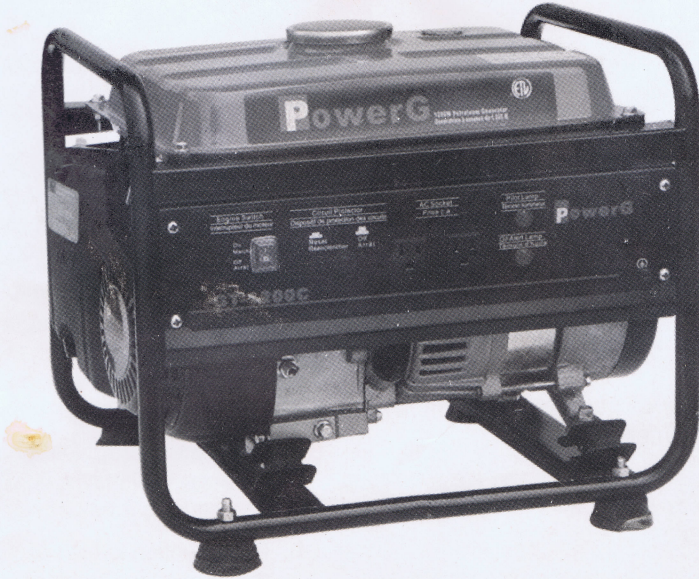


GT1200C Owner's Manual



Questions?

If you have a question, please call:
1-877-893-1113

Model #: GT1200C
Product #: 055-0334-6
Serial #: _____
Purchase Date: _____

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SAFETY PRECAUTIONS

WARNING

To reduce the risk of serious injury, read the following important instructions and precautions before operating this machine.

1. Read all instructions in this manual before using this machine.
2. Use this machine only as described in this manual.
3. It is the responsibility of the owner to ensure that all users of this machine are adequately informed of all precautions.
4. Inspect and tighten all parts regularly. Replace any worn parts immediately.
5. Never operate the machine if it has been dropped or damaged. Keep the product out of use until the defective parts are replaced.
6. Do not operate the generator near gasoline or gaseous fuel because of the potential dangerous of explosion or fire.

Do not fill the fuel tank with fuel while the engine is running. Do not smoke or use open flame near the fuel tank. Be careful not to spill fuel during refueling. If fuel is spilt, wipe it off and let dry before starting the engine.
7. Do not place flammables near the generator.

Be careful not to place fuel, matches, gunpower, oily cloths, straw, trash, or any other flammable materials near the generator.
8. Do not operate the generator inside a room, cave, tunnel, or other insufficiently ventilated area.

Always operate it in a well-ventilated area, otherwise the engine may become overheated, and the poisonous carbon monoxide gas contained in the exhaust gases will endanger human lives. Keep the generator at least 1 meter (3 feet) away from any structure or building while use.
9. Must Operate the generator on a level surface. It is not necessary to prepare a special foundation for the generator. However, the generator will vibrate on an irregular surface, so choose a level place without surface irregularities.

If the generator is tilted or removed during operation, fuel may spill/ or the generator may tip over, causing a hazardous situation.
10. Pay attention to the wiring or extension cords from the generator to the connected device.

If the wire is under the generator or in contact with a vibrating part, it may brake and possibly cause a fire, generator burnout, or electric shock hazard. Replace damaged or worn cords immediately.
11. Do not operate in rain, in wet or damp conditions, or with wet hands. The operator may suffer severe electric shock if the generator is wet due to rain or snow.
12. If wet, wipe and dry it well before starting. Do not pour water directly over the generator, nor wash it with water.
13. Be extremely careful that all necessary electrical grounding procedures are followed during each

and every use. Failure to do so can be fatal.

