



GT5500D POWER **DIESEL GENERATOR**

5000 WATT DIESEL GENERATOR



Please ensure that you read this manual in full before using your machine and follow the maintenance and operation instructions carefully.

OPERATING INSTRUCTIONS

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Introduction

Your new GT POWER Generator will more than satisfy your expectations. It has been manufactured under stringent quality standards to meet superior performance criteria. You will find your new tool easy and safe to operate, and, with proper care, it will give you many years of dependable service.

 **CAUTION:** Carefully read through this entire Instruction Manual before using your new GT POWER Generator. Take special care to heed the Cautions and Warnings.

Your generator has many features that will make your job faster and easier. Safety, performance, and dependability have been given top priority in the development of this tool, making it easy to maintain and operate.



Environmental Protection

Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.



Scope Of Product

This product is suited for home and camping, back-up power, rural and commercial applications.

Specifications

AC Output:	230V AC ~ 50Hz
Rated Power:	5000W
Peak Power:	5500W
Phase:	Single
Power Factor:	COS ϕ = 1
Displacement:	462cc
Engine:	LC462D
Rated Speed:	3000 RPM
Fuel Tank Capacity:	14.5L
Fuel Type:	Diesel Fuel
Engine Oil Type:	10W30 Diesel Oil
Operation Noise Level:	89dBA
Net Weight:	112kg
L x W x H:	685 x 520 x 595

Safety Information

Read this manual carefully and become familiar with your generator. Know its applications, its limitations and any hazards involved.

Throughout this brochure, on tags and decals affixed to the generator, **DANGER**, **WARNING**, **CAUTION** and **NOTICE** marks are used to alert personnel with special instructions about a particular operation that may be hazardous if performed incorrectly, or carelessly. Observe them carefully. Their definitions are as follows:



DANGER: indicates a hazard which, if not avoided, will result in death or serious injury.



WARNING: indicates a hazard which, if not avoided, could result in death or serious injury.



CAUTION: indicates a hazard which, if not avoided, could result in minor or moderate injury.



NOTE: covers some practices which may not be related to personal injury.

A running engine gives off carbon monoxide, an odourless, colourless, poison gas. Breathing carbon monoxide could result in death, serious injury, headache, fatigue, dizziness, vomiting, confusion, seizures, nausea or fainting.

- Operate this product **ONLY** outdoors.
- Install a battery operated carbon monoxide alarm near the bedrooms.
- Keep exhaust gas away from entering a confined area through windows, doors, ventilation intakes, or other openings.

- NEVER operate this product inside any building, carport, porch, mobile equipment, marine applications, or enclosure, even if windows and doors are open.



WARNING: *Starter cord kickback (rapid retraction) will pull hand and arm toward engine faster than you can let go which could cause broken bones, fractures, bruises, or sprains resulting in serious injury.*

- When starting engine, pull cord slowly until resistance is felt and then pull rapidly to avoid kickback.
- NEVER start or stop engine with electrical devices plugged in and turned on.



WARNING: *Fuel and its vapours are extremely flammable and explosive which could cause burns, fire or explosion resulting in death, serious injury and/or property damage.*

When Adding or Draining Fuel

- Turn generator engine OFF and let it cool at least 2 minutes before removing fuel cap. Loosen cap slowly to relieve pressure in tank.
- Fill or drain fuel tank outdoors.
- DO NOT overfill tank, Allow space for fuel expansion.
- If fuel spills, wait until it evaporates before starting engine.
- Keep fuel away from sparks, open flames, pilot light, heat, and other ignition sources.
- Check fuel lines, tank, cap and fittings frequently for cracks or leaks. Replace if necessary.
- DO NOT light a cigarette or smoke.

When Starting Equipment

- Ensure muffler, fuel cap and air cleaner are in place.

When Operating Equipment

- DO NOT operate this product inside any building, carport, porch, mobile equipment, marine applications or enclosure.
- DO NOT tip engine or equipment at angle which causes fuel to spill.
- DO NOT stop engine by moving choke control to "OFF" position.

When Transporting or Repairing Equipment

- Transport/move/repair with fuel tank EMPTY or with fuel valve OFF.
- DO NOT tip engine or equipment at angle which cause fuel to spill.

When Storing Fuel or Equipment with Fuel in Tank

- Store away from furnaces, stoves, water heaters, clothes dryers, or other appliances that have light or other ignition source because they could ignite fuel vapours.



WARNING: Generator voltage could cause electrical shock or burn resulting in death or serious injury.

- Use approved transfer equipment to prevent back feed by isolating generator from electric utility workers.
- When using generator for backup power, notify utility company.
- Use a ground fault circuit interrupter in any damp or highly conductive area, such as metal decking or steel work.

- DO NOT touch bare wires or receptacles.
- DO NOT use generator with electrical cords which are worn, frayed, bare or otherwise damaged.
- DO NOT operate generator in the rain or wet weather.
- DO NOT handle generator or electrical cords while standing in water, while bare-foot, or while hands or feet are wet.
- DO NOT allow unqualified persons or children to operate or service generator.



WARNING: Exhaust heat/gases could ignite combustibles, structures or damage fuel tank causing a fire, resulting in death, serious injury and/or property damage. Contact with muffler area could cause burns resulting in serious injury.

- DO NOT touch hot parts and AVOID hot exhaust gases.
- Allow equipment to cool before touching.
- Keep at least 5 feet (1.5m) of clearance on all sides of generator including overhead.



CAUTION: Excessively high operating speeds could result in minor injury and/or generator damage. Excessively low speeds impose a heavy load.

- DO NOT tamper with governor spring, links or other parts to increase engine speeds. Generator supplies correct rated frequency and voltage when running at governed speed.



WARNING: Unintentional sparking could cause fire or electric shock resulting in death or serious injury.

