

Fig.A1

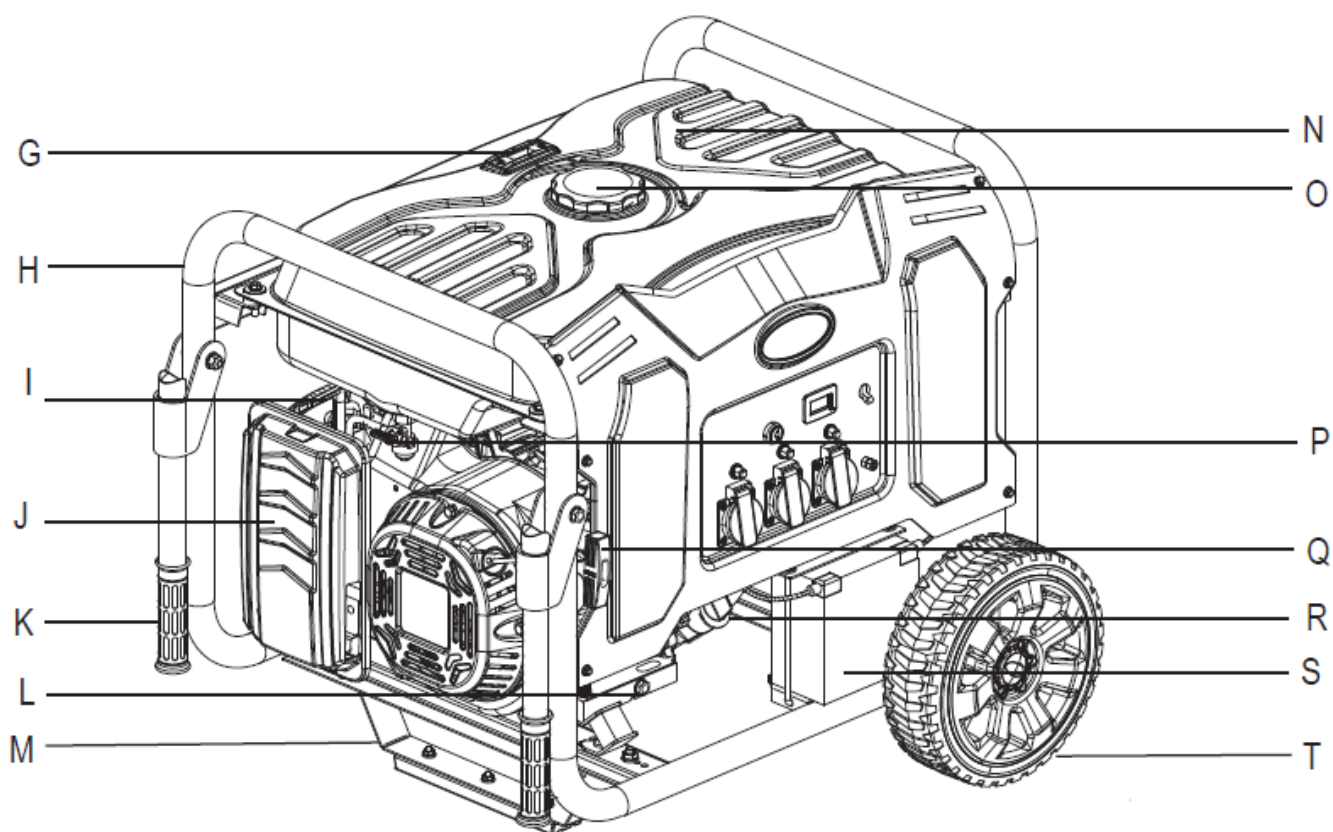


Fig. A2



1	APPLICATION	6
2	DESCRIPTION (FIG.A1 & A2).....	6
3	PACKAGE CONTENT LIST	7
3.1	<i>Unpacking</i>	<i>7</i>
4	SAFETY SYMBOLS	7
5	SAFETY INSTRUCTIONS.....	8
6	ASSEMBLY (FG6250P(E),7750P(E),FG9250P(E)).....	11
6.1	<i>Remove Shipping Bracket (See Fig.1)</i>	<i>11</i>
6.2	<i>Attaching Wheels (See Fig.2).....</i>	<i>11</i>
6.3	<i>Installing Support Leg (See Fig.3)</i>	<i>12</i>
6.4	<i>Attaching the Battery Cable (See Fig.4)</i>	<i>12</i>
6.5	<i>Installing the handles (Fig.5)</i>	<i>13</i>
6.6	<i>Recoil starting (Fig.6)(FG6250P - FG7750P - FG9250P).....</i>	<i>13</i>
7	BEFORE STARTING.....	14
7.1	<i>Adding / Checking Engine Oil (See Fig.7)</i>	<i>15</i>
7.2	<i>Adding Fuel (See Fig.8).....</i>	<i>15</i>
7.3	<i>Connecting Generator to an Electrical System.....</i>	<i>15</i>
8	OPERATING INSTRUCTIONS	16
8.1	<i>Grounding the Generator (See Fig.9)</i>	<i>16</i>
8.2	<i>How to Start Engine (See Fig.10-14).....</i>	<i>16</i>
8.3	<i>Battery Charger for Electric Starter (FOR FG6250P(E) - FG7750P(E)/FG9250 only)</i>	<i>18</i>
8.4	<i>How to Stop Engine (See Fig.15-17)</i>	<i>18</i>
8.5	<i>Receptacles and Extension Cords.....</i>	<i>18</i>
9	MOVING THE GENERATOR.....	18
10	DON'T OVERLOAD GENERATOR.....	18
11	VFT METER (VFT = VOLTS - FREQUENCY - TIME) (SEE FIG.18).....	19
12	POWER MANAGEMENT	19
13	COLD WEATHER OPERATION	20



14	TO BALANCE THE LOAD.....	20
15	CREATING A TEMPORARY COLD WEATHER SHELTER.....	20
16	PRE-OPERATION STEPS	20
17	AFTER EACH USE.....	20
18	MAINTENANCE SCHEDULE	21
19	CHANGING OIL (SEE FIG.19)	21
20	OIL RECOMMENDATIONS.....	22
21	AIR FILTER (SEE FIG.20)	23
22	CHECKING SPARK PLUG (SEE FIG.21)	23
23	SPARK ARRESTOR (SEE FIG.22)	23
24	COOLING SYSTEM	23
25	CARBURETOR ADJUSTMENT	23
26	REPLACING FUEL FILTER (SEE FIG.23)	24
27	DRAINING FUEL TANK AND CARBURETOR	24
27.1	<i>Draining the fuel tank</i>	<i>24</i>
27.2	<i>Draining the carburetor</i>	<i>25</i>
28	STORAGE AND TRANSPORTATION OF THE GENERATOR (SEE FIG.24).....	25
29	ENGINE LONG TERM STORAGE:.....	25
30	TECHNICAL DATA.....	26
31	NOISE.....	26
32	TROUBLESHOOTING	27
33	ELECTRICAL DIAGRAM (RECOIL STARTER TYPE)	28
34	ELECTRICAL DIAGRAM (ELECTRIC START TYPE).....	29
35	CLEANING AND MAINTENANCE	FOUT! BLADWIJZER NIET GEDEFINIEERD
35.1	<i>Cleaning</i>	<i>Fout! Bladwijzer niet gedefinieerd.</i>



35.2 Maintenance *Fout! Bladwijzer niet gedefinieerd.*

36 SERVICE **30**

**GASOLINE GENERATOR****FG6250P - FG7750P - FG9250P – RECOIL STARTER****FG6250PE - FG7750PE - FG9250PE – RECOIL/ELECTRIC STARTER**

Thank you for purchasing this superior quality portable generator from Ford Power Equipment. When operating and maintaining this product as instructed in this manual, your generator will give you many years of reliable service.

1 APPLICATION

This generator is an engine-driven, revolving field, alternating current (AC) portable generator. It is designed to supply electrical power to operate tools, appliances, camping equipment, lighting, or serve as a back up power source during power outages.

It is not designed for professional use.



WARNING! Please read and understand this operating manual before use and keep it for your future reference. Your power tool should only be passed on together with these instructions.

SAVE THIS MANUAL FOR FUTURE REFERENCE

This manual contains important information regarding safety, operation, and maintenance

2 DESCRIPTION (FIG.A1 & A2)

- | | |
|--|-------------------------------|
| A. Circuit Protectors | D. Main Circuit Breaker |
| B. ON/OFF/Start Switch | E. Grounding Stud |
| C. VFT Meter (Voltage, Frequency, Time (hours) | F. Outlets |
| G. Fuel Gauge | N. Fuel Tank |
| H. Generator Frame | O. Fuel Fill Cap |
| I. Choke Lever | P. Fuel Valve (ON/OFF) |
| J. Air Filter | Q. Recoil Starter Grip |
| K. Handles & Grips | R. Oil Fill (Dipstick) |
| L. Oil Drain Plug | S. Battery (Where Applicable) |
| M. Support Leg (Foot) | T. No Flat Foam Filled Tires |



3 PACKAGE CONTENT LIST

3.1 Unpacking

- Place box on a level surface
- Remove all items from box except the generator. Make sure all items listed on the packing list are included and not damaged.
- Cut down the sides of the box being careful to avoid hitting the generator.
- Leave generator on box to install wheel assembly.
- Check all loose parts to the following list. Contact your dealer if any loose parts are not included.



