



TMG POWER

GASOLINE GENERATOR



USER'S MANUAL

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ADD OIL as PER OWNERS MANUAL BEFORE USE

**GENERATOR IS NOT INTENDED FOR WORK
WELDING EQUIPMENT!**

SPECIFICATION | 1

Model Name		GG3600	GG3600E	GG7500E	GG7500E-1
Engine	Engine	170F	170F	190F	190F
	Engine Rated Power(HP)	7.0	7.0	15.0	15.0
	Displacement(ml)	208	208	420	420
	Engine Model	4-stroke OHV single-cylinder gasoline engine with forced air-cooled			
	Engine Rated Rotate Speed(rpm)	3000			
	Voltage Adjust Type	AVR			
	Ignition System	CDI			
	Start Method	Electric Start			
	Fuel Tank Capacity(L)	15	15	25	25
	Engine Oil Capacity(L)	0.6	0.6	1.1	1.1
	Decibel Level(dB)	≤ 97	≤ 97	≤ 97	≤ 97
	Frequency(Hz)	50	50	50	50
Generator	Rated Voltage(V)	220	220	220	380
	DC Output	12V8.3A	12V8.3A	12V8.3A	12V8.3A
	Generator Showing Rated Power(Kw)	2.8	2.8	6.0	6.0
	Generator Showing Max.Power(Kw)	3.0	3.0	6.5	6.5
	Weight (kg)	43/48	48/51	86/90	86/90

Model Name		GG9500E	GG9500E-1	GG12000E	GG12000E-1
Engine	Engine	192FC	192FC	194F	194F
	Engine Rated Power(HP)	18.0	18.0	20.0	20.0
	Displacement(ml)	460	460	500	500
	Engine Model	4-stroke OHV single-cylinder gasoline engine with forced air-cooled			
	Engine Rated Rotate Speed(rpm)	3000			
	Voltage Adjust Type	AVR			
	Ignition System	CDI			
	Start Method	Electric Start			
	Fuel Tank Capacity(L)	25	25	25	25
	Engine Oil Capacity(L)	1.1	1.1	1.1	1.1
	Decibel Level(dB)	≤ 97	≤ 97	≤ 97	≤ 97
	Frequency(Hz)	50	50	50	50
Generator	Rated Voltage(V)	220	380	220	380
	DC Output	12V8.3A	12V8.3A	12V8.3A	12V8.3A
	Generator Showing Rated Power(Kw)	7.0	7.0	9.0	9.0
	Generator Showing Max.Power(Kw)	7.5	7.5	10.0	10.0
	Weight (kg)	94/98	94/98	103/107	103/107

Thank you for choosing the gasoline generator set of our company.

Based on the latest technology at home and abroad, our Company has successfully developed the gasoline generator set. The unit is characterized by advanced design, compact structure, reliable performance, convenient service, low fuel consumption and noise as well as fashionable shape. With general gasoline engine as power, it is widely used in many fields such as daily life, fishing, open working, power generation for bank, shop or restaurant, and so on.

The manual gives information with respect to operation and maintenance of the gasoline generator. Please read it carefully first before operating. If any trouble occurs, ask your local dealer who will provide you with the best after service.

All the materials and diagrams of this manual coincide with the newest products at the publishing time. Due to revision and other changes, the information described in this manual may be a little different from the actual status. The copyright of this manual belongs to our Company, any group or individual is forbidden to reprint or copy any it. The manual is subject to change without notice.

IMPORTANT NOTICES

Please pay special attention to statements preceded by the following words:



WARNING:

A warning is used to alert the user to fact that hazardous operating and maintenance procedures may result in injury to or death of personnel if not strictly observed.