Other Safety Precautions



WARNING: *Starter and other rotating parts could entangle hands, hair, clothing, or accessories resulting in serious injury.*

- DO NOT connect to a home power system. See “Connecting to a Home Power Supply” on the following page
- NEVER operate generator without protective housing or covers.
- DO NOT wear loose clothing, jewellery or anything that could be caught in the starter or other rotating parts.
- Tie up long hair and remove jewellery.
- DO NOT modify generator in any way.

NOTE: *Exceeding generators wattage/ampere capacity could damage generator and/or electrical devices connected to it.*

- DO NOT exceed the generator's wattage/ampere capacity.
- Start generator and let engine stabilise before connecting electrical loads.
- Turn electrical loads OFF and disconnect from generator before stopping generator.



NOTE: *Improper treatment of generator could damage it and shorten its life.*

- Use generator only for intended uses.
- If you have questions about intended use, ask dealer or contact local service center.
- Operate generator only on level surfaces.

- DO NOT expose generator to excessive moisture, dust, dirt, or corrosive vapor.
- DO NOT use in the rain.
- DO NOT insert any object through cooling slots.
- If connected devices overheat turn them off and disconnect them from generator.
 - or if electrical output is lost.
 - or if equipment sparks, smokes, or emits flames.
 - or if unit vibrates excessively.

Unpacking the Generator

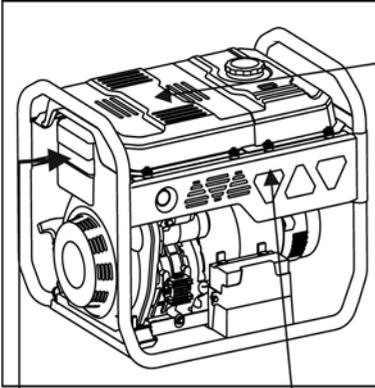
- Set the carton on a rigid flat surface.
- Remove everything from carton except generator.
- Open carton completely by cutting each corner from top to bottom.
- Leave generator on carton to install wheel kit.

Packing Contents

- 1 x Owner's Manual
- 4 x Wheels
- 1 x Handle Assembly
- 2 x Wheel Axles
- 1 x Hardware Bag
- 1 x Extension Housing

Warning Labels

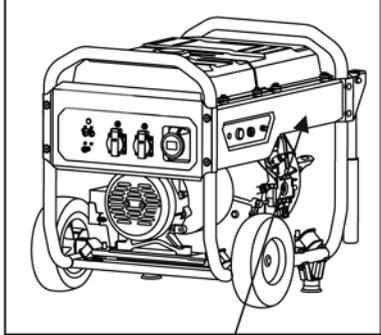
Warning labels on the machine are to remind you of the safety regulations.



FUEL OIL <ul style="list-style-type: none"> • USE DIESEL FUEL. • PLEASE CHANGE NEW FILTER WHEN IT IS BLOCKED. 	STARTING <ul style="list-style-type: none"> • CHECK LUBE OIL LEVEL AND FUEL. • WARM UP WITHOUT LOAD.
LUBE OIL <ul style="list-style-type: none"> • MUST USE LUBE OIL ABOVE CC GRADE. • CHANGE LUBE OIL EVERY 100hrs. • CLEAN FILTER EVERY 100hrs. 	STOPPING <ul style="list-style-type: none"> • CLOSE FUEL COCK AFTER STOPPING ENGINE.

BEFORE OPERATION PLEASE READ OWNER'S MANUAL.

NEVER use inside home or garage, EVEN IF doors and windows are open. Only use OUTSIDE and far away from windows, doors, and vents.



THE MAINTENANCE OF THE AIR CLEANER

- Check whether filter is blocked every 100 hours, and clean the filter.
- Replace filter element every 500 hours under normal working condition.
- Replace filter element to ensure engine performance in case replacement is necessary under bad working condition.

Rated Power: 5.0kW	Rated Voltage: 230V	Quality Class: A
Rated Frequency: 50Hz	Rated Current: 21.7A	Power Factor: 1.0
Phase: Single	Weight: 112kg	Class: G1

Serial # and Year of Manufacture on Crankcase Low power generator set EN 12601 5405

GT5500D

Symbols and Meanings

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.

V	Voltage		This is an electrical device. Follow instructions or electric shock may occur.
A	Current		Do not touch while operating.
Hz	Frequency (1Hz = 60r/min)		High temperatures and open fire could cause fuel tank to explode. Operate cautiously.
W	Power		Equipment will get hot during operation. Be careful not to scald skin.
RPM	Engine speed		Ensure generator is safely grounded before operating.
PF	Load transfer efficiency		Do not use the plug or electric device in the rain or get generator wet.
G1	Generator		Add engine oil
	Output power performance rate		Add fuel
5405	Conforms to relevant standards for electromagnetic compatibility		Wear hearing, eye and breathing protection.



Read the safety instructions before using the generator.



Only fill the generator in well-ventilated areas and keep it away from open flames sparks and cigarettes. Spilled fuel should be soaked up immediately. Switch off the engine and let it cool down before filling the generator. Fuel is easily flammable and may even explode under certain circumstances.



Gases such as carbon monoxide (colourless and odourless gas) are produced during operation which may lead to suffocation. Only use the generator in well ventilated areas.



Warning! Dangerous voltages are present when the generator is in operation. Generator must always be switched off before performing maintenance works.

