

GENTRON®

Owner's Manual 3500 WATT DIGITAL INVERTER GENERATOR



Please read and save these instructions.

**HAVE QUESTIONS OR NEED SERVICE
DO NOT RETURN TO STORE!
PLEASE CALL TOLL FREE: 800.894.1179**



www.GentronUSA.com

DANGER Carbon Monoxide

Using a generator indoors WILL KILL YOU IN MINUTES.

Carbon Monoxide

Generator exhaust contains high levels of carbon monoxide (CO), a poisonous gas you cannot see or smell. If you can smell the generator exhaust, you are breathing CO. But even if you cannot smell the exhaust, you could be breathing CO.

· NEVER use a generator inside homes, garages, crawlspaces, or other partly enclosed areas. Deadly levels of carbon monoxide can build up in these areas. Using a fan or opening windows and doors does NOT supply enough fresh air.

· ONLY use a generator outdoors and far away from open windows, doors, and vents. These openings can pull in generator exhaust.

Even when you use a generator correctly, CO may leak into the home. ALWAYS use a battery-powered or battery-backup CO alarm in the home.

If you start to feel sick, dizzy, or weak after the generator has been running, move to fresh air RIGHT AWAY. See a doctor. You could have carbon monoxide poisoning.

3500W Digital Generator

PREFACE

Thank you for purchasing our generator.

This manual covers the operation and maintenance of the generator.

All the information in this publication is based on the latest product information available at the time of approval for printing.

We reserve the right to make changes to this manual at any time without notice and obligation whatsoever.

No part of this publication may be reproduced without written permission from GENTRON®.

This manual should be considered a permanent part of the generator and should remain with it when being resold.

Pay special attention to statements preceded by the following words:

WARNING Failure to properly follow these precautions can result in property damage, serious injury or DEATH!
Read all labels and the owner's manual before operating this generator.
Operate only in well ventilated areas. Exhaust gas contains poisonous carbon monoxide, and can be deadly.
Always stop the engine before refueling. Wait 5 minutes before restarting.
Check for spilled fuel or leaks. Wait 5 minutes before use.
Keep any sources of ignition away from fuel tank at all times.

WARNING Indicates a strong possibility of severe personal injury or death if instructions are not followed.

CAUTION Indicates a possibility of personal injury or equipment damage if instructions are not followed.
NOTE: Gives helpful information.
If a problem should arise or if you have any questions about the generator, consult an authorized dealer.

WARNING Our generators are designed to give safe and dependable service if operated according to instructions. Read and understand the Owner's Manual before operating the generator.
Failure to do so could result in personal injury or equipment damage.

Owner's Manual

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1.SAFETY INSTRUCTIONS

WARNING



Our generators are designed to give safe and dependable service if operated according to instructions. Read and understand the owner's manual before operating the generator. Failure to do so could result in personal injury or equipment damage.

WARNING



Exhaust gas contains poisonous contents (eg. carbon monoxide). Never run the generator in an enclosed area. Be sure to provide adequate ventilation.

WARNING



The muffler becomes very hot during operation and remains hot for a while after stopping the engine. Be careful not to touch the muffler while it is hot. Let the engine cool before storing the generator indoors. The engine exhaust system will be heated during operation and remain hot immediately after stopping the engine. To prevent scalding, pay attention to the warning marks attached to the generator.

CAUTION



Never connect a cable other than the special cable for parallel operation to the parallel operation socket. Electric shocks can result if this instruction is not followed.

WARNING

Gasoline is extremely flammable and explosive under certain conditions. Refuel in a well ventilated area with the engine stopped. Keep away from lighted cigarette, fire and sparks when refueling the generator. Always refuel in a well-ventilated location. Wipe up spilled gasoline at once.

WARNING



Connections for standby power to a building's electrical system must be made by a qualified electrician and must comply with all applicable laws and electrical codes. Improper connections can allow electrical current from the generator to back feed into the utility lines. Such back feed may electrocute utility company workers or other personnel who contact the lines during a power outage, and when utility power is restored, the generator may explode, burn, or cause fire in the building's electrical system.

WARNING

Always make a pre-operation inspection before you start the engine. You may prevent an accident or equipment damage. Place the generator at least 3ft away from buildings or other equipment during operation. Operate the generator on a level surface. If the generator is tilted, fuel spillage may result. Know how to stop the generator quickly and understand operation of all the controls. Never permit anyone to operate the generator without reading and understanding the instructions in this manual. Keep children and pets away from the generator when it is in operation. Keep away from rotating parts while the generator is running. The generator is a potential source of electrical shocks when misused. Do not operate with wet hands. Do not operate the generator in the rain or snow and do not let it get wet.

