MAINTENANCE

The purpose of the maintenance and adjustment schedule is to keep the generator in the best operating condition. Inspect or service as scheduled in the table below.

SHUT OFF THE ENGINE BEFORE PERFORMING ANY MAINTENANCE. IF THE ENGINE MUST BE RUN, MAKE SURE THE AREA IS WELL VENTILATED. THE EXHAUST CONTAINS POISONOUS CARBON MONOXIDE GAS.

USE AUTHORIZED PARTS OR THEIR EQUIVALENT. THE USE OF REPLACEMENT PARTS WHICH ARE NOT OF EQUIVALENT QUALITY MAY DAMAGE THE GENERATOR

Project	Periodic maintenance time (1)	Every use	Every month or 20 hours	Every 3 months or 50 hours	Every 6 months or 100 hours	Every year or 300 hours
01	Examination	0				
Oil	Replace		0			
Air filter	Examination	0				
Air niter	Clean			0 (2)		
Muffler Anti-Fire	Examination	0				
Mumer Anti-Fire	Clean		0			
Spark plug	Clean- adjustment				0	
Fuel sediment bowl	Clean				0	
Valve clearance	Examination- adjustment					0 (3)
Fuel and fuel filter	Clean					0 (3)
Fuel line	Examination	Every 2 years (If necessary, please change) (3)				

(1) Log hours of operation to determine proper maintenance.

(2) Service more frequently when used in dusty areas.

(3) Servicing of this product can be arranged by contacting customer service. Telephone: 1800 069 486.

DO NOT REMOVE THE FRONT PANEL WHILE THE GENERATOR IS RUNNING

Oil Change

Drain the oil while the engine is still warm to ensure rapid and complete draining.

MAKE SURE TO TURN THE ENGINE SWITCH AND FUEL LEVER ARE OFF BEFORE DRAINING.

1. Using a spanner remove the oil drain screw.



2. Tilt the generator and spill out the oil into a suitable container.

3. Refit the oil drain screw and refill with new oil, check the oil level with the dipstick as described in "Checking the Oil" section.

Note: Please dispose of used motor oil in a manner that is compatible with the environment. Do not throw it in the rubbish bin or pour it on the ground.

Air Filter Service

A dirty air filter will restrict air flow to the carburettor. To prevent carburettor malfunction, service the air cleaner regularly. Service more frequently when operating the generator in extremely dirty areas.

1. Remove the air filter locking knob and remove the cover.

2. Check the air filter sponge is intact and clean, if not rinse with water and allow to dry or replace the filter.





Note: It is normal for a little oil to appear under the air filter box if the generator is running for a long period of time, or if a lot of oil is in the engine. Wipe up the excess oil after each use and after stopping the generator

DO NOT USE PETROL OR LOW FLASH POINT SOLVENTS FOR CLEANING. THEY ARE FLAMMABLE AND **XPLOSIVE UNDER CERTAIN CONDITIONS**

NEVER RUN THE ENGINE WITHOUT THE AIR CLEANER, RAPID ENGINE WEAR WILL RESULT FROM CONTAMINANTS SUCH AS DUST AND DIRT BEING DRAWN THROUGH THE CARBURETTOR, INTO THE ENGINE.

Spark Plug Servicing

Use only good quality spark plugs. To ensure proper engine operation, the spark plug must be properly gapped and free of deposits.

- 1. Pull out the spark plug lead.
- Remove the spark plug using the spark plug wrench supplied by turning it anti-clockwise.



3. Clean the electrode with a metal brush and remove any carbon build-up or replace the spark plug. Set the electrode gap to 0.6 - 0.7mm



- 4. Install the spark plug carefully by hand, to avoid cross threading. Tighten it securely with Spark plug wrench.
- 5. Reinstall the spark plug lead.

Fuel Filter

A dirty fuel filter will restrict fuel flow to the carburettor. Replace the fuel filter if it becomes noticeably discoloured. The fuel filter can be found under the fuel cut off tap.



TROUBLESHOOTING

Circuit Breaker Trips During Use

If the circuit breaker trips during use, it usually indicates faulty electrical equipment or cords. Follow the steps below to determine if the issue lies with the circuit breaker or with equipment/cords.