14. Do not connect the generator to a commercial power line. Connection to a commercial power line may short circuit the generator and ruin it or cause electric shock hazard. Use the transfer switch for connecting to domestic circuit.
15. Engine becomes extremely hot during and for some time after operation. Keep combustible material well away from generator area. Be very careful not to touch any parts of the hot engine especially the muffler area or serious burns may result.
16. Keep children and all bystanders at a safe distance from work areas.
17. Always switch off generator and disconnection tools or appliances when not in use, before servicing, adjusting, or installing accessories and attachments.

Note: Other damage prevention messages are mentioned throughout this manual.

HOW TO USE

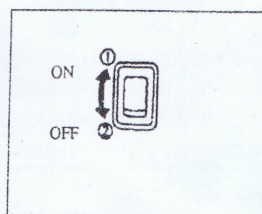
Control Function

ENGINE SWITCH

The engine switch controls the ignition system.

“ON” Ignition circuit is switched on. The engine can be started.

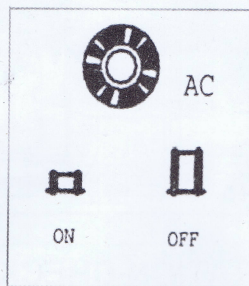
“OFF” Ignition circuit is switched off. The engine will not run.



AC BREAKER (Non-Fused Breaker N.F.B.)

The AC breaker turns off automatically when the load exceeds the generator rated output.

CAUTION: Reduce the load to within specified generator rated output if the AC breaker (N.F.B) turns off.



Operation

CAUTION:

- The generator has been shipped without engine oil. Fill oil before starting the machine.
- NEVER run your generator indoors or in poorly ventilated areas. Engines produce carbon monoxide, an odorless, colorless and poisonous gas, which can cause nausea, fainting and death.

STARTING THE ENGINE

NOTE: Before starting the engine, do not connect the electric apparatus.

1. Turn the AC switch to “ON”
2. Turn the fuel cock lever to “ON”
3. Turn the engine switch to “ON”
4. Turn the choke lever. However, the choke is not required to start a warm engine.
5. Pull slowly on the recoil starter until it is engaged, then pull it briskly. Take your hand off the recoil starter immediately after the engine starts.
6. Let the engine warm up. Move choke lever toward the operating position a short distance at a time over several seconds in warm weather or minutes in cold weather. Let engine run smoothly before each change.
7. Turn the choke lever back to the operating position.

CONNECTION: AC OUTPUT

1. Start the engine.
2. Plug into AC socket. Note: Make sure the pilot light is on or voltage meter indicates the rated voltage.
3. Turn on the electric apparatus.

CAUTION:

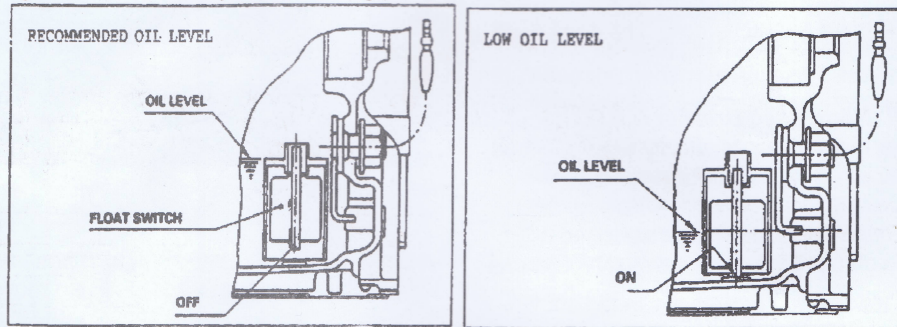
- Be sure the electric apparatus is turned off before plugging in.
- Be sure the total load is within generator rated output.
- Be sure the socket load current is within socket rated current.
- Reduce the load to within specified generator rated output if the AC switch is turned off.

STOPPING THE ENGINE

1. Turn off the electric apparatus.
2. Disconnect the electric apparatus.
3. Turn the engine switch to "OFF".
4. Turn the fuel cock lever to "OFF".