2.SAFETY LABEL LOCATIONS

2.1 Outside view

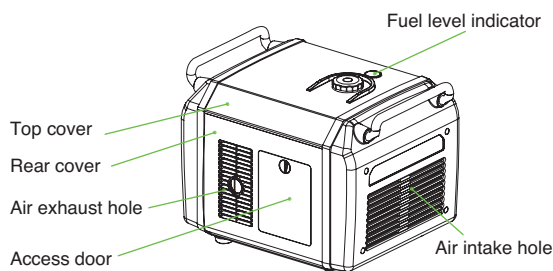
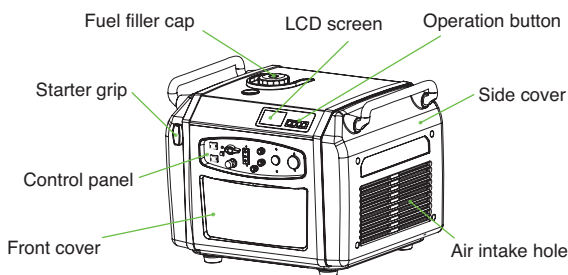


Fig.1 Outside view

2.2 Control panel

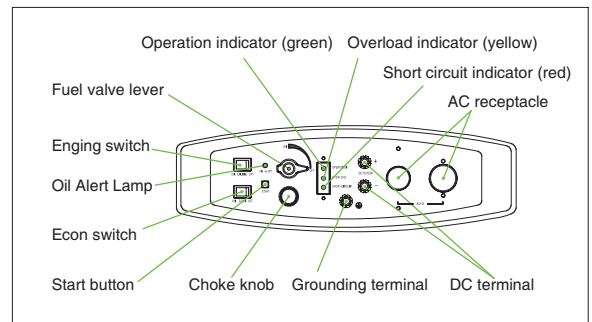


Fig.2 Control panel

2.3 ECON switch

ON: Engine speed is kept at economical state automatically to minimize the fuel consumption while in operation. This position is recommended when the output power is less than 1 kW. OFF: ECON switch does not operate. Engine speed is kept over rated speed.

NOTE

When high electrical load appliances are connected simultaneously, turn the ECON switch to the OFF position to reduce voltage changes. ECON switch system does not operate efficiently if the electrical appliance requires the higher needed electric power.

2.4 LCD screen and operation button

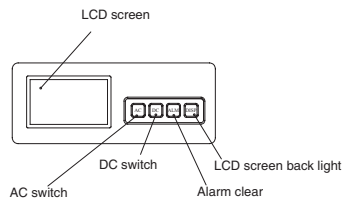


Fig.3 LCD screen and operation button

LCD screen displays the AC/DC output state and the wattages of electrical load. The AC/DC output is kept in OFF (no output) when the engine is started. AC operation button switches the AC output between ON and OFF. DC operation button switches the DC output between ON and OFF.

NOTE

If the generator is overloaded, the overload indicator (yellow) will go ON. If there is a short in the connected appliance, the AC/DC output will be shut off automatically while the short circuit indicator (red) will be ON.

ALM operation button is used to reset the generator when short circuit occurs. Press the DISP operation button once, the LCD screen backlighting will remain ON for about 5 seconds. This helps to operate in the dark. Be sure to check the generator on a level surface with the engine stopped.

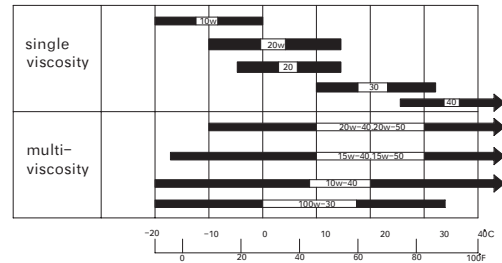
3.PRE-OPERATION CHECK

3.1 Check the engine oil level.

CAUTION

Using nondetergent oil or 2-stroke engine oil could shorten the engine's service life. Use high-detergent, premium quality 4-stroke engine oil, certified to meet or exceed U.S. automobile manufacturer's requirements for APL Service Classification SG, SF. Select the appropriate viscosity for the average temperature in your area.

SAE Viscosity Grades:



Open the access door. Remove the oil filler cap, and wipe the dipstick with a clean rag. Check the oil level by inserting the dipstick in the filler hole without screwing it in. If the oil level is below the end of the dipstick, refill with recommended oil up to the top of the oil filler neck.

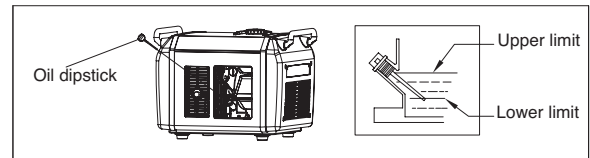


Fig.4

CAUTION

Running the engine with insufficient oil can cause serious engine damage. The Low Oil Alert System will automatically stop the engine before the oil level falls below the safe limit. However, to avoid the inconvenience of an unexpected shutdown, it is still advisable to visually inspect the oil level regularly.

3.2 Check the fuel level

Use automotive gasoline (Unleaded or lowleaded is preferred to minimize combustion chamber deposits). If the fuel level is low, refill until the fuel level indicator directs to 'F', see Fig.5. Never use an oil/gasoline mixture or dirty gasoline. Avoid getting dirt, dust or water in the fuel tank. After refueling, tighten the fuel filler cap securely.

WARNING

Gasoline is extremely flammable and is explosive under certain conditions. Refuel in a well-ventilated area with the engine stopped. Do not smoke or allow flame or sparks in the area where the engine is refueled or where gasoline is stored. Do not overfill the fuel tank (there should be no fuel in the filler neck). After refueling, make sure the fuel filler cap is closed properly and securely. Be careful not to spill fuel when refueling. Spilled fuel or fuel vapor may ignite. If any fuel is spilled, make sure the area is dry before starting the engine. Avoid repeated or prolonged contact with skin or breathing of vapor. KEEP OUT OF REACH OF CHILDREN.