CAUTION:

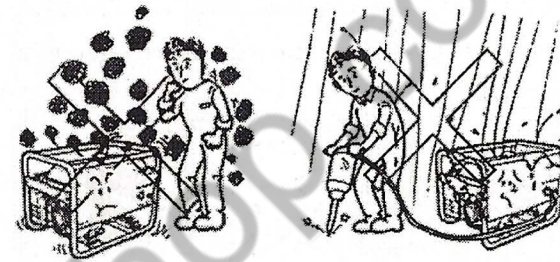
A caution is used to alert the user to fact that hazardous operation and maintenance procedures may result in injury to or death of personnel if not strictly observed.



NOTE:

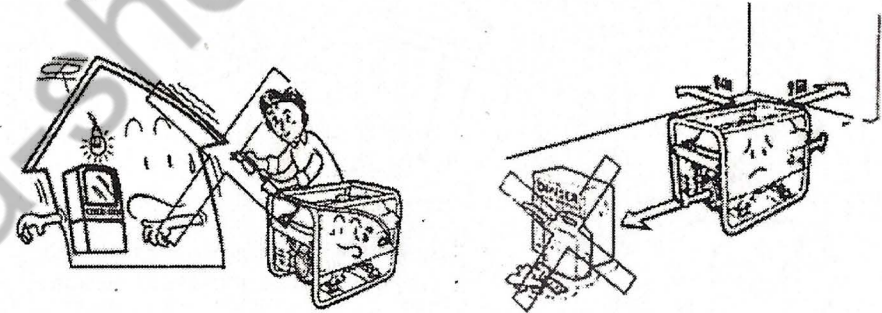
Give helpful information.

This manual should be considered as a permanent part of the unit and should remain with the unit when resold.

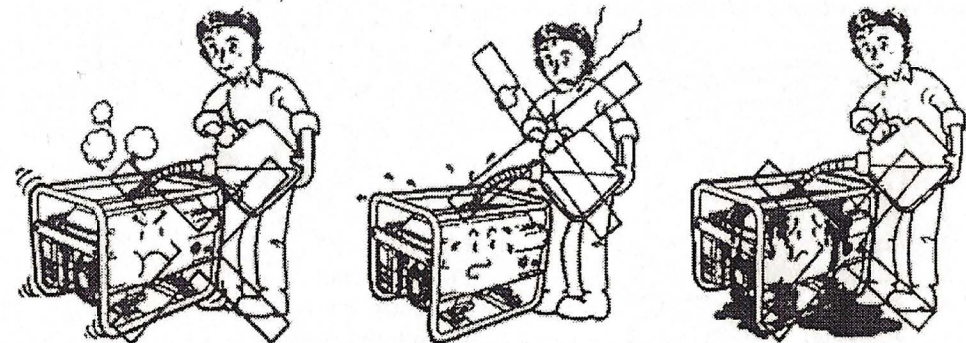


Never operate it in an enclosed room..

Do not operate in wet conditions (rain, snow).



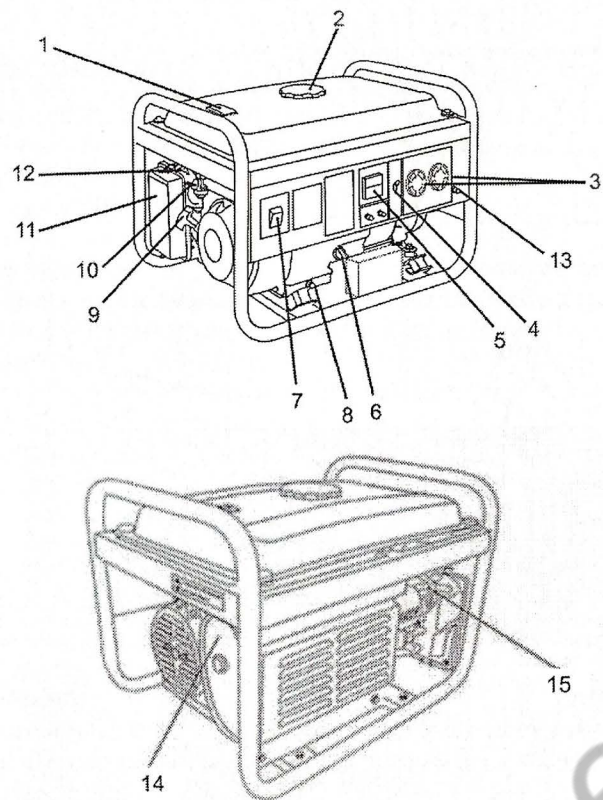
Never connect to home circuit. Work at a distance of at least 1 meter away from combustible materials.