WARNING Packing materials are no toys! Children must not play with plastic bags! Danger of suffocation!

Description	Qty
Generator	1
Quick Start Guide	1
Spark Plug Wrench	1
Toolkit	Phillips screwdriver
	Combination Wrench
Funnel	1
Handles	2
Bushings (Flanged)	4
Outlets	3

Description	Qty
M8 x 50mm Hex Bolts for Handle	2
M8 Flanged Nuts for Handle	2
Wheel	2
Axle	2
Hair pin	2
Hub Cap	2
Screw, Self-Tapping	2
Washer	2
Supporting Leg	1
M8 x 16mm Hex Bolts for Foot	2
M8 Flanged Nuts for Foot	2

4 SAFETY SYMBOLS

The following symbols are used in this manual and/or on the machine:

	WARNING!	Indicates a potentially hazardous situation which could result in serious injury or death if not avoided.
	CAUTION!	Indicates a potentially hazardous situation which could result in damage to equipment or property

	In accordance with essential requirements of the European directive(s)		Read manual before use
	Toxic Fumes		Risk of electric shock
	Risk of fire		Hot surface
	Risk of explosion		Lifting hazard



5 SAFETY INSTRUCTIONS

The manufacturer cannot anticipate every possible hazardous circumstance that the user may encounter. Therefore, the warnings in this manual, on tags, and on affixed decals are not all-inclusive. To avoid accidents, the user must understand and follow all manual instructions and use common sense.



WARNING! Read and understand this manual in its entirety before operating this generator. Improper use of this generator could result in serious injury or death.



WARNING! Do not operate indoors or in a confined space preventing dangerous carbon monoxide gas from dissipating.

- Using a generator indoors **WILL KILL YOU IN MINUTES!**
- Carbon monoxide gas is a poisonous, odorless gas that can cause headache, confusion, fatigue, nausea, fainting, sickness, seizures, or death. If you start to experience any of these symptoms, **IMMEDIATELY** get fresh air and seek medical attention.
- Never use indoors, in a covered area, or in a confined space, even if doors and windows are open.
- Install a battery operated carbon monoxide alarm near bedrooms.
- Keep exhaust from this unit from entering a confined area through windows, doors, vents, or other openings.
- When working in areas where vapors could be inhaled, use a respirator mask according to all of its instructions.



WARNING! Engine exhaust contains chemicals that lead to cause cancer and birth defects.

- Always wash hands after handling generator



WARNING! To reduce the risk of serious injury, avoid attempting to lift the generator alone



WARNING! Never exceed generator's wattage / amperage capacity. This could damage the generator and / or connected electrical devices.

- Check operating voltage and frequency requirements of all electrical devices prior to plugging them into the generator.



WARNING! Never start or stop engine with electrical devices plugged in to the receptacles. Failure to do so could damage the generator and / or connected electrical devices.

- Always start the engine and let it stabilize before connecting any electronic devices.
- Disconnect all electronic devices before stopping the engine.



WARNING! Starter and other moving parts can catch on clothing, jewelry, and hair.

- Do not wear loose clothing or gloves.
- Remove jewelry or anything else that could be caught in moving parts.



- Tie back or wear protective head covering to contain long hair.

**WARNING!****hazardous materials.****Keep engine away from flammable objects and other**

- The fuel and its vapors used to power this unit are highly flammable and could explode resulting in serious injury or death.
- Never fill or drain fuel tank indoors.
- Never overfill fuel tank. If fuel spills, move the unit at least 30 feet away from the spill and wipe up any remaining fuel on the unit before starting the engine.
- Never smoke while operating or fueling this unit.
- Never operate or store this unit near an open flame, heat, or any other ignition source.
- Generator should have at least 5 feet of clearance from buildings or other equipment during operation.
- Keep engine free of grass, leaves, or grease which are flammable.
- When adding or draining fuel, unit should be turned off for at least 2 minutes to cool before removing fuel cap.
- If unit has been running then the fuel cap is under pressure, remove slowly.
- To keep fuel from spilling, secure unit so it cannot tip while operating or transporting.
- When transporting unit, disconnect the spark plug wire and make sure the fuel tank is empty with the fuel shut-off valve turned to the off position.

**WARNING! Pull cord recoils rapidly and pulls arm towards engine faster than you can let go which could result in injury.**

- To avoid recoil, pull starter cord slowly until resistance is felt, then pull rapidly.

**WARNING!****Avoid contacting hot areas of this unit.**

- Use caution around the muffler, cylinder, and other engine parts as they can be extremely hot.
- Allow hot components to cool before touching.

**WARNING!****This generator produces a very high voltage which could result in burns or electrocution causing serious injury or death.**

- Never handle the generator, electronic devices, or any cord while standing in water, while barefoot, or when hands or feet are wet.
- Always keep the generator dry. Never operate generator in rain or under wet conditions.
- Never plug electronic devices into generator having frayed, worn, or bare wires. Never touch bare wires or make contact with receptacles.
- Never permit a child or unqualified person to operate generator. Keep children a minimum of 10 feet away from the generator at all times.
- If using the generator for back up power, notify the utility company.
- If connecting generator to a building's electrical system for standby power, you must use a qualified electrician to install a transfer switch. Failure to isolate the generator from the power utility could result in serious injury or death to electric utility workers.



WARNING!  **Generator must be properly grounded to prevent electrocution.**

- Only operate generator on a level surface.
- Always connect the nut and ground terminal on the frame to an appropriate ground source.



WARNING! Never modify this unit in any way or modify governed speed.

- Increasing governing speed is dangerous which can result in personal injury and / or damaged equipment.
- Decreasing governing speed adds an excessive load and can damage equipment.
- Only when operating at the preset governing speed will this generator will supply the correct rated frequency and voltage.



WARNING! Only use this unit as intended or serious injury or death could result.

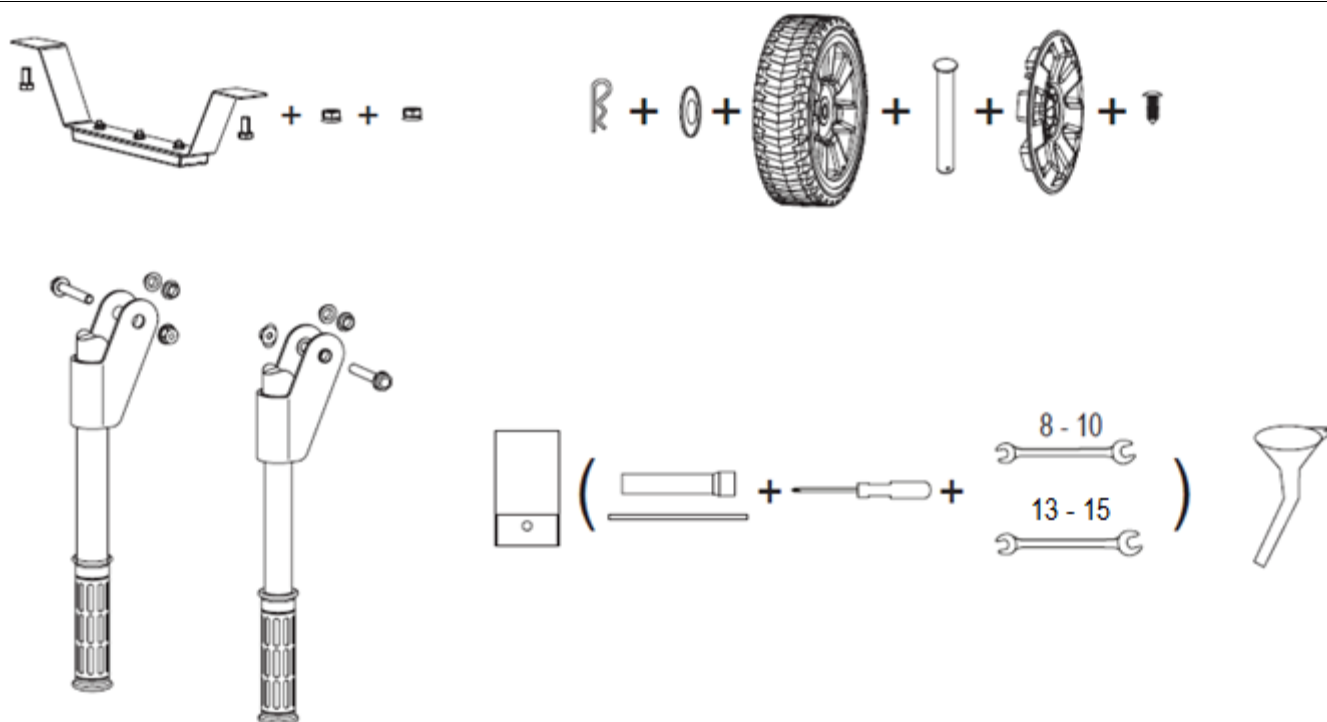
- Do not bypass any safety device. Moving parts are covered with guards. Make sure all protective covers are in place.
- Never transport or make adjustments to this unit while it is running.
- Never insert objects through cooling slots.



