



# **MOBILE PETROL GENERATOR**

- **MAX POWER 2800 WATTS**
- **2 X 240V OUTLET SOCKETS**
- **5.6HP MOTOR**



## **INSTRUCTION MANUAL**



**WARNING:** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

## SPECIFICATIONS - MODEL NO. FBT-3000

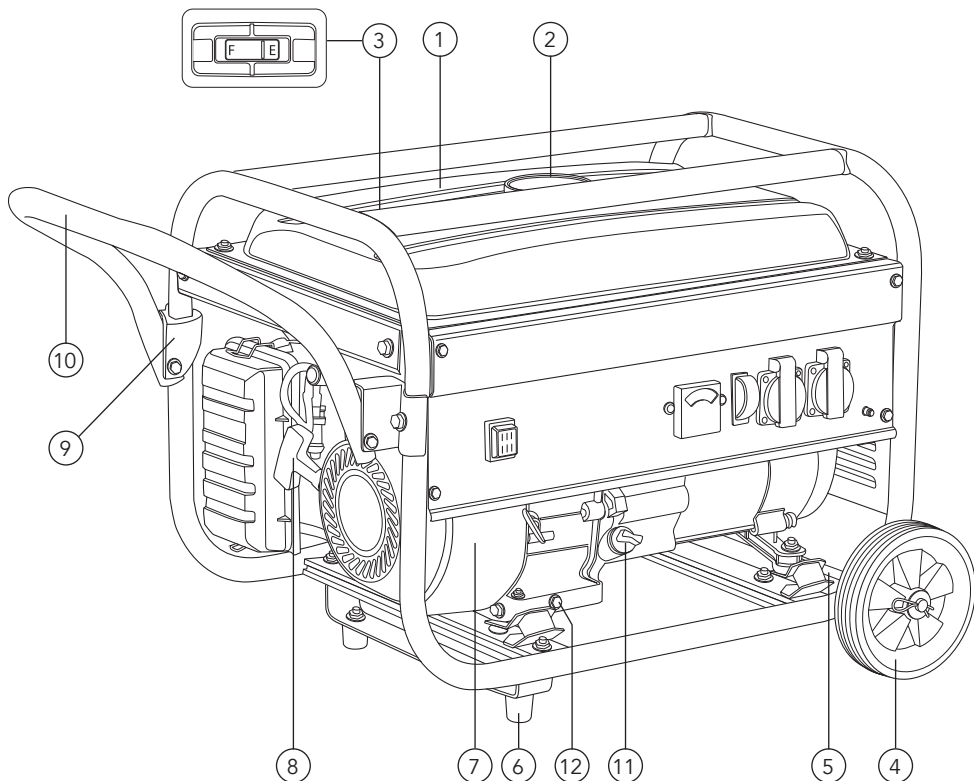
### Engine Specifications:

**Motor Power:** 5.6HP  
**Engine Type:** 4 Stroke, Air Cooled  
**Fuel Type:** 91 RON Unleaded Petrol  
**Fuel Tank Capacity:** 15 litres  
**Engine Capacity:** 208cc  
**Engine Speed:** 3000 /min<sup>-1</sup>  
**Oil Type:** 4 Stroke SAE30, 10W30  
**Oil Tank Capacity:** 600ml  
**Spark Plug:** LD F7RTC