OIL SENSOR

- The oil sensor detects a fall in oil level in the crankcase and automatically stops the engine when the oil levels fall down below the required operating limit.
- When the engine stops automatically, check the oil level.
- If the engine can not start by usual starting procedures, check the oil level.



PRE-OPERATION CHECK

NOTE: Pre-operation checks should be made each time when the generator is used.

CHECK ENGINE FUEL

1. Check fuel level with the tank cap removed.
2. If fuel level is low, refill with unleaded automotive gasoline.
3. Be sure to use fuel filter screen on the fuel filter neck.

Recommended fuel: Unleaded gasoline

Fuel tank capacity: 5L

WARNING:

- Fuel is highly flammable.
- Do not fill above the top of the fuel fill or it may overflow when the fuel heats up later and expands. Add fuel until level is approximately 1 inch from top of fuel fill.
- After refueling, make sure the tank cap is tightened securely

CHEC

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Spark

Engine

Air Filt

Fuel Fi

Valve C

Fuel Li

Exhaus

Carbur

Cooling

Startin

Decarb

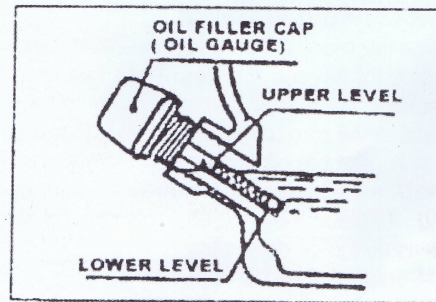
Fittings

Faster

CHECK ENGINE OIL

1. Before checking or refilling oil, be sure the generator is put on a stable and level surface with engine stopped.
2. If oil level is below the lower level, refill with suitable oil to upper level line. Do not screw in the oil filler cap when checking oil level.

Oil capacity: 0.37L
 Recommended oil: In Summer: SAE30
 In Winter: SE 5W/30



GROUNDING

- Ensure to ground the generator before operating the machine.

DETERMINE ELECTRICAL LOAD

- Determine electrical load to prevent overloading

WARNING: If your generator is to be used as a stand-by power source in case of utility power failure, a double-throw transfer switch should be installed by a licensed electrician. Failure to do so could result in a backfeed electrocuting utility personnel working on downed power lines.

MAINTENANCE

MAINTENANCE CHART

Regular maintenance is most important for the best performance and safe operation.

Item	Remarks	Pre-Operation check (daily)	Initial 1 month or 20 Hr	Every 3 months or 50 Hr	Every 6 months or 100Hr	Every 12 months or 300Hr
Spark Plug	Check conditions adjust gap and clean. Replace if necessary.			✓		
Engine Oil	Check oil level	✓				
	Replace		✓		✓	
Air Filter	Clean. Replace if necessary.			✓		
Fuel Filter	Clean fuel filter. Replace if necessary.				✓	
Valve Clearance	Check and adjust when engine necessary.					✓
Fuel Line	Check fuel hose for crack or damage. Replace if necessary.	✓				
Exhaust System	Check for leakage. Retighten or replace gasket if necessary.	✓				
	Check muffler screen.				✓	
Carburetor	Check choke operation.	✓				
Cooling System	Check fan damage.					✓
Starting System	Check recoil starter operation.	✓				
Decarbonization	Clean more frequently if necessary.					✓
Fittings/ Fasteners	Check all fittings and fasteners correct if necessary.				✓	

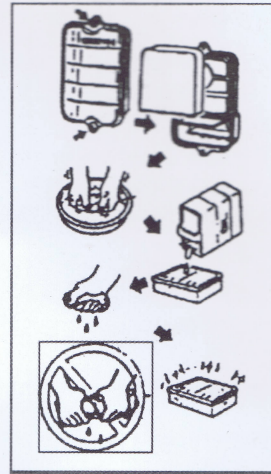
ENGINE OIL REPLACEMENT

1. Place the machine on a level surface and warm up the engine for several minutes. Then stop the engine.
2. Remove the oil filler cap.
3. Place an oil pan under the engine. Remove the oil drain plug so that the oil can be completely drained.
4. Check the oil drain plug, gasket, oil filler cap and "o"-ring. Replace if damaged.
5. Reinstall the oil drain plug.
6. Add engine oil to the upper level.