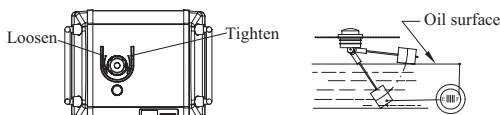


Fig.5

Gasoline containing alcohol

If you decide to use a gasoline containing alcohol (gasohol), be sure its octance rating is at least as high as being recommended by us. There are two types of "gasohol": one containing ethanol, and the other containing methanol. Do not use gasohol that contains more than 10% ethanol. Do not use gasoline containing methanol (methyl or wood alcohol) that does not also contain cosolvents and corrosion inhibitors for methanol. Never use gasoline containing more than 5% methanol, even if it has cosolevents and corrosion inhibitors.

NOTE

Fuel system damage or engine performance problems resulting from the use of fuels that contain alcohol is not covered under the warranty. We cannot endorse the use of fuels containing methanol since evidence of their suitability is as yet incomplete. Before buying fuel from an unfamiliar station, try to find out if the fuel contains alcohol, if it does, confirm the type and percentage of alcohol used. If you notice any undesirable operating symptoms while using a gasoline that contains alcohol, switch to gasoline that you know does not contain alcohol.

3.3 Check the air cleaner

Check the air cleaner elements to be sure they are clean and in good condition. Open the access door, loosen the side covers and remove the rear cover. Remove the air filter cover, remove the sponge element from the air filter cover, and check the element, clean or replace the element(s) if necessary, see Fig.6.

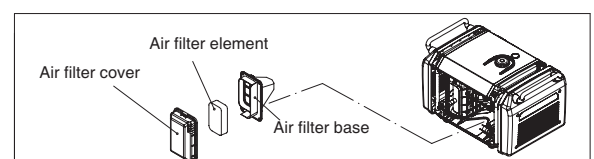


Fig.6

CAUTION

Never run the engine without the air cleaner. Rapid engine wear will result from contaminants, such as dust and dirt, being drawn through the carburetor, into the engine.

4.STARTING THE ENGINE

CAUTION

When starting the generator after adding fuel for the first time, after long term storage, or after running out of fuel, turn the fuel valve lever to the "ON" position, then wait for 10 to 20 seconds before starting the engine.

4.1 Turn the fuel valve lever to the ON position, see Fig.7.

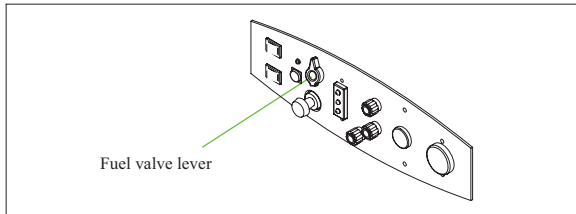


Fig.7

4.2 Pull the choke knob out

Do not use the choke when the engine is warm or the air temperature is high, see Fig.8.

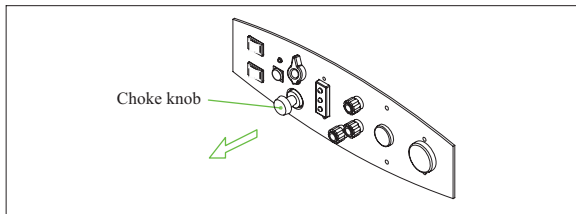


Fig.8

4.5 Push the choke knob back as the engine warms up, see Fig.11.

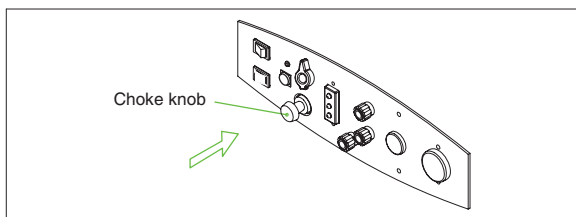


Fig.11

High altitude operation

At high altitude, the standard carburetor air-fuel mixture will be excessively rich. Performance will decrease, and fuel consumption will increase.

High altitude performance can be improved by installing a smaller diameter main fuel jet in the carburetor and readjusting the pilot screws. If you always operate the generator at altitude higher than 5,000 feet above sea level, have your authorized agent to perform these carburetor modifications.

Even with suitable carburetor jetting, engine horsepower will decrease approximately 3.5% for each 1,000 feet increase in altitude. The effect of altitude on the horsepower will be greater than this if no carburetor modification is made.

CAUTION

Operation of the generator at an altitude lower than the carburetor is jetted for may result in reduced performance, overheating, and serious engine damage caused by an excessively lean air/fuel mixture.

4.3 Turn the engine switch to ON position.

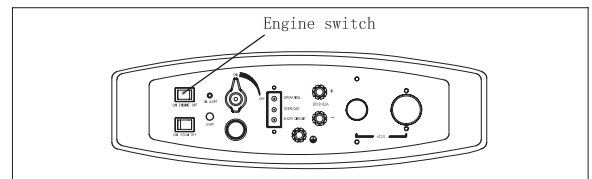


Fig.9

4.4.1 Press the start button until the engine has started. See Fig.10(a).

4.4.2 Pull the starter grip lightly until resistance is felt, then pull the starter grip briskly toward the arrow as shown in Fig.10(b).