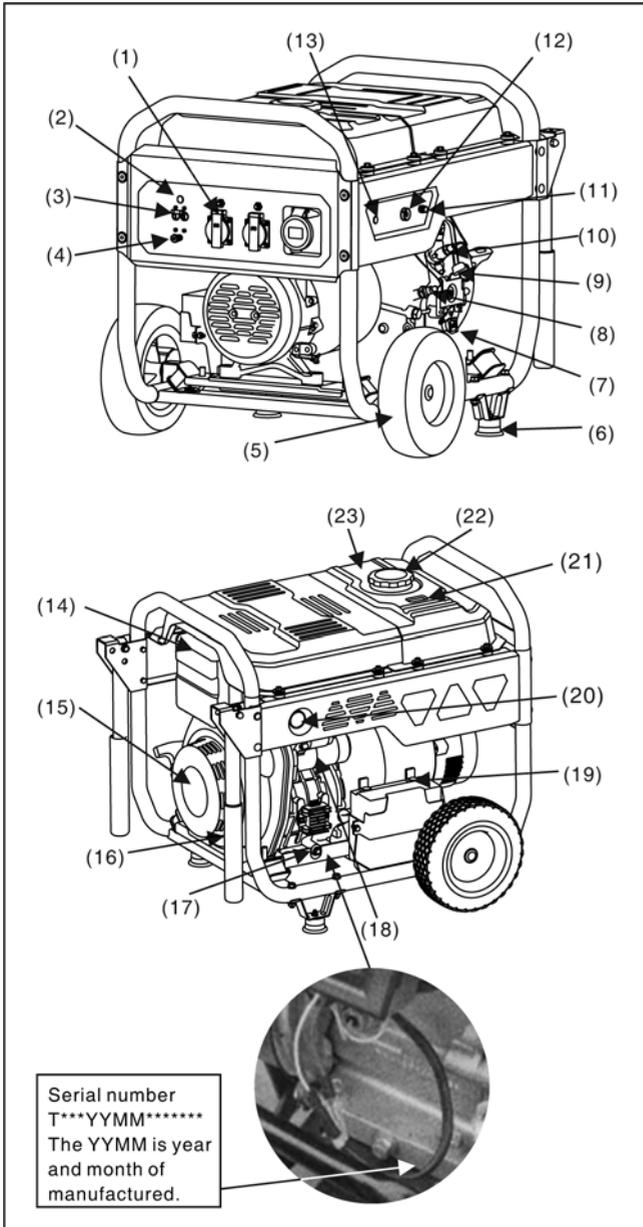


Wear ear protection when operating the generator. Disconnect all devices from the connections before performing maintenance works, before leaving the device and after switching it off.



The generator may not be connected to the public power supply. When the device is falsely connected there is a risk of fire material damage and even a fatal electric shock being suffered by the operator as is also the case when performing works on the public power supply.

Parts Diagram



- (1) AC Output
- (2) Output Indicator
- (3) AC Circuit Breaker
- (4) Ground Terminal
- (5) Wheel
- (6) Foot
- (7) Dipstick
- (8) Oil Sensor
- (9) Speed Control
- (10) Fuel Injection Pump
- (11) Fuse Link
- (12) Engine Switch
- (13) Oil Pressure Indicator
- (14) Air Filter
- (15) Recoil Starter
- (16) Handrail Pipe
- (17) Oil Drain Bolt
- (18) Starter Motor
- (19) Battery
- (20) Muffler
- (21) Fuel Gauge
- (22) Fuel Tank Cap
- (23) Fuel Tank

Serial number
T***YYMM*****
The YYMM is year
and month of
manufactured.

Parts Explained

Fuel Tank

Is used to hold fuel, use diesel fuel only.

Fuel Tank Cap

Is used to seal fuel tank - do not open it when machine is in operation.

Fuel Gauge

Indicates fuel level in the fuel tank.

AC Output

Provides the power supply. Refer to model's parameter table for its rated power. Load of each socket cannot exceed its rated current and total power of electric device cannot surpass rated power of the generator.

Do not start up several electric devices simultaneously but switch on another one after stable operation of one electric device.

AC Circuit Breaker

Will activate to protects the electric device when current exceeds the allowed current.

Output Indicator

Indicates the power supply status and will light up when the equipment is in operation.

Engine Switch

Starts up and switches off the engine.

Wheels

For ease of use when moving the generator.

Battery

For starting up the generator. If not used for three months the battery may need charging.

Dipstick

For measuring engine oil level. Ensure oil level is between MIN and MAX in the

dipstick of oil filler cap before use. Oil can be added after removing the oil filler cap

Oil Drain Bolt

Unscrew this bolt when replacing the engine oil. Drain out the old engine oil and dispose of it properly according to local laws avoiding damage to the environment

Foot

It is to support the generator.

Grounding Terminal

Is for earthing the generator. Refer to Page 12 for more information.

Handrail Pipe

Handle when lifted has a self locking structure and can be used to move the generator.

Starter Motor

Is to start up the engine.

Air Filter

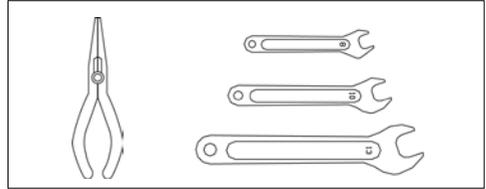
Is to filter air and remove impurities in the air entering the cylinder.