Recommended oil: In Summer Season: SAE30
In Winter Season: SAE 5W30

Recommended engine oil classification:

- API Service "SE" or "SF"; if not available, "SD".
- Be sure no foreign material enters the crankcase.

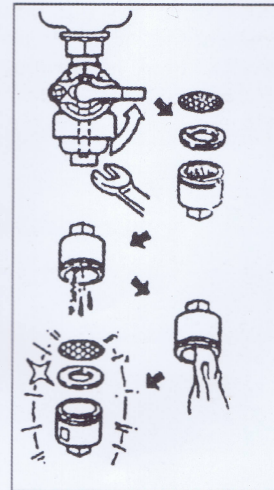


AIR FILTER

- Maintaining an air cleaner in proper condition is very important.
- Dirt induced through improperly installed, improperly serviced, or inadequate elements damages and wears out engines, keep the element always clean.
 1. Take out the air cleaner, clean it well in kerosene and dry it.
 2. After wetting the element by clean engine oil, squeeze it tight by hand.
 3. Lastly, put the element in the case and install it securely.

SPARK PLUG INSPECTION NOTES

- Standard electrode color
- Tan Color
- Spark Plug Gap: 0.7-0.8mm (0.028-0.031in)



FUEL COCK

1. Stop the engine and turn the fuel cock level to "OFF"
2. Clean with solvent and wipe off.
3. Check the gasket and replace if damaged.

WARNING: Be sure the fuel tank cap is securely tightened.

STORAGE

Long term storage of your machine will require some preventive procedures to guard against deterioration. If you plan to keep fuel in your generator, you should run it for at least 30 minutes per month. If not, it may be difficult to start during an emergency.

1. Replenish engine oil to the upper level.
2. Drain gasoline from the fuel tank, fuel line and carburetor float bowl.
4. Utilize a fuel stabilizer when fuel is in tank.
5. Pour one tablespoon of SAE 10W30 or 20W40 of oil through the spark plug hole.
6. Pull the recoil starter several times and replace the spark plug.
7. Pull the starter until you feel the piston on the compression stroke and leave it in this position.
8. Clean exterior of the generator and apply a rust inhibitor.
9. Cover and store in a dry, well-ventilated area. Note: The generator must remain in a horizontal position.

NOTE: Do not keep the engine out in the cold weather when not using the generator.

TROUBLESHOOTING

ENGINE WILL NOT START

If the engine does not start, review the following checklists to ensure the machine is working properly:

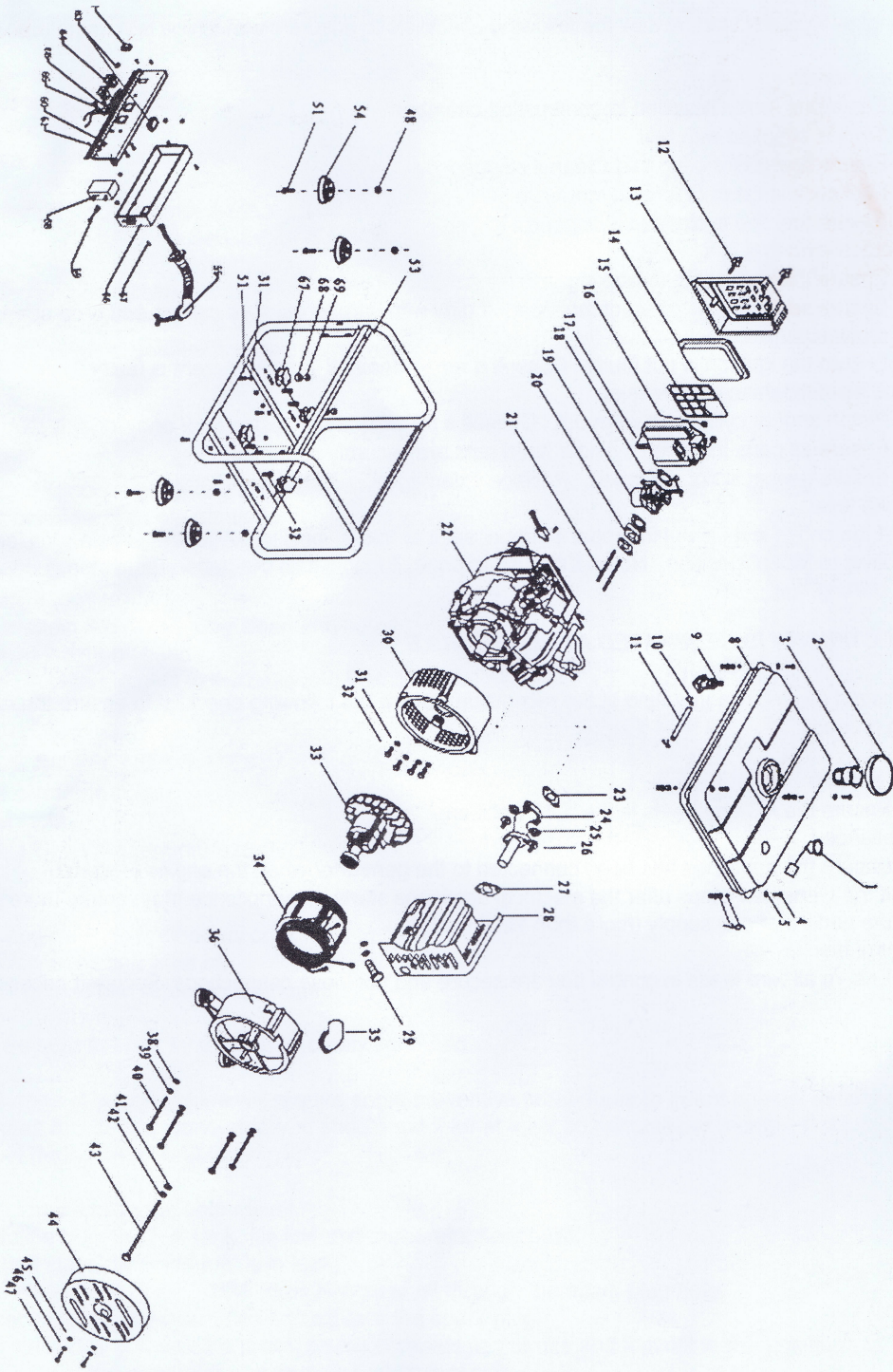
1. Fuel systems
 - Ensure no fuel is supplied to combustion chamber
 - Tank is supplied with fuel.
 - Ensure fuel line is clear and Clean if clogged
 - Fuel cock is clean of foreign materials
 - Ensure fuel line is cleaned if clogged
2. Electrical systems
 - Ensure the spark plug is working.
 - Ensure spark plug is clean of moisture. If dirty with carbon, remove carbon and wipe spark plug or replace plug.
 - Ensure the ignition is not faulty. Consult a repair dealer if ignition system is faulty.
3. Insufficient machine compression
 - Piston and/ or cylinder is worn out. Consult a repair dealer if piston and/ or cylinder is worn out.
 - Ensure all parts including cylinder head nuts are securely tightened.
 - Ensure gasket is not damaged. Replace if damaged.
4. Choke level
 - If the choke level is not in proper position, set it to "close" position. After the engine runs, set the choke level to "open" position. Note: If this is not done, it may cause the generator to stop suddenly after starting.

