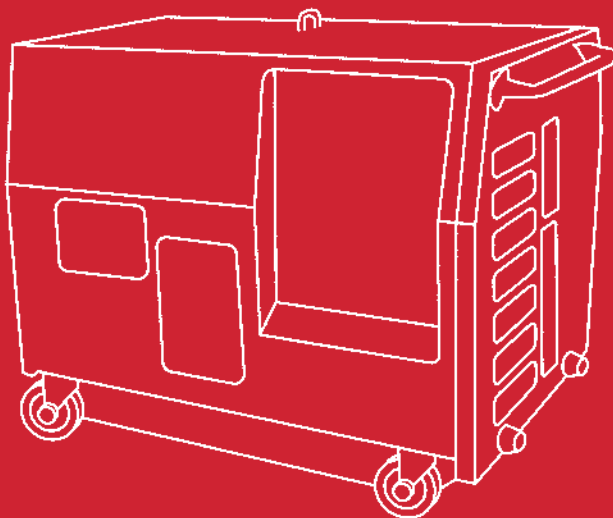




# GENERATOR

## EX4000S • EX4500S



ECOLOGY CONSCIOUS TECHNOLOGY

**OWNER'S MANUAL**  
**MANUEL DE L'UTILISATEUR**  
**BEDIENUNGSANLEITUNG**  
**MANUAL DE EXPLICACIONES**

# Honda EX4000S • EX4500S

## **OWNER'S MANUAL**

Original instructions



## **MANUEL DE L'UTILISATEUR**

Notice originale



## **BEDIENUNGSANLEITUNG**

Originalbetriebsanleitung



## **MANUAL DE EXPLICACIONES**

Manual original



ECOLOGY CONSCIOUS TECHNOLOGY

The “e-SPEC” mark symbolizes environmentally responsible technologies applied to Honda power equipment, which contains our wish to “preserve nature for generations to come.”

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Thank you for purchasing a Honda generator.

This manual covers operation and maintenance of the EX4000S and EX4500S generators.

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

Honda Motor Co., Ltd. reserves the right to make changes at any time without notice and without incurring any obligation.

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

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

Pay special attention to statements preceded by the following words:

**▲ 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 Honda dealer.

**▲ WARNING** Honda generator is 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.**

The illustration may vary according to the type.

# CONTENTS

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1. SAFETY INSTRUCTIONS.....	3
2. SAFETY LABEL LOCATIONS.....	7
CE mark and noise label locations .....	10
3. COMPONENT IDENTIFICATION.....	11
4. PRE-OPERATION CHECK .....	16
5. STARTING THE ENGINE.....	22
• High altitude operation	
6. GENERATOR USE.....	25
7. STOPPING THE ENGINE .....	30
8. MAINTENANCE.....	31
9. TRANSPORTING/STORAGE .....	43
10. TROUBLESHOOTING.....	45
11. OPTIONAL PARTS.....	47
12. SPECIFICATIONS.....	51
13. WIRING DIAGRAM.....	53
MAJOR Honda DISTRIBUTOR ADDRESSES .....	inside of back cover
“EC Declaration of Conformity” CONTENT OUTLINE ...	inside of back cover

# 1. SAFETY INSTRUCTIONS

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## **IMPORTANT SAFETY INFORMATION**

Honda generators are designed for use with electrical equipment that has suitable power requirements. Other uses can result in injury to the operator or damage to the generator and other property.

Most injuries or property damage can be prevented if you follow all instructions in this manual and on the generator. The most common hazards are discussed below, along with the best way to protect yourself and others.

Never attempt to modify the generator. It can cause an accident as well as damage to the generator and appliances.

- Do not connect an extension to the muffler.
- Do not modify the intake system.
- Do not adjust the governor.
- Do not remove the control panel or do not change the wiring of the control panel.

## **Operator Responsibility**

Know how to stop the generator quickly in case of emergency.

Understand the use of all generator controls, output receptacles, and connections.

Be sure that anyone who operates the generator receives proper instruction.

Do not let children operate the generator without parental supervision.

Be sure to observe the instructions in this manual for how to use the generator and maintenance information. Ignoring or improperly following the instructions can cause an accident such as an electric shock, and the condition of the exhaust gas may deteriorate.

Place the generator on a firm level place before operation.

Do not operate the generator with any cover removed. You may get your hand or foot caught in the generator and it may cause accident.

Consult your authorized Honda dealer for disassembly and service of the generator that are not covered in this manual.

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### **Carbon Monoxide Hazards**

Exhaust contains poisonous carbon monoxide, a colorless, odorless gas. Breathing exhaust can cause loss of consciousness and may lead to death.

If you run the generator in an area that is confined, or even partially enclosed area, the air you breathe could contain a dangerous amount of exhaust gas.

Never run your generator inside a garage, house, or near open windows or doors.

### **Electric Shock Hazards**

The generator produces enough electric power to cause a serious shock or electrocution if misused.

Using a generator or electrical appliance in wet conditions, such as rain or snow, or near a pool or sprinkler system, or when your hands are wet, could result in electrocution.

Keep the generator dry.

If the generator is stored outdoors, unprotected from the weather, check all of the electrical components on the control panel before each use. Moisture or ice can cause a malfunction or short circuit in electrical components that could result in electrocution.

If you get an electric shock, consult a doctor and have medical treatment immediately.

Do not connect to a building's electrical system unless an isolation switch has been installed by a qualified electrician.

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## **Fire and Burn Hazards**

Do not use the generator in areas with a high risk of fire.

When installed in ventilated rooms, additional requirements for fire and explosion protection shall be observed.

The exhaust system gets hot enough to ignite some materials.

- Keep the generator at least 1 meter (3 feet) away from buildings and other equipment during operation.
- Do not enclose the generator in any structure.
- Keep flammable materials away from the generator.

Some parts of the internal combustion engine are hot and may cause burns. Pay attention to the warnings on the generator.

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.

Do not pour the water directly on the generator to put out the fire when it occurs. Use an appropriate fire extinguisher specially designed for electric fire or oil fire.

If you inhale fumes produced by an accidental fire with the generator, consult a doctor and have medical treatment immediately.

## **Refuel With Care**

Gasoline is extremely flammable, and gasoline vapor can explode. Allow the engine to cool if the generator has been in operation.

Refuel only outdoors in a well ventilated area with the engine off.

Do not overfill the fuel tank.

Never smoke near gasoline, and keep other flames and sparks away.

Always store gasoline in an approved container.

Make sure that any spilled fuel has been wiped up before starting the engine.

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## **Disposal**

To protect the environment, do not dispose of the used generator, battery, engine oil, etc. carelessly by leaving them in the waste. Observe the local laws or regulations or consult your authorized Honda generator dealer to dispose of these parts.

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

An improperly disposed battery can hurt the environment. Always confirm local regulations for battery disposal. Contact your Honda servicing dealer for a replacement.

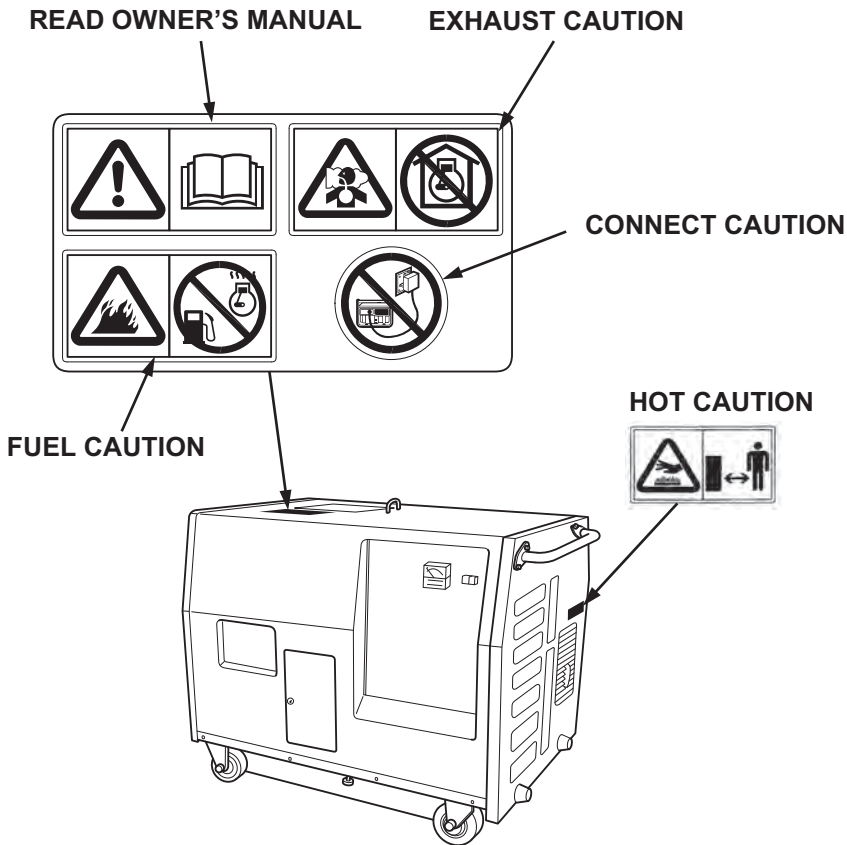


## 2. SAFETY LABEL LOCATIONS

### EX4000S: B, F, G, GW, IT types

These labels warn you of potential hazards that can cause serious injury. Read the labels and safety notes and precautions described in this manual carefully.