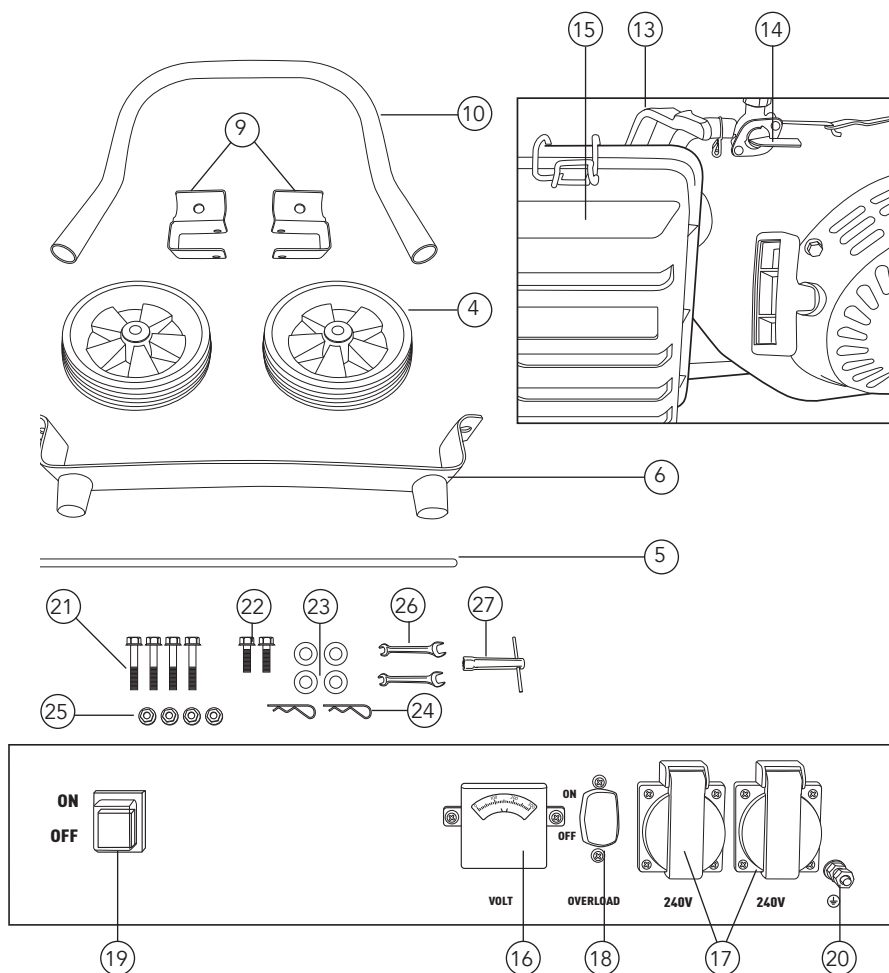
### Generator Specifications:

**AC Output:** 230-240Vac-50Hz  
**Continuous Power:** 2,300W  
**Max. Power:** 2,800W  
**Phase:** Single  
**Weight:** 41.5kg

## KNOW YOUR PRODUCT



## KNOW YOUR PRODUCT (cont.)



- |                            |                         |                                 |
|----------------------------|-------------------------|---------------------------------|
| 1. Fuel tank 15 L          | 11. Oil filler cap      | 21. Screws size M8 x 40         |
| 2. Fuel tank cap           | 12. Oil drain plug      | 22. Screws size M8 x 16         |
| 3. Fuel gauge              | 13. Choke lever         | 23. Washers for wheels          |
| 4. Wheel                   | 14. Fuel tap            | 24. Securing P-clips for wheels |
| 5. Axle                    | 15. Air filter          | 25. Nuts M8                     |
| 6. Foot                    | 16. Voltmeter           | 26. 10/12mm Spanners            |
| 7. Powerful 4 stroke motor | 17. 2 x 240V 10A socket | 27. Spark plug spanner          |
| 8. Recoil starter          | 18. Overload switch     |                                 |
| 9. Push bar holder         | 19. On/ Off switch      |                                 |
| 10. Push bar               | 20. Earth connection    |                                 |

## TABLE OF CONTENTS

SPECIFICATIONS.....	Page 02
KNOW YOUR PRODUCT.....	Page 02
INTRODUCTION.....	Page 05
SAFETY INSTRUCTIONS.....	Page 05
UNPACKING.....	Page 09
RISKS.....	Page 10
AUTOMATIC VOLTAGE REGULATOR (AVR).....	Page 13
ASSEMBLY.....	Page 14
PREPARATION.....	Page 15
OPERATION.....	Page 16
MAINTENANCE.....	Page 18
TROUBLE SHOOTING.....	Page 20
DESCRIPTION OF SYMBOLS.....	Page 21
CONTENTS.....	Page 22
WARRANTY.....	Page 24



## INTRODUCTION

Congratulations on purchasing a Full Boar Mobile Petrol Generator.