Do not spill out when filling fuel.

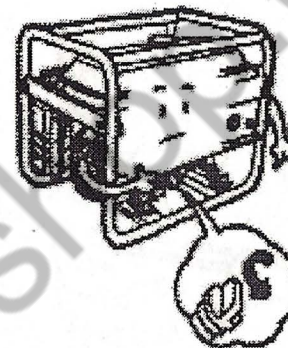
No smoking when filling fuel.

Always fill fuel after stopping it.

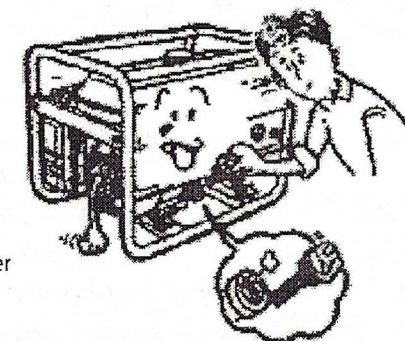


- | | |
|--------------------|--------------------|
| 1. Fuelsensor | 9. Starting handle |
| 2. Fuel filler cap | 10. Fuel cock |
| 3. AC plug socket | 11. Air cleaner |
| 4. AC breaker | 12. Choke lever |
| 5. Voltmeter | 13. Groundterminal |
| 6. Dipstick | 14. Muffler |
| 7. Ignition switch | 15. Sparkplug |
| 8. Drain plug | |

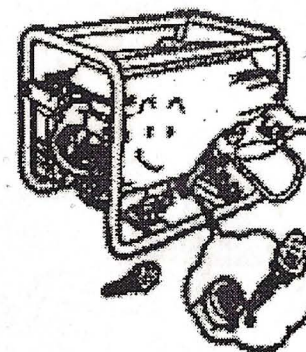
always check the generator in the case of stopping the generator on a level ground.



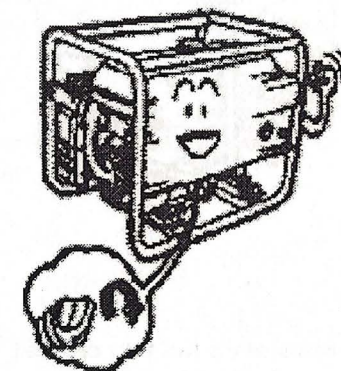
1. Turn out the oil filler cap and clean the dipstick with a clear cloth.



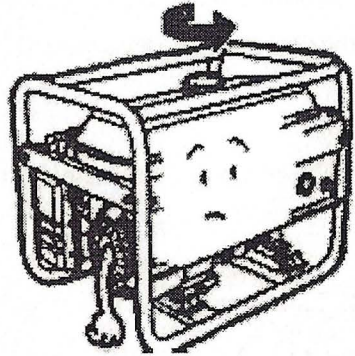
2. Insert the dipstick back into the oil filler hole without turning it in.



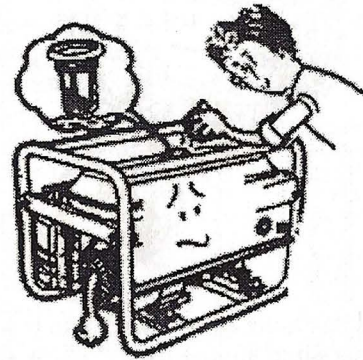
3. In the case that the oil level is below the lower level mark of the dipstick, fill oil to the upper level mark of the dipstick.