If a label comes off or becomes hard to read, contact your Honda dealer for a replacement.





- **Honda generator is 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.**



- **Exhaust contains poisonous carbon monoxide, a colorless, odorless gas. Breathing carbon monoxide can cause loss of consciousness and may lead to death.**
- **If you run the generator in an area that is confined, or even partially enclosed area, the air you breathe could contain a dangerous amount of exhaust gas.**
- **Never run your generator inside a garage, house or near open windows or doors.**



- **Do not connect to a building's electrical system unless an isolation switch has been installed by a qualified electrician.**
- **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 others 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.**



- **Gasoline is highly flammable and explosive.  
Turn the engine off and let it cool before refueling.**

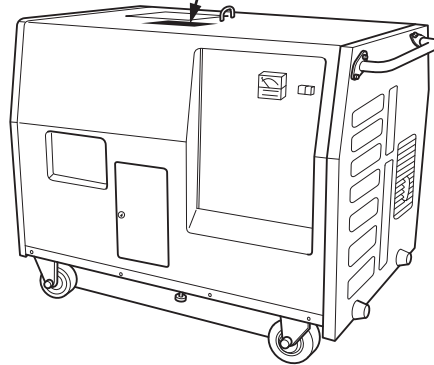
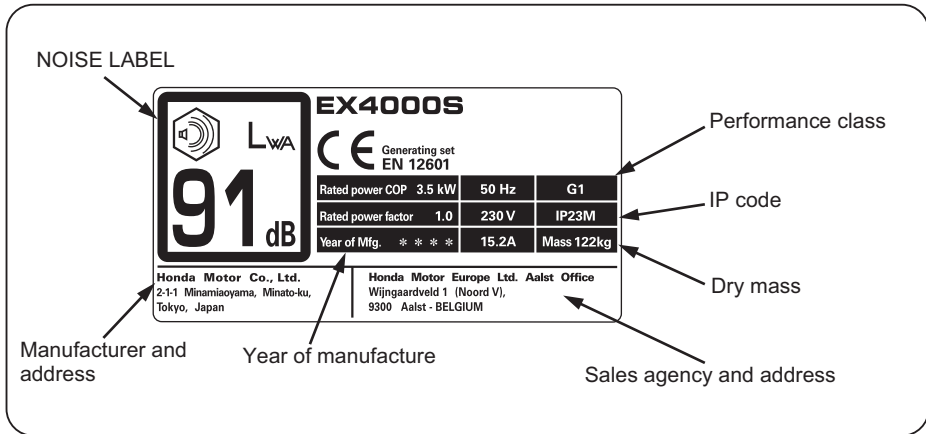


- **A hot exhaust system can cause serious burns.  
Avoid contact if the engine has been running.**

# CE mark and noise label locations

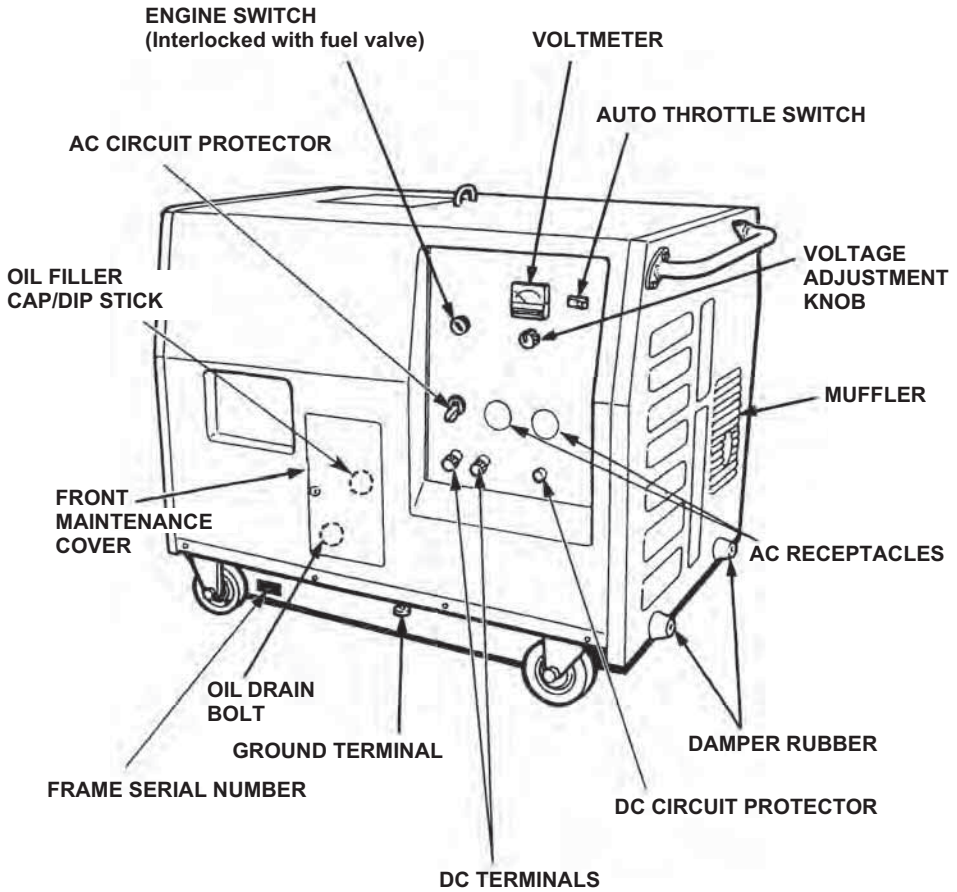
## EX4000S: B, F, G, GW, IT types

### CE MARK AND NOISE LABEL



### 3. COMPONENT IDENTIFICATION

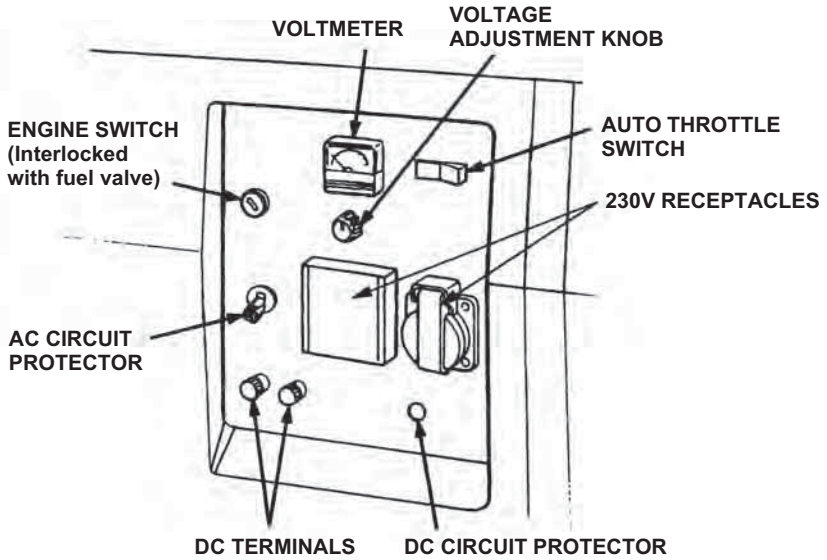
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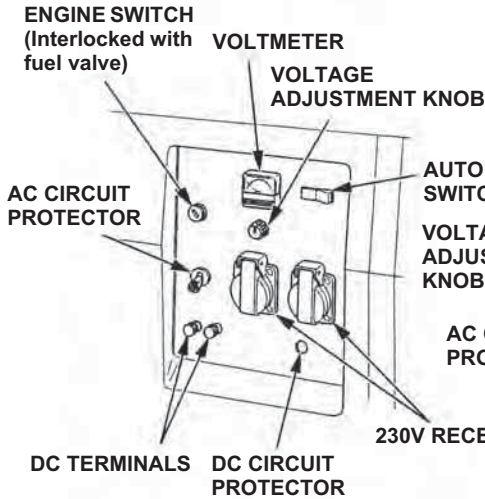
Record the frame serial number in the space below.  
You will need this serial number when ordering parts.