Muffler

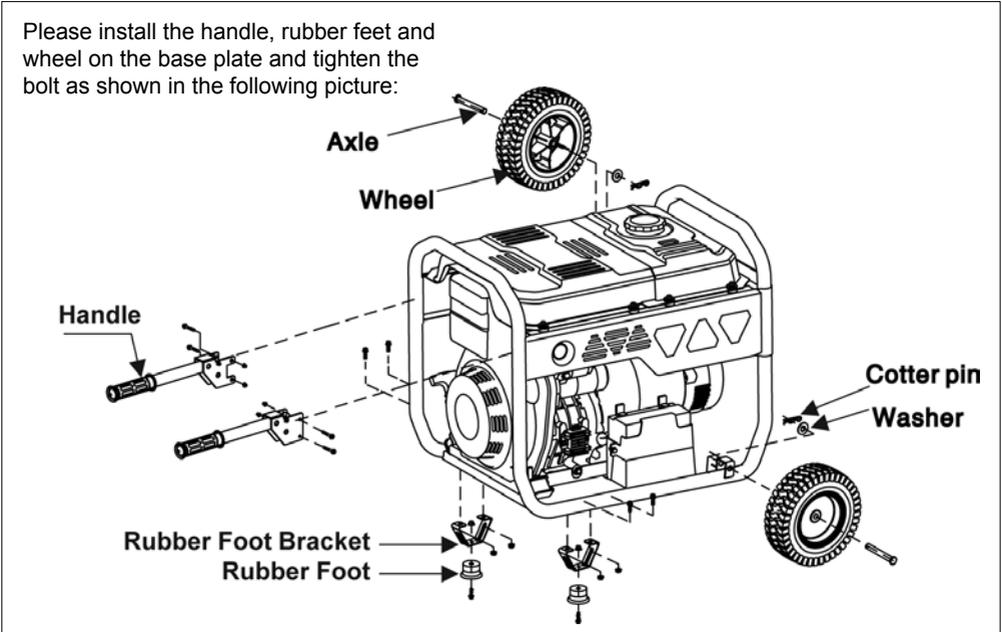
Eliminates noise during operation and also discharges high temperature exhaust Do not touch it to avoid burns.

Assembling the Generator

Wheel assemblies are included for the convenience of moving the generator. You will need the following tools:



Please install the handle, rubber feet and wheel on the base plate and tighten the bolt as shown in the following picture:



Preparation before Operating



NOTE: *Pre-operation checks should be made each time before operating.*



WARNING: *The engine and muffler will be very hot after the engine has been running. Avoid touching the engine and muffler while they are still hot with any part of your body or clothing during inspection or repair.*

Ground (Earth) Terminal

The Ground (Earth) terminal purpose is to connect the generator frame to a grounding point such as an earth stake to prevent against electric shock from the generator frame in the case of a short circuit or other electrical malfunction of the generator or the connected load. It is not required to be connected for operation of the generator, it is an additional safety feature. If in doubt if grounding protection is required for your application, please check with a registered electrician as to your local regulations.

Adding Engine Oil

The generator has been shipped without engine oil.



WARNING: Do not start the engine until filled with sufficient engine oil. Do not tilt the generator when adding oil. This could result in overfilling and damage to the engine.

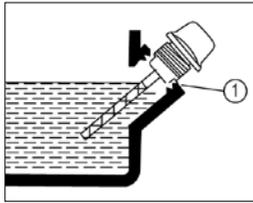
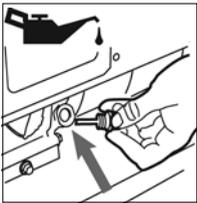
Recommended engine oil:

10W-30 Diesel Oil

Recommended engine oil grade:

API Service SE type or higher

Engine oil quantity: 1.6 L



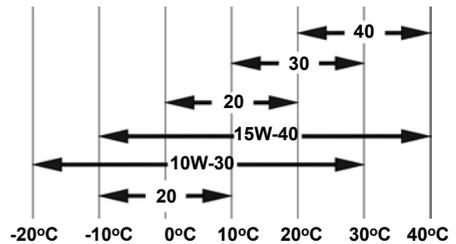
NOTE: Improper treatment of generator could damage it and shorten its life. DO NOT attempt crank or start the engine before it has been properly serviced with the recommended oil. This could result in an engine failure.

- Place generator on a flat, level surface.
- Remove oil cap and dipstick. Wipe dipstick clean.
- Using a funnel, slowly fill oil into engine through the oil filter until it reaches the full mark on the dipstick (1).
- Stop filling occasionally to check oil level. Be careful do not over fill.

- Install oil fill cap and fasten the cap properly.
- Check engine oil level before starting each time thereafter.

Oil Viscosity

Select the appropriate engine oil viscosity based on the ambient temperature and use the SAE Service Grade Viscosity in the Chart



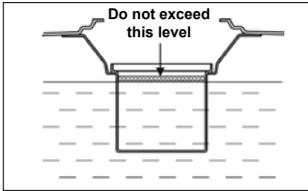
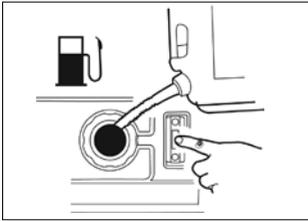
Service Categories: API - CD or higher
ACEA - E3, E4 and E5, JASO - DH-1

Adding Fuel

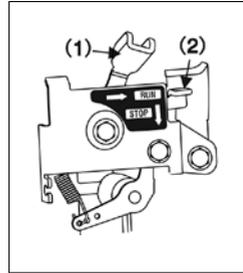
- Fuel is highly flammable and poisonous. Check SAFETY INFORMATION on pgs 4 - 6 carefully before filling.
- Do not overfill the fuel tank, otherwise it may overflow when the fuel warms up and expands.
- After filling the fuel, make sure the fuel fuel cap is tightened securely.
- Immediately wipe off spilled fuel with a clean dry cloth.
- USE DIESEL FUEL ONLY. The use of any other fuel will cause severe damage to internal engine parts.
- Total fuel tank capacity = 14.5 litres.



WARNING: Keep away from fire and heat when filling. Do not fill when operating generator.



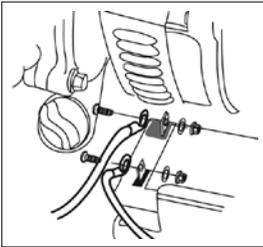
Set Engine Speed Control to Start



Move the lever (1) to the right and click into 'RUN' position (2).

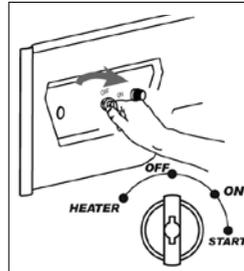
Connecting the Battery

Connect the battery wire to the battery - red for positive and green for negative.



