut objects with a diameter exceeding 13mm.

- Grass trimmer (when fitted with nylon line cutting head)

The grass trimmer is intended for trimming grass. Do not use it for other purposes.

Note: This tool is designed for domestic use. It is not designed for or warranted for use in commercial, trade or industrial applications.

TECHNICAL SPECIFICATIONS

Model	GT A42
Engine Type	2-Stroke Euro V
Displacement	33 cc
Max. Cutting speed	7000 rpm
Rated Power	0.9 kw
Metal Blade size	1.4 x 255 x 25.4 mm
Max. Cutting Capacity	Ø 13 mm
Nylon Line Cutting Head (Max. Cut)	420 mm
Nylon Line size	2 mm
Fuel Capacity	0.7 L
Fuel/Oil Ratio	40:1
Easy Start	Yes
Net Weight	8 kg

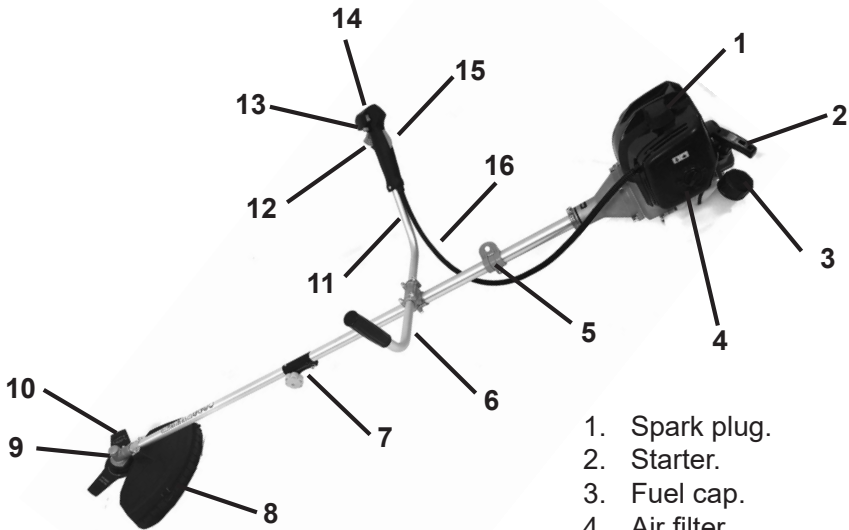


40:1

USE FRESH UNLEADED FUEL (PETROL), 90 OCTANE OR BETTER – Do NOT use E10 or Ethanol blends.

Mix with a premium grade air cooled 2 stroke oil at a ratio of 40:1

PARTS IDENTIFICATION



1. Spark plug.
2. Starter.
3. Fuel cap.
4. Air filter.
5. Strap attachment point.
6. Left handle.
7. Shaft joint clamp.
8. Guard.
9. Cutting Head.
10. Cutting blade.
11. Right handle.
12. Throttle lever.
13. Throttle lock button.
14. ON /OFF switch.
15. Throttle interlock.
16. Control cable.

SCOPE OF DELIVERY



- A. Engine, upper shaft and right handle assembly.
- B. Lower shaft.
- C. Left handle.
- D. Guard.
- E. Line trimmer spool.
- F. Metal cutting blade.
- G. Shoulder belt.
- H. Bracket for guard.
- I. Hex keys, 1 x 4mm, 1 x 5mm.
- J. Spark plug spanner.

- Remove all packing material.
- Check the completeness of the package content.
- Check the tool and its accessories for transportation damage.



WARNING! Danger of suffocating! Packing materials are not toys!
Children must not play with plastic bags!



**IF ANY PARTS ARE MISSING OR DAMAGED,
PLEASE CONTACT ACTION SPARES 1300 418 640**



Recycle/dispose of packaging materials in accordance to the regulations and requirements of your local council.

SAFETY INFORMATION

GENERAL

WHEN using the product, a few safety precautions must be observed to avoid injuries and damage to the product.

READ the operating instructions carefully and comply with them at all times.

KEEP this manual in a safe place so that the information is readily available at all times.

IF you give the equipment to another person it is important for them to read the operating instructions prior to use.