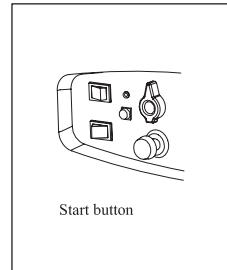


Fig.10(a)

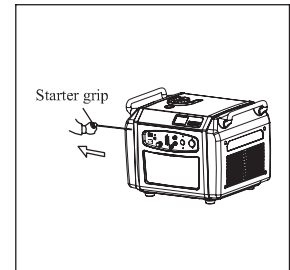


Fig.10(b)

CAUTION

Do not allow the starter grip to snap back. Return it slowly by hand.
Do not let the starter rope rub against the generator body or the rope will wear out prematurely.

5.GENERATOR USE

WARNING

To prevent electrical shock from faulty appliances, the generator should be grounded. Connect a length of heavy wire between the generator's ground terminal and an external ground source. Connections for standby power to a building's electrical system must be made by a qualified electrician and must comply with all applicable laws and electrical codes. Improper connections can allow electrical current from the generator to backfeed into the utility lines. Such backfeed may electrocute utility company workers or other personnel who contact the lines during a power outage, and when utility power is restored, the generator may explode, burn, or cause fires in the building's electrical system.

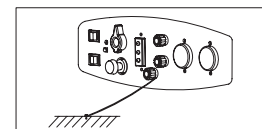


Fig.12

CAUTION

Limit operation requiring maximum power to 10 minutes.
For continuous operation do not exceed the rated power.
In either case, the total wattage of all appliances connected must be considered. Do not modify or use the generator for other purposes than it is intended for.
Also observe the following when using the generator :
DO not connect generators in parallel.
Do not connect an extension to the exhaust pipe.
When connecting the generator to a household circuit, be sure to shut off all commercial power supply.
When an extension cable is required, be sure to use tough rubber sheathed flexible cable. Limit length of extension cables: 200ft for cables of 15AWG and 333.3ft for cables of 13AWG. Keep the generator away from other electric cables or wires such as commercial power supply lines.

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5.1 AC applications

1. Confirm that the appliance to be used is switched off, and plug in the appliance.
2. Start the engine and press the AC button and make sure the output indicator light (green) comes on.

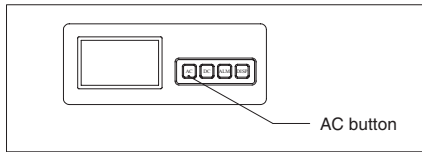


Fig.13

CAUTION

Substantial overloading that continuously lights the overload indicator (yellow) may damage the generator. Marginal overloading that temporarily trips the overload indicator (yellow) this 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 engine switch immediately. Then disconnect the appliance and examine it for signs of malfunction.

5.2 operation, overload and short circuit indicators

The operation indicator (green) will remain on during normal operating conditions. If the generator is overloaded, the overload indicator (yellow) will be on. If there is a short circuit in connected appliance, the operation indicator (green) will go off, the short circuit indicator (red) will go on and current to the connected appliance will be shut off.

NOTE

Before connecting an appliance to the generator, check that it is in good order, and that its electrical rating does not exceed that of the generator.

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NOTE

When an electric motor is started, both the overload indicator (yellow) and the operation indicator (green) may go on simultaneously. This is normal if the overload indicator (yellow) goes off after about 4 seconds. If the overload indicator (yellow) stays on, consult your dealer.

5.3 DC application

The DC terminals may be used for charging 12 volt automotive-type batteries only. Output voltage is 15-25v when current terminals are on no load.

1. Connect the charging cable to the DC terminals of the generator and then to the battery terminals.
2. Start the engine and press the DC button and make sure the output indicator light (green) comes on.

The DC receptacle may be used while the AC power is in use .

An overloaded DC circuit will melt down the DC circuit fuse.

If this happens, turn off the DC output and stop the engine. Open the right side cover and you will see a fuse then replace the fuse with a new one.

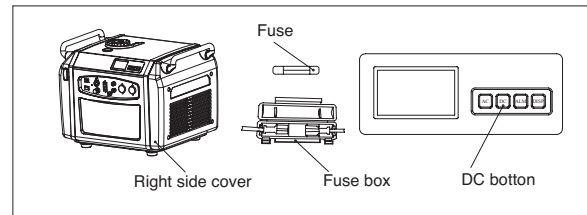


Fig.14

WARNING

To prevent the possibility of creating spark, make sure to turn off the DC output before connect or disconnect charging cables.

Before connecting charging cable to a battery that is installed in a vehicle, disconnect the vehicle grounded battery cable. Reconnect the vehicle's ground battery cable after the charging cables are removed. This procedure will prevent the possibility of a short circuit and sparks if you make accidental contact between a battery terminal and the vehicle's frame or body.