WARNING! Never operate this unit if there are any broken or missing parts and only use Ford Power Equipment replacement parts specifically designed for this unit.

- Improper treatment of generator can damage the unit and shorten it's life.
- Always repair this unit as specified in this manual. If you have any questions contact your dealer or consult a qualified service center.
- Shut generator off if electrical output is missing, unit vibrates excessively or begins to smoke, spark or emit flames.

6 ASSEMBLY (FG6250P(E),7750P(E),FG9250P(E))



6.1 Remove Shipping Bracket (See Fig.1)

- Remove and discard the RED shipping bracket and mounting hardware before starting the Generator.

6.2 Attaching Wheels (See Fig.2)

- Parts needed - 2 wheels, 2 axles, 2 hair pins, 2 washers, 2 hub caps and 2 self-tapping screws.
- Raise or tilt generator so you can slide the wheel axle pin into the wheel, the washer, the wheel mounting hole located on the side of the frame.
- Secure the wheel assembly by reinserting a hair pin through hole at the end of the wheel axle and pressing until it locks into place.
- Install hub cap to the wheel until "Click". Install self-tapping screw, until the screw is snug.
- Repeat process on the other side of the generator to install the second wheel.

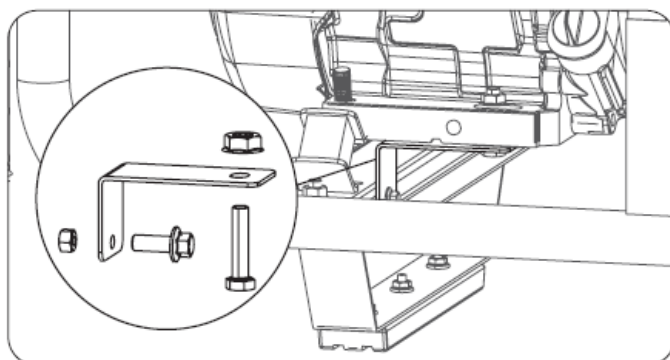


Fig.1

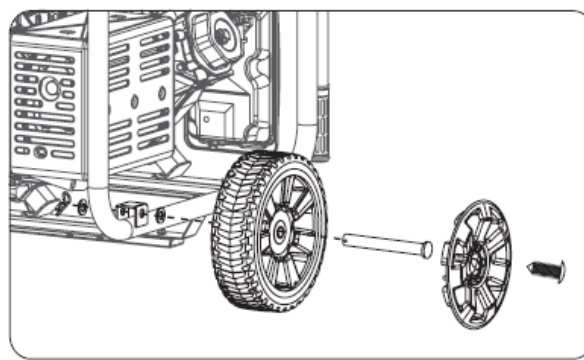


Fig.2

6.3 Installing Support Leg (See Fig.3)

- Parts needed - Support leg & M8 screw (2).
 - Raise the front end of the generator high enough to gain access to the bottom of the frame.
 - Securely position props underneath to support.
 - Line up holes on the support leg bracket to the holes on the front of the generator frame.
 - Attach the support leg using M8 screws (2).
- Installing the handles (See Fig.3)

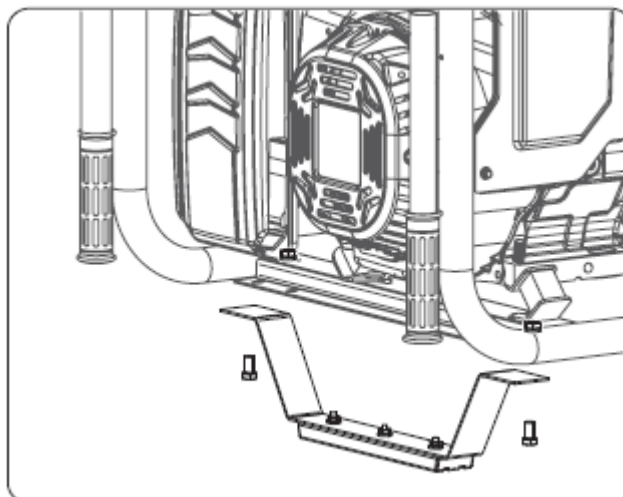


Fig.3

6.4 Attaching the Battery Cable (See Fig.4) (FG6250PE / FG7750PE/ FG 9250PE ONLY)

- Parts needed - Black and Red battery cable
- The Red (+) Connector should be attached to the battery first.
- Remove the screw from the battery terminal.
- Place the screw through the eyelet and tighten the screw and make sure the terminal will not touch any part of the frame.
- Install the Red protection boot.

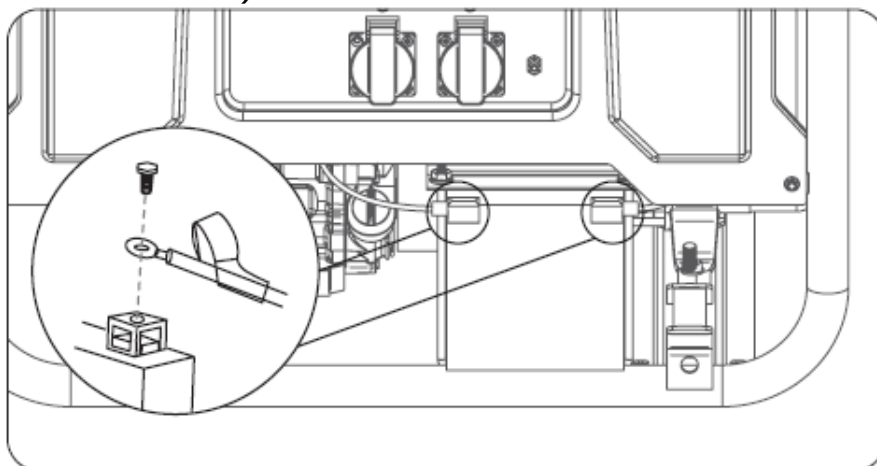


Fig.4

Repeat these steps for the Black (-) Terminal.



WARNING! Be careful not to short across the terminals when installing. Shorting the terminals together can cause sparks, damage to the battery or generator, or even burns or explosions.

Cover the terminals with the rubber covers

When removing the battery for replacement: Remove the nut and bolt first from the negative (Black) post, then from the positive (Red) post, being careful not to short across the terminals. Always abide by the safety warnings provided with the battery. Remove the battery and dispose of it according to your local and state regulations.



WARNING! Battery posts, terminals, and accessories contain lead and lead compounds known to cause | cancer and reproductive harm.

- Always wash hands after touching battery

6.5 Installing the handles (Fig.5)

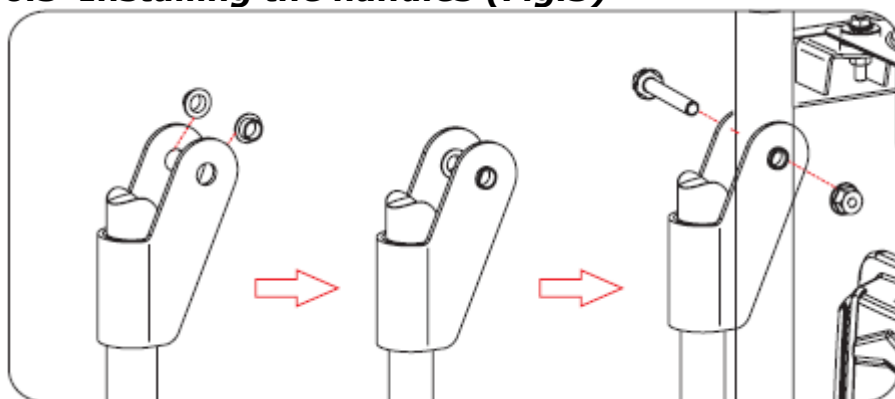


Fig. 5

6.6 Recoil starting (Fig.6)

Attach the Recoil Starter Grip to the bracket.

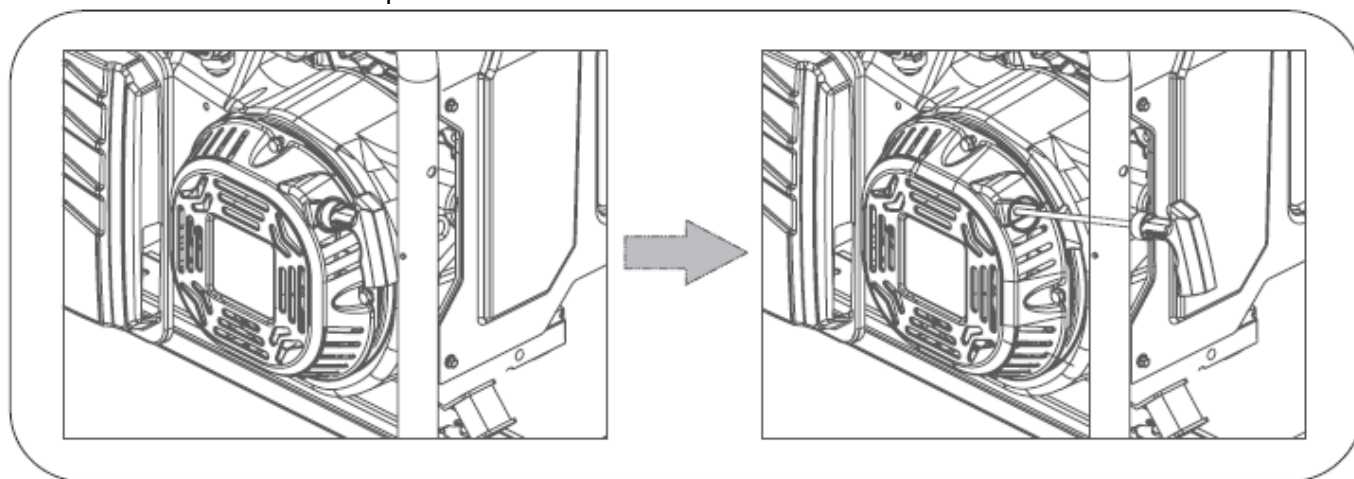


Fig.6

7 BEFORE STARTING

NON-SPILLABLE SEALED BATTERY
This is a ready filled, activated sealed battery. Never remove strip. Refer to owner's manual or instruction sheet for charging procedures.