Your Full Boar Generator FBT-3000 has been designed for supplying 240V output power. The generator has inbuilt Automatic Voltage Regulator for stable power supply. Intended usage include, Leisure, camping, household mains backup and light trade use.



**WARNING!** Oil has been drained for shipping. Failure to fill engine sump with oil before starting the engine may result in permanent damage and will void warranty.

## SAFETY INSTRUCTIONS



**WARNING!** When using mains-powered equipment, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read and understand the manual prior to operating this tool.

Save these instructions and other documents supplied with this tool for future reference.

## ELECTRICAL SAFETY

### Using an Extension Lead

Extension leads should be *ordinary* or *heavy duty* depending on the application, of appropriate current rating, and in any case not less than 1 mm<sup>2</sup> cross-section of conductor, and *must incorporate* an *earthing conductor* to ensure that there is no voltage difference between the generating set and any equipment powered by the generating set..

## SAFETY WARNINGS FOR GENERATORS

- **Do not operate in a hazardous location.** Such areas include where there is a risk of explosion of petrol fumes, leaking gas or explosive dust.
- **Do not operate in a confined area.** Exhaust gases, smoke or fumes could reach dangerous concentrations.
- **The output of this generator is potentially lethal.** The generator should not be connected to a fixed electrical installation except by an appropriately licensed person.
- **Protect your generator.** This generator is NOT Weatherproof and should not be exposed to direct sunlight, high ambient temperature and damp, wet or high humidity conditions.
- **Do not smoke while refuelling.** This is potentially dangerous as it may ignite the fuel and cause an explosion.
- **Take care not to spill fuel.** When refuelling the generator ensure that the motor has been switched off. Prevent the spilling of fuel as this may also ignite with the hot motor. Never refuel whilst the engine is running.
- **Be careful where you store the generator.** Store the generator in a dry area away from inflammable liquids.
- **Keep your distance.** The generator emits exhaust fumes. As a safety precaution do not stand close to the unit whilst it is in operation. Ensure bystanders also keep their distance.
- **Ensure the generator has oil.** Before commencing the generator, ensure that the unit has been filled with eg. SAE30 4 stroke oil.
- **Never fill fuel tank indoors.** Never fill fuel tank when engine is running or hot. Do not smoke when filling fuel tank.
- **Never refuel when the generator is running.** Switch the generator to the OFF position prior to removing the fuel cap and refuelling.
- **Engine speed has been factory set to provide safe operation.** Tampering with the engine speed adjustment could result in overheating of the attachments and could cause a fire. Never attempt to "speed up" the engine to obtain more performance. Both the output voltage and frequency will be thrown out of standard by this practice endangering attachments and the user.
- **You must unplug any load from the generator before starting and stopping to prevent permanent damage to the appliances.**



**WARNING!** Persons who are fitted with a heart pacemaker, or similar medical conditions should take care when using this device.

## UNPACKING

If you find anything wrong, do not operate the generator until parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

## RISK OF ELECTROCUTION AND FIRE

Hazard	What could happen	How to prevent it
<b>Improper storage of extension cord.</b>	Extension cord can come into contact with hot engine parts resulting in damage. Using a damaged extension cord can result in electrocution or death.	Remove extension cord from the generator and store separately away from generator.
<b>Operation of generator in rain, wet, icy, or flooded conditions.</b>	Water is an excellent conductor of electricity! Water which comes in contact with electrically charged components can transmit electricity to the frame and other surfaces, resulting in electrical shock to anyone contacting them.	Operate generator in a clean, dry, well ventilated area. Make sure hands are dry before touching unit.
<b>Placing generator on or against highly conductive surface, such as a steel walkway or metal roof.</b>	Accidental leakage of electrical current could charge conductive surfaces in contact with the generator.	Place generator on low conductivity surface such as a concrete slab. ALWAYS operate generator a minimum of 2 meters from any conductive surface.
<b>Operation of unit when damaged, or with guards or panels removed.</b>	Attempting to use the unit when it has been damaged, or when it is not functioning normally could result in fire or electrocution.  Removal of guarding could expose electrically charged components and result in electrocution.	Do not operate generator with mechanical or electrical problem. Have unit repaired by an Authorized Service Centre.  Do not operate generator with protective guarding removed.