Frame serial number: \_\_\_\_\_

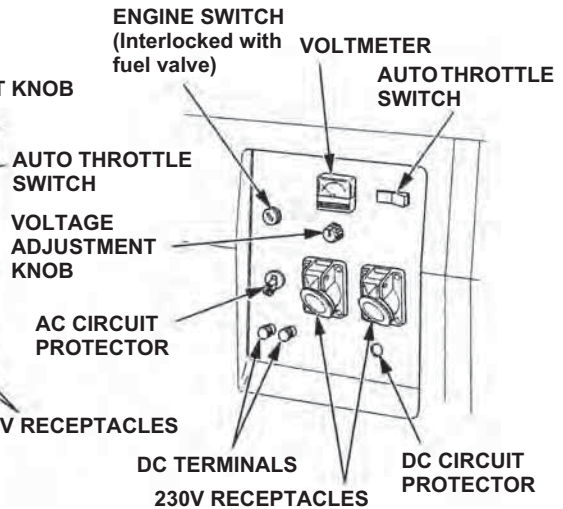
## F type



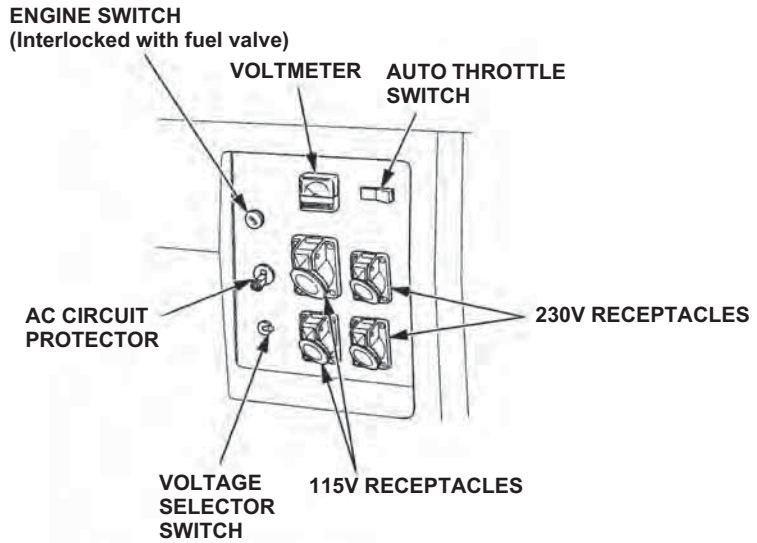
## G, GW type



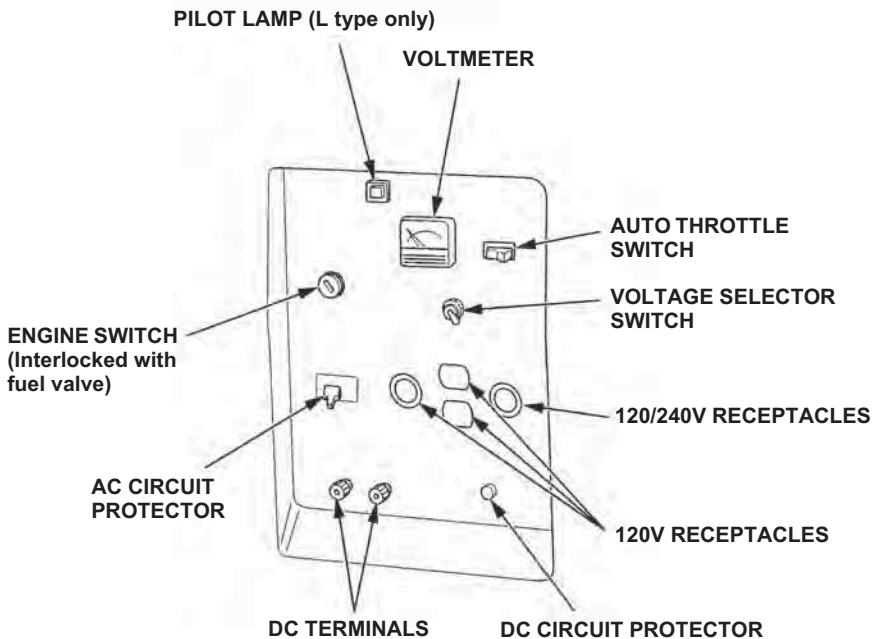
## IT type

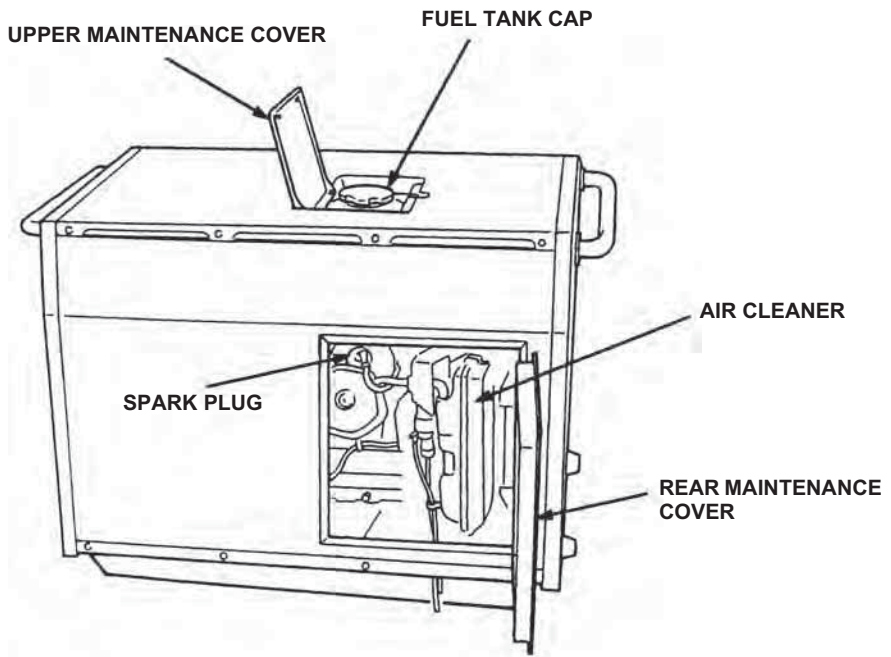


## B type



## L type







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## Auto throttle

### AUTO:

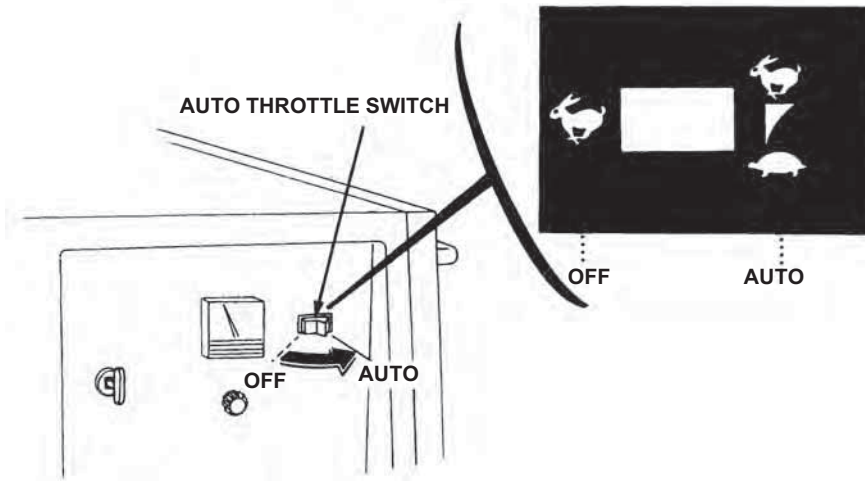
Engine speed is kept at idle automatically when the electrical appliance is disconnected and it returns to the rated speed when electrical appliance is connected.

### NOTE:

- This position is recommended to minimize the fuel consumption while in operation.
- Auto throttle system does not work when the electrical load is less than 1 A.
- Auto throttle system does not operate sufficiently if the electrical appliance requires the momentary electric power.
- Warming up the engine with this system on may require a longer period than usual.

### OFF:

Auto throttle system does not operate.



## 4. PRE-OPERATION CHECK

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**CAUTION:**

Be sure to check the generator on a level surface with the engine stopped.

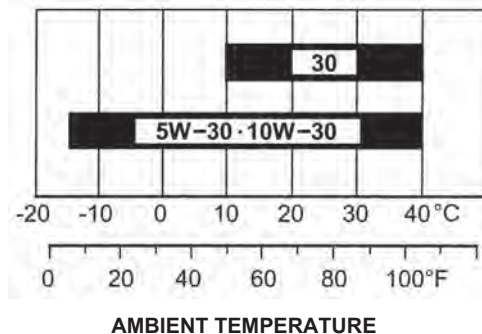
1. Check the engine oil level.

**CAUTION:**

Using non detergent oil or 2-stroke engine oil could shorten the engine's service life.

**Recommended oil**

Use 4-stroke motor oil that meets or exceeds the requirements for API service category SE or later (or equivalent). Always check the API service label on the oil container to be sure it includes the letters SE or later (or equivalent).



SAE 10W-30 is recommended for general use. Other viscosities shown in the chart may be used when the average temperature in your area is within the indicated range.

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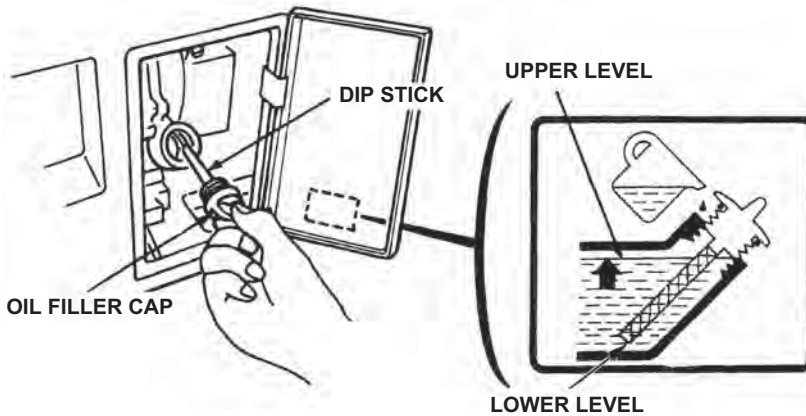
Open the front maintenance cover.

