WOKIN

791363

SILENT INVERTER GENERATOR

INSTRUCTION MANUAL

3700W
MAX. OUTPUT POWER
230V~50Hz

CE

QUALITY TOOLS QUALITY WORK
WOKIN
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SAVE THIS MANUAL!
You will need this manual for safety instructions, operating procedures and warranty.
Put it and the original sales receipt in a safe dry place for future reference.

GENERAL SAFETY PROCEDURES

NEVER use a generator inside homes, garages, crawlspaces, or other partly enclosed areas. Deadly levelof carbon monoxide can build up in these areas. sing a fan or opening windows and doors does NOTsupply enough fresh air. ONLY use a generator outside and far away from windows, doors, and vents. These open-ings can pull in generator exhaust

Even if 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, moveto fresh air RIGHT AWAY, See a doctor. You may have carbon monoxide poisoning.

WARNING: The exhaust from this product contains chemicals known to the State of California to causecancer, birth defects, or other reproductive har,

WARNING: 'This generator may emit highly flammable and explosive gasoline vapors, which can causesevere burns or even death if ignited, A nearby open flame can lead to explosion even if it isn't directly in contact with gasolinc.

1. Do not operate near open flamne.
2. Do not sroke near generator.
3. Always operate on a firn, level surface,
4. Always turn generator olf before refueling, Allow generator to cool for at least 2 minutes before removingfucl cap. Loosen cap slowly to relieve pressure in tank.
5. Do not overfll funel tank, (asoline may expand during operation, Do not fill to the top of the tank, Allowfor expansion.Always check for spilled fuel before operating.
6. Empty fuel tank before storing or transporting the generator.

WARNING: This generator produces powerful voltage, which can result in electrocution.

1. ALWAYS ground the generator before using it (see the "Ground the Generator" portion of the GENERATOR PREPARATION" section).Generator should only be plugged into clectrical devices, cither directly or with an extension cord.NEyER connect to a building electrical system without a qualified electrician. Such connections mustcommply with local electrical laws and codes, Failure to comply can create a back-feed, which may resultin serious injury or death to uility workers.
2. Use a ground fault circuit interrupter (G;FCI) in highly conductive areas such as metal decking or steelwork.GFCIs are available in-line with some extension cords.
3. Do not use in rainy conditions.
4. Do not touch bare wires or receptacles (outlets).
5. Do not allow children or non-qualified persons to operate.

WARNING: This generator produces heat when running. Temperatures near exhaust can exceed 150°F (65° C).

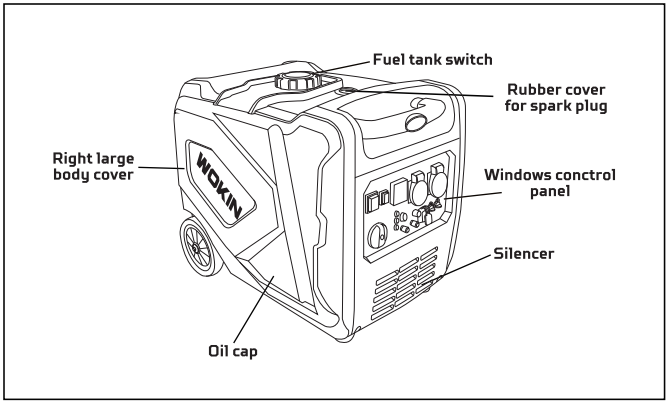
Do not touch hot surlaces. Pay attention to warning labels on the generator identilying hot parts of themachine.
Allow generator to cool down aller use belore touching engine or areas of the generator that becomehot during use.
CAUTION: Misuse of this generator can damage it or shorten its life.
Only use generator for its intended purposes.
Operate only on dry, level surfaces.
Allow generator to run for several minutes before connecting clectrical devices.
Shut off and disconnect any malfunctioning devices from generator.
Do not exceed the wattage capacity of the generator by plugging in more electrcal devices than the unit canhandle.
Do not turn on electrical devices untl after they are connected to the generator.
Turn off all connected electrical devices before stopping the generator.
Turn the engine switch to "OFF" position when the engine is not running.