## RISK OF UNSAFE OPERATION

Hazard	What could happen	How to prevent it
<b>Operation of generator in careless manner</b>	All sources of energy include the potential for injury. Unsafe operation or maintenance of your generator could lead to serious injury or death to you or others.	<p>Review and understand all of the operating instructions and warnings in this manual.</p> <p>Become familiar with the operation and controls of the generator. Know how to shut it off quickly.</p> <p>Equip area of operation with a fire extinguisher certified to handle gasoline or fuel fires.</p> <p>Keep children or others away from the generator at all times.</p>
<b>Operating generator</b>	Generator will not operate properly and will cause damage to the generator and could cause serious injury or death to you or others.	Never operate generator while suspended or in an unlevel position. Always operate generate on a flat, level surface.

## RISK OF BREATHING - INHALATION HAZARD

Hazard	What could happen	How to prevent it
<b>Gasoline engines produce toxic carbon monoxide exhaust fumes</b>	Breathing exhaust fumes will cause serious injury or death.	Operate generator in clean, dry, well ventilated area. Never operate unit in enclosed areas such as garages, basements, storage, sheds, or in any location occupied by humans or animals. Keep children, pets and others away from area of operating unit.

## RISK OF MOVING PARTS

Hazard	What could happen	How to prevent it
<b>Contact with moving parts can result in serious injury</b>	The generator contains parts which rotate at high speed during operation. These parts are covered by guarding to prevent injury.	Never operate generator with guarding or cover plates removed. Avoid wearing loose fitting clothing or jewellery which could be caught by moving parts.

## AUTOMATIC VOLTAGE REGULATOR ( AVR )

This generator has been fitted with AVR Technology which provides automatic voltage regulated power for a continuous uninterrupted stable power supply.

The AVR maintains a regulated AC output and reacts quickly to the rapid changes in load/ voltage, therefore reducing the possibility of damage to the generator and the attached equipment.

It is strongly suggested to use a surge protector on the output of the generator for sensitive equipment.

Many products have peak power requirements that are higher than their operating rating. Use the below as a guide for using appliances

### **What can I use this generator for?**

Refrigerator & Pumps..... 1200W

Power tools, Household appliances.....1800W

Heating appliances, Kettle, Cooking,

Heaters, Lights.....2200W

# ASSEMBLY



**WARNING!** During assembly ensure the generator is switched OFF

1. Carefully remove contents from the packaging.
2. Select a firm, level surface on which to assemble the generator

## Wheels

1. Push the axle (5) through the generator frame, place a washer (23) on the outside (Fig. 1).
2. Place a wheel on each end of the axle (5) followed by a washer (23) (Fig. 2).
3. Push the P-clip (24) through the hole on the axle (5) and rotate to locate and ensure it is secure (Fig. 3).

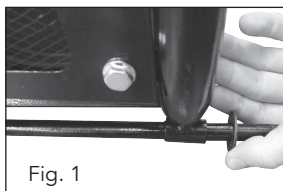


Fig. 1

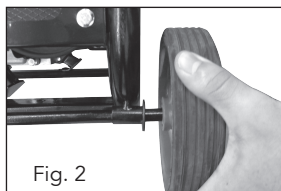


Fig. 2



Fig. 3

## Handle

1. Attach the two push bar holders (9) to the rear frame of the generator, using the supplied bolts (21) (Fig. 4).
2. Align the holes in the push bar with the holes in the push bar holder and secure with the supplied nuts (25) and bolts (21) (Fig. 5 & 6).

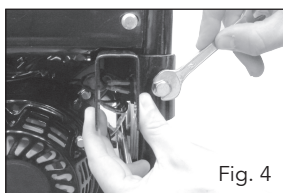


Fig. 4



Fig. 5

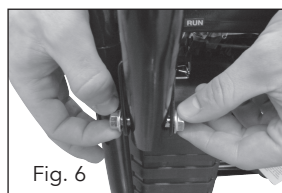


Fig. 6

## Foot bracket

1. Align the holes in the foot bracket with the holes in the bottom plate, towards the front of the generator.
2. From the bottom of the generator insert one of the supplied bolts (22) (Fig. 7) and secure it with a nut (25) from the top of the frame.