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 low, fill to the top of the oil filler neck with the recommended oil.

**CAUTION:**

**Running the engine with insufficient oil can cause serious engine damage.**



NOTE: The 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.

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2. Check the fuel level.

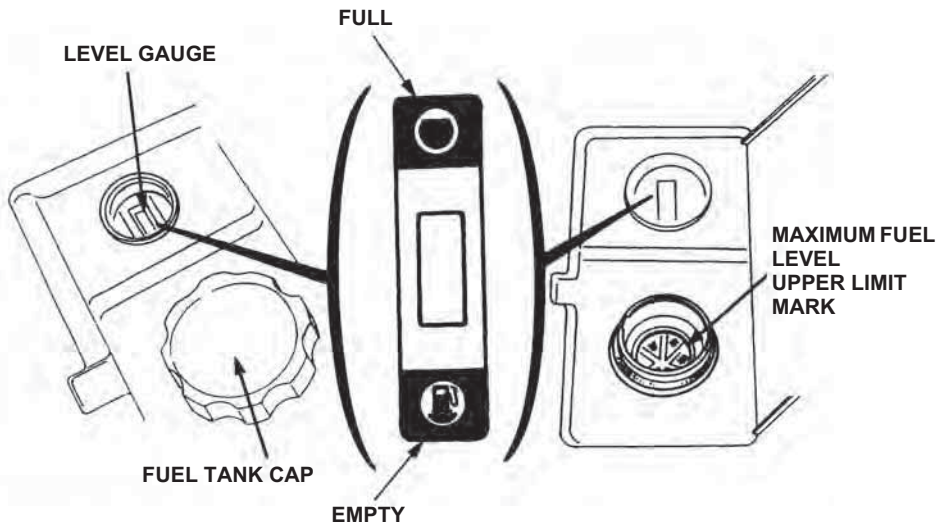
Check the fuel level. Refill the fuel tank if the fuel level is low. After refueling, tighten the fuel tank cap securely.

Use automotive unleaded gasoline with a Research Octane Number of 91 or higher (a Pump Octane Number of 86 or higher).

Never use stale or contaminated gasoline or an oil/gasoline mixture. Avoid getting dirt or water in the fuel tank.

**▲ 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 flames 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 tank 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.**



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**NOTE:**

Gasoline spoils very quickly depending on factors such as light exposure, temperature and time.

In worst cases, gasoline can be contaminated within 30 days.

Using contaminated gasoline can seriously damage the engine (carburetor clogged, valve stuck).

Such damage due to spoiled fuel is disallowed from coverage by the warranty.

To avoid this please strictly follow these recommendations:

- Only use specific gasoline (see page 18).
- Use fresh and clean gasoline.
- To slow deterioration, keep gasoline in a certified fuel container.
- If long storage (more than 30 days) is foreseen, drain fuel tank and carburetor.

**Gasoline containing alcohol**

If you decide to use a gasoline containing alcohol (gasohol), be sure its octane rating is at least as high as that recommended by Honda. 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 cosolvents 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. Honda 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, or one that you think contains alcohol, switch to a gasoline that you know does not contain alcohol.

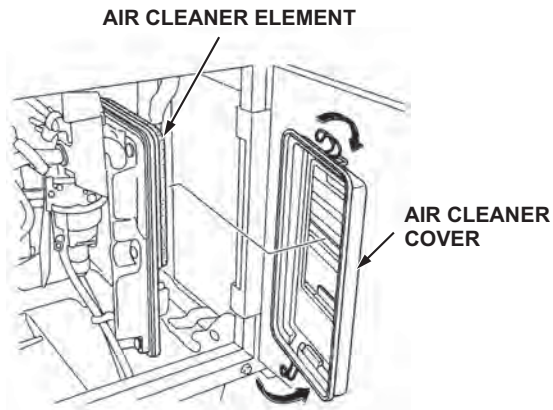
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3. Check the air cleaner.

Check the air cleaner element to be sure it is clean and in good condition. Open the rear maintenance cover. Unsnap the clips and remove the air cleaner cover. Check the element. Clean or replace the element if necessary (page 33).

**CAUTION:**

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



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4. Check the battery.

The electrolyte level must be maintained between the UPPER and LOWER level marks. If the electrolyte level is near the LOWER mark, add distilled water.

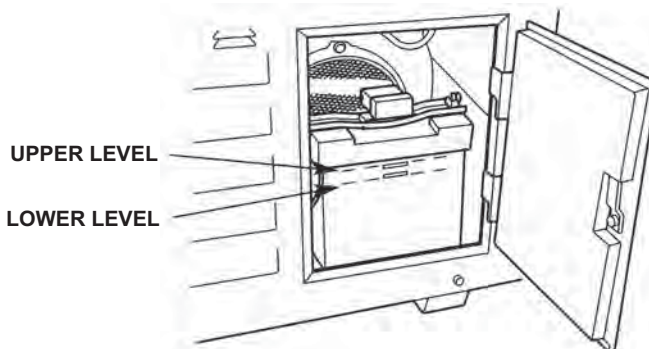
**⚠ WARNING**

- **Batteries produce explosive gases:** If ignited, an explosion can cause serious injury or blindness. Provide adequate ventilation when charging.
- **CHEMICAL HAZARD:** Battery electrolyte contains sulfuric acid. Contact with eyes or skin, even through clothing, may cause severe burns. Wear a face shield and protective clothing.
- **Keep flames and sparks away, and do not smoke in the area.**
- **ANTIDOTE:** If electrolyte gets into your eyes, flush thoroughly with warm water for at least 15 minutes and call a physician immediately. **POISON:** Electrolyte is poison.  
**ANTIDOTE:**
  - **External:** Flush thoroughly with water.
  - **Internal:** Drink large quantities of water or milk. Follow with milk of magnesia or vegetable oil, and call a physician immediately.
- **KEEP OUT OF REACH OF CHILDREN.**

**CAUTION:**

- **Use only distilled water in the battery.** Tap water will shorten the service life of the battery.
- **Filling the battery above the UPPER LEVEL line may cause the electrolyte to overflow, resulting in corrosion to engine or nearby parts. Immediately wash off any spilled electrolyte.**

Check the battery terminals to be sure the cables are tightened and free of corrosion. Remove any corrosion and coat the terminals and cable ends with grease.



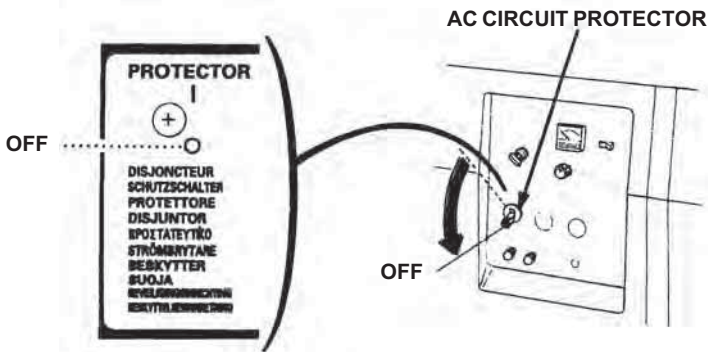
## 5. STARTING THE ENGINE

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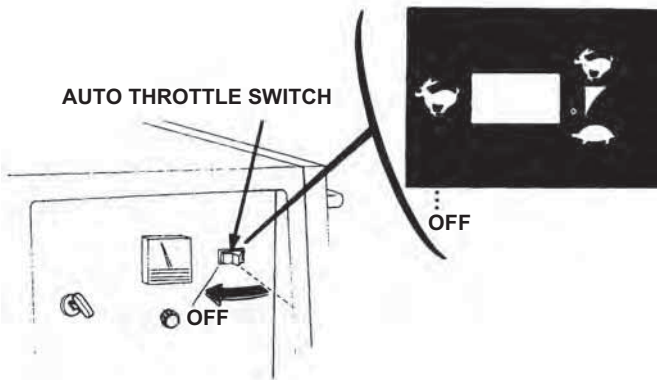
**CAUTION:** When starting the generator after adding fuel for the first time, after long-term storage, or after running out of fuel, turn the engine switch to the “ON” position, then wait for 10 to 20 seconds before starting the engine.

Before starting the engine disconnect any load from the AC receptacle and DC terminals.