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CAUTION

Do not attempt to start an automobile engine with the generator still connected to battery. The generator may be damaged. Connect the positive battery terminal to the positive charging cord. Do not reverse the charging cables, or serious damage to the generator and/or battery may occur.

6.STOPPING THE ENGINE

To stop the engine in an emergency, turn the engine switch OFF.
In normal use:

1. Switch off the connected equipment and pull out the inserted plug.
2. Turn off the engine switch.
3. Turn the fuel valve lever to the OFF position.

Owner's Manual

7.MAINTENANCE

The purpose of the maintenance and adjustment schedule is to keep the generator in the best operating condition.

WARNING

Shut off the engine before performing any maintenance. If the engine needs to be operated, make sure the area is well ventilated. Exhaust contains poisonous gases.

CAUTION

Use our genuine parts or the equivalent. The use of replacement parts which are not of equivalent quality may damage the generator.

7.1 Maintenance Schedule :

REGULAR SERVICE PERIOD (1) Perform at every indicated month or operating hour interval, whichever occurs first.		EACH USE	FIRST MONTH OR 20 HRS	EVERY 3 MONTHS OR 50 HRS	EVERY 6 MONTHS OR 100 HRS	EVERY YEAR OR 300 HRS
Engine oil	Check	○				
	Change		○		○	
Air cleaner	Check	○				
	Clean			○(2)		
Spark plug	Clean-adjust				○	
Spark arrester	Clean				○	
Fuel sediment cup	Clean				○	
Valve clearance	Check-adjust					○(3)
Fuel tank and strainer	Clean					○(3)
Fuel line	Check	Every 2 year (replace if necessary) (3)				

NOTE: (1) Long hours of operation to determine proper maintenance.

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

(3) These items should be serviced by an authorized dealer, unless the owner has the proper tools and is mechanically inclined.

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7.2 Changing oil

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

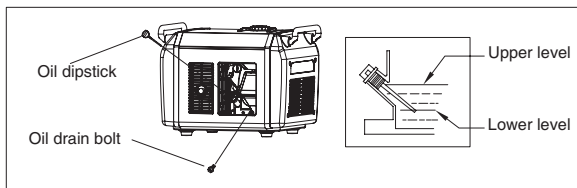


Fig.15

1. Open the access door.
2. Take out the oil outlet plug.
3. Remove the drain bolt, and drain the oil. Retighten the bolt securely.
4. Refill with the recommended oil and check the level.
5. Close the access door.

NOTE

Please dispose of used motor oil in a manner that does not damage the environment. We suggest you take it in a sealed container to your local service station for proper disposal. Do not throw it in the trash or pour it on the ground.

7.3 Air filter servicing

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

WARNING

Do not use gasoline or low flash point solvents for cleaning. They are flammable and explosive under certain conditions.

NOTE

Never run the generator without the air filter. Rapid engine wear may occur.

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1. Turn the access door knob left 1/4 turn, open the access door. Then remove the two side covers and the rear cover.
2. Unsnap the clips, remove the air filter cover.
3. Remove the sponge element from the air filter cover.
Wash the sponge element in a solution of household detergent and warm water, then rinse thoroughly, or wash in nonflammable or high flash point solvent. Allow the sponge element to dry thoroughly. Soak the sponge element in clean engine oil and squeeze out the excess oil. The engine will smoke during initial startup if too much oil is left in the sponge element. Reinstall the sponge element to the air filter cover.
4. Reinstall the air filter cover.
5. Reinstall the rear cover, two side covers and the access door in order.

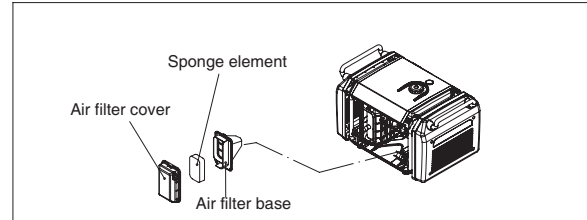


Fig.16

7.4 Spark plug service

Recommended spark plug: WR7DC

To ensure proper engine operation, the spark plug must be properly gapped and free of deposits.

1. Open the access door.
2. Remove the spark plug cap.
3. Use the wrench to remove the spark plug.
4. Clean any dirt from around the spark plug base.

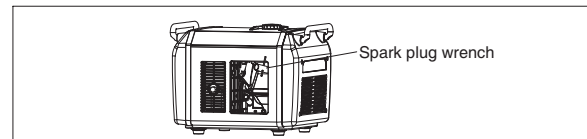


Fig.17

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5. Visually inspect the spark plug. Discard it if the insulator is cracked or chipped. Clean the spark plug with a wire brush if it is to be reused.
6. Measure the plug gap with a feeler gauge.
The gap should be 0.02-0.03in. Correct as necessary by carefully bending the side electrode.

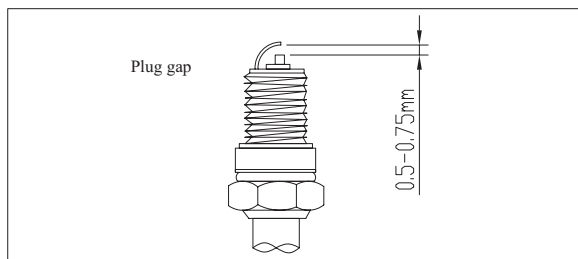


Fig.18

7. Install the spark plug carefully by hand to avoid cross-threading.
8. After a new spark plug has been seated by hand, it should be tightened 1/2 turn with a wrench to compress its washer. If a used plug is being reinstalled, it should only require 1/8 to 1/4 turn after being seated.
9. Reinstall the spark plug inspection cover and tighten the cover screw.
10. Close the access door.