DESCRIPTION OF SYMBOLS

Symbols are used in this manual and/or on the product to attract your attention to possible risks. These symbols and the explanations that accompany them must be understood.



WARNING! or CAUTION! This symbol before a safety comment indicates a precaution, warning or danger. Ignoring these warnings can lead to an accident for yourself or for others. To limit the risk of injury, fire or electrocution always follow the recommendations indicated.



WARNING! To reduce the risk of injury all users must read the operator's manual before using the product.



Risk of flying debris.



Keep bystanders away at least 15 metres.



Wear gloves while using.



Wear sturdy footwear.



Wearing eye, ear and head protection.



Do NOT use saw blades.



Australian regulatory compliance mark.

SAFETY INSTRUCTIONS

TRAINING

- A. Read the instructions carefully. Get familiar with the controls and proper use of the tool.
- B. Only use the tool for the purpose for which it was designed. Any other use can be hazardous and may also cause damage to the tool.
- C. Never allow children or people unfamiliar with these instructions to use the tool. Local regulations may restrict the age of the operator.
- D. Never use the tool:
 - When people, especially children, or pets are nearby.
 - If the operator has taken medicine or substances that can affect his ability to react and concentrate.
- E. Remember that the operator or user is responsible for accidents or hazards occurring to other people or their property.



WARNING! Proper safety precautions must be observed. Like all power equipment this tool must be handled carefully. **DO NOT EXPOSE YOURSELF OR OTHERS TO DANGER.** Follow these general rules. Do not permit others to use this tool unless they are trained in its operation.



WARNING! THIS TOOL CAN CAUSE SERIOUS INJURIES. Read the instructions carefully for the correct handling, preparation, maintenance, starting and stopping of the tool. Be familiar with all controls and the proper use of the tool.

GENERAL SAFETY INSTRUCTIONS

- A. Never allow children to use the tool.
- B. Beware of overhead power lines.
- C. Do not use the tool while people or children are nearby. Keep at least 15 metres away.
- D. Dress properly! Do not wear loose clothing or jewellery, which can be caught in moving parts.
- E. Use of sturdy gloves, nonskid footwear hearing protection and safety glasses.
- F. Use extra care when handling fuels. They are flammable and the vapours are explosive.

-
- G. The following points should be observed:
- Use only an approved fuel container.
 - Never remove the fuel cap or add fuel with the engine running.
 - Allow engine and exhaust components to cool down before refuelling.
 - Do not smoke.
 - Never refuel indoors.
 - Never store the tool or fuel container inside where there is an open flame, such as near a water heater.
 - If fuel is spilled, do not attempt to start the engine, move the tool away from the spillage before starting.
 - Always replace and securely tighten the fuel cap after refuelling.
- H. If the tool starts making any unusual noise or vibration. Turn OFF the engine and allow the tool to stop and take the following steps:
- Inspect for damage:
 - Check for and tighten any loose parts;
 - Have any damaged parts replaced repaired with parts having equivalent specifications

WHEN USING THE TOOL

- A. Stop the engine before:
- Cleaning or when clearing a blockage.
 - Checking, carrying out maintenance or working on the tool.
 - Adjusting the working position of the cutting device.
 - Leaving the tool unattended.
- B. Ensure that the tool is correctly located in a designated working position before starting the engine.
- C. While operating the tool always ensure that the operating position is safe and secure, especially when using steps or a ladder.
- D. To reduce fire hazards keep the engine and silencer free of debris, leaves and excessive lubricant.
- E. Always ensure that all handles and guards are fitted when using the tool. Never attempt to use an incomplete tool or one fitted with an unauthorised modification.
- F. Always be aware of your surroundings and stay alert for possible hazards of which you may not be aware due to the noise of the tool.
- G. Keep fuel in a suitable container specially made for this purpose.

ADDITIONAL SAFETY RULES FOR PETROL BRUSH CUTTER



WARNING! Beware of kickback.

KICKBACK

Take care using the metal blade with the tool. Kickback is a reaction that occurs when the blade hits objects that it can not cut. This can make the blade push away from the object or run along the object. This reaction can be intense enough to lose control of the tool and can occur without a warning. The operator should cut from right to left to minimize the chance of kickback.