Make sure the nut is screwed tightly. Do not make contact between positive and negative electrodes.

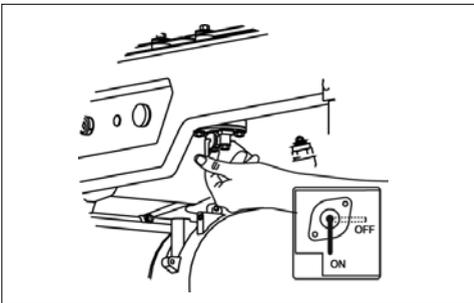
Insert the key into the key switch, Turn the start switch to the 'START' position.



Release the key as soon as the engine starts, it will return to the 'ON' position. If the engine doesn't start, Wait at least 30 seconds before you attempt to start the engine again.

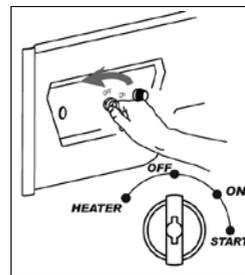
Turn On the Fuel Tap

Turn the fuel tap to 'ON' and let the fuel flow into the fuel pump.



Starting in Cold Weather

(Heating function is optional) When the engine is difficult to start in cold weather, turn the start switch to the 'HEATER' position for about 10-20 seconds and then release.



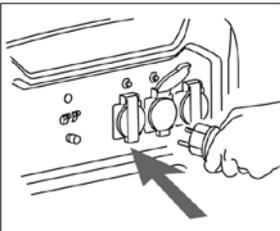
Warming up the Engine

After starting, Warm up the engine without load for about 3 minutes.



Connecting the Load

Access electric equipment and turn the circuit breaker to 'ON'.

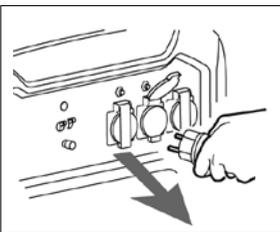


Please note that when several loads are used at the same time do not use the next one unless the former one is

running normally. The total power of the loads should not exceed the rated power of the unit.

Shutting Down the Generator

Disconnecting the Load

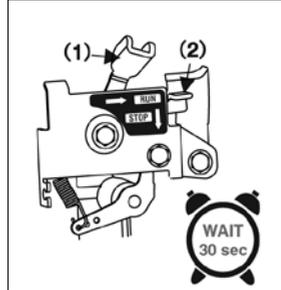


Disconnect the electric equipment from the control panel of the generator.

Set Engine Speed Control to Stop

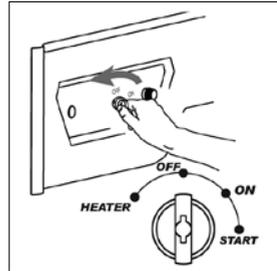
After 30 seconds of no-load running press down the stop button (2), the speed control

lever (1) will automatically return to the 'STOP' position.



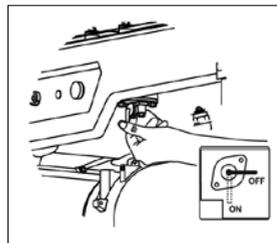
Turning off the Engine Switch

Turn off the engine switch and the generator unit will be shut down immediately.



Close the Fuel Tap

Turn off the fuel tap after the shutting down the generator

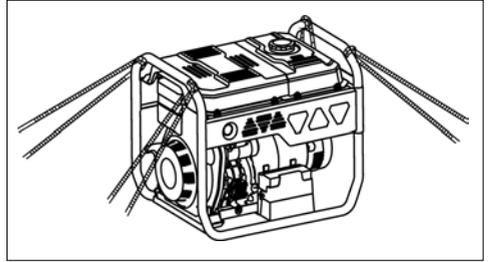


WARNING: The surface temperature of the generator is still high after shutting down and should not be moved or operated before cooling down in order to avoid scalding.

Transporting

Preventing Fuel Spillage

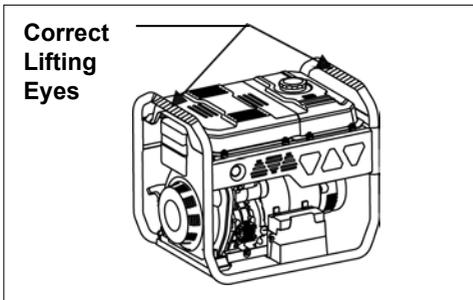
To prevent fuel spillage when transporting or during temporary storage, the generator should be secured upright in its normal operating position with the engine switch OFF. The fuel tap should be turned OFF.



Transporting the Generator

- Do not overfill the tank.
- 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.
- Take care not to drop or strike the generator when transporting.

To transport the generator, lift by the correct lifting eyes as shown below.



- Do not place heavy objects on the generator.
- When transporting the generator by loading it on to a vehicle, secure to the generator frame as shown.

Maintenance

Perform maintenance as shown below. More frequent service is required when operating in adverse conditions.

Maintenance Schedule

Daily:

Before Operation:

- **Nuts & Bolts** - check and tighten
- **Engine Oil** - Check and top-up
- **Oil Leakage** - Check
- **Air Filter** - Check - Clean or replace
- **Battery** - Check

Daily:

Before and After Operation:

- **Oil Leakage** - Check

After 20 Hrs:

- **Engine Oil** - Replace
- **Oil Filter** - Replace if damaged
- **Intake, Exhaust Valves & Head Clearance** - Adjust *
- **Air Cleaner Element** - Service frequently when used in dusty areas

Every 100 Hrs:

- **Engine Oil** - Replace
- **Oil Filter** - Replace if damaged
- **Air Cleaner Element** - Service frequently when used in dusty areas

Every 200 Hrs:

- **Air Cleaner Element** - Clean or replace
- **Fuel Tank** - Drain and Clean

Every 500 Hrs:

- **Fuel Piping** - Check and replace if damaged
- **Intake, Exhaust Valves & Head Clearance** - Adjust *

Every 1000 Hrs:

- **Fuel Filter** - Check and replace
- **Fuel Injection Nozzle** - Check *
- **Fuel Injection Pump** - Check *
- **Intake Exhaust Valve Seals** - Check * and lap
- **Piston Rings** - Replace *

* Indicates that special tools and skills are required.