CAUTION

The spark plug must be securely tightened. An improperly tightened spark plug can become very hot and possibly damage the generator. Never use a spark plug with an improper heat range.

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7.5 Spark arrester maintenance

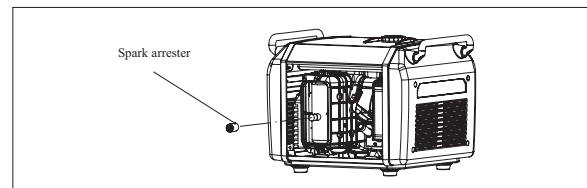


Fig.19

WARNING

If the generator has been running, the muffler will be very hot. Allow it to cool before proceeding.

CAUTION

The spark arrester must be serviced every 500 hours to maintain its efficiency.

1. Turn the access door knob left 1/4 turn, open the access door. Remove the two side covers and the rear cover.
2. Remove the spark arrester.
3. Use a brush to remove carbon deposits from the spark arrester screen.

NOTE

Inspect the spark arrester screen for holes or tears. Replace if necessary.

4. Reinstall the spark arrester.
5. Reinstall the rear cover, two side covers and the access door in order.

8. TRANSPORTING/STORAGE

8.1 When transporting the generator, turn the fuel lever OFF and keep the generator level to prevent fuel spillage.

8.2 Before storing the unit for an extended period:

1. Be sure the storage area is free of excessive humidity and dust.
2. Drain the fuel----

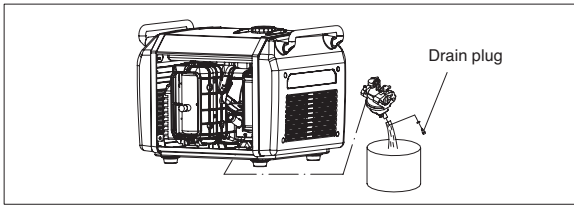
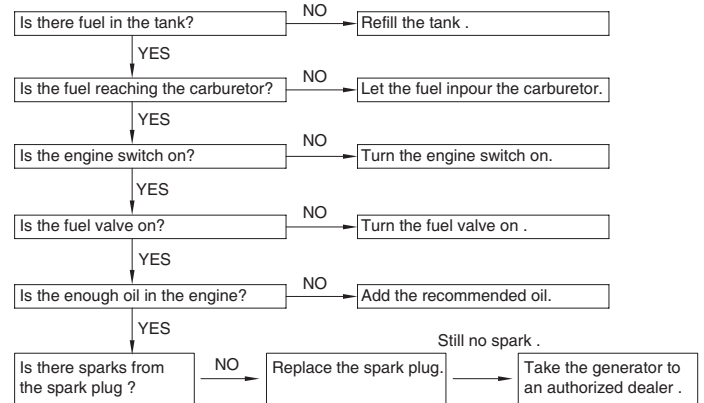


Fig.20

- a. Open the access door.
 - b. Turn fuel valve to ON and then loosen the carburetor drain screw. Drain the gasoline from the carburetor and fuel tank into a suitable container.
 - c. Tighten the carburetor screw, close the fuel valve lever and access door.
3. Change the engine oil.
 4. Remove the spark plug and pour about a tablespoon of clean engine oil into the cylinder. Crank the engine several revolutions to distribute the oil, then reinstall the spark plug.
 5. Slowly pull the starter grip until resistance is felt. At this point, the piston is coming up on its compression stroke and both the intake and exhaust valves are closed. Storing the engine in this position will help to protect it from internal corrosion.

9. TROUBLE SHOOTING

1) When the engine will not start:



WARNING

Be sure there is no spilled fuel around the spark plug. Spilled fuel may ignite.

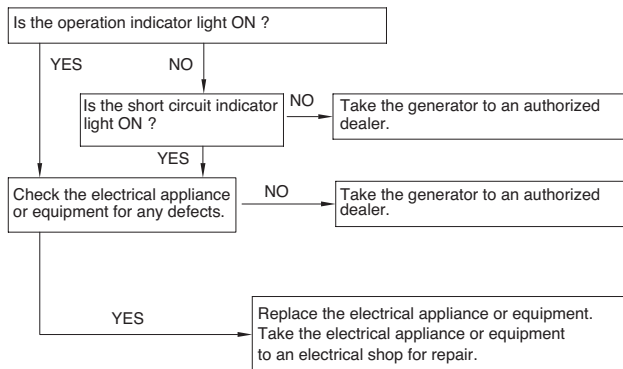
To check:

- 1) Remove the spark plug cap and clean any dirt from around the spark plug.
- 2) Remove the spark plug and install the spark plug in the plug cap.
- 3) Set the plug side electrode on the cylinder head to ground.
- 4) Crank the engine, sparks should jump across the gap.