Fig. 7

# PREPARATION

## Checking the oil



**IMPORTANT.** Ensure that the engine is fully filled with oil. When leaving the factory the generator is emptied of oil in preparation for shipping.

The engine of this generator needs to be filled with engine oil. Make sure the engine is filled with quality 4 stroke oil, SAE 30 recommended.

1. Before filling with the oil make sure it is on a level surface and the unit has been switched OFF
2. Remove the oil filler cap (11) by rotating the cap anti-clockwise (Fig. 8) and check the level on the dip stick.
3. Wipe the dip stick with a cloth and enter the dip stick into the crank case. Do not screw it in and check the level.
4. Fill the engine crank case with the oil (use a funnel, do not tip generator) until the oil is at the upper level on the dip stick (Fig. 9).

**Note.** This motor is fitted with a low oil sensor. If the oil level is too low the motor will stop or the motor will not start. It is advised to check the oil level regularly.



Fig. 8

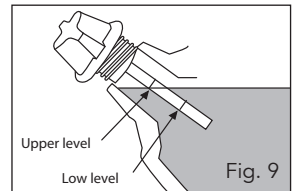


Fig. 9

## Fuelling the Generator

**Note.** The engine will not start if the generator is not filled with oil or the level is low.



**IMPORTANT.** Ensure that the engine is fully filled with oil. When leaving the factory the generator is emptied of oil in preparation for shipping.

1. Ensure the generator is switched OFF
2. Remove the fuel cap (2) (Fig. 10), and view the fuel gauge (3) to check fuel level (Fig. 11).
3. Pour the required amount of fuel into the tank from an approved fuel container. Do not over fill
4. Replace the fuel cap and clean up any spillages.



Fig. 10

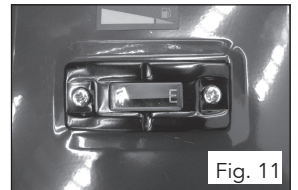


Fig. 11



**WARNING!** Do not refill tank while engine is running or is hot.

**WARNING!** Be careful not to admit dust, dirt water or other foreign objects into the tank.

**WARNING!** Wipe off any spilt fuel before starting.

**WARNING!** The generator should be located in an open area when refuelling, do not refill in confined area.

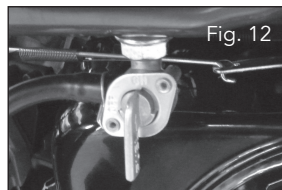


## OPERATION

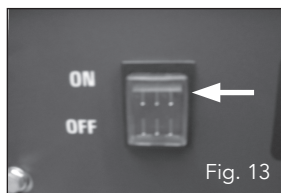
### Starting the Generator

1. Before starting the unit, unplug equipment from the generator

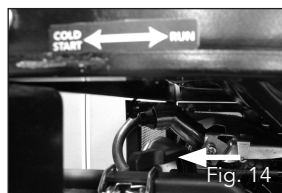
2. Turn the fuel tap ON (Fig. 12).



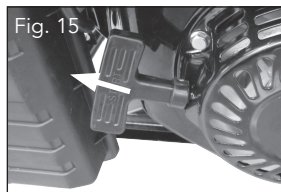
3. Switch the ON/OFF switch (19) to the ON position (Fig. 13).



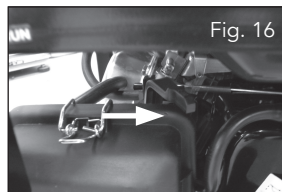
4. Turn the choke (13) to the cold start position (Fig. 14).



5. Pull the recoil starter (8) (Fig. 15) slowly until you feel resistance, let it go back in the recoil. Then pull the recoil starter hard until the engine starts.



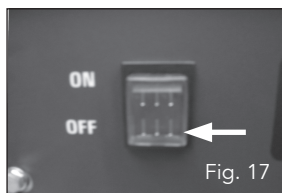
6. Let the engine warm up, and move the choke lever (13) to the run position (Fig. 16).