WARNING! Dress appropriately.

- A. Always use the brush cutter with the shoulder strap.
- B. Do NOT use saw blades. Use only blades designed for use with brush cutters.
- C. Do not operate with loose clothing or long hair. These can be sucked into the air intake of the tool.
- D. While using, always wear sturdy footwear and long trousers. Do not operate the equipment with bare feet or open sandals.
- E. Do not operate in a hazardous location. Such areas include where there is a risk of explosion of fumes, leaking gas or explosive dust.
- F. Do not operate in a confined area. Exhaust gases, smoke or fumes could reach dangerous concentrations.
- G. Protect your tool. This tool is NOT WEATHERPROOF and should not be exposed to direct sunlight, high ambient temperature and damp, wet or high humidity conditions.
- H. Do not smoke or use a mobile phone while refuelling. This is potentially dangerous as it may ignite the fuel and cause an explosion.
- I. Take care not to spill fuel. When refuelling the tool ensure that the engine has been switched off. Prevent the spilling of fuel as this may also ignite with the hot engine. Never refuel whilst the engine is running.
- J. Be careful where you store the tool. Store the tool in a dry area away from flammable liquids.
- K. Keep your distance. The tool emits exhaust fumes.
- L. Ensure you use fuel oil mix. Ensure that you mix 40 parts unleaded fuel to 1 part two stroke oil, if not the engine will overheat and cause damage to your tool.
- M. Never fill fuel tank indoors.

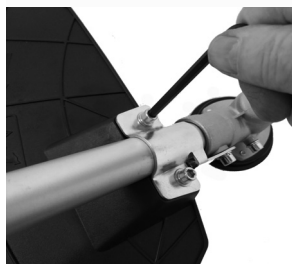
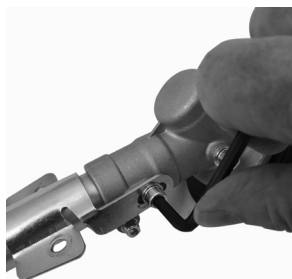
-
- N. Never fill fuel tank when engine is running or hot.
 - O. Stop the engine before re-fuelling.
 - P. Stop the engine and disconnect the spark plug wire If the tool starts to vibrate abnormally (find and remove the cause of the vibration immediately).
 - Q. Reduce the throttle before turning off the engine.
 - R. The user is responsible for the safety of other people, animals and objects in the working area. Keep people, children and domestic animals at a safe distance while the tool is in use.

PREPARATION

BEFORE THE BRUSH CUTTER CAN BE USED IT REQUIRES SOME ASSEMBLY.

INSTALLING THE GUARD

- With the 5 mm Hex key. Remove the two screws from the top of the guard and the one on the side of the cutting head.
- Place the Bracket (H) on the top of the shaft and reinsert and tighten the screw in the cutting head.
- Hold the Guard (D) underneath the bracket, insert the two screws through the bracket in to the holes in the guard and retighten firmly.

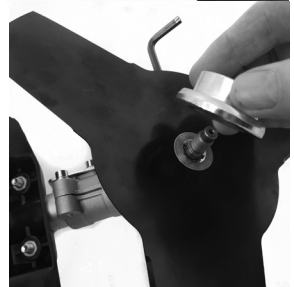


FITTING THE BLADE

- Lock the shaft by Inserting the 5mm hex key through the hole and into the blade mounting boss as shown.

NOTE: The flange nut has a left hand thread.

- Remove the flange nut using the Spark plug spanner (J) by turning it in a clockwise direction.
- Remove the top flange and mount the blade on the centre boss.
- Replace the flange and make sure that the blade stays correctly mounted.
- Replace the flange nut.
- Tighten the flange nut firmly anti-clockwise.
- Remove the Hex key to unlock the shaft.



TO USE THE LINE TRIMMER HEAD

- Lock the shaft by Inserting the 5mm hex key through the hole and into the blade mounting boss as shown.

NOTE: The flange nut and spindle have left hand threads.

- Remove the flange nut using the Spark plug spanner (J) by turning it in a clockwise direction.
- Remove the top flange.

- Mount the line trimmer head onto the spindle.