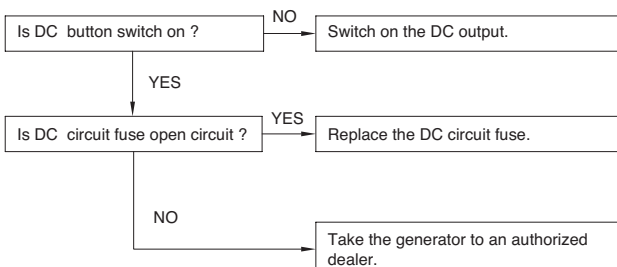
To check:

- 1) Turn off the fuel valve and loosen the drain screw.
- 2) Fuel should flow from the drain when the fuel valve is turned on.

2) Appliance does not operate:



3) No electricity at the DC terminal:



10. SPECIFICATIONS

Model	GG3501D(APG3105)
Rated frequency(Hz)	60
Rated output voltage (V)	120
Rated output current (A)	25
Rated speed (r/min)	3350
Rated output power (KVA)	3.0
Max output power (KVA)	3.5

DC output

DC voltage (V)	12V/8.3A
Electric circuit fuse	with

Engine

Engine model	JF200
Engine type	OHV250, single cylinder, air-cooled, 4-stroke
Displacement (ml)	196
Bore x stroke (mm x mm)	68 x 54
Rated speed (r/min)	3600
Rated power (kw)	3.6
Fuel type	Automotive unleaded gasoline
Fuel consumption (g/kwh)	395
Oil type	SAE 10W-30
Oil capacity (L/Gal.)	0.6/0.16
Starting type	Electric & Recoil starting
Fuel tank capacity (L/Gal.)	10.5/2.8
Run time with rated output power(h)	7
Noise level (dB)	58
Dimension (L x W x H)(in)	24.65x19.7x18.3
Weight	118.8 lbs (54kg)

11.WIRING DIAGRAM

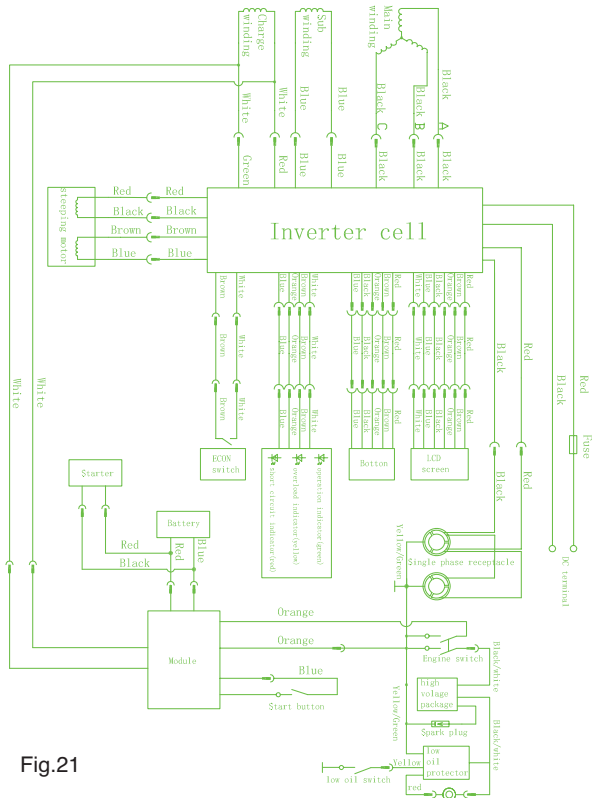


Fig.21

12.WHEEL KIT

The unit comes with the rubber pad already installed. If you wish to install the wheel kit, please perform the following procedure:

- a. Insert the axle into sleeves welded in the bottom of the chassis.
- b. Insert the lock pin through the hole in the sleeve and the axle.
- c. Install the washer, wheel, and lock pin in order at one end of the axle, then repeat it until all wheels are installed.

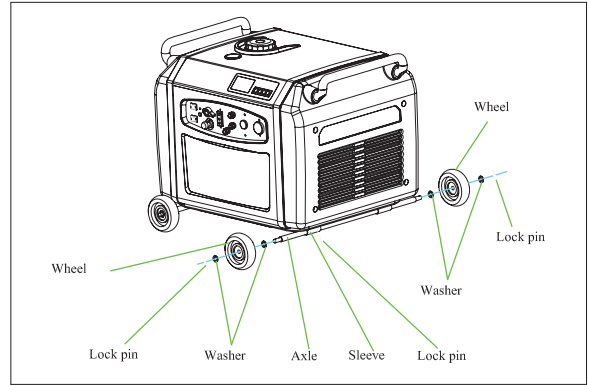
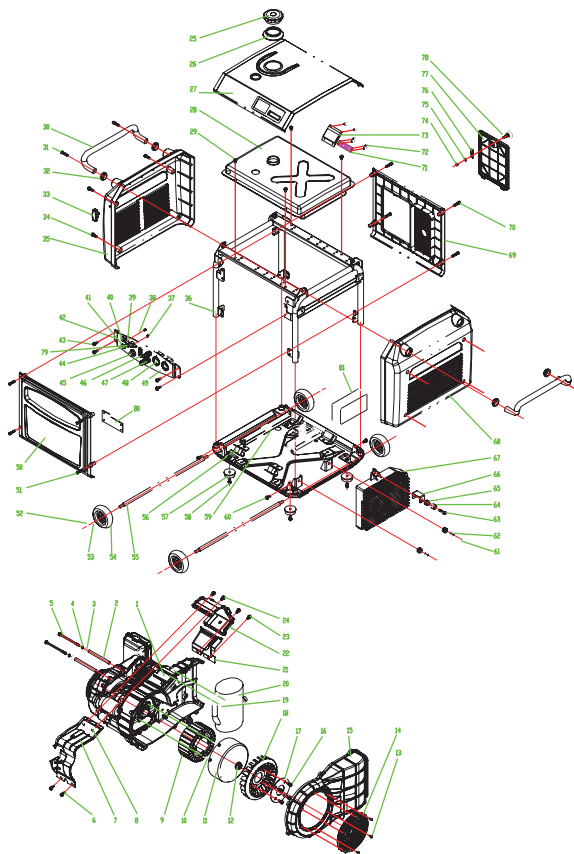