- . Disconnect loads, reset and test the circuit breaker as described in the "Checking the Residual Current Circuit Breaker" section of this manual.
- 2. Let the generator run without any loads for 1 minute.
- 3. If the circuit breaker trips in the 1 minute period, do not continue to use the generator. Shut the generator down and contact Ozito Customer Service.
- 4. If the circuit breaker tests correctly, the electrical equipment or extension cords may be faulty. Replace faulty electrical equipment and cords before further use. Have qualified personnel check all electrical equipment and cords for any defects

TRANSPORTING & STORAGE

DESCRIPTION OF SYMBOLS

When Transporting Generator

- When transporting a short distance, it is advised that you use the handles.
- Do not overfill the fuel tank.
- Avoid a place exposed to direct sunlight when putting the generator on a vehicle. If the generator is left in an enclosed vehicle for many hours, high temperatures inside the vehicle could cause fuel to vaporize, resulting in a possible explosion.



- Do not operate the generator while it is on a vehicle. Take the generator off the vehicle and use it in a well ventilated place.
- Do not drive on a rough road for an extended period with the generator on board. If you must transport the generator on a rough road, drain the fuel from the generator beforehand.

Storing the Generator for an Extended Period

- 1. Be sure the storage area is free of excessive humidity and dust.
- 2. Completely drain the fuel from the tank. Open the fuel valve, start the engine and operate it in the idle position until all remaining fuel is gone and the engine stops automatically.
- 3. Discharge oil as described in ("Oil Change") section.
- 4. Check the fuel tap is turned off.



PETROL IS EXTREMELY FLAMMABLE AND A EXPLOSIVE UNDER CERTAIN CONDITIONS. DO NOT SMOKE OR ALLOW FLAMES OR SPARKS IN THE AREA

v	Volts	Hz	Hertz	
<u> </u>				
~	Alternating current	w	Watts	
min ⁻¹	Revolutions or reciprocation per minute	n₀	No load speed	
8	Read instruction manual		Regulator compliance mark	
\land	Warning		Hot surface	
\land	Do not parallel connect other cables to receptacles, use special jack, or it may cause an electrical shock.			
	Extremely hot surface. Do not touch a hot muffler or exhaust system. You may get burned. These parts get extremely hot from operation and remain hot a short time after the unit is turned off.			
	Exhaust contains poisonous carbon monoxide. Do not operate generator in confined area.			
	Unleaded Petrol		Four stroke engine oil	
\downarrow	Ground	\odot	Do not smoke	
	Keep bystanders away		Toxic Fumes	
¥ K ↓ ↑ stop	Engine may continue to rotate after machine is switched off			

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.

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse.

For further information, or any parts not listed here, visit www.ozito.com.au or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: enquiries@ozito.com.au



YEAR WARRANTY

IGP-2500

WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE 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.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at 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.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

1 YEAR 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.

WARNING

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.
- Professional, industrial or high frequency use.

KNOW YOUR PRODUCT

INVERTER GENERATOR

		•	
1.	Frame	11.	Fuel Tap
2.	Choke	12	Display Meter
3.	Recoil Starter	13.	DC Overload Reset
4.	Fuel Gauge	14.	Engine On/Off Switch

4. Engine On/Off Switch 15. RCBO / AC Power Switch

17. Status LEDs

18. AC Socket x 2

19.Grounding Terminal

- 16. 12Volt DC Outlet
- 6. Control Panel 7. Oil Dipstick

5. Fuel Tank Cap

- 8. Oil Fill Port
- 9. Transport Handle
- 10. Air Filter





SETUP & PREPARATION

LUBRICATION

Checking the Oil

The generator is shipped without oil and must be filled before starting. Oil sump capacity is 600ml. Refer to below instructions for details.

Note: The generator has 2 oil filler holes for easier access, however only the oil plug towards the front features a dipstick for checking the

- . Be sure to check that the generator is on a level surface with the engine stopped.
- Remove the dipstick, and wipe with a clean rag. Check the oil level by inserting the dipstick in the filler hole without screwing it in and then removing it again.





Note: The Oil Alert LED will automatically illuminate before the oil level falls below the safe limit. However, to avoid the inconvenience, it is still advisable to visually inspect the oil level regularly.