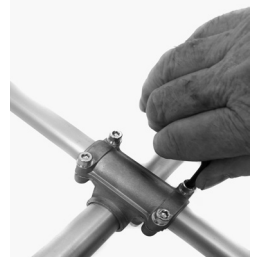
- Tighten the line trimmer head in an anti-clockwise direction.

- On the underside of the guard, remove the protective cover on the line cutting blade.
- Remove the hex key to unlock the shaft.
- Store the top flange and flange nut in a safe place in case they are needed for later use.



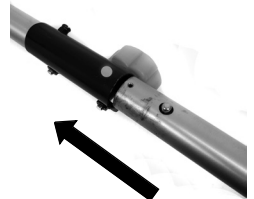
INSTALL THE HANDLES

- Using the 4 mm hex key, loosen the four screws on the handle bar clamp.
- Pass the right hand handle under the upper shaft and insert the right handle approximately 30 mm into the clamp.
- Insert the left handle bar into the clamp approximately 30 mm.
- Gently tighten the clamp screws.
- Adjust the position of the handles to be comfortable for operation.
- Firmly tighten all the handlebar clamp screws



JOIN THE UPPER AND LOWER SHAFTS

- Line up the button on the lower shaft with the hole in the shaft clamp and insert the lower shaft into the clamp until the button clicks into the hole in the clamp.
- Firmly tighten the knob on the clamp.



NOTE: Whilst inserting the shaft into the joining clamp the lower shaft may need to be rotated a bit so the internal shaft components can engage correctly.



WARNING! Always use the brush cutter with the shoulder belt.

ATTACH THE SHOULDER BELT

The brush cutter must always be used with the shoulder belt.

- Clip the hook on shoulder strap to the strap attachment point (5)



FUEL

USE FRESH UNLEADED FUEL (PETROL), 90 OCTANE OR BETTER – Do NOT use E10 or Ethanol blends. Mix with a premium grade air cooled 2 stroke oil at a ratio of 40:1

Mix fuel with 2 stroke oil in an approved container. Shake gently and ensure a thorough mix.



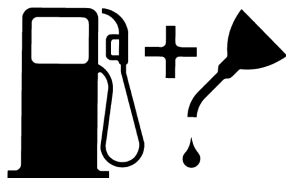
WARNING! Fuel is very flammable. Use extreme care when mixing, storing or handling fuel or serious personal injury may result.



CAUTION! Never use raw fuel without oil in your unit. This will cause permanent engine damage and void the warranty for that product. Never use a fuel mixture that has been stored for over 90 days.



CAUTION! The 2 stroke oil must be a premium grade oil for 2-cycle air cooled engines and must be mixed at a 40:1 ratio with the fuel. Mixing the fuel at a greater ratio than 40:1 provides insufficient lubrication and will cause engine damage and voids your warranty.



40:1

Unleaded Plus 2 stroke oil.
Mixed 40:1

FUELING



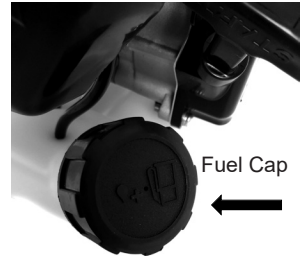
WARNING! Always shut off engine before fuelling. Never add fuel to a machine with a running or hot engine.

Do not SMOKE! Failure to heed this warning could result in serious personal injury.



WARNING! Always ensure there is adequate ventilation when handling fuel.

- Place the brush cutter upright on the ground or on a sturdy bench and wipe any debris from around the fuel cap.
- Unscrew the fuel tank cap and pour the mixture into the tank using a funnel (not supplied).
- Be careful not to spill any mixture. If this happens, wipe the spill with a clean rag.
- Start the engine at least three metres away from the area where the fuel tank has been filled up in order to reduce risk of fire.



OPERATION

A factory-new machine should run at moderate speed for the first 2-3 hours of work, as different components need to settle with each other during the process of running in the engine.

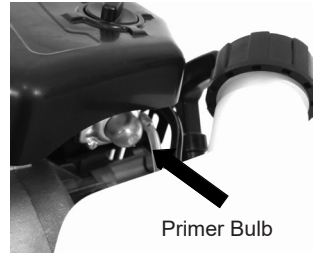
The engine can reach its maximum power after this running in period.