! DANGER/POISON

EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY

SHIELD EYES.

NO
 •SPARKS
 •FLAMES
 •SMOKING

SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS

FLUSH EYES IMMEDIATELY WITH WATER

GET MEDICAL HELP FAST

NON-SPILLABLE SEALED BATTERY
This is a ready filled, activated sealed battery. Never remove strip. Refer to owner's manual or instruction sheet for charging procedures.

SHIELD EYES.
EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY

NO
•SPARKS
•FLAMES
•SMOKING

SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS

FLUSH EYES IMMEDIATELY WITH WATER

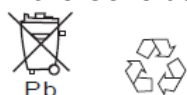
GET MEDICAL HELP FAST

WARNING !

- Wear Eye Protection
- Never Reverse Pole Connections
- Never turn the battery upside down
- DO NOT Smoke near the battery
- If electrolyte contacts the skin wash the area immediately with clean water.
- If you get electrolyte contact with your eyes, rinse immediately with clean water and seek medical attention.

NOTICE:

- If the Generator is stored for over six months the battery will need to be removed and charged.



Antidotes for battery acid :

CONTACT	TREATMENT
External	Flush with water
Internal	Drink large quantities of milk or water, followed by milk of magnesia, vegetable oil or beaten eggs. Get immediate medical attention.
Eyes	Flush with water. Get immediate medical attention.



7.1 Adding / Checking Engine Oil (See Fig.7)

- Place generator on a level surface.
- Remove the crankcase dipstick to ensure you do not overfill the engine.
- Insert a funnel into the crankcase dipstick hold and carefully add 4-Cycle engine oil (SAE10W- 30) to empty reservoir until oil reaches the outer edge of the oil fill hole (crankcase dipstick hole).
- Be sure to replace dipstick before attempting to start the engine.
- To check oil, set generator on a level surface, wipe dipstick clean, then reinsert dipstick without rethreading.

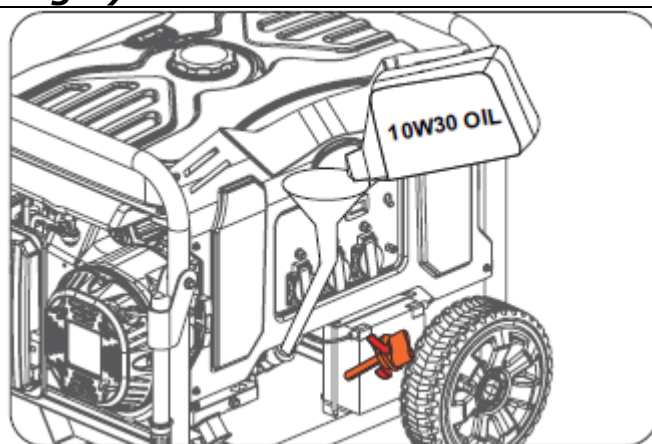


Fig.7

7.2 Adding Fuel (See Fig.8)

- Set generator on a clean and level surface in an area that is well ventilated.
- Remove fuel cap.
- Insert a funnel into the fuel tank and carefully pour gasoline into the tank until fuel level reaches 1 1/2 inches below the top of the neck. Be careful not to overfill the tank to provide space for fuel expansion.

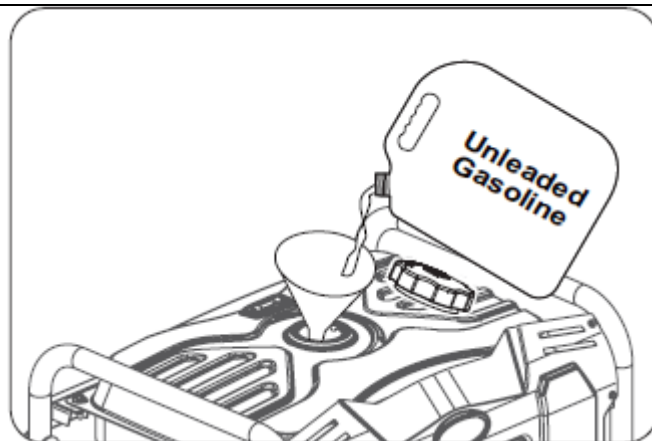


Fig.8



CAUTION! You must add oil before first operating this generator. Always check oil level before each operation.

DO NOT USE E15 OR E85 FUEL IN THIS UNIT. IT IS A VIOLATION OF FEDERAL LAW AND WILL DAMAGE THE UNIT AND VOID YOUR WARRANTY.

7.3 Connecting Generator to an Electrical System

- If connecting generator to a building's electrical system for standby power, you must use a qualified electrician to install a transfer switch. The power from the generator must be isolated from the circuit breaker or alternative power source. The connection must comply with all electrical codes and applicable laws.



WARNING! This generator produces a very high voltage which could result in burn or electrocution causing serious injury or death.

- Never handle the generator, electronic devices, or any cord while standing in water, while barefoot, or when hands or feet are wet.
- Always keep the generator dry. Never operate generator in rain or under wet conditions.
- Use a ground fault circuit interrupter GFCI(North America) or RCD(EU) in a damp or highly conductive area, such as metal decking or steel work.



- Never plug electronic devices into generator having frayed, worn, or bare wires. Never touch bare wires or make contact with receptacles.
- Never permit a child or unqualified person to operate generator. Keep children a minimum of 10 feet away from the generator at all times.
- If using the generator for back up power, notify the utility company.
- If connecting generator to a building's electrical system for standby power, you must use a qualified electrician to install a transfer switch. Failure to isolate the generator from the power utility could result in serious injury or death to electric utility workers.

8 OPERATING INSTRUCTIONS

8.1 Grounding the Generator (See Fig.9)

The ground terminal located on the back of the generator frame must always be used to connect generator to a driven ground rod. Connect the ground terminal to the driven ground rod with a No 8 AWG (American Wire Gauge) copper wire. The wire connects to the terminal between the lock washer and nut. Tighten the nut securely to ensure proper connection. Grounding the generator protects you from electric shock that results from a build up of static electricity or undetected ground faults.

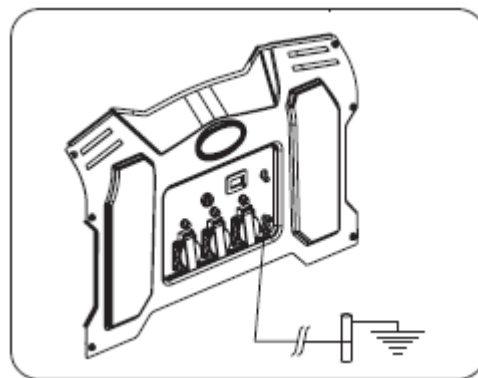


Fig.9



WARNING!



Generator must be properly grounded to prevent electrocution.

- Only operate generator on a level surface.
- Always connect the nut and ground terminal on the frame to an appropriate ground source.

8.2 How to Start Engine (See Fig.10-14)

- Place generator on a level surface. All electrical loads **MUST** be disconnected from generator.
- Turn fuel valve to the "ON" position. (See Fig.10)
- Slide the choke lever to the "Choke" position. (See Fig.11) **SKIP THIS IF THE ENGINE IS WARM OR HOT.**
- For **electric start**, Turn the START/ON/OFF switch (Key) to the "START" position to attempt to start the Engine. If the Engine cranks and fails to start within 15 seconds wait about 1 minute before attempting to start again. (See Fig.12)
- For **manual start**, turn the engine "ON/OFF" switch to the "ON" position. (See Fig.13) or turn the engine "START/ON/OFF" switch to the "ON" position. (see Fig.12-2). Pull the recoil handle (starter cord) slowly until resistance is felt, then pull rapidly.
- Let engine run for several seconds and then gradually, as engine warms up, slide the choke lever towards the "RUN" position until the choke is fully slid to the "RUN" position. (See Fig.14)



WARNING! Never start or stop engine with electrical devices plugged in to the receptacles. Failure to do so could damage the generator and / or connected electrical devices.

- Always start the engine and let it stabilize before connecting any electronic devices.
- Disconnect all electronic devices before stopping the engine.



WARNING! Pull cord recoils rapidly and pulls arm towards engine faster than you can let go which could result in injury.