1. Turn off the AC circuit protector.

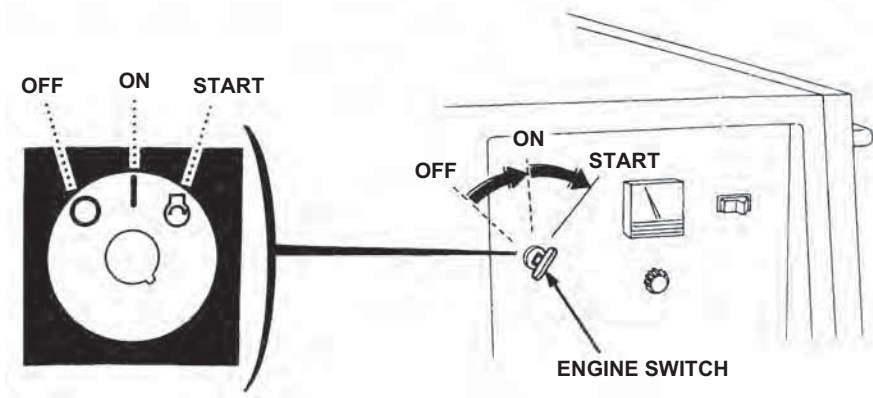


2. Make sure the auto-throttle switch is off, or more time will be required for warming up.





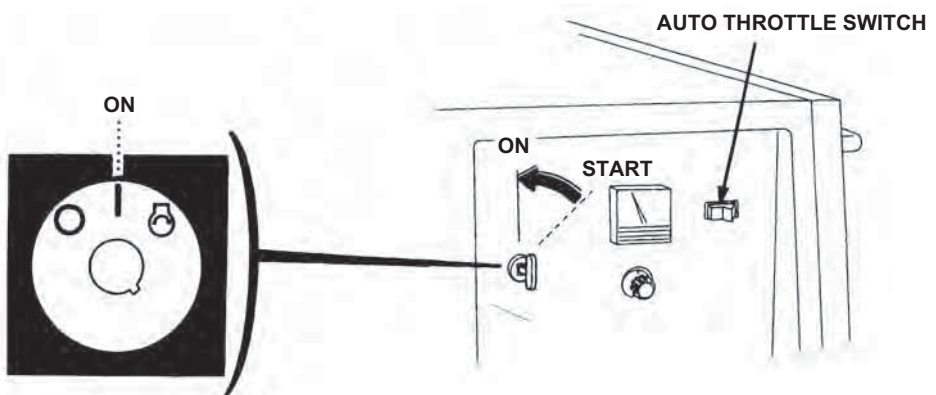
- 
3. Turn the engine switch to START and hold it there until the engine starts.



**CAUTION: Do not use the starter motor for more than 5 seconds. If the engine fails to start, release the key, and wait at least 10 seconds before operating the starter motor again.**

NOTE: When the speed of the starter motor drops after a period of time, it is an indication that the battery should be recharged.

4. After the engine starts, let the engine switch return to ON.
5. Turn the auto-throttle switch to AUTO after the engine is warmed up.



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- **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 specific modifications to the carburetor. If you always operate the generator at altitudes higher than 1,500 m (5,000 feet) above sea level, have your authorized Honda dealer perform these carburetor modifications.

Even with suitable carburetor jetting, engine horsepower will decrease approximately 3.5% for each 300-meter (1,000-foot) increase in altitude. The effect of altitude on the horse power 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.**

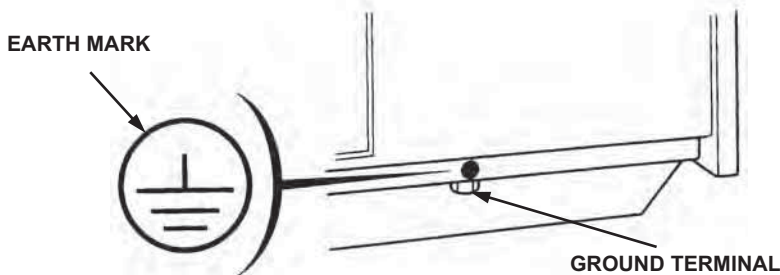
## 6. GENERATOR USE

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Be sure to ground the generator when the connected equipment is grounded.

### **⚠ WARNING**

- Do not connect to a building's electrical system unless an isolation switch has been installed by a qualified electrician.
- 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 others 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.



### **CAUTION:**

- Limit operation requiring maximum power (See page 51) to 30 minutes. For continuous operation, do not exceed the rated power (See page 51). In either case, the total wattage of all appliances connected must be considered.
- Most appliance motors require more than their rated wattage for start up.
- Use within the rated ampere.
- Do not exceed the current limit specified for any one receptacle.
- Do not connect the generator to a household circuit. This could cause damage to the generator or to electrical appliances in the house.

---

**CAUTION:**

- 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 an extension cable is required, be sure to use a tough rubber sheathed flexible cable (IEC 245 or equivalent).
- Limit length of extension cables; 60 m for cables of 1.5 mm<sup>2</sup> and 100 m for cables of 2.5 mm<sup>2</sup>. Long extension cables will lower usable power due to resistance in the extension cable.
- Keep the generator away from other electric cables or wires such as commercial power supply lines.

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## AC applications

1. Start the engine and make sure the pilot lamp (L type only) comes on.
2. Choose the proper voltage by changing the voltage selector switch (B and L types only).
3. Switch on the AC circuit protector.

### NOTE:

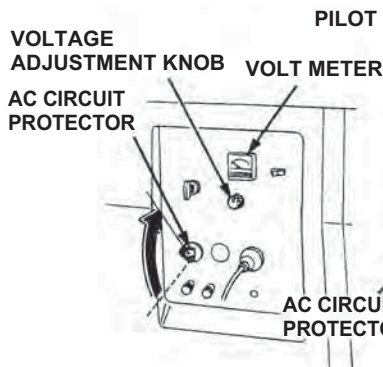
- Although voltage adjustment is usually not required, fine adjustments may be made by turning the voltage adjustment knob. Use the generator at the specified voltage (Except B and L types).
- This generator cannot supply 115 V and 230 V (B type), 120 V and 240 V (L type) at the same time.

4. Plug in the appliance.

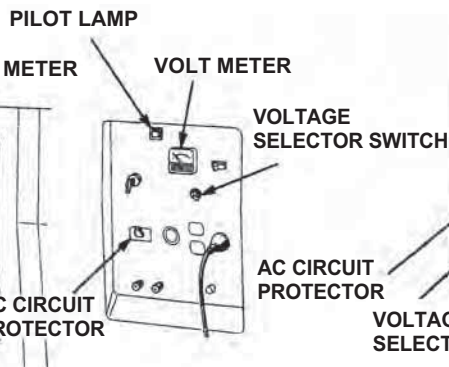
**CAUTION: Be sure that appliances do not exceed the generator's rated load capacity for more than 30 minutes and that they never exceed the maximum load capacity. Substantial overloading will switch off the circuit protector. Marginal overloading may not switch off the circuit protector, but it will 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 circuit protector and the generator engine switch immediately. Then disconnect the appliance and examine it for signs of malfunction.**

NOTE: If an overloaded circuit causes the AC circuit protector to switch off, reduce the electrical load on the circuit and wait a few minutes before resetting the circuit protector.

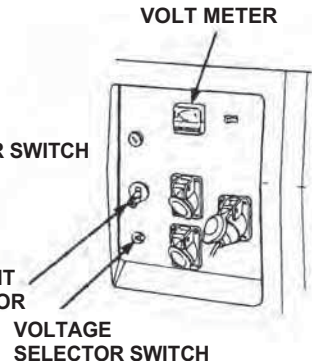
## F, G, GW, IT types



## L type



## B type





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**⚠ WARNING**

- **Batteries produce explosive gases:** If ignited, and explosion can cause serious injury or blindness. Provide adequate ventilation when charging.
- **CHEMICAL HAZARD:** Battery electrolyte contains sulfuric acid. Contact with eyes or skin, even through clothing, may cause severe burns. Wear a face shield and protective clothing.
- **Keep flames and sparks away, and do not smoke in the area.**
- **ANTIDOTE:** If electrolyte gets into your eyes, flush thoroughly with warm water for at least 15 minutes and call a physician immediately.
- **POISON:** Electrolyte is poison.  
**ANTIDOTE:**
  - **External:** Flush thoroughly with water.
  - **Internal:** Drink large quantities of water or milk.  
Follow with milk of magnesia or vegetable oil, and call a physician immediately.
- **KEEP OUT OF REACH OF CHILDREN.**

2. Start the engine.

**NOTE:**

- The DC terminals may be used while the AC power is in use.
- An overload DC circuit will trip the DC circuit protector (push button comes out). If this happens, wait a few minutes before pushing in the circuit protector to resume operation.

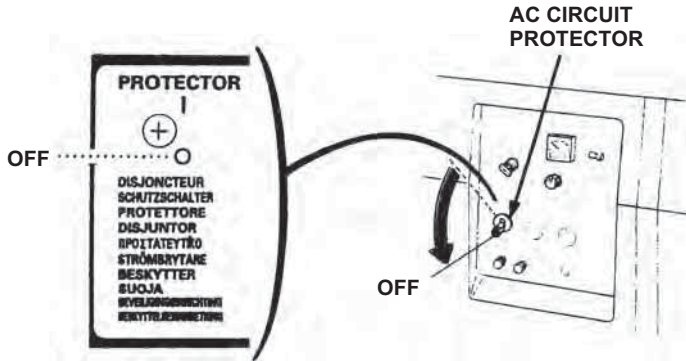
# 7. STOPPING THE ENGINE

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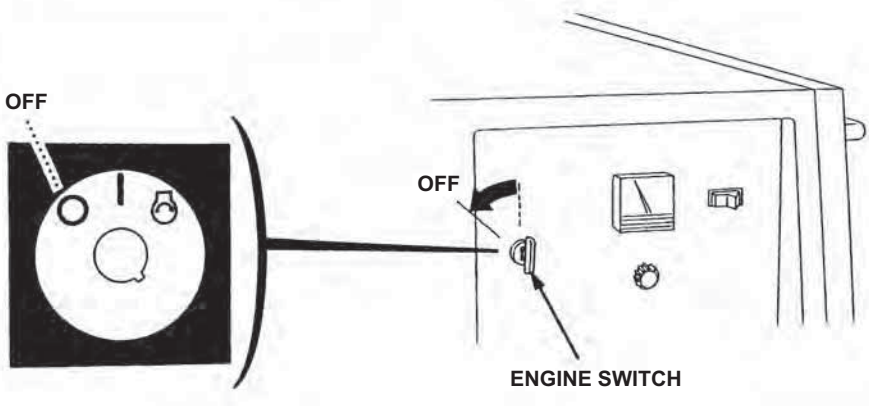
To stop the engine in an emergency, turn the engine switch OFF.