After the first 2-3 hours of works, stop and make sure that all nuts and screws are securely fastened, and tighten them if necessary.

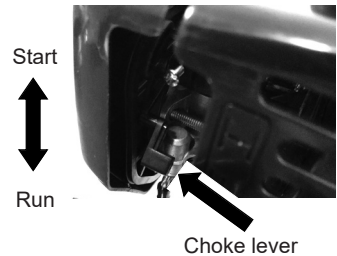
NOTE. It is normal for smoke to be emitted from a new engine during and after first use.

STARTING THE BRUSH CUTTER

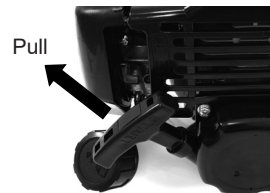
- Press the primer bulb located at the bottom of the air filter until the primer bulb fills with the fuel mixture.



- Move the choke lever to the start position.



- Set the ON/OFF switch (14) to the ON position.
- Briskly pull the starter until the engine splutters. (This may take up to 10 pulls).
- Immediately move the choke lever to the run position.
- Pull the starter again until the engine starts.
- Grasp the right handle with your right hand to depress the throttle interlock (15) and squeeze the throttle lever (16) to increase the speed of the engine.



WARNING! If the brush cutter vibrates excessively. STOP the engine immediately and investigate the cause.

- When the throttle lever is depressed approximately 50% the throttle lock button (13) can be pressed if required. This will hold the throttle at this point.
- To disengage the throttle lock squeeze the throttle lever fully and release.



TO STOP THE ENGINE.

- Move the ON/ OFF switch to the OFF Position.



WARNING! Read and understand all of the safety warning in this manual before operating the brush cutter.



WARNING! Beware of kickback.



WARNING! Always position the brush cutter on the operator's right hand side when using.



WARNING! The operator must keep at least 15 metres away from bystanders when using the brush cutter.

USING THE BRUSH CUTTER WITH THE BLADE.

- Hold the brush cutter with the right hand on the throttle lever and the left hand on the left handle.
- Keep a firm grip with both hands while in operation. Brush cutter should be held at a comfortable position with the right handle about hip height.
- Maintain your grip and balance on both feet. Position yourself so that you will not be drawn off balance by the kick-back reaction of the cutting blade.
- Adjust the shoulder strap to position the brush cutter at a comfortable operating position and to assure that the shoulder strap will reduce the risk of operator contact with the blade.

-
- Inspect and clear the area of any hidden objects such as glass, stones, concrete, fencing, wire, wood, metal, etc.
 - Never use blades near footpaths, fencing, posts, buildings or other immovable objects.
The brush cutter should be used like a scythe, cutting from the right to the left in a broad sweeping action.
 - The blade is suited only for weeds and vines. When the blade becomes dull, it can be turned over to extend the life of the blade. Do not sharpen the blade.

USING THE TOOL AS A LINE TRIMMER.

- Keep the trimmer tilted toward the area being cut. This is the best cutting area.
- Cut from right to left and from the top down. This reduces the amount of debris thrown at the operator and reduces the risk of the entanglement.

NOTE. If grass becomes wrapped around the spool, stop the engine, and remove the grass.

FEEDING THE LINE

The line trimmer has a bump feed mechanism which releases the line without having to stop the engine.

- To release additional line, lightly tap the line trimmer spool on the ground while operating the unit at high speed. Never bump the spool head on concrete as it may crack the spool housing.

NOTE. Always keep the line fully extended. Line release becomes more difficult as the cutting line becomes shorter. Each time the line trimmer spool is bumped it releases approximately 2cm of line. Release the line until it strikes the line cutting blade. This may require several taps.

MAINTENANCE

BEFORE EACH USE

- Remove dirt and debris from the tool exterior.
- Check all screws for tightness and tighten if necessary.
- Check blade flange nut is tight and tighten if necessary
- Check the blade for damage. Replace if damaged or cracked.
- Inspect the engine, tank and hoses for possible fuel leaks, and repair as necessary.
- Inspect the engine cooling fins for accumulations of dirt or debris, and clean as necessary.