- To avoid recoil, pull starter cord slowly until resistance is felt, then pull rapidly.

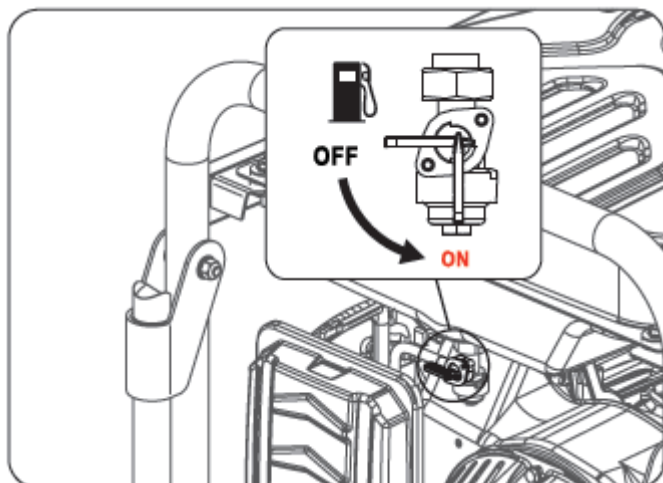


fig. 10

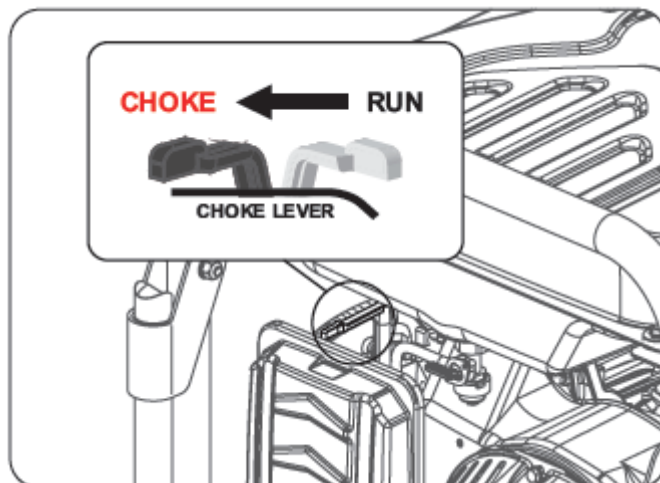


Fig.11

SKIP THIS IF THE ENGINE IS WARM OR HOT

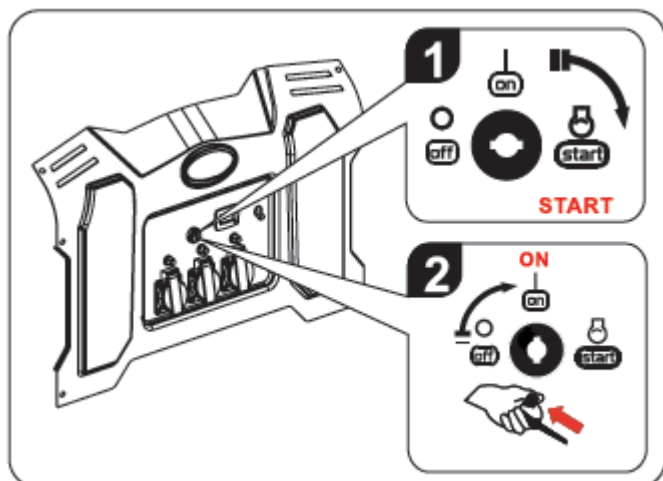


Fig.12 - Electric Start

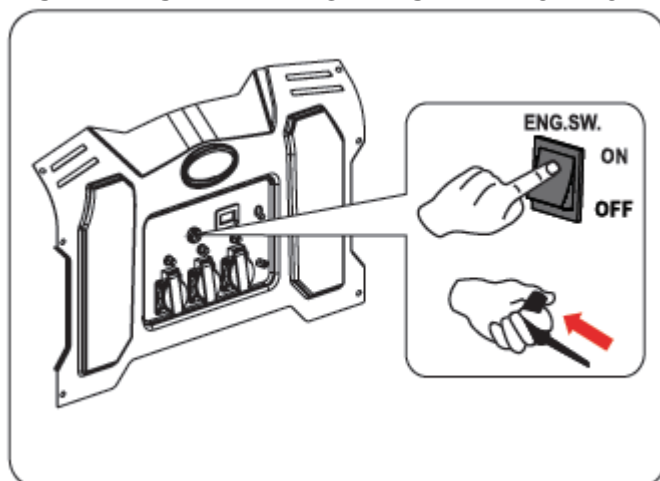


Fig.13 - Recoil Start

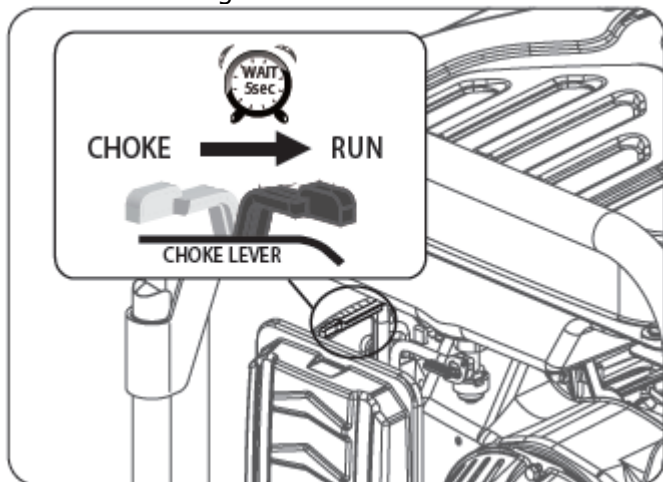


Fig. 14



8.3 Battery Charger for Electric Starter (FOR FG6250PE - FG7750PE - FG9250PE only)

Keep the generator battery fully charged and ready to use to avoid the need to use the recoil starter to start the generator manually.

8.4 How to Stop Engine (See Fig.15-17)

- All loads **MUST** be disconnected from the generator. Never start or stop the engine with electrical devices plugged in to the receptacles.
- Turn the fuel valve to the "OFF" position.
- Turn the engine ON/OFF switch to the "OFF" position. (recoil starter : see Fig. 17-2)
- Turn the engine START/ON/OFF switch to the "OFF" position. (Electric starter : see fig. 17-1)

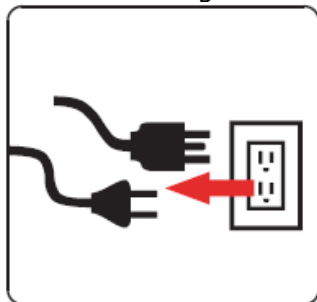


Fig. 15

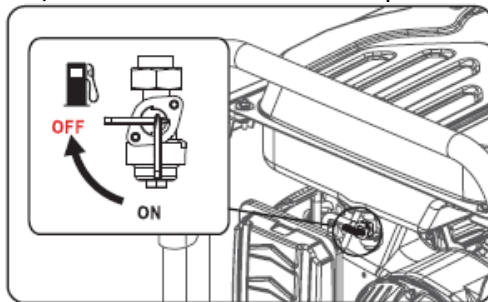


Fig.16

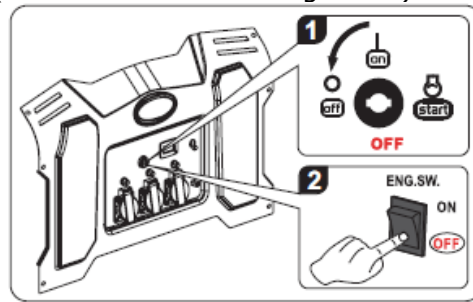


Fig.17

8.5 Receptacles and Extension Cords

Only use high quality, well-insulated, grounded extension cords in good condition with generator receptacles. Follow each load manufacturer's power rating recommendation when selecting receptacle and extension cord.



CAUTION! Do not connect 3-phase loads to generator

9 MOVING THE GENERATOR

- Disconnect any electronic devices from generator then turn generator off.
- Turn fuel valve to the "OFF" position.
- Tilt generator until it balances on wheels. Roll machine to desired location.

If the generator must be carried, fold handle to the down position. Never lift or carry generator by its handle



CAUTION! This product is heavy and requires several people to lift. Lift and lower with your legs by bending at the knees, not your back, to avoid injury

10 DON'T OVERLOAD GENERATOR

Make sure you can supply enough rated watts and surge watts for all electronic devices connected to the generator. Rated watts refer to the power a generator must supply to keep a device running. Surge watts refer to the power a generator must supply to start an electronic device. This power surge for starting a device usually lasts between 2-3 seconds but this additional output must be taken into account when selecting the electronic devices you plan to attach to the generator. To prevent overloading the generator take the following steps:

1. Add up the total rated wattage of all electronic devices that will be connected to the generator simultaneously.
2. Estimate surge watts by adding the item(s) with the highest output (it is unnecessary to calculate the surge output for all devices as they should be connected one at a time).
3. Add the Surge Watts to the total Rated Watts in step 1. Keep total load within generator's power capacity.