## IN NORMAL USE:

1. Turn off the AC circuit protector.



2. Turn off the engine switch.





## 8. MAINTENANCE

The purpose of the maintenance and adjustment schedule is to keep the generator in the best operating condition. Inspect or service as scheduled in the table below.

### **⚠ WARNING**

**Make sure the engine is off before you begin any maintenance or repairs. This will eliminate several potential hazards:**

- **Carbon monoxide poisoning from engine exhaust. Be sure there is adequate ventilation whenever you operate the engine.**
- **Burns from hot parts. Let the engine and exhaust system cool before touching.**
- **Injury from moving parts. Do not run the engine unless instructed to do so. 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 maintenance.**

**CAUTION: Use genuine Honda parts or their equivalent. The use of replacement parts which are not of equivalent quality may damage the generator.**

### Maintenance Schedule

Item	REGULAR SERVICE PERIOD (3) Perform at every indicated month or operating hour interval, whichever comes 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 level	○				
	Change		○		○	
Air cleaner	Check	○				
	Clean			○(1)		
Battery electrolyte	Check level	○				
Sediment cup	Clean				○	
Spark plug	Check-adjust				○	
	Replace					○
Spark arrester (equipped type only)	Clean				○	
Valve clearance	Check-adjust					○(2)
Combustion chamber	Clean	After every 500 hrs. (2)				
Fuel tank & filter	Clean				○(2)	
Fuel tube	Check	Every 2 years (Replace if necessary)(2)				

NOTE: (1) Service more frequently when used in dusty areas.

(2) These items should be serviced by your servicing dealer, unless you have the proper tools and are mechanically proficient. Refer to Honda shop manual for service procedures.

(3) For commercial use, log hours of operation to determine proper maintenance intervals.

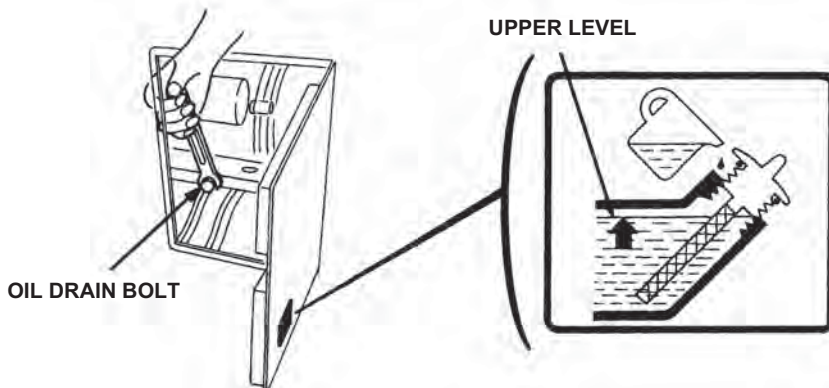
---

## Changing oil

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

1. Open the front maintenance cover.
2. Remove the oil drain bolt and oil filler cap, and drain the oil. Retighten the bolt securely.
3. Refill with the recommended oil (see page 16) and check the level.
4. Reinstall the oil filler cap securely.
5. Close and latch the front maintenance cover.

**OIL CAPACITY: 1.1 L (1.18 US qt, 0.87 Imp qt)**



Wash your hands with soap and water after handling used oil.

NOTE: Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local service station for reclamation. Do not throw it in the trash or pour it on the ground.

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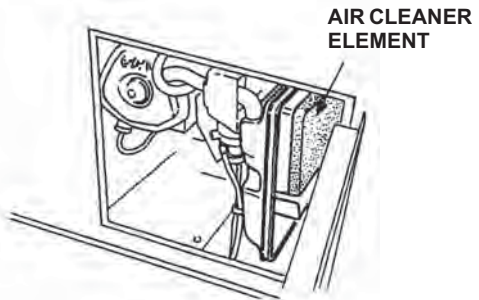
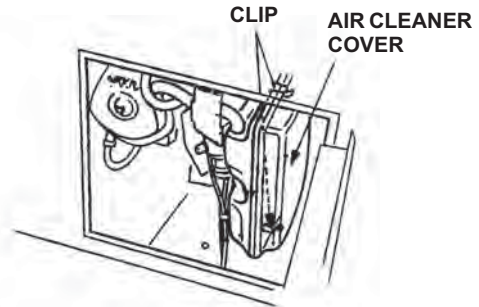
## Air cleaner service

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.

**CAUTION:** Never run the generator without the air cleaner. Rapid engine wear will result.

1. Open the rear maintenance cover.
2. Unsnap the clips, remove the air cleaner cover and air cleaner element.
3. Wash the element in a non flammable or high flash point solvent and dry it thoroughly.
4. Soak the element in clean engine oil and squeeze out the excess oil.
5. Reinstall the air cleaner element, the cover and snap the clip.
6. Close and latch the rear maintenance cover.



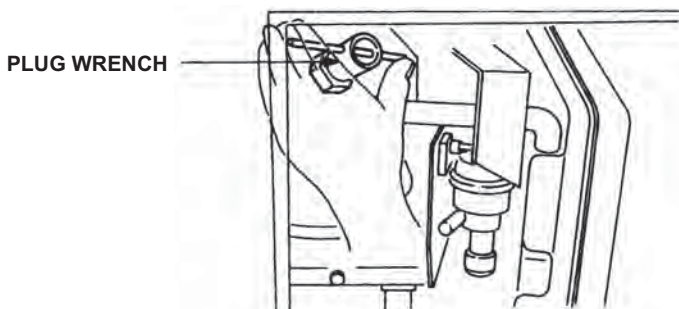
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## Spark plug service

**Recommended spark plug: BPR5ES (NGK)  
W16EPR-U (DENSO)**

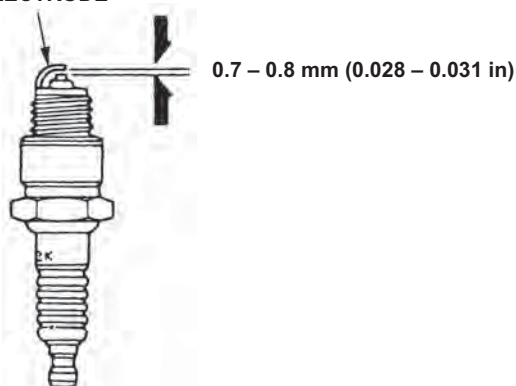
To ensure proper engine operation, the spark plug must be properly gapped and free of deposits.

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



5. Visually inspect the spark plug. Discard the spark plug if there is apparent wear, or 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 0.7 – 0.8 mm (0.028 – 0.031 in). Correct as necessary by carefully bending the side electrode.

**SIDE ELECTRODE**



- 
7. Attach the plug washer and thread the plug in by hand to prevent 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. Close and latch the rear maintenance cover.

**CAUTION:**

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

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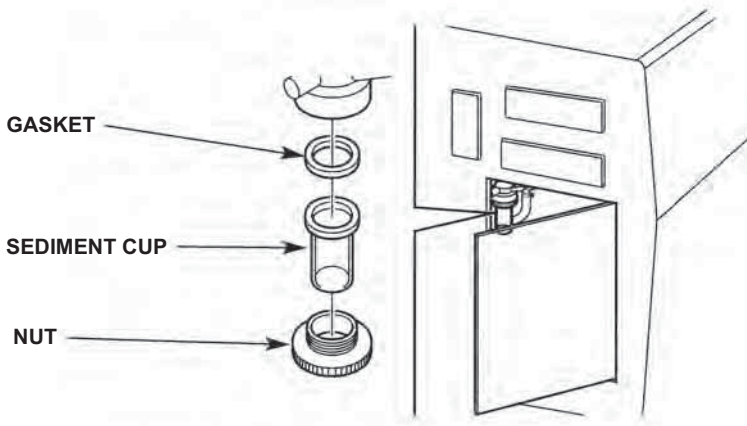
## Sediment cup

**⚠ WARNING** Gasoline is extremely flammable and explosive under certain conditions. Do not smoke or allow flames or sparks in the area.

The sediment cup prevents dirt or water which may be in the fuel tank from entering the carburetor. If the engine has not been run for a long time, the sediment cup should be cleaned.

1. Make sure that the engine switch is in the OFF position.
2. Open the left maintenance cover.
3. Loosen the nut and remove the nut, sediment cup and gasket.
4. Clean the sediment cup in non-flammable solvent thoroughly.
5. Reinstall the gasket, sediment cup and nut, then tighten the nut securely.
6. Close and latch the left side maintenance cover.