NO ELECTRICITY IS GENERATED AT RECEPTACLE

If there is not electricity generating at the receptacle, review the following checklist to ensure the machine is working properly:

1. AC breaker
 - Ensure the AC breaker is in the "ON" position.
2. Appliance
 - Ensure the appliance has been connected to the generator when the engine is started.
 - If the Generator stops after the electrical appliance starts, the appliance may require more power than the generator can supply (more than 1200 watts).
3. Control box
 - Ensure all wire leads in control box are secure and not loose connections. Secure if necessary.

EXPLODED DRAWING



CT1200C GENERATOR SET PARCIAL PICTURE

PART LIST

Your model number is: GT1200C

PARTS LIST/ LISTE DES PIÈCES				PARTS LIST/ LISTE DES PIÈCES			
N° RÉF	DESCRIPTION		QTY	N° RÉF	DESCRIPTION		QTY
	ENGLISH	FRANÇAIS			ENGLISH	FRANÇAIS	
1	FUEL METER	INDICATEUR D'ESSENCE	1	34	STATOR ASSY	ENSEMBLE STATOR	1
2	FUEL TANK CAP	BOUCHON DU RÉSERVOIR D'ESSENCE	1	35	MAGNETO WIRE PROTECT COVER	COUVERCLE PROTECTEUR DU CÂBLE MAGNÉTO	1
3	FUEL TANK FILTER	FILTRE DU RÉSERVOIR D'ESSENCE	1	36	REAR COVER	COUVERCLE ARRIÈRE	1
4	HEXAGON FLANGE BELT	BOULON HEXAGONAL À ÉPAULEMENT	4	38	GASKET	JOINT	4
5	GASKET 6	JOINT	4	39	SPRING GASKET	RESSORT DU JOINT	4
6	SCREW GASKET	JOINT DE VIS	4	40	FLANGE BOLT	BOULON À ÉPAULEMENT	4
7	ANTI-VIBRATION GASKET	JOINT AMORTISSEUR	4	41	GASKET	JOINT	1
8	FUEL PIPE	RÉSERVOIR D'ESSENCE	1	42	SPRING GASKET	RESSORT DU JOINT	1
9	FUEL SWITCH	ROBINET D'ESSENCE	1	43	HEXAGON FLANGE BELT	BOULON HEXAGONAL À ÉPAULEMENT	1
10	FUEL PIPE HOOP	FRETTE DU TUYAU D'ESSENCE	2	44	MAGNETO COVER	COUVERCLE DU MAGNÉTO	1
11	OIL PIPE	TUYAU D'HUILE	1	45	GASKET	JOINT	2
12	BOLT	BOULON	2	46	SPRING GASKET	RESSORT DU JOINT	2
13	AIR FILTER CAP	COUVERCLE DU FILTRE À AIR	1	47	BOLT	BOULON	2
14	FOAM FILTER	FILTRE EN MOUSSE	1	48	FLANGE LOCKED NUT M8	ÉCROU À EMBASE AUTOFREINÉ M8	6
15	AIR FILTER CLAPBOARD	CLAPET DU FILTRE À AIR	1	51	HEXAGON FLANGE BELT	BOULON HEXAGONAL À ÉPAULEMENT	8
16	FLANGE LOCKED NUT	ÉCROU À EMBASE AUTOFREINE	6	53	FRAME	BÂTI	1
17	AIR FILTER BASE	BASE DU FILTRE À AIR	1	54	ANTI-VIBRATION FEET	PIEDS ANTIVIBRATIONS	4
18	SUCTION PIPE SEALED	TUYAU D'ASPIRATION SCÉLLÉ	1	55	FLEX TUBE	TUBE FLEXIBLE	1
19	CARBURETOR	CARBURATEUR	1	56	ELECTRIC APPLIANCE BOX	BOÎTIER POUR APPAREILS ÉLECTRIQUES	1
20	SUCTION PIPE	TUYAU D'ASPIRATION	1	57	HEXAGON FLANGE BELT	BOULON HEXAGONAL À ÉPAULEMENT	2
21	DOUBLE END BELT	BOULON DOUBLE	2	58	CAPACITOR	CONDENSATEUR	1
22	ENGINE	MOTEUR	1	59	BOLT	BOULON	1
23	EXHAUST PIPE GASKET	JOINT DU TUYAU D'ÉCHAPPEMENT	1	60	PANEL	PANNEAU	1
24	EXHAUST PIPE	TUYAU D'ÉCHAPPEMENT	1	61	BOLT	BOULON	4
25	FLANGE LOCK NUT M8	ÉCROU À EMBASE AUTOFREINE	2	62	ENGINE SWITCH	INTERRUPTEUR DU MOTEUR	1
26	HEX FLANGE BELT M6x20	BOULON HEXAGONAL À ÉPAULEMENT	2	63	AC CIRCUIT PROTECTOR	DISPOSITIF DE PROTECTION DES CIRCUITS CA	1
27	MUFFLER GASKET	JOINT DU SILENCIEUX	1	64	AC SOCKET	PRI E CA	2
28	MUFFLER	SILENCIEUX	1	65	OIL LAMP	TÉMOIN D'HUILE	1
29	HEXAGON FLANGE BELT M6x12	BOULON HEXAGONAL À ÉPAULEMENT	1	66	PILOT LAMP	TÉMOIN LUMINEUX	1
30	FRONT COVER	COUVERCLE AVANT	1	67	SLANTING ANTI-VIBRATION	PIED ANTI-VIBRATION INCLINE	4
31	FASTEN GASKET	JOINTS DES ATTACHES	4	68	ANTI-VIBRATION GASKET	JOINT ANTI-VIBRATION	2
32	HEXAGON FLANGE BELT M8x20	BOULON HEXAGONAL À ÉPAULEMENT M8 X 20 MM	4	69	SCREW GASKET	JOINT DE VIS	2
33	ROTOR ASSY	ENSEMBLE ROTOR	1				