NOTE: *If you are not familiar with maintenance work, have a GT POWER Service Dealer do it for safety.*



WARNING: *Stop the engine before starting maintenance work.*

Generator maintenance consists of keeping the unit clean and dry. Operate and store the unit in a clean dry environment where it will not be exposed to excessive dust, dirt, moisture or any corrosive vapours. Cooling air slots in the generator must not become clogged with debris.

- Check for any foreign materials while changing the engine oil and report to repair agent if necessary
- Check the cleanliness of the generator frequently and clean when dust, dirt, oil, moisture or other foreign substances are visible on its exterior surface.



CAUTION: *Never insert any object or tool through the air cooling slots, even if the engine is not running.*



NOTE: *DO NOT use a garden hose to clean generator. Water can enter the engine fuel system and cause problems. In addition, if water enters the generator through cooling air slots, some water will be retained in voids and crevices of the rotor and stator winding insulation. Water and dirt build-up on the generator internal windings will eventually decrease the insulation resistance of these windings.*

General Recommendations

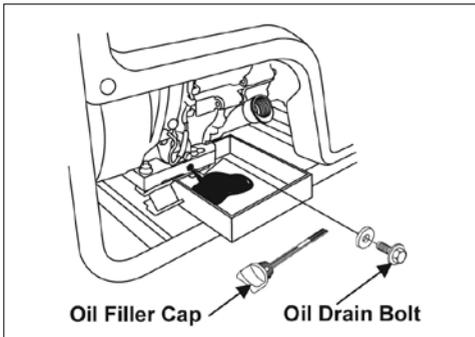
The warranty of the generator does not cover items that have been subjected to operator abuse or negligence. To receive full value from the warranty, the operator must maintain the generator as instructed in this manual.

Some adjustments will need to be made periodically to properly maintain the generator.

Engine Oil Replacement

Avoid draining the engine oil immediately after stopping the engine. The oil is hot and should be handled with care to avoid burns.

1. Place the generator on a level surface and warm up the engine for several minutes.
2. Loosen the screw and take off the engine oil sight glass.
3. Lift and incline the machine; take off the end cap at the bottom plate of machine
4. Remove the oil filler cap.



5. Place an oil pan under the engine, remove the oil drain bolt. Drain the oil from the oil tank.
6. Check oil filler cap, O-ring, Oil drain bolt and Oil filler cap packing .Replace immediately if damaged.
7. Assemble oil drain bolt and oil filler cap packing.
8. Add oil till to a suitable level tighten oil filler cap.
9. Assemble the end cap at the bottom of machine .
10. Insert and screw the oil filler bung in



after oil is level with the lower thread.
(Generator must be on a level surface)



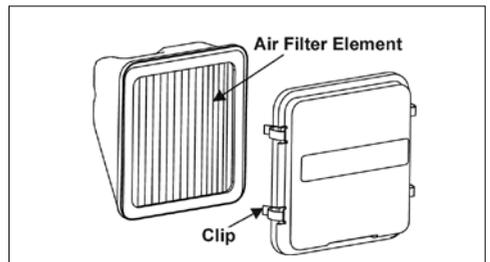
NOTE: Do not tilt the generator when adding engine oil. This could result in overfilling and damage to the engine.

Don't let foreign body fall into engine.

Oil and gasoline could pollute the environment. Do not throw it in the rubbish or pour it on the ground. Dispose of responsibly.

Air Filter

1. Remove air filter housing clips and front panel.
2. Remove paper filter and clean with compressed air carefully. Tap the filter on the ground sharply to remove debris. Take care when using compressed air around the filter element as it is easily damaged - use low air pressure.
3. Replace element, cover and clip into place.



Valve Clearance

Valve clearance should be done by a GT Power Registered Service Technician.

The clearances are 0.1mm for the inlet valve and 0.15mm for the exhaust valve.

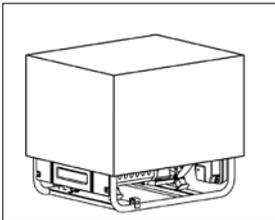
Storage

Long term storage of your machine will require some preventive procedures to guard against deterioration.

- Add 5mls of FUELSET fuel conditioner to the fuel tank if you are not using it daily
- Leave oil and fuel in the generator and start once every 3 months and run for 5 mins.
- If not used for a period longer than one year the engine oil and fuel must be drained and replaced as per instructions before use.

Protecting the Generator

The unit should be stored in a clean and dry place and should be protected from rain



and high temperature. Shield the unit with paper box or plastic bag to prevent dust from entering the unit.

Environmental Requirements

The environmental requirements of the generator are as follows:

Suitable temperature: -10-40°.

Suitable humidity: Lower than 95%.

Suitable altitude: Under 1000 metres (it should be used with lower power in districts higher than 1000 metres).

The generator set can only be loaded to the rated power under the specified environment conditions. If the environment conditions are inconsistent with the above standards or if the cooling conditions of the engine and generator set are defective (for example when running in limited areas) it is necessary to reduce the power. It is also necessary to reduce the power when the temperature altitude and relative humidity exceed the standards.