**⚠ WARNING** After installing the sediment cup, check for fuel leaks and make sure the area is dry before starting the engine.



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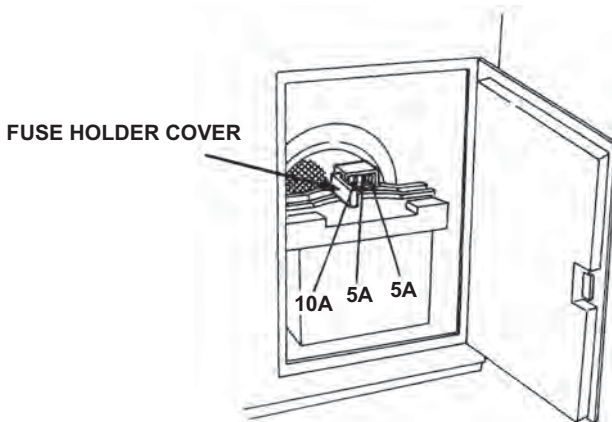
## Fuse replacement

If the fuse is blown, the engine will not start until it is replaced.

1. Turn the engine switch OFF.
2. Open the left side maintenance cover, and open the fuse holder cover and replace the fuse. The specified fuses are two 5A and 10A.

### CAUTION:

- If frequent fuse failure occurs, determine the cause and correct the problem before attempting to operate the generator further.
- Never use a fuse with a different rating from that specified. Serious damage to the electrical system or fire may result.

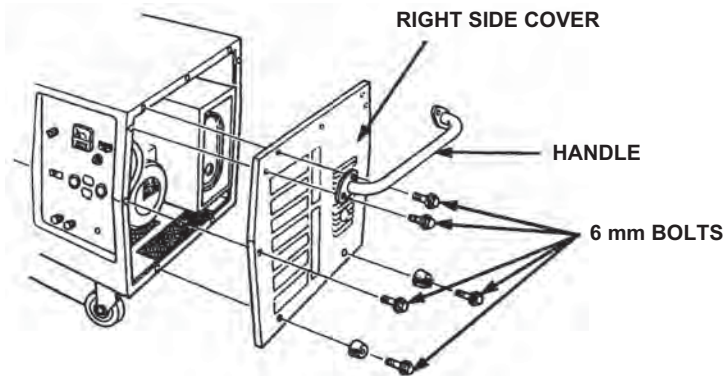


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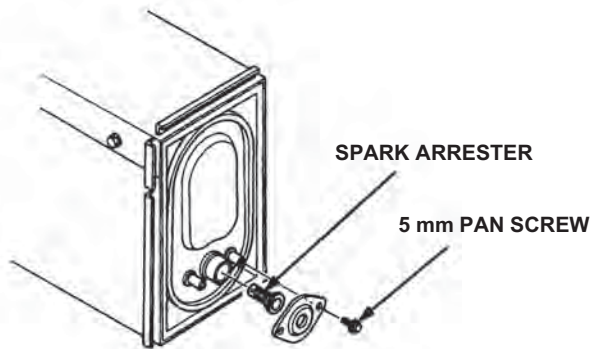
## Spark arrester maintenance (Equipped Type only)

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

1. Remove the nine 6 mm bolts, the handle and right side cover.



2. Remove the two 5 mm pan screws, and 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, right side cover and handle.

---

## Battery removal/installation

### **⚠ WARNING**

- **Batteries produce explosive gases:** If ignited, and explosion can cause serious injury or blindness. Provide adequate ventilation when charging.
- **CHEMICAL HAZARD:** Battery electrolyte contains sulfuric acid. Contact with eyes or skin, even through clothing, may cause severe burns. Wear a face shield and protective clothing. Keep flames and sparks away, and do not smoke in the area.
- **ANTIDOTE:** If electrolyte gets into your eyes, flush thoroughly with warm water for at least 15 minutes and call a physician immediately.
- **POISON:** Electrolyte is poison.

#### **ANTIDOTE**

— External: Flush thoroughly with water.

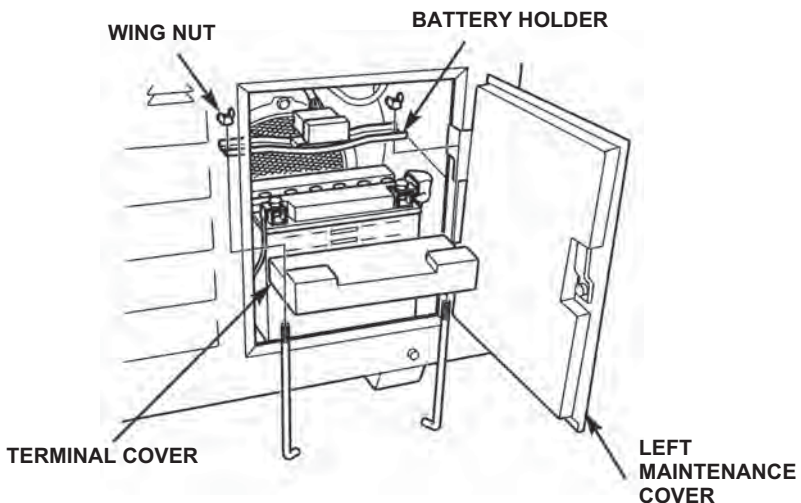
— Internal: Drink large quantities of water or milk.

Follow with milk of magnesia or vegetable oil, and call a physician immediately.

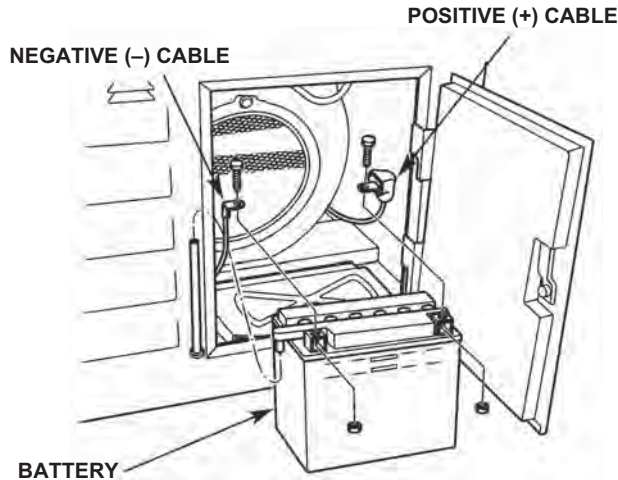
- **KEEP OUT OF REACH OF CHILDREN.**

#### **Removal:**

1. Make sure that the engine switch is turned OFF.
2. Open the left maintenance cover.
3. Loosen the wing nuts and remove the battery holder and terminal cover.



- 
4. Remove the negative (-) cable from the battery negative (-) terminal, and then remove the positive (+) cable from the battery positive (+) terminal.
  5. Remove the battery.



### **Installation:**

1. Make sure that the engine switch is turned OFF.
2. Install the battery. Connect the battery positive (+) cable to the battery positive (+) terminal, then the battery negative (-) cable to the battery negative (-) terminal. Tighten the bolts and nuts securely.
3. Install the terminal cover and battery set plate, then tighten the wing nuts.
4. Close and latch the left maintenance cover.

### **CAUTION:**

**When disconnecting the battery cable, be sure to disconnect at the battery negative (-) terminal first. To connect, connect at the positive (+) terminal first, then at the negative (-) terminal. Never dis/connect the battery cable in the reverse order, or it causes a short circuit when a tool contacts the terminals.**

---

### Charging:

The battery is rated at 18 Ah (ampere hours). Charging current should equal 10% of the battery's ampere hour rating.

#### **⚠ WARNING**

**The battery gives off explosive gasses; keep sparks, flames and cigarettes away from the battery while charging. Provide adequate ventilation when charging.**

- **The battery contains sulfuric acid (electrolyte). Contact with skin or eyes may cause severe burns. Wear protective clothing and a face shield.**
    - **If electrolyte gets on your skin, flush with water.**
    - **If electrolyte gets in your eyes, flush with water for at least 15 minutes and call a physician immediately.**
  - **Electrolyte is poisonous.**
    - **If swallowed, drink large quantities of water or milk and follow with milk of magnesia or vegetable oil and call a physician.**
1. Connect the battery charger following the manufacturer's instructions.
  2. Charge the battery.
  3. Clean the outside of the battery and the battery tray compartment with a solution of baking soda and water.



This symbol on the battery means that this product must not be treated as household waste.

#### NOTE:

An improperly disposed of battery can be harmful to the environment and human health.

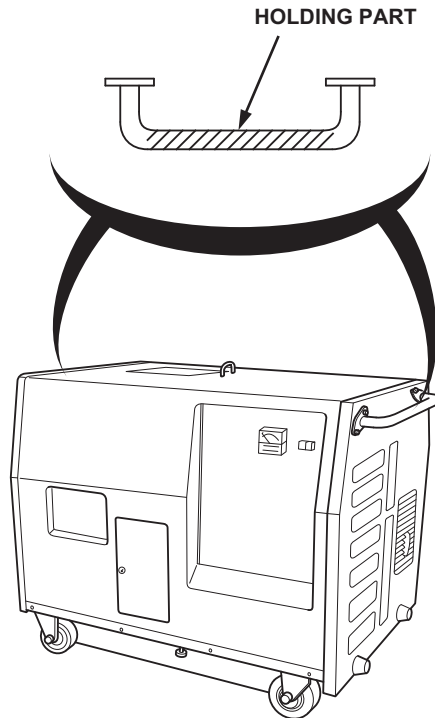
Always confirm local regulations for battery disposal.