Operating voltage and frequency requirement of all electronic equipment should be checked prior to plugging them into this generator. Damage may result if the equipment is not designed to operate



within a +/- 10% voltage variation, and +/- 3 Hz frequency variation from the generator name plate ratings. To reduce the risk of damage, always have an additional load plugged into the generator if solid state equipment (such as television set) is used. A power line conditioner is recommended for some solid state applications.



WARNING! When connecting a load, never exceed generator's power (Watt) / current (Amperage) capacity. This could damage the generator and / or connected electrical devices.

- Check operating voltage and frequency requirements of all electrical devices prior to plugging them into the generator

11 VFT METER (VFT = VOLTS - FREQUENCY - TIME) (SEE FIG.18)

- When the generator is started, the voltage value is shown first.
- Press and release the mode button to toggle between Voltage, Frequency, Total Hour Meter and Run/Maintenance Timer.
- **Voltage (V)** displays the operating voltage of the generator.
- **Frequency (F)** displays the frequency in hertz at which the generator is running.
- The **Run/Maintenance Timer** displays the time in hours and minutes each time the generator is ran. The run timer resets to 00:00 when the generator is shut off. Built into this run timer is a maintenance reminder. When the new generator is ran for 25 hours, the meter will display P25. This is to remind you to change the oil after the initial 25 hours of run time.
- When the **Run/Maintenance Timer** displays P50, it is reminding you to clean the air filter.
- When the **Run/Maintenance Timer** displays P100, it is reminding you to change/clean the air filter, clean the air filter, and change the oil.

12 POWER MANAGEMENT

- Start engine without anything connected to generator.
- When engine has stabilized, plug in and turn on first load. It is strongly recommended to plug in devices with the largest output first and the smallest output last to help prevent overloading the generator.

Allow generator output to stabilize (engine and attached devices run evenly) before plugging in the next load.

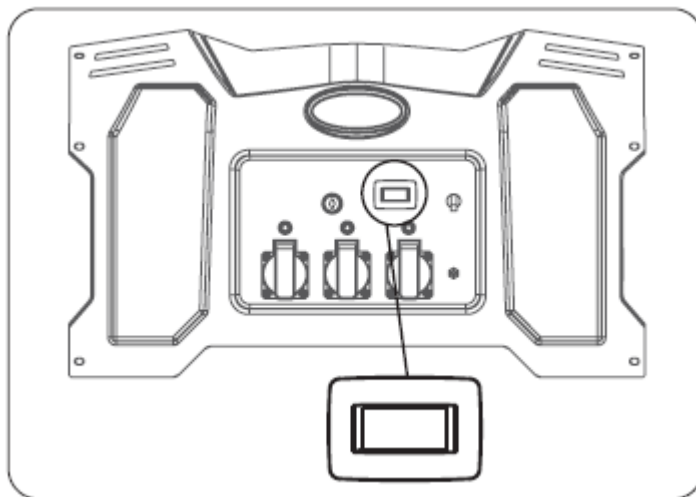


Fig 18



13 COLD WEATHER OPERATION

Under humid conditions where temperatures drop to 40°F (4°C) the carburetor and/or crankcase breather system may begin to freeze. To prevent icing take the following steps:

1. Replace any old fuel with clean, fresh fuel.
2. Use synthetic 5W-30 or SAE 5W-30 engine oil. Check oil daily or after every 8 hours of use.
3. Turn fuel valve to the open position.
4. Ensure generator is serviced according to the maintenance schedule under "Maintenance" section of manual.
5. Shelter unit from elements.

14 TO BALANCE THE LOAD

To obtain the best output and performance of your Ford Generator it is best to make every effort to balance the load on the outlets. Attempt to spread the load as evenly as possible by utilizing all outlets and try to run higher wattage device on separate outlets when possible. For example; if you have a device that draws 2,500W and a device that draws 2,000W, put one plug in the left duplex receptacle and then plug the other device in the right duplex receptacle which would be a more balance than placing both plugs in a single duplex receptacle putting 4,500W on one receptacle.

15 CREATING A TEMPORARY COLD WEATHER SHELTER

In an emergency, the original shipping carton can be used as a temporary shelter. The shelter should hold enough heat created by the generator to prevent icing.

1. Cut off all flaps.
2. Cut off one of the long sides of the carton to expose the units muffler and exhaust. Do not enclose the muffler / exhaust
3. side of the generator.
4. Slide carton over generator. If necessary, remove the wheel assembly for fit.
5. Maintain 5 feet of clearance between the open side of box and other objects. The exposed side of the box should face away from the wind and elements.
6. Remove shelter when temperatures reach 40°F (4°C).

Regular maintenance will extend the life of this generator and improve its performance. The warranty does not cover items that result from operator negligence, misuse, or abuse. To receive full value from the warranty, operator must maintain the generator as instructed in this manual, including proper storage.



WARNING! Before inspecting or servicing this machine, make sure the engine is off and no parts are moving. Disconnect the spark plug wire and move it away from the spark plug.

16 PRE-OPERATION STEPS

Before starting the engine, perform the following pre-operation steps:

- Check the level of the engine oil and the fuel tank level.
- Make sure the air filter is clean.
- Remove any debris that has collected on the generator and around the muffler and controls. Use a vacuum cleaner to pick up loose debris. If dirt is caked on, use a soft bristle brush.
- Inspect the work area for hazards.

17 AFTER EACH USE

Follow the following procedure after each use:

- Shut off engine.
- Charge electric starter. (see Battery Charger for Electric Starter pg 15)
- Store unit in a clean and dry area.

**18 MAINTENANCE SCHEDULE**

After First 5 Hours	Change Oil
After 8 Hours or Daily	Clean Debris
	Check Engine Oil Level
Annually (25 hr Use)	Check and Clean Air Cleaner
	Change Engine Oil (Service more often under dirty or dusty conditions)
	Check Muffler and Spark Arrester
Annually (100 hr Use)	Service Spark Plug (Replace with NGK BP6ES, Champion N9YC or equivalent)
	Service Fuel Valve
	Inspect Muffler and Spark Arrester
	Check and Clean Air Cleaner, Replace Air Filter
	Clean Cooling System

19 CHANGING OIL (SEE FIG.19)

- Run the Generator until the Engine is warm.
- Place generator on a level surface.
- Remove the crankcase dipstick.
- Place an oil pan underneath the oil drainage bolt to collect used oil.
- Remove the oil drainage plug and allow oil to drain completely.
- Reinstall oil drainage plug, tighten securely.
- Carefully add SAE 10W-30 to empty reservoir until the oil reaches the outer edge of the oil fill hole (Crankcase Dipstick hole).
- Replace crankcase dipstick.

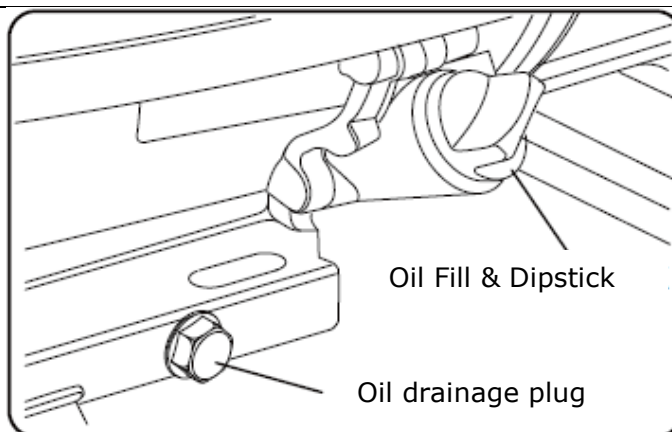
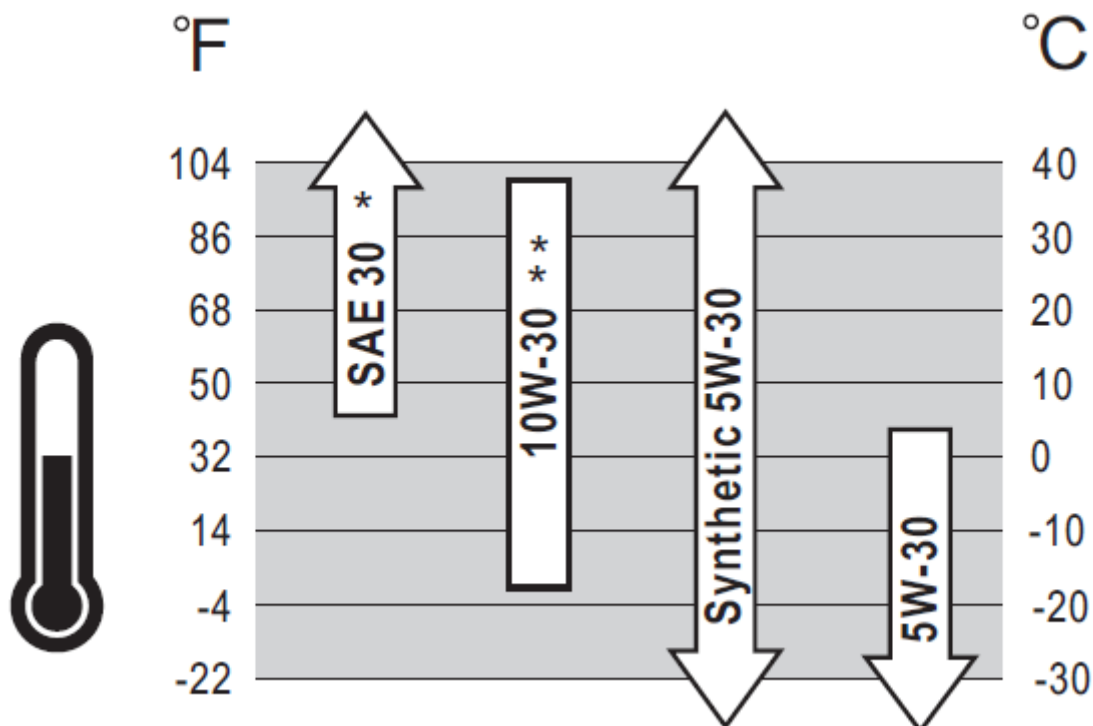


Fig.19

**20 OIL RECOMMENDATIONS**

- Do not use special additives.
- Outdoor temperatures determine the proper oil viscosity for the engine. Use the chart to select the best viscosity for the outdoor temperature range expected.