Troubleshooting

The generator will not start

- *Check diesel fuel is full - top up if necessary.*
- *Check switch is on - turn fuel switch to 'ON' position.*
- *Check fuel switch isn't blocked - Clean if blocked.*
- *Check engine oil - top up if necessary.*
- *Ensure speed control is in the 'RUN' position.*
- *If starter motor does not operate or rotates too slowly - Clean terminals, retighten, check battery and re-charge if necessary.*

Generator won't produce power

- *Check circuit breaker is connected - turn to 'ON' position.*
- *Check plug contacts are connected - Replace socket if necessary.*

Vibration while operating

- *Check diesel fuel - fill fuel tank if necessary.*

Generator emits white smoke

- *The temperature of the engine may be too low - Run the engine with no load for more than 10 minutes.*
- *The fuel oil may be contaminated - Replace with clean oil.*

Generator emits black smoke

- *The air filter may be dirty - Clean the filter element of the air filter.*
- *The load may be too high - Reduce load to the rated limit.*

Generator emits blue smoke

- *There may be too much engine oil - Drain some oil.*
- *The engine oil used may be the wrong type - Drain oil and replace with appropriate engine oil.*

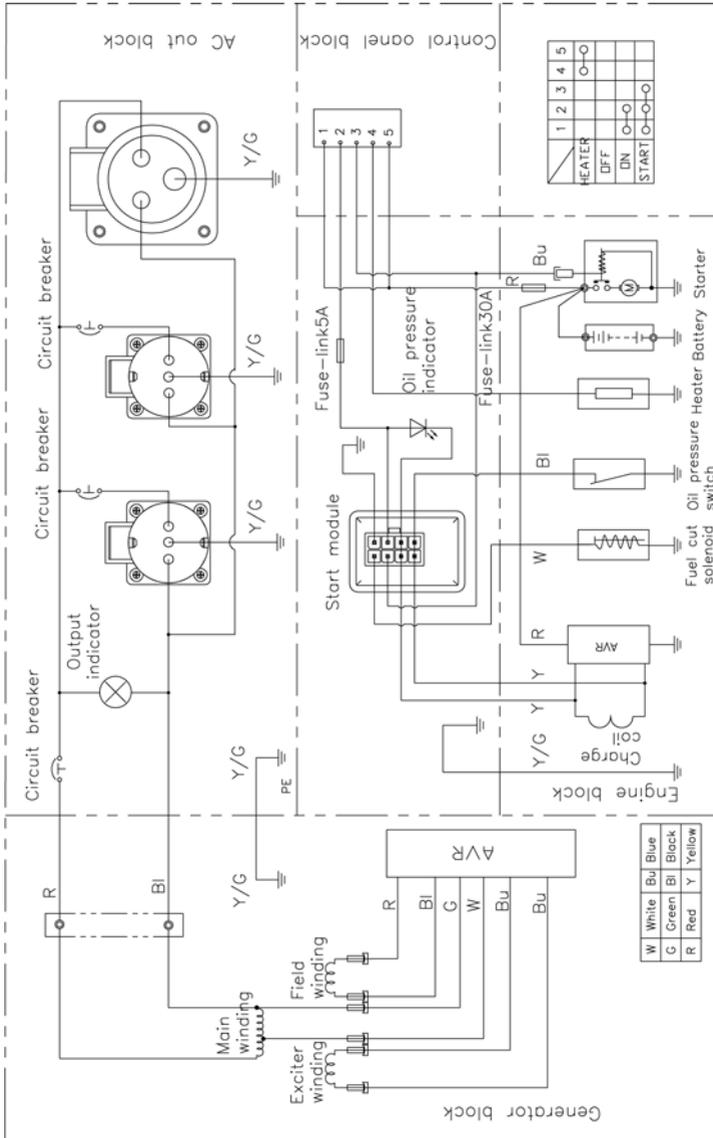
The power decreases

- *The fuel system may be blocked - Have a qualified GT Power Technician purge the fuel system and check filters.*
- *The air filter element may be clogged - clean or replace air filter element.*

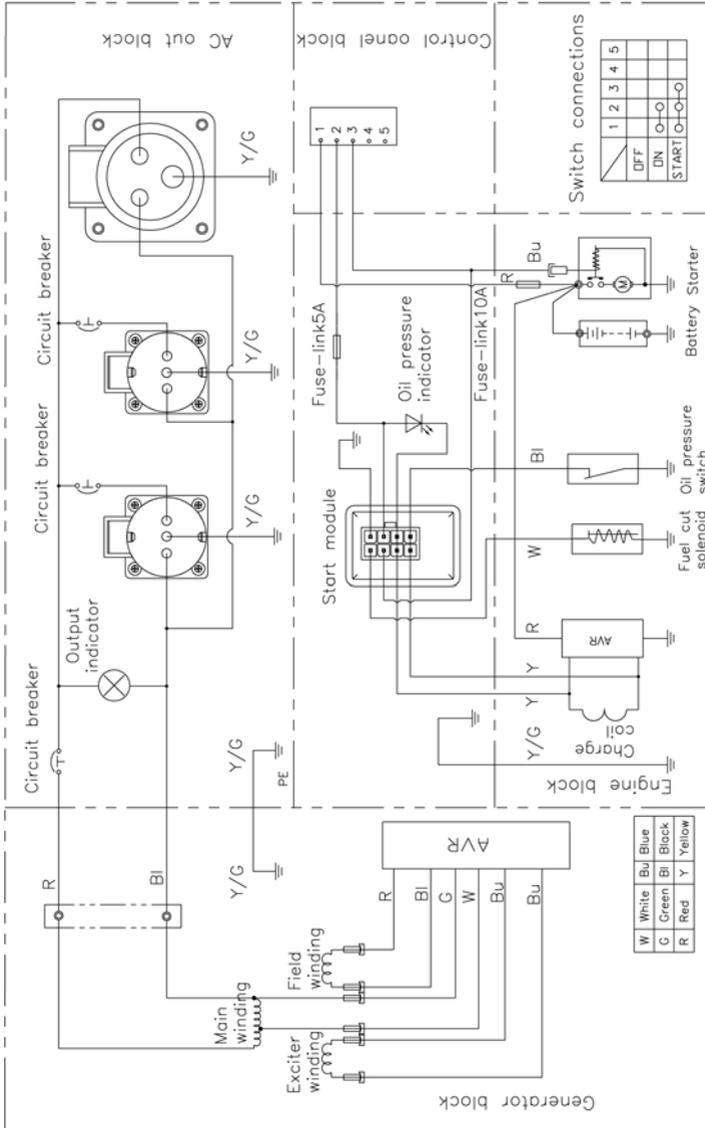
If problem persists contact your local registered GT Power Service Dealer or visit www.gtpower.co.nz for more information.