ORDER REPLACEMENT PARTS

To order replacement parts, call toll-free the following toll free number: 1-877-893-1113. When ordering parts, please be prepared to give the following information:

- Model number: GT-1200C
- The product number: 055-0334-6
- The name of the product: 1200W petroleum Generator

GENERATOR SPECIFICATIONS

Generator Dimensions

Length	450mm/17.75 inches
Width	350mm/14 inches
Height	375mm/ 14.75 inches
Dry Weight	28kg /52.5 lbs

Generator Specifications

AC Output	Type	Single Phase - Brushless
	Peak Power	1.2KW
	Rated Output	1.0 KW
	Rated Voltage	120V
	Rated Ampere	9.1 Amps
	Rated Frequency	60 Hz
	Starting System	Manual - Recoil Start

Engine Specifications

Item	Specifications
Model	LY152FD-A
Engine Family	6YKFS.0811GA EM
Displacement	81cc
Horsepower	2.4 hp
Bore x Stroke	52 x 38 mm
Compression Ratio	7.7:1
Engine Speed	3600 rpm
Cooling System	Forced Air
Ignition System	Transistor Controlled Ignition (T.C.I.)
Oil Capacity	37 litres or 13 fluid ounces
Fuel Tank Capacity	5 litres
Spark Plug	Torch E7RTC/Champion RL82YC
Spark Plug Gap	0.7 - 0.8mm (.0028 - 0.031 in)

LIMITED WARRANTY

This 1200 petrol Generator is warranted to be free, for one year from the date of retail purchase, from defects in materials or workmanship subject to the following exclusions:

- a) Any part which has become inoperative due to abuse, misuse, professional or commercial use, lack of proper maintenance as specified in this owners manual, or accidental damage;
- b) Normal wear & tear parts such as spark plugs, starter cords and air filters;
- c) Routine maintenance and consumable items such as fuel, lubricants, tune-ups or adjustments;

TO OBTAIN WARRANTY SERVICE return to the point of purchase, with your receipt.