Note:

* Below 40°F (4°C) the use of SAE 30 will result in hard starting.

** Above 80°F (27°C) the use of 10W-30 may cause increased oil consumption. Check oil level more frequently.



CAUTION! Used oil should be disposed of at an approved disposal site. See your local oil retailer for more information.

21 AIR FILTER (SEE FIG.20)

- A dirty air filter will reduce the life span of the engine, make it difficult to start the engine, and reduce the unit's performance.
- To clean, remove the air filter cover.
- Carefully pull the air filter out by lifting up along the edges.
- Remove dirt from filter by tapping on it or having it blown out. Replace with new filter annually.
- Reinstall air filter so that it seals and replace air filter cover.

22 CHECKING SPARK PLUG (SEE FIG.21)

- Disconnect the spark plug wire from the spark plug.
- Before removing the spark plug, clean the area around its base to prevent debris from entering the engine.
- Clean carbon deposits off the electrode with a wire brush.
- Check the electrode gap and slowly adjust to 0.700 mm - 0.800 mm (.028 - .031") if necessary.
- Reinstall spark plug and tighten to Torque 22.0 - 26.9 Nm (16-20 ft-lb).
- Reconnect spark plug wire.
- If spark plug is worn replace only with an equivalent replacement part. Spark plug should be replaced annually. (BOSCH F7TC, NGK BP6ES, CHAMPION N9YC or Equivalent)

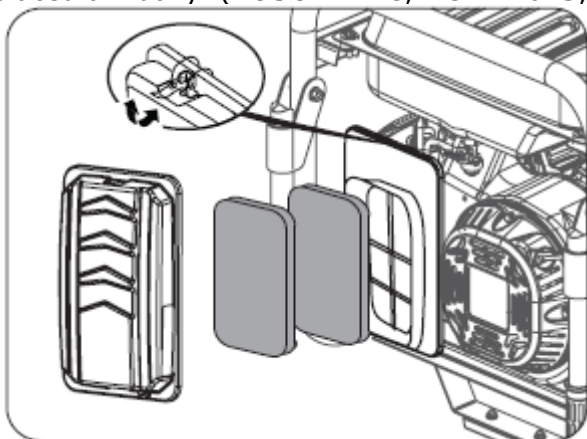


Fig.20

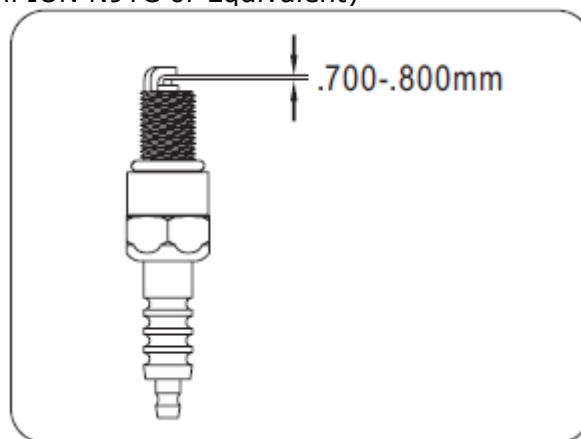


Fig.21

23 SPARK ARRESTOR (SEE FIG.22)

- Inspect the spark arrestor for breaks or holes. Replace if necessary. To purchase a replacement spark arrestor contact your customer service.
- Use a brush to remove carbon deposits from the spark arrestor screen as needed.
- To remove the spark arrestor: While the muffler is cool, loosen the locking clamp and slide the spark arrestor out of the muffler. Reverse this process to install it.

24 COOLING SYSTEM

- Cooling system should only be serviced by an authorized dealer

25 CARBURETOR ADJUSTMENT

The carburetor is low emission and is equipped with a non-adjustable idle mixture valve. If adjustment is needed contact an authorized dealer.

26 REPLACING FUEL FILTER (SEE FIG.23)

Occasionally the fuel filter may become clogged and need replacing. To purchase a replacement fuel filter contact your supplier (see manual back) or your local small Engine repair shop.

- Turn the fuel valve to the "OFF" position.
- Remove the fuel line from both sides of the filter by squeezing the ends of the retaining clip with pliers.
- Slide the fuel line off.
- Replace with new fuel filter.
- Reinstall fuel lines to new fuel filter.
- Turn the fuel valve to the "ON" position



CAUTION! Fuel tank must be empty before replacing fuel filter. Run unit until tank is empty, if needed, or inspect filter prior to fill-up

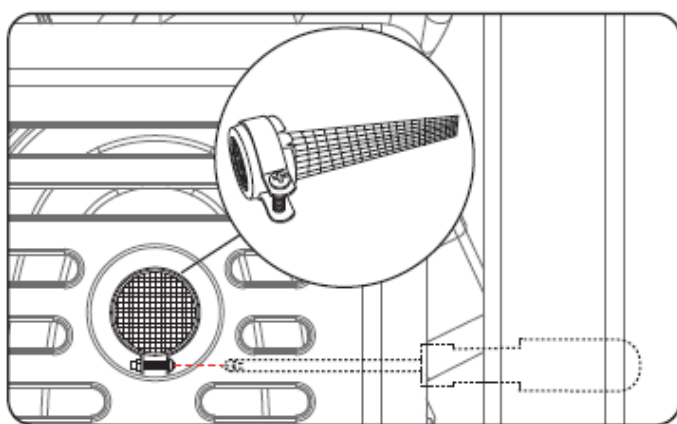


Fig.22

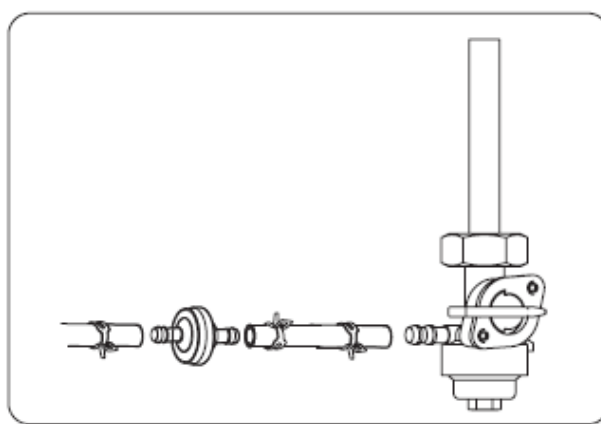


Fig.23

27 DRAINING FUEL TANK AND CARBURETOR

To help prevent gum deposits in the fuel system, drain the fuel from the tank and carburetor before storing the unit for long periods of time. This will help prevent starting problems in the future. If the unit is stored with fuel and the fuel becomes stale or turns gummy or to varnish the warranty does not cover this repair or service.

27.1 Draining the fuel tank

- Turn the engine OFF.
- Turn the fuel valve to the OFF position.
- Remove the fuel line that leads to the carburetor from the petcock by squeezing the ends of the hose clamps and sliding the fuel line off.
- If needed, install a fuel hose that will extend to a suitable fuel container large enough to catch the fuel being drained from the tank.
- Turn the fuel valve to the ON position.

When the fuel has drained from the tank, close the fuel valve and reinstall fuel line securely on petcock.



27.2 Draining the carburetor

- Turn the engine OFF.
- Turn the fuel valve to the OFF position.
- Position a suitable container under the carburetor drain screw to catch fuel; loosen the screw.
- Allow fuel to drain completely into container.
- Retighten drain screw



CAUTION! Consult your local hazardous waste management in your area for the proper way to dispose of used fuel

28 STORAGE AND TRANSPORTATION OF THE GENERATOR (SEE FIG.24)

- Remove any debris that has collected on the generator and around the muffler and control panel. Use a brush or vacuum to remove loose dirt.
- Inspect air cooling slots. Remove any debris if obstructed.
- For short-term storage, start generator once every 7 days.
- For semi-long term storage, add fuel stabilizer to prevent stale fuel from causing acid and gum deposits in the fuel system and carburetor .
- For long-term storage, drain the fuel.
- Store the generator indoors to prevent freezing.
- The generator must be Shipped, Run and Stored in the upright position as seen in image 24.