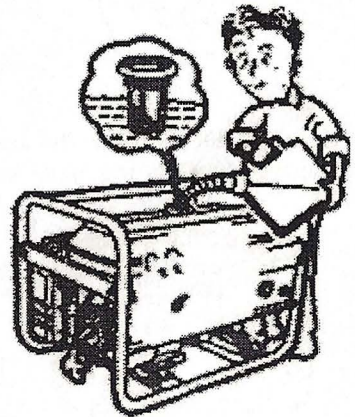
4. Reinstall the oil filler cap well.



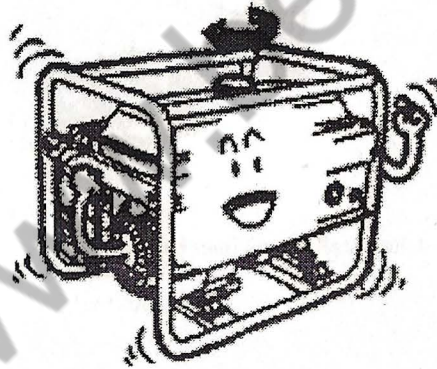
1. Open the fuel filler cap.



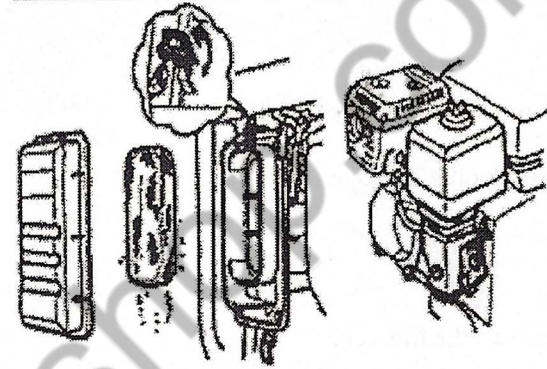
2. Fill fuel to the shoulder of the filter.



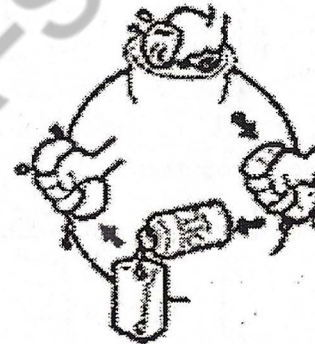
3. Check the fuel level, and fill fuel if necessary.



4. Reinstall the fuel filler cap well.

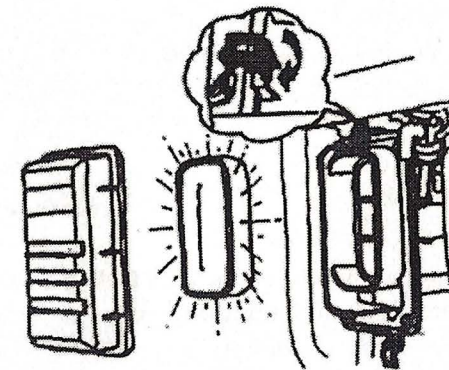


1. Remove the clip and dismantle the air housing
2. Check and make sure the air cleaner core is intact and clean. If it is broke, replace it with a new one.

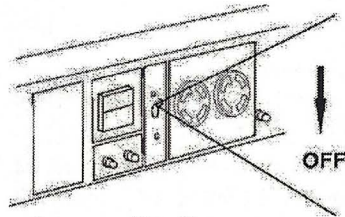


3. If the core is filthy, clean it in the following sequence.

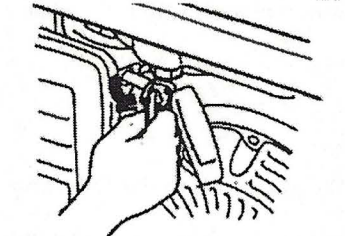
- a) Clean the core in the cleansing solvent.
- b) Dry it up
- c) Dip a few drops of engine oil into it.
- d) Squeeze excess oil



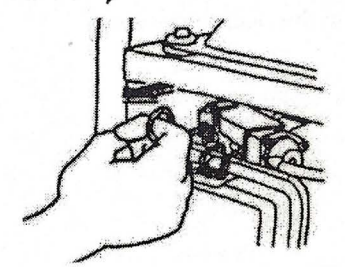
4. Put the filter element in to the original position, install the cover and secure it well.