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS - This manual contains important instructions for the 2000W invertergenerator that should be followed during installation and maintenance of the generator.
Generators vibrate in normal use, During and after the use of the generator, inspect botht he generator as well ascxtension and power supply cords lor damage resulting from vibration, flave damaged items repaired or replacedas necessary, Do not use plugs or cords that show signs of damage such as broken or cracked insulation or dam-aged blades.
For power outages, permanently installed stationary generators are better suited for providing backup power to thehome. Even a properly connected portable generator can become overloaded, This may result in overheating or
stressing of the components, possibly leading to a generator failure.
WARNING: If this generator is used as a supply for a building's wiring system, the generator must be installedby a qualified electrician and connected to a transfer switch as a separately derived system in accordance withthe National Electrical Code, NFPA 70, 'The generator shall be connected to a transfer switch that switches allconductors excluding the equipment grounding conductor, "The frame of the generator shall be connected to anapproved grounding clectrode.

GENERATOR COMPONENTS

Use the illustrations below to become familar with the locations and functions of the various components andcontrols of this generator.



USING THE GENERATOR FOR THE FIRST TIME

Step 1-ADD OIL

Ihe generator is shipped without oil. User must add the proper amount of oil before operating the generator forthe first time. The oil capacity of the engine crankcase is 0.87 quarts (0.35 liters). For general use (above 40° F)we recommend 30W, 4-stroke engine oil.

Engine Oilrecommendations

Select good quality detergent oil bearing the American Petroleum Institute (API) service classifications SI. Slor SM. (Sythetic oils may be used.) Use the ASE viscosity grade of oil from the following chart (Figure 1) thatmatches the starting temperature anticipated before the next oil changes.

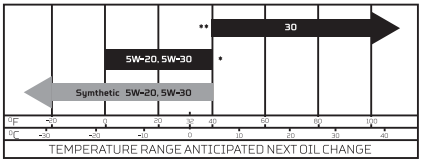
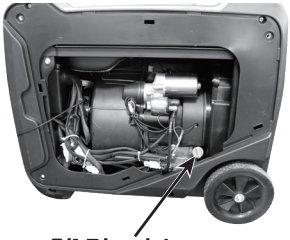


Figure 1 -Engine Oil Replacemendations

To add oil, follow these steps:

1. Make sure the generator is on a level surface. Tilting the generator to assist in filling will cause oil to flowinto engine areas and will cause damage. Keep generator level!2. Open the access panel. Remove the dipstick from the engine. (Figure 2)
3. Add oil slowly to bring level to full. (Figure 2).
4. 'To check the oil level: wipe the dipstick with a clean rag. Insert the dipstick into the oil fill openingwithout screwing in. Remove the dipstick to check the oil mark.
5. Slowly add more oil and repeat step 4 until the oil mark reaches to the top of the dipstick (Figure 2). Donot over fill the crankcase. The generator is equipped with a low oil sensor and will not start if the amountof oil is in sufficient.
6. Check for oil leaks. Tighten dipstick firmly before closing the access panel.



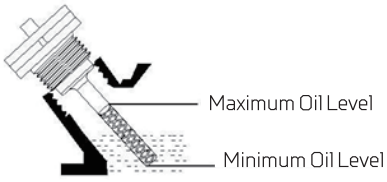


Figure 2 -Oil Fill Opening, Dipstick and Oil Level

Step 2 -ADD GASOLINE
To add gasoline, follow these steps:

1. Make sure the generator is on a level surface.
2. [nscrew fuel cap and set aside, NOTE: The fuel cap may be tight and hard to unscrew.
3. Slowly add unleaded gasoline to the fuel tank, Be carefil not to overlill, The capacity of the fuel tank is lgallon. NOTE: Do not fill the fiuel tank to the very top. Gasoline will expand and spill over during use evenwith the fuel cap in place.
4. Reinstall fuel cap and wipe clean any spilled gasoline with a dry cloth.

IMPORTANT:

1. Never use an oil gasoline mixture.
2. Never use old gasoline.
3. Avoid geting dirt or water into the fuel tank.
4. Gasoline can age in the tank and make starting dillicult, Never store generator for extended periods of timewith fuel in the tank.