Fig.22



APA Part No.	Description	Part No.
APG3105-01-BOLD	Engine	01
APG3105-02-BOLD	Liner tube	02
APG3105-03-BOLD	Washer	03
APG3105-04-BOLD	Filling piece	04
APG3105-05-BOLD	Bolt	05
APG3105-06-BOLD	Bolt	06
APG3105-07-BOLD	Upper ventilation cover	07
APG3105-08-BOLD	Nut	08
APG3105-09-BOLD	Stator	09
APG3105-10-BOLD	Bolt	10
APG3105-11-BOLD	Rotor	11
APG3105-12-BOLD	Nut	12
APG3105-13-BOLD	Bolt	13
APG3105-14-BOLD	Magneto shield	14
APG3105-15-BOLD	Magneto cover	15
APG3105-16-BOLD	Bolt	16
APG3105-17-BOLD	Depressor	17
APG3105-18-BOLD	Fan	18
APG3105-19-BOLD	Bolt	19
APG3105-20-BOLD	Muffler	20
APG3105-21-BOLD	Lower ventilation cover	21
APG3105-22-BOLD	Cylinder head ventilation cover	22
APG3105-23-BOLD	Bolt	23
APG3105-24-BOLD	Bolt	24
APG3105-25-BOLD	Fuel tank cover	25
APG3105-26-BOLD	Sealing ring	26
APG3105-27-BOLD	Top cover	27
APG3105-28-BOLD	Fuel tank	28
APG3105-29-BOLD	Bolt	29
APG3105-30-BOLD	Handle	30
APG3105-31-BOLD	Bolt	31
APG3105-32-BOLD	Sealing ring	32
APG3105-33-BOLD	Start grip	33
APG3105-34-BOLD	Bolt	34
APG3105-35-BOLD	Ring cover	35
APG3105-36-BOLD	Frame	36
APG3105-37-BOLD	Bolt	37
APG3105-38-BOLD	Fuel switch	38
APG3105-39-BOLD	Oil alert lamp	39
APG3105-40-BOLD	Engine switch	40

3500W Digital Generator

APA Part No.	Description	Part No.
APG3105-41-BOLD	Econ switch	41
APG3105-42-BOLD	Control panel	42
APG3105-43-BOLD	Bolt	43
APG3105-44-BOLD	Fuel valve lever	44
APG3105-45-BOLD	Cabel	45
APG3105-46-BOLD	Indicator	46
APG3105-47-BOLD	DC terminal	47
APG3105-48-BOLD	AC receptacle	48
APG3105-49-BOLD	Control panel film	49
APG3105-50-BOLD	Front cover	50
APG3105-51-BOLD	Bolt	51
APG3105-52-BOLD	Lock pin	52
APG3105-53-BOLD	Washer	53
APG3105-54-BOLD	Wheel	54
APG3105-55-BOLD	Axle	55
APG3105-56-BOLD	Shock absorber	56
APG3105-57-BOLD	Rubber pad	57
APG3105-58-BOLD	Bolt	58
APG3105-59-BOLD	Cubic tube	59
APG3105-60-BOLD	Bolt	60
APG3105-61-BOLD	Bolt	61
APG3105-62-BOLD	Lower liner tube	62
APG3105-63-BOLD	Bolt	63
APG3105-64-BOLD	Upper liner tube	64
APG3105-65-BOLD	Rubber mat	65
APG3105-66-BOLD	Stand	66
APG3105-67-BOLD	Module	67
APG3105-68-BOLD	Left cover	68
APG3105-69-BOLD	Rear cover	69
APG3105-70-BOLD	Bolt	70
APG3105-71-BOLD	Operation button	71
APG3105-72-BOLD	Bolt	72
APG3105-73-BOLD	LCM	73
APG3105-74-BOLD	Nut	74
APG3105-75-BOLD	Washer	75
APG3105-76-BOLD	Lock sheet	76
APG3105-77-BOLD	Access door	77
APG3105-78-BOLD	Knob	78
APG3105-79-BOLD	start button	79
APG3105-80-BOLD	Module	80
APG3105-81-BOLD	Battery	81