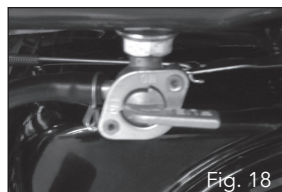
### Stopping the Generator

1. Before stopping the generator, turn off any equipment.

2. Switch the ON/OFF switch (19) to the OFF position (Fig. 17).



3. For transport or storage, turn the fuel tap (14) to the OFF position (Fig. 18).



## OPERATION (cont.)

### Overload

If the overload switch has tripped and cuts off the power, it may be due to overloading. Overloading may not switch the Overload switch but it may shorten the service life of the generator.

Be sure that all appliances are in good working order before connecting them to the generator. If an appliance begins to operate abnormally, becomes sluggish, or stops suddenly turn "OFF" the generator.

If the overload keeps operating disconnect the appliance and examine it for signs of malfunction.

1. Disconnect all appliance, reset the Overload (18) to ON
2. Start the generator as describe in the previous section,
3. Refit the appliance, if the Overload trips again then the equipment / appliance needs to be checked.

Any faulty equipment will need to be repaired by a suitable qualified person.

### Connecting appliance/s to Generator

1. Start the generator as detailed on page 12, **"Starting the Generator"**
2. For multiple appliances the total power of the appliances must be less than the rating of the generator, max. power 2800W or 2300W continuous.
3. Check the appliance is turned off.
4. Plug the 3 pin plug into the 240V socket (17) of the generator

# MAINTENANCE

## Generator Maintenance

Your Generator should be kept clean and dry at all times. The generator should not be stored or operated in environments that includes excessive moisture, dust or any corrosive vapours. If these substances are on the generator, clean with a cloth or soft brush. Do not use a garden hose or anything with water pressure. Water may enter the cooling air slots and could possibly damage the generator.

Any faulty equipment will need to be repaired by a suitable qualified person.

## Storage

If you are going to store your generator for more than 30 days, use the following information as a guide to prepare the generator for storage.

**Never store generator with fuel in the tank indoors or in enclosed, poorly ventilated areas, where fumes can reach an open flame, spark or pilot light as on a furnace, water heater, clothes dryer or other gas appliances.**

Ensure the fuel tank is fully drained of fuel.

Open the drain on the carburettor to drain the fuel totally from the bowl.

Check the fuel tap (14) is turned off.

## Spark plug cleaning or replacing

1. Remove spark plug from the generator with the spark plug spanner (27) supplied (Fig. 19).
2. Remove carbon deposits using a wire brush.
3. Check for discolouration on the top of the spark plug. The standard colour should be a tan colour.
4. Check the spark plug gap. The acceptable gap should be between 0.7 – 0.8mm (Fig. 20).
5. If necessary replace with a new one.  
Spark plug: LD F7RTC

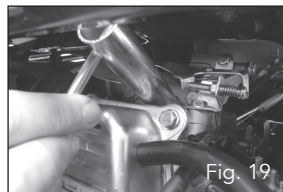


Fig. 19

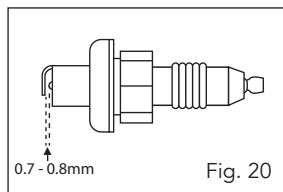


Fig. 20

## MAINTENANCE (cont.)

### Engine oil replacement

1. Place generator on a level surface and start up the generator and run for several minutes.
2. Remove the oil filler cap (11) (Fig. 21).
3. Place a oil pan under the generator and remove the drain plug (12) (Fig. 22) so that all the oil can be completely drained.
4. Check the oil drain plug, gasket, and oil filler cap and o-ring. If damaged have these replaced.
5. Reinstall the oil drain plug. Add engine oil to the upper level of the dip stick. Recommended SAE 30 engine oil.

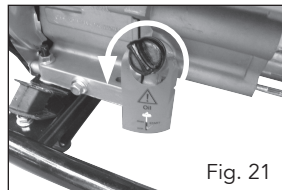


Fig. 21

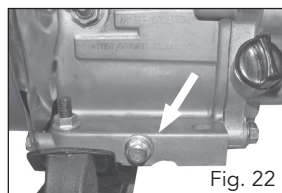


Fig. 22

### Air filter cleaning & replacement

It is important to maintain an air filter (15) in good condition. Always keep the air filter clean.