STARTING THE GENERATOR

STARTING THE GENERATOR

To start the generator, perform the following steps:

1. Unplug all electrical devices from the generator during starting. Otherwise it can be dilicult for the engine to start.
2. Check that the generator is properly grounded (Refer to “Ground the Generator").
3. Check the oil and fuel levels.
4. Tum the ESC switch to “OFF”.
5. Open vacuum relief valve on top of fuel cap (Figure 4). Rotate clockwise to the “ON” position.
6. Turn the 3-in-1 switch to the “CHOKE" position.
7. Pull on the recoil starter handlle slowly until a slight resistance is felt, then pull quickly to start the engine. Return cord gently into the recoil starter, Never allow the cord to snap back.
8. Once the engine has started, slowly turn the 3-in-1 switch to the “ON” position.
9. If engine is equipped with an electric start function, please complete the above steps 1-7 and press the electric start button to complete the startup (as picture A below).

Allow the generator to rum for several minutes before attempting to connect any electrical devices. This allowsthe generator to stabilize its speed and temperature.

picture A

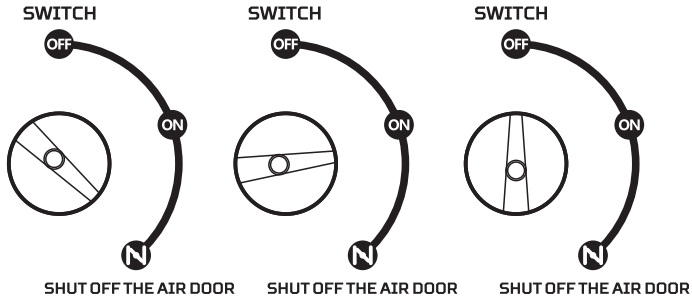
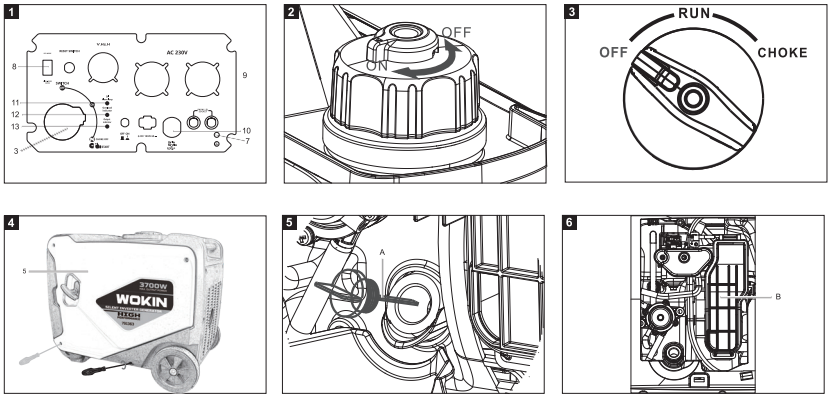


Figure 4 – Fuel Cap & Fuel Valve



STOPPING THE GENERATOR

TO STOP THE GENERATOR

1. Turn off all electrical devices prior to unplugging them from the generator. Unplugging running devicescan cause damage to the generator.
2. Turn the 3-in-1 knob to the "OFF" position.
3. Close the vacuum relief valve on top of fuel cap. Rotate counterclockwise to the "OFF" position.

WARNING: Allow the generator to cool for several minutes before touching areas that become hot dur–ing use.

CAUTION: Allowing gasoline to sit in the fuel tank for long periods of time can make it diflicult to start thegenerator in the future. Never store the generator for extended periods of time with fuel in the fuel tank. Reler toGenerator Storage Section.

SPECIFICATIONS

Technical specification

Model	791363
Rate Power kW)	3.5
Max Power(kW)	3.7
VOLTAGE (V)	230
Engine Speed(Rated speed)	3600
Frequency (Hz)	50
Frequency drop (%)	≤1
Frequency Fluctuation (%)	≤0.5
Wave Distortion	≤3
Power Factor	1.0
Isolation Grade	F
Phase	single
(h) Running Time 50%load	≥8
Running light	YES
Fuel Meter	YES
Over Load protection	YES
Low Oil Protection	YES
Pilot Lamp	YES
(db@7m)	<65
Fuel tank capacity(L)	10

MAINTENANCE & CARE

CLEANING THE GENERATOR

Never clean the generator when it is running! Never clean with a bucket of water or a hose. Water can get insidehe working parts of the generator and cause a short circuit or corrosion.
Always try to use the generator in a cool, dry place, If the generator becomes drty, clean the extemor wth a dampcloth,a soft brush,a vacuum or pressurized air.