1. Remove all loads from AC socket.
2. Switch off AC breaker.

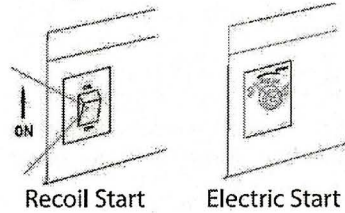


3. Turn on the fuel cock.

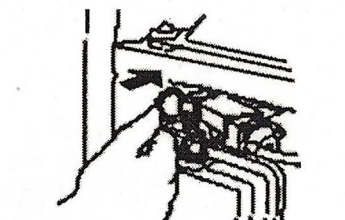


4. Set the choke lever to OFF position.

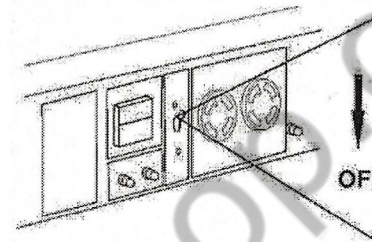
Don't close the choke when starting the engine in hot condition.



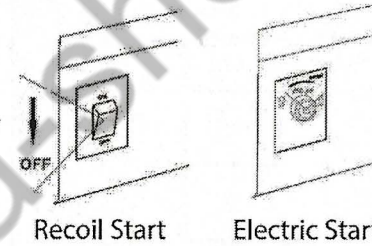
5. Turn the ignition switch to ON.



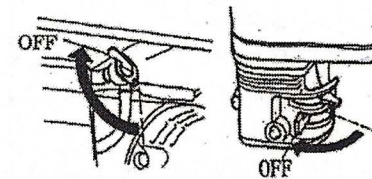
6. Pull the start handle gently until feeling an anti-action, and then pull it up strongly



1. Switch off AC breaker.



2. Turn the ignition switch to OFF.



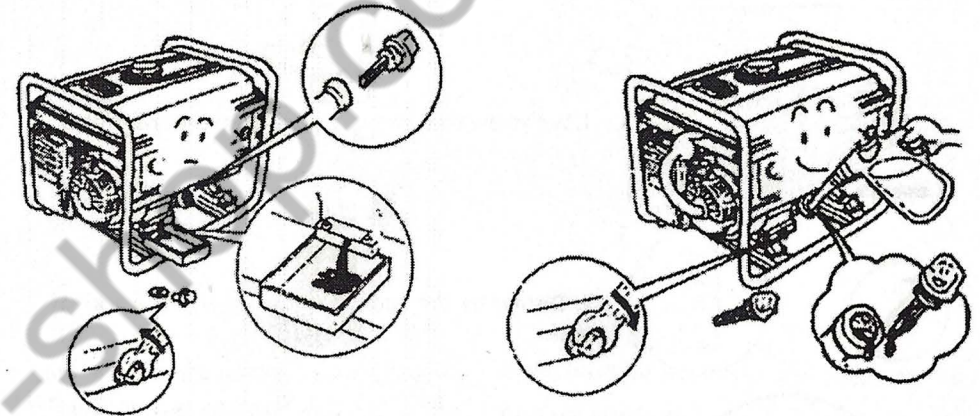
3. Set the fuel cock to off.



NOTE:

To stop the generator in an emergency, turn the ignition switch to OFF.