2. FUEL

PETROL IS VERY FLAMMABLE. DO NOT SMOKE OR CAUSE ANY SPARKS OR FLAMES NEAR FUEL. MAKE SURE THAT YOU STOP THE ENGINE AND ALLOW IT TO COOL BEFORE REFUELLING THE GENERATOR. SELECT AN OPEN OUTDOOR AREA FO FUELLING AND MOVE AT LEAST 3M AWAY FROM THE FUELLING POINT BEFORE STARTING THE ENGINE

Fuel Consumption

Loa	ıd	Fuel Consumption	Run Time (full tank)		
220	0W (full load)	1500mL/h	3 hours		
110	0W (half load)	1026mL/h	4.5 hours		

Refuelling the Generator

 Switch off engine by moving the engine switch to the OFF position.



Remove the fuel cap by rotating in a anti-clockwise direction.



3. Add fuel to the tank (91 RON Unleaded Petrol). Do not overfill the fuel tank, check the fuel gauge on the fuel tank. Do not use ethanol blended fuels. Fuel tank capacity is 5L.



4. After refuelling, make sure the fuel cap is closed properly and securely.



BE CAREFUL NOT TO SPILL FUEL WHEN REFUELLING. SPILLED FUEL OR FUEL VAPOUR MAY IGNITE. IF ANY FUEL IS SPILLED, MAKE SURE THE AREA IS DRY BEFORE STARTING THE ENGINE.



KEEP AWAY FROM CIGARETTES, SMOKE AND PARKS WHEN REFUELLING THE GENERATOR. ALWAYS REFUEL IN A WELL-VENTILATED LOCATION.





OPERATION

3. STARTING & STOPPING

Preparing to Start

Before starting the engine, disconnect all appliances from the generator.

1. Set the fuel tap to the "ON" position as shown.



2. Set the engine switch to ON



3. Adjust the choke to suit the current conditions.

COLD START: If the weather is cold, push the choke all the way to the left into the "ON" position.

WARM START: If the weather is warm or the generator has recently been used, push the choke all the way to the right into the "OFF" position.



Starting the Engine

Before starting the engine, disconnect all appliances from the generator.

- 1. Follow steps 1 to 3 in the "Preparing to Start" section above.
- . Hold the generator steady with one hand. With the other hand, pull slightly on the recoil starter until you feel resistance and then pull hard and swiftly. Do not let the recoil starter retract by itself, guide it back by hand.



Note: You may need to pull on the recoil starter a few times until the generator starts

3. Once started push the choke all the way to the right into the "OFF" position

Checking the Residual Current Circuit Breaker

This generator features a Residual Current Circuit Breaker with Overcurrent Protection (RCBO) which is designed to prevent fatal electric shock in the case of an accident. IT IS ESSENTIAL TO TEST THE RCBO BEFORE EVERY USE.

- 1. Follow steps 1 to 3 in the "Starting the Engine" section.
- 2. Leave the engine running but do not connect any devices to the outlet. The RCBO is now ready to be tested.
- 3. Make sure the AC Power Switch is in the ON position and press the Test Button. If the RCBO is working correctly the AC Power Switch will turn to the OFF position.



Note: The RCBO can be reset by switching the AC Power Switch back to the ON position. The generator is now ready to use.

IF THE RCBO DOES NOT ACTIVATE AND SHUT OFF THE POWER WHEN THE TEST BUTTON IS RESSED, DO NOT USE THE GENERATOR. IF THIS OCCURS, SHUT THE GENERATOR DOWN AND CONTACT OZITO CUSTOMER SERVICE.

Stopping the Engine

Before stopping the engine, turn off any equipment.

1. Switch off engine by moving the engine switch to the OFF position.



2. For transport or storage, turn the fuel tap to the OFF position.



4. CONTROL PANEL

Run Indicator LED

• The power indicator LED (green) illuminates when power is available to outputs.



Overload Indicator LED



- If the generator is overloaded or if there is a short in the connected appliance, the overload indicator LED (red) will go ON and current to the connected appliance will be shut off. The output indicator LED (green) will turn off. The power indicator LED (green) illuminates when power is available to outputs.
- Substantial overloading that continuously lights the overload indicator light (red) may damage the generator. Marginal overloading that temporarily lights the overload indicator LED (red) may shorten the service life of the generator. Stop the engine if the overload indicator light (red) switches ON and investigate the overload source.