EVERY 10~15 HOURS OF USE

- Loosen and remove the air filter cover and filter element.
- Inspect the element. If the filter element is distorted or damaged, replace it with a new one.
- Wash the filter element in clean fuel, and squeeze or blow dry.
- Reinstall the filter element and air filter cover to the tool.
- Use the spark plug wrench to remove the spark plug (turn anti-clockwise to remove).
- Clean and adjust the spark plug gap to 0.6-0.7 mm. Replace any damaged or visibly worn plug with a RCJ6Y spark plug or equivalent.
- Reinstall the spark plug by hand, then tighten it firmly with the spark plug wrench.

EVERY 50 HOURS OF USE

- **INSPECTION** Inspect the entire tool and tubes for damage including loose or missing components and repair as necessary.
- **SPARK PLUG** Replace the spark plug with a RCJ6Y spark plug or equivalent.
Gapped to (0.6-0.7) mm.
- **FUEL FILTER** Use a wire hook to extract the fuel filter from inside the fuel tank, and then remove and wash the filter element in clean fuel. Before reinstalling the filter, inspect the condition of the fuel line. If damage or deterioration is noted, the tool should be removed from service until it can be inspected by a trained service technician.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Engine fails to start.	No fuel in tank.	Fill fuel tank.
	Fuel system not primed.	Press primer bulb 3-5 times until fuel system is full of fuel.
	Choke not engaged.	Use choke when starting.
	Spark plug is fouled.	Replace spark plug.
	No Spark.	Turn ignition switch to ON position.
	Engine is flooded.	Remove the spark plug and leave for 1 hr. Replace the spark plug and try again.
Engine hard to start.	Water in fuel or stale fuel.	Drain fuel and replace with fresh fuel.
	Spark plug.	Service spark plug.
Engine lacks power.	Air filter clogged.	Clean the air filter.
Engine run hot.	Incorrect fuel mixture.	Replace fuel with correct mix 40:1.

STORAGE

STORAGE (30 DAYS OR LONGER)

- **CLEANING** - Thoroughly clean the tool exterior.
- **INSPECTION** - Inspect the entire tool for damage, including loose or missing components and repair as necessary.
- **FUEL** - Drain the fuel tank and then clear the carburettor and lines by running the tool until it stops from lack of fuel.
- **LUBRICATION** - Remove the spark plug and then pour approximately a teaspoon of 2 stroke oil into the cylinder through the spark plug hole. Before reinstalling the spark plug, pull the starter 2 or 3 times to distribute the oil over the cylinder walls.
- **AIR FILTER** - Remove, clean and reinstall the filter element.
- **STORAGE** - Store the tool in a clean, dry, dust-free environment.



At the end of the life of the product please recycle/dispose of the product and any waste liquids in accordance to the regulations and requirements of your local council.

WARRANTY

WARRANTY

This product is covered by a 1 year parts and labour warrant against manufacturing defects.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.

You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty will not apply:

- (i) where this product has been subjected to misuse, abuse, accident or want of care;
- (ii) where this product has been used for a purpose for which it was not designed or is not suited;
- (iii) where the service of this product has been undertaken by a non-authorized person or company or if non-approved parts have been used;
- (iv) where this product has been used for industrial or commercial purposes .

Should service become necessary during the warranty period, the purchaser should contact Action Spares on 1300 418 640.

In order to obtain warranty service, the purchaser must present the store receipt showing the name of the retailer and the date of purchase.

The period of the warranty begins from the original date of purchase, notwithstanding any subsequent repair or parts replacement.

Purchaser shall be responsible for all transport charges to and from the Authorised Service Centre.

Damage in transit is not covered by this warranty. The purchaser should remove from the product any liquids (if applicable) before sending the product for service or repair. The product should be packed securely to prevent damage.

WARRANTY EXCLUSIONS

Wear parts or service related parts required when performing normal and regular maintenance of this product are not covered by warranty unless it is found to be defective by an Authorised Service Centre.

These include, but are not limited to:

Spark Plugs, Carburettor Adjustments, Lubricants, Engine Tune-ups, Filters.

NOTES

29/04/20