CHECKING THE OIL

Check the oil level of the generator according to the Recommended Maintenance Schedule in Figure 9, The generator is equipped with an automatic shutolf to protectit from running on low oil, The generator should be checked before each use forproper oil level. This is a critical step for proper engine starting. To check the oillevel:


Oil Dipstick

1. Make sure the generator is on a level surlace
2. Open access panel. Clean around oil fill, Remove dipstick and wipe thedipstick with a clean rag, Insert the dipstick into the oil fill opening withoutscrewing in. Remove the dipstick to check the oil mark. Add oil if the oilmark covers less than one half of the dipstick.
3. Slowly add more oil and repeat step 2 until the oil mark reaches to the topof dipstick (Figure 10). Do not over fill the crankcase.
4. Rcinstall oil dipstick and access panel.

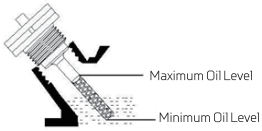


Figure 10 –Oil Fill Opening, Dipstick and Oil Level

CHANGING/ADDING OIL

Change the oil according to the Recommended Maintenance Schedule in Figure 9. Change the oil when the en-gime is warm. This will allow for complete drainage. Change oil more often if operating under heavy load or highambient temperatures, It is also necessary to drain the oil from the crankcase if it has become contaminated withwater or dirt. The oil capacity of the generator engine is 0.37 qts. Add oil when the oil level is low. For propertype and weight of oil refer to "add oil" portion of the "Generator Preparation" section.Drain the oil from the generator according to the following steps after removing the side panel.

1. Place generator on elevated platform such as table or desk, Put a container next to it to hold the used oil. Turnthe vacuum relief valve to "@Fk" positon.
2. Unscrew the dipstick from the engine and set aside
3. Tilt the generator so the used oil llows from the engine into the container, Tilt some more to ensure all oil isout of the crankcase.
4. Fill the crankcase with fresh oil and reinstall the dipstick, Clean any oil spillage before closing the side panel.

To refill the crankcase with oil, follow these steps:

1. Make sure the generator is on a level surface. 'Tilting the generator to assist in filling will cause oil to fow intoengine areas and will cause damage. Keep generator level!
2. Remove the dipstck from the engine.
3. Using a funnel or appropriate dispenser, add the correct amount of oil into the crankcase. The engine isequipped with a low oil pressure sensor and will not start if the amount of oil is insuficient.
4. Reinstall dipstick,

NOTE: Never dispose of used motor oil in the trash or down a drain. Please call a local recycling center or autogarage to arrange oil disposal.

AIR CLEANER MAINTENANCE

Routine maintenance of the air cleaner helps maintain proper airflow to the carburetor. Occasionally checkthat the aur cleaner is firee of excessive dlirt, Refer to lecommended Maintenance Schedule in Figure 9. for aicleaner detail, refer to Figure 11.