Overload Reset

If the overload switch has tripped and cuts off the power, 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.

- Disconnect the appliance and push the engine switch into the off position.
- Start the generator as described in "Starting the engine" section.



. Refit the appliance, if the Overload trips again then the equipment / appliance needs to be checked

Low Oil Indicator LED



- The oil indicator is designed to prevent engine damage caused by an insufficient amount of oil in the crankcase.
- If the oil level becomes low while operating, the generator will automatically switch off to prevent damage.
- If the oil indicator LED (yellow) comes on, add engine oil

RCBO / AC Power Switch

This generator features a Residual Current Circuit Breaker with Overcurrent protection (RCBO) which is designed to prevent fatal electric shock in the case of an accident

The RCBO also includes protection from overload and an Isolator Switch that allows you to stop power to the AC appliance without stopping the engine.

- 1. To allow power to your AC appliance, press the AC power switch up.
- 2. To stop power to your AC appliance, press the AC power switch down.

AC Applications

Check the total rating of the appliance to be connected and ensure the rating of the appliance/s does not exceed the rating of the generator.

- 1. Start the engine and make sure the output indicator LED (green) illuminates. (see "Starting the enaine")
- 2. Confirm that the equipment to be used and the AC power switch on the control panel is switched off, and insert the plug of the equipment to be used into an AC socket.
- 3. Switch the AC power switch on the control panel up into the on position and then you can start using the equipment.

Note: If the connected appliance does not operate, refer to "Overload Indicator" section.

Note: Please be aware that the starting current of certain equipment may be higher than it is rated.

Overloading (Inrush Current)

You may find that even though the appliance you wish to connect to the generator is below the rated power, the generator overloads.

Some appliances require a higher power than noted on the appliance for start up; this is called inrush current. Some examples are listed below

Appliance	Running Wattage	Start-up Wattage
Light	70W	70W
Airless Sprayer	650W	1300W
Refrigerator	700W	2000W
Water Pump	800W	2000W
Air Compressor (1HP)	1100W	4000W
Circular Saw	1200W	2100W
Heater	2000W	2000W
Mitre Saw	2100W	3200W
Electric Stove	2400W	2400W

Table details are approximate. Always check your appliance for the accurate wattage.

DC Applications The DC output on this generator has a rated voltage of 12V with a rated current of 8 3A

12Volt DC Outlet

This is suitable for charging most lead acid type car batteries. Before charging, remove the battery from the vehicle. The battery MUST be totally isolated from any other circuitry.

I. Connect the positive (+, RED) charging cord to the positive battery terminal. Connect the negative (-, BLACK) charging cord to the negative battery terminal. Do not reverse the charging cables, or serious damage to the generator and/or the battery may occur.



- 2. Start the generator as described in "Starting the engine" section.
- 3. Connect the DC cable to the 12Volt DC outlet. The battery will begin charging.
- 4. When disconnecting, remove the plug from the generator before unclipping the clamps on the batterv.



Note: Do not attempt to charge lithium ion, NiCad or NiMH batteries. The charging outlet is only intended for Lead Acid batteries.



WARNINGI THE BATTERY GIVES OFF EXPLOSIVE GASES; KEEP SPARKS, FLAMES AND CIGARETTES AWAY. PROVIDE ADEQUATE VENTILATION WHEN CHARGING.

EQUIPMENT.

WARNING: THE BATTERY CONTAINS SULPHURIC ACID (ELECTROLYTE). CONTACT WITH SKIN OR EYES MAY CAUSE SEVERE BURNS. WEAR PROTECTIVE



BATTERIES LEFT UNATTENDED CAN POTENTIALLY EXPLODE, RESULTING IN SERIOUS

Note: DC receptacle can be used while the AC power is in use. If you use both at the same time, be sure not to exceed the total power for AC and DC. An overloaded DC circuit will trip the DC circuit breaker. If this happens, disconnect the DC load before pushing in the 'DC Overload Reset' button to resume operation.



When reconnecting appliances, reduce the load which previously overloaded the generator.



ON

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OFF