	Daily inspection	In the first month, or 20 hours	Every 3 months or 50 hours	Every 6 months or 100 hours	Every year or 300 hours
Checking the engine oil	*verify				
Engine Oil		*substitute		*substitute	
Checking the air filter	*verify				
Replacing the air filter		*substitute			
Oil filter cover (if available)		*substitute		*clean	
Oil filter (if available)				*clean	
Plug				*clean	
valve lash clearance					Check / adjust
Cleaning the cover of the cylinder head					*clean
Rinsing tank	Rinse if necessary, replace every 3 years				

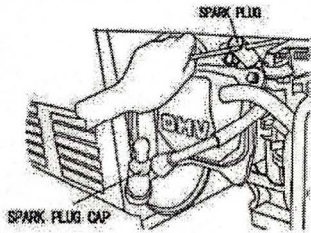


1. Turn and then take out the dipstick.
2. Unscrew the drain plug, and empty the engine oil from the crankcase.
3. Screw on the drain plug.
4. Fill engine oil to the upper level mark of the dipstick.
5. Fit the dipstick to the original position.

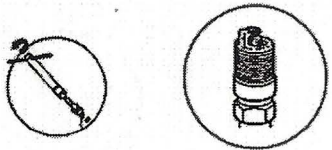


Engine oil recommended:

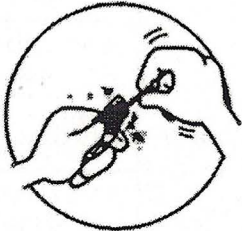
4-stroke gasoline engine oil - engine oil class SE, SF from API Service classification or SEA 10W - 30 engine equivalent to Class SG.



1. Withdraw the spark plug cap from the spark plug.

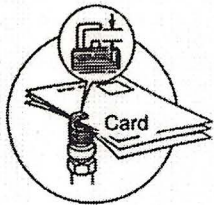


2. Dismantle the spark plug by means of a special tool.

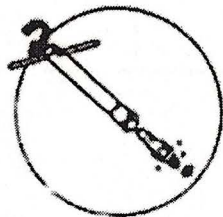


3. Clear away carbon fouling around the spark plug.

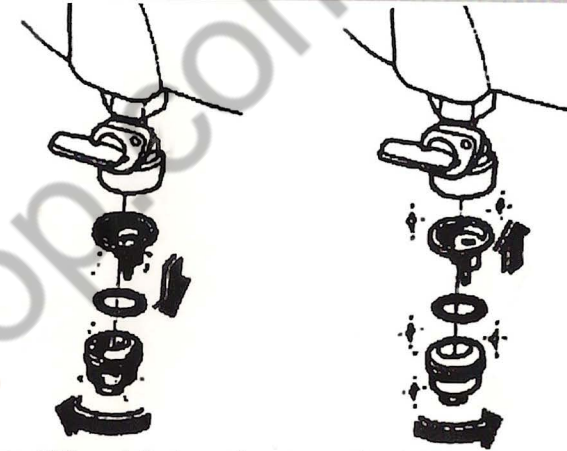
0.7 - 0.8mm



4. Check the spark plug gap and adjust it if necessary. The gap should be 0.7~0.8mm



5. Reinstall the spark plug and cap well. Spark plug recommended: F6RTC.



1. Set the fuel cock to OFF, and disdmantle the fuel filter cup and gauze.
2. Fit the fuel filter cup gauze to the original position.

3. Fit the fuel filter cup and gauze to the original position.

Cause		Remedy
Do not start the engine	Lack of fuel	Fill up with fuel
	The switch is not set to «ON»	Set it to «ON»
	Insufficient amount of lubricating oil	Check and add oil to the proper level
	Jerk the starter rope is not enough and firmly	Start the engine according to the recommended start-up procedure
	Carbon deposits on the spark plug	Remove, check and clean the spark plug.
Electricity is generated	The main switch is not closed	Set the main power switch to «ON»
	Loose contact in the socket	Adjust the socket contacts
	Unable to reach the rated speed of the generator	Adjust it according to the requirements