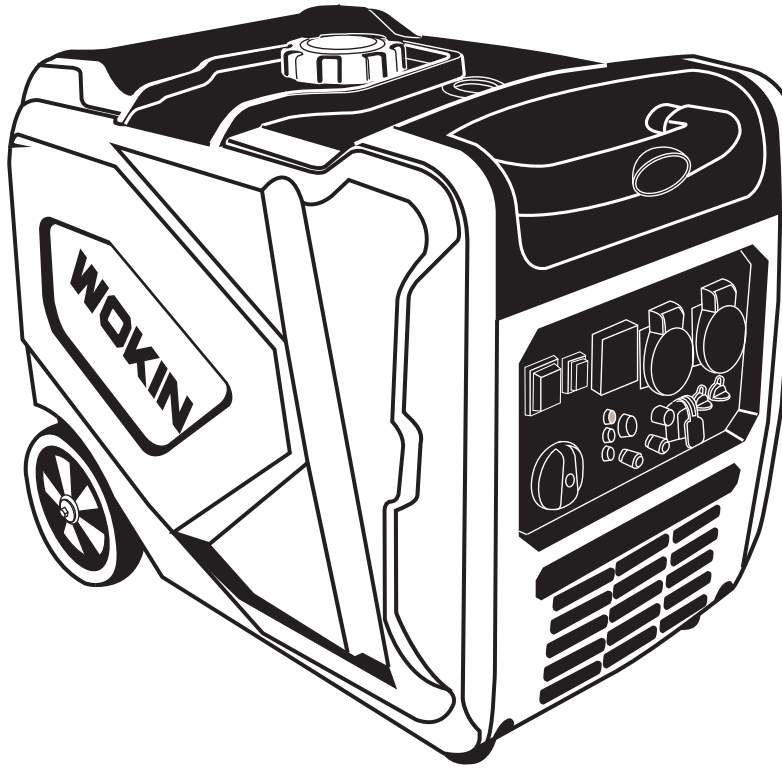
1. Remove the side panel.
2. Remove three screws then pull the air cleaner cartridge out in the arrow direction shown in Figure 15.
3. Check and clean the air cleaner element, replace with a new one if the element is damaged. Good element canbe washed in soapy water, dried and reused. There is no need to add oil to the element.
4. Wipe olf excessive oil from the air cleaner case. $mall amount of oil in the element is normal and necessary lorthe engine to work properly.
5. Reinstall the air cleaner element, cartridge and access panel.

SPARK PLUG MAINTENANCE

1. Remove side panel.
2. Remove spark plug boot, Be careful not to tear insulation or wire.
3. Unscrew the spark plug from the engine using the spark plug wrench provided. There is limited space for thewrench to turn. lse both rows of holes in the spark plug wrench to gain leverage to loosen the plug.
4. Visually inspect the spark plug for cracks or excessive electrode wear. Replace as necessary.
5. Measure the plug gap with a wire gauge. The gap should be 0.6-0.7 mm (0.024-0.028 in).
6. If re-using the spark plug, use a wire brush to clean any dirt from around the spark plug base then re-gap thespark plug.
7. Screw the spark plug back into the spark plug hole using the spark plug wrench. Do not over-ighten sparkplug. Recommended tightening of spark plug is % to 9% of a turn after spark plug gasket contacts spark plug hole.Reinstall the spark plug boot and control panel.

TROUBLESHOOTING

Problem	Possible causes	Likely solutions
Engine will not start	Engine switch in "OFF" position.	Set engine switch to "CHOKE" position.
	Engine is filled withcontaminated or old fuel.	Change the fuel in the tank.
	Not enough oil in crankcase.	Add or replace oil.
	Air cleaner is dirty.	Clean or replace air cleaner.
	Spark plug is dirty.	Clean spark plug.
	Spark plug is broken.	Replace spark plug.
	Generator is not on level surface.	Move generator to a level surface to prevent low oilshutdown from triggering.
	Engine needs maintenance.	Get a professional engine tune-up at an authorized small engine repair shop.
	Generator was tilted whenadding oil, or shipped side-down.	Remove spark plugs, tun off engine switch then pull recoil starter four times to remove oil form the combustion chamber.
Engine stops	Vacuum relief valve in "OFF" position	Tumn vacuum relief valve to "ON" position.
	Not enough oil in crankcase.	Add or change oil.
	Engine is out of fuel.	
Blue smoke in exhaust	Generator inclined, oil entered combustion chamber.	Move generator to a level position.
	Too much oil was added to the crankcase.	Drain excessive oil.
Generator runs butdoes not support allelectrical devicesonne cted.	Bad connecting wires/cables.	If using an extension cord, try a different one.
	Bad electrical device connected to generator.	Try connecting a different device.
	Generator is overloaded.Dverload light is on.	Perform these steps: 1.Turn off all electrical devices. 2.Unplug all electrical devices. 3. Shut down the engine. 4. Wait several minutes and then start the engine. 5. Tryconnecting fewer electrical loads to the generator.
	Short in one of the conneeted devices.	Try disconnecting any faulty or short-circuited electrical loads.



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