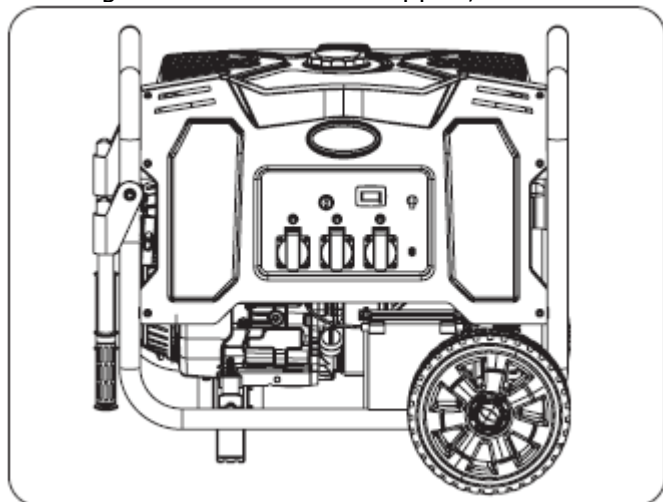


Fig.24.

29 ENGINE LONG TERM STORAGE:

- Remove the spark plug and pour about 1 teaspoon of 10W30 Engine oil into the spark plug hole. Reinstall the spark plug. With the ON/OFF switch in the OFF position pull the recoil starter cord several time to coat the cylinder walls with oil.
- Slowly pull the recoil Starter until you feel the engine build compression (When you feel resistance). Leave the Engine in this state as this will prevent any corrosion on the cylinder walls if stored for a long period of time.

**30 TECHNICAL DATA**

MODEL		FG6250P(E)	FG7750P(E)	FG9250P(E)
AC Output	Frequency	50Hz	50Hz	50Hz
	Rated power	4000W	5000W	6000W
	Peak power	5500W	6500W	7500W
	Voltage	110V / 230-240V AC		
Engine	420cc OHV, 4 Stroke, Air Cooled			
Engine Oil	10W30 - 1L			
Fuel Tank	25L Unleaded Gasoline			

31 NOISE

Noise values measured according to relevant standard. (K = 3)

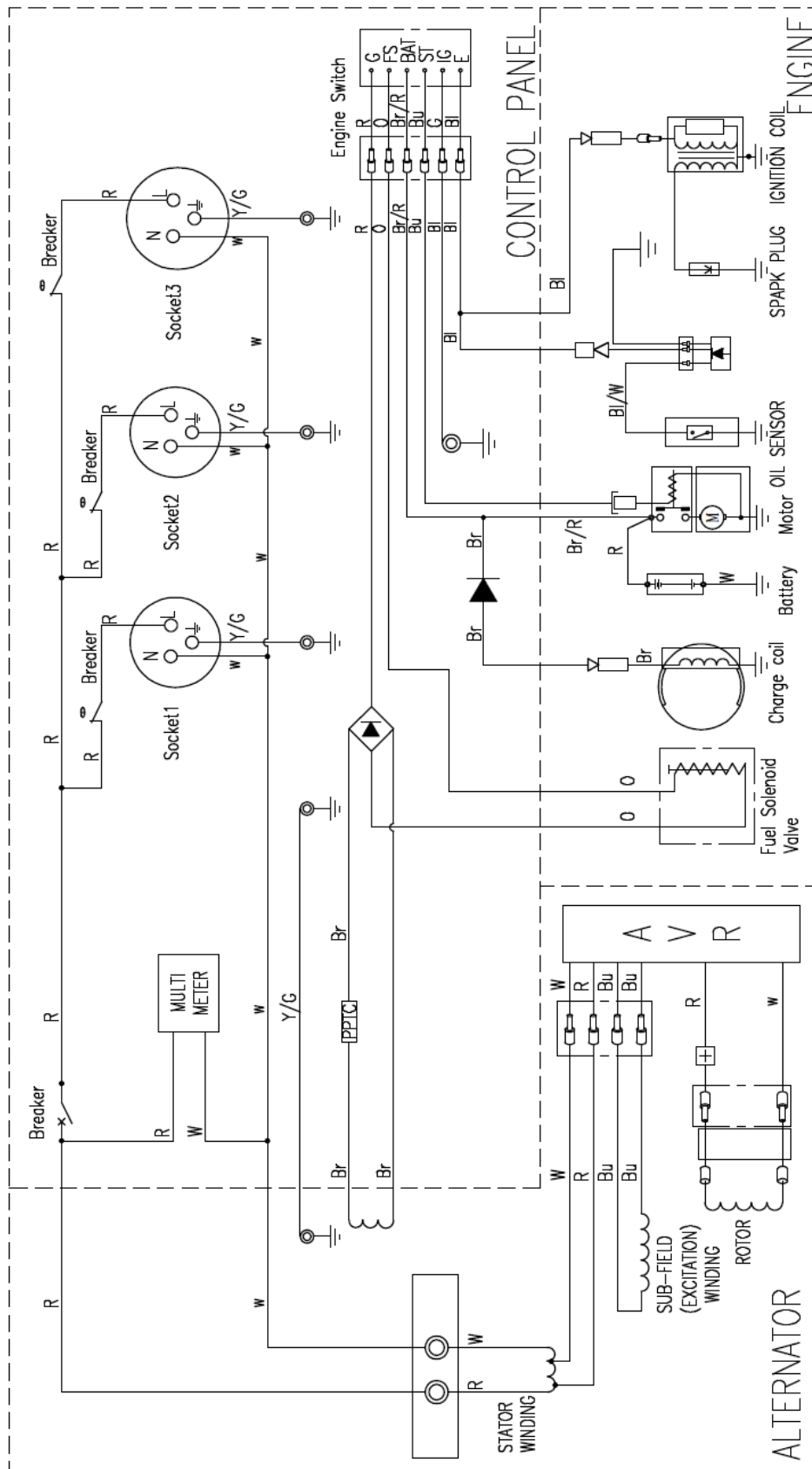
	FG6250P(E)	FG7750P(E) - FG9250P(E)
Acoustic pressure level LpA	75 dB(A)	76 dB(A)
Acoustic power level LwA	97 dB(A)	97 dB(A)



ATTENTION! The sound power level may exceed 80 dB(A), in this case individual hearing protection shall be worn.

**32 TROUBLESHOOTING**

Problem	Cause	Solution
Engine is running, but AC output is not available	<ol style="list-style-type: none">1. Open circuit breaker2. Poor connection3. Defective cord set4. Connected device is faulty5. Fault in generator	<ol style="list-style-type: none">1. Reset circuit breaker2. Check and repair3. Check and repair4. Connect a device that is working properly5. Contact service department
Engine runs well without load but bogs down when loads are connected	<ol style="list-style-type: none">1. Short circuit in connected device2. Generator is overloaded3. Clogged fuel filter4. Engine speed is too slow5. Short circuit in generator	<ol style="list-style-type: none">1. Disconnect device2. See chapter "Don't overload generator"3. Clean or replace fuel filter4. Contact service department5. Contact service department
Engine will not start, shuts down during operation, or starts and runs rough.	<ol style="list-style-type: none">1. ON/OFF switch set to "OFF"2. Dirty Air filter3. Clogged fuel filter4. Stale fuel5. Spark plug wire disconnected from spark plug6. Bad spark plug7. Water in fuel8. Fuel valve is in "OFF" position9. Over choking10. Low oil level11. Rich fuel mixture12. Intake valve stuck open or closed13. Loss of engine compression14. Dead battery15. Engine has flooded	<ol style="list-style-type: none">1. Turn switch to "ON"2. Replace Air filter3. Clean or replace fuel filter4. Replace fuel5. Reconnect spark plug wire6. Replace spark plug7. Drain fuel tank and replace fuel8. Turn fuel valve to "ON" position9. Turn off choke10. Fill crankcase to proper oil level & place generator on a level surface11. Contact service department12. Contact service department13. Contact service department14. Recharge or replace battery15. Wait 5 minutes and re crank engine
Engine lacks power	<ol style="list-style-type: none">1. Generator is overloaded2. Clogged fuel filter3. Dirty Air filter4. Engine needs servicing	<ol style="list-style-type: none">1. See chapter "Don't overload generator"2. Clean or replace fuel filter3. Replace Air filter4. Contact service department
Engine "hunts" or falters	<ol style="list-style-type: none">1. Choke was removed too soon2. Clogged fuel filter3. Carburetor is running too rich or too lean	<ol style="list-style-type: none">1. Move choke to middle position until engine runs evenly2. Clean or replace fuel filter3. Contact service department

**33 ELECTRICAL DIAGRAM (RECOIL STARTER TYPE)**

Engine switch connecting

	IG	E	BAT	ST	FS	G
OFF						
ON						
Strat						

Alternator : Alternator - control panel : control panel - Engine : Engine

Bl	Black	Br	Brown	Y/G	Yellow/Green
0	Orange	Br/R	Brown/Red	Bl/W	Black/White
Bu	Blue	LB	Light Blue	G	Green
Gr	Gray	Bl	Black		
R	Red	W	White		

**35 SERVICE**

How to contact us: To order parts, receive warranty assistance, or other services inquiries, you can contact us by : Please see contact data on the back of this manual.

Record the following information bellow for service or warranty assistance

Date of Purchase:	
Model Number:	
Series Number:	
UPC Number:	