Electrical Diagrams

230V / 50Hz - With heater
SE Certified



230V / 50Hz - Without heater SE Certified



Calculating Your Power Needs

Firstly add up all the “running wattage” requirements for all items that you need to power simultaneously. Next, add to that total the highest of the “starting wattages” you listed down. Now you know approximately how much power you need to start and run your appliances and equipment.

Item	Running Watts	Starting Watts
Essentials		
Light Bulb	100	100
Refrigerator/Freezer	1200	2400
Sump Pump	600	1800
Well Pump 1HP	2000	4000
Water Heater	4000	
Security System	180	
AM/FM Radio	300	
Garage Door Opener ½ HP	500	600
Battery Charger 12V	110	
Heating and Cooling		
Air Conditioner 12000 BTU	1700	2500
Fan	300	600
Furnace Fan 1/3 HP	1200	2000
Home Appliances		
Microwave	1000	
Electric Range – One Element	1500	
Electric Skillet	1250	
Coffee Maker	1500	
Clothes Washer	1200	
Entertainment		
CD/DVD Player	100	
Stereo Receiver	450	
Television 27”	500	
PC with 15” Monitor	800	
Job Site		
Belt Sander 3”	1000	1500
Bench Grinder 6”	700	1500
Circular Saw	1500	1500
Compressor 1 ½ HP	1000	1000
Edge Trimmer	500	500
Hand Drill ½”	1000	1000
Paint Sprayer	600	1200
Table Saw	2000	2000

These are estimates only. Check your tool or appliance for exact wattage requirements. The wattages listed are based on estimated wattage requirements.



GT5500D POWER DIESEL GENERATOR

Warranty

Whilst every effort is made to ensure your complete satisfaction with this tool, occasionally, due to the mass manufacturing techniques, a tool may not live up to our required level of performance and you may need the assistance of our service department.

This product is warranted for a 12 month period from the date of the original purchase. If found to be defective in materials or workmanship, the tool or the offending faulty component will be replaced free of charge with another of the same item. A small freight charge may apply. Proof of purchase is essential.

We reserve the right to reject any claim where the purchase cannot be verified. This warranty does not include damage or defects to the tool caused by or resulting from abuse, accidents or alterations. It also does not cover any bonus items or included accessories. Only the generator is covered under this warranty.

Please ensure that you store your receipt in a safe place. Conditions apply to the above warranty.

1. **DURATION:** The manufacturer warrants that it will repair or replace, at no charge for parts or labour, the GT POWER Generator, if proven defective in material or workmanship, during the following time period(s) after date of original retail purchase:

For 1 Year:

The GT POWER GT5500D Generator
(excluding accessories)

2. **WHO GIVES THIS WARRANTY (Warrantor):**

EUROQUIP NZ and EUROQUIP AUSTRALIA

Visit www.gtpower.co.nz for service requirements and to register your warranty.

3. **WHO RECEIVES THIS WARRANTY (Purchaser):**

The original purchaser of this GT POWER Generator

4. **WHAT IS COVERED UNDER THIS WARRANTY:**

Defects in material and workmanship which occur within the duration of the warranty period.

5. **WHAT IS NOT COVERED UNDER THIS WARRANTY:**

A. Implied warranties, including those of merchantability and FITNESS for a particular purpose are limited in duration to this express warranty. After this period, all risks of loss, from whatever reason, shall be on the purchaser.

B. ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE OR MALFUNCTION OF THIS PRODUCT.

C. This warranty does not apply to any accessory or consumable items included with the product which are subject to wear from usage; the repair or replacement of these items shall be at the expense of the owner. These items include, but are not limited to: seals, o-rings, recoil starter parts, etc. In addition, this warranty does not extend to any damage caused by the untimely replacement or maintenance of any of the previously listed CONSUMABLE parts.

D. Any failure that results from accident, purchaser's abuse, neglect or failure to operate products in accordance with instructions provided in the owner's manual(s) supplied with the product.

E. Pre-delivery service, i.e. assembly and adjustment.

6. **RESPONSIBILITIES OF WARRANTOR UNDER THIS WARRANTY:** Repair or replace, at Warrantor's option, products or components which have failed within duration of the warranty period.

7. **RESPONSIBILITIES OF PURCHASER UNDER THIS WARRANTY:**

A. Please call your re-seller or the number listed above for warranty assistance.

B. Provide dated proof of purchase and maintenance records.

C. All generators must be delivered or shipped to the nearest Service Agent or re-seller. Freight costs, if any, must be borne by the purchaser.

D. Use reasonable care in the operation and maintenance of the products as described in the owner's manual(s).

E. No warranty costs incurred will be considered for, or covered if Euroquip has not been contacted and prior permission for repair / replacement has been granted.

8. **WHEN WARRANTOR WILL PERFORM REPAIR OR REPLACEMENT UNDER THIS WARRANTY:**

Repair or replacement will be scheduled and serviced according to the normal work flow at the servicing location and depending on the availability of replacement parts.



GT5500D POWER DIESEL GENERATOR





Congratulations on your new GT POWER product. We are proud to have you as our customer and will strive to provide you with the best service and reliability in the industry. This product is backed by our extensive warranty and world-wide service network. To locate your nearest distributor or service agency visit www.gtpower.co.nz, or email us at info@euroquip.co.nz.