1. Unclip the metal clip on the air filter housing (Fig. 23).
2. Remove the air filter (Fig. 24).
3. Wash the air filter in soapy water and allow to dry.
4. Replace the air filter back into the filter housing.
5. Secure the cover and return the clip to hold in place.



Fig. 23

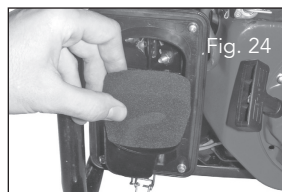





Fig. 24

## TROUBLE SHOOTING

Trouble	Possible cause	Suggested remedy
<b>Engine will not start</b>	1. Low on fuel or oil content	1a. Add Fuel ( ensure fuel is fresh) 1b. Fill oil in motor to correct level
	2. Generator not sitting on level ground.	2. Move generator to level ground. Oil sensors will detect low oil if the generator is not level.
	3. On/Off switch in "Off" position	3. Press switch to 'ON' position.
	4. Faulty spark plug	4. Replace or clean spark plug
	5. Choke in wrong position	5. Adjust choke accordingly
	6. Fuel shut-off valve in closed position	6. Open fuel shut-off valve
	7. Unit loaded during start-up	7. Remove load from unit
	8. Spark plug wire loose	8. Attach wire to spark plug
<b>No electrical output</b>	1. Faulty receptacle	1. Have service centre replace receptacle
	2. Dirty or stale fuel in carburettor bowl.	2. Open the drain screw on the carburettor bowl and allow the fuel to drain for approx 5 sec. Close drain and retry start
	3. Overload switch turned off	3. Lift to reset
<b>Repeated circuit breaker (Overload switch) tripping</b>	1. Overload	1. Reduce load
	2. Faulty cords or equipment	2. Check for damaged, bare, or frayed wires on equipment. Replace.
	3. Check rating label of the appliance.	3. Compare the suggested limits on similar appliances in the section of this manual, "What can I use the generator for?"

## DESCRIPTION OF SYMBOLS

<b>V</b>	Volts	<b>Hz</b>	Hertz
<b>~</b>	Alternating current	<b>W</b>	Watts
<b>/min</b>	Revolutions or reciprocation per minute	<b>n<sub>o</sub></b>	No load speed
<b>Hp</b>	Horse power		Regulator compliance mark
	Use eye protection		Warning

## CARING FOR THE ENVIRONMENT



Power tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

# CONTENTS

- 1 x Generator
- 2 x Wheels
- 1 x Push handle
- 2 x Push handle holders
- 1 x Axle
- 1 x Foot bracket
- 4 x Bolts size M8 x 40
- 2 x Bolts size M8 x 16
- 4 x Washers for wheels
- 2 x Securing P-clips for wheels
- 4 x Nuts M8
- 2 x 10/12 Spanners
- 2 x Spark plug spanner
- 1 x Instruction Manual

Distributed by:  
Ozito Industries Pty Ltd

**AUSTRALIA (Head Office)**

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Telephone: 1800 069 486





# WARRANTY

**YOUR WARRANTY FORM SHOULD BE RETAINED BY YOU AT ALL TIMES. IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE (see [www.bunnings.com.au](http://www.bunnings.com.au) or [www.bunnings.co.nz](http://www.bunnings.co.nz) for store locations) WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY PLEASE TELEPHONE OUR CUSTOMER SERVICE HELPLINE:**

**Australia 1800 069 486  
New Zealand 0508 069 486**

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

## **1 YEAR REPLACEMENT WARRANTY**

Your product is guaranteed for a period of **12 months from the original date of purchase**. If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: wheels, bearings.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you under law. The warranty covers manufacturer defects in materials, workmanship and finish under normal use.

Our goods come with guarantees that cannot be excluded under Australian Consumer law & Consumer Guarantees Act 1993 (NZ). You are entitled to a replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired and replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

## **WARRANTY EXCLUSIONS**

**The following actions will result in the warranty being void.**

- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.
- The warranty excludes damage resulting from product misuse or product neglect.

**This warranty is given by Ozito Industries Pty Ltd.**

**ABN: 17 050 731 756**

**Ph.1800 069 486**

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