## 9. TRANSPORTING/STORAGE

**⚠ WARNING** When transporting the generator, turn the engine switch **OFF** and keep the generator level to prevent fuel spillage. Fuel vapor or spilled fuel may ignite.

NOTE:

To transport the generator, hold the holding part (shaded areas in the figure below).

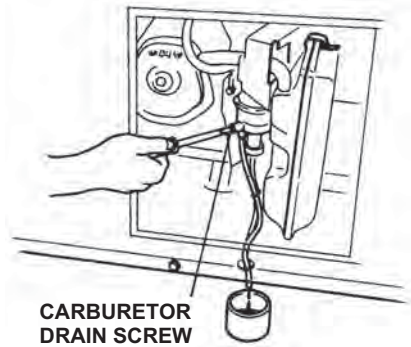


---

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-
  - a. Open the rear maintenance cover.
  - b. Turn the engine switch to ON and then loosen the carburetor drain screw. Drain the gasoline from the carburetor and fuel tank into a suitable container.

**⚠ WARNING** Gasoline is extremely flammable and is explosive under certain conditions. Perform this task in a well ventilated area with the engine stopped. Do not smoke or allow flames or sparks in the area during this procedure.



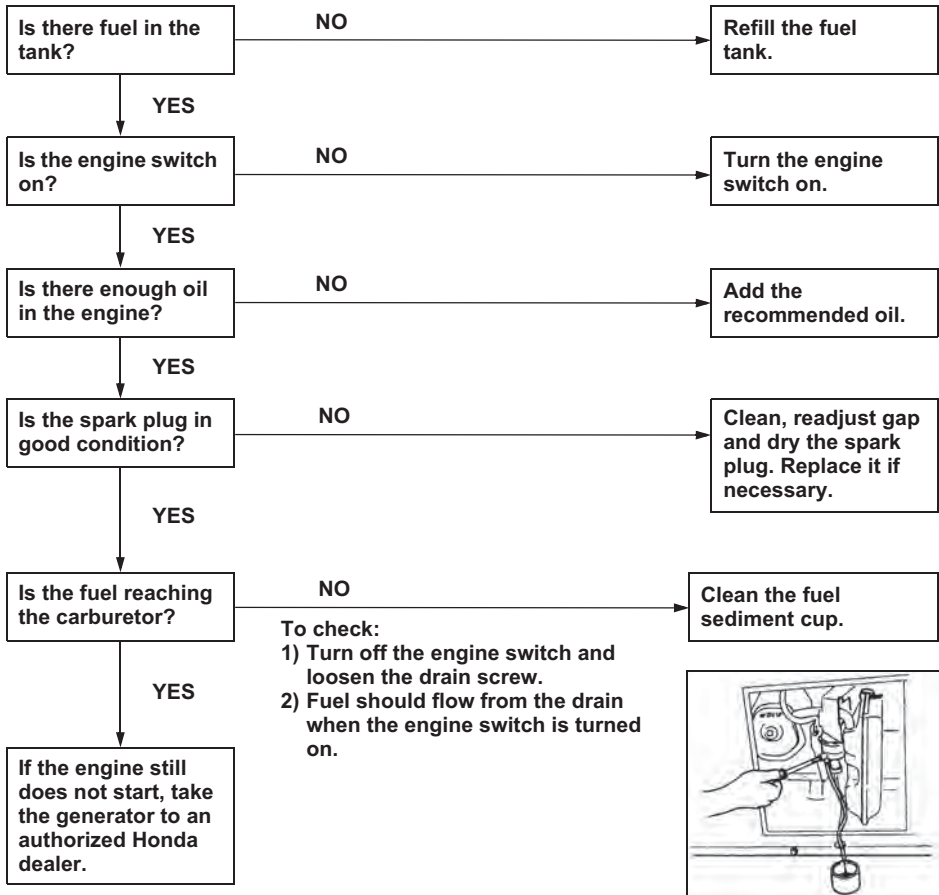
- c. Tighten the carburetor drain screw, turn the engine switch to OFF and close the rear maintenance cover.

3. Once a month, recharge the battery.

**CAUTION:** When starting the generator after adding fuel for the first time, after long-term storage, or after running out of fuel, turn the engine switch to the “ON” position, then wait for 10 to 20 seconds before starting the engine.

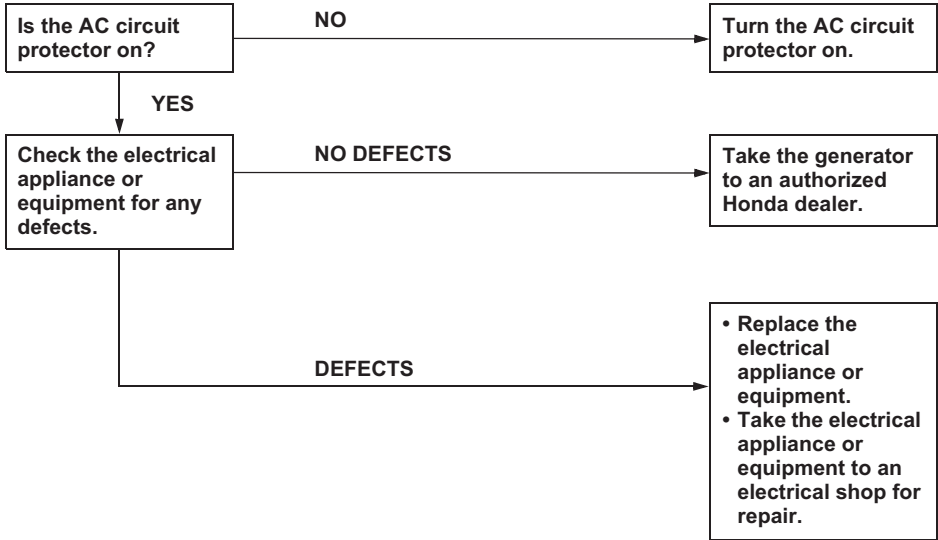
# 10. TROUBLESHOOTING

When the engine will not start:



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No electricity at the AC receptacles:





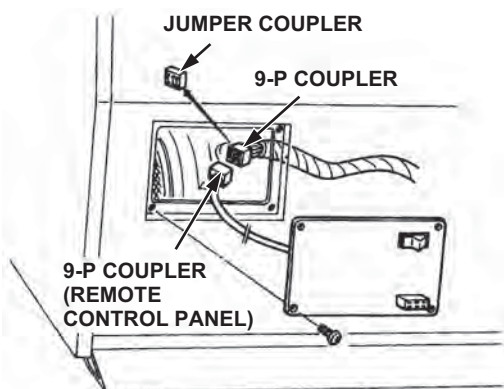
## 11. OPTIONAL PARTS

### Remote Control Kit

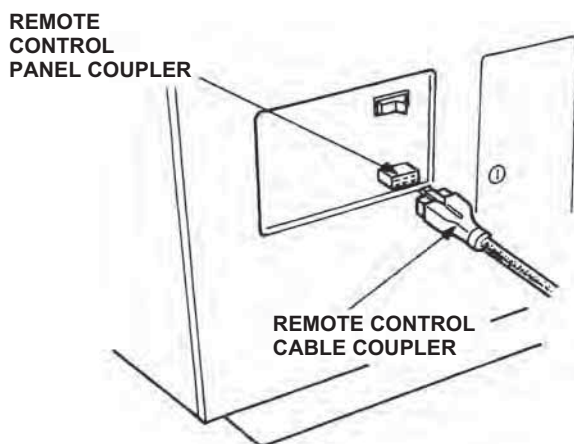
The remote control kit is available as optional part to control the generator remotely.

#### (Installation)

1. Remove the shield cover on the front cover.
2. Disconnect the jumper coupler from the 9-P coupler.
3. Connect the 9-P coupler of the remote control panel to the 9-P coupler disconnected in step 2.
4. Install the remote control panel with four screws.

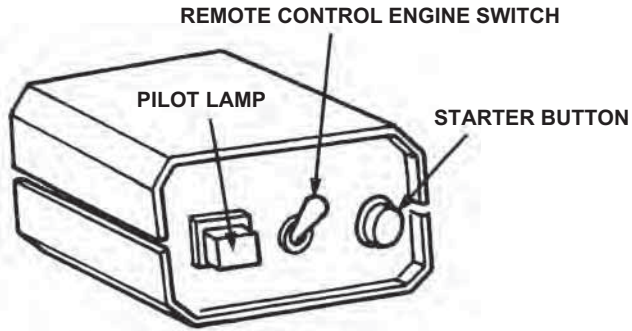


5. Connect the remote control cable coupler to the remote control panel coupler.



---

## Remote Control Box



### Pilot lamp

The lamp must be on while the engine is rotating.

### Remote control engine switch

ON: Flip the knob up to this position to start the engine.

OFF: Flip the knob down to this position to stop the engine.

### Starter button

To start the engine, press this button in with the engine switch in the ON position.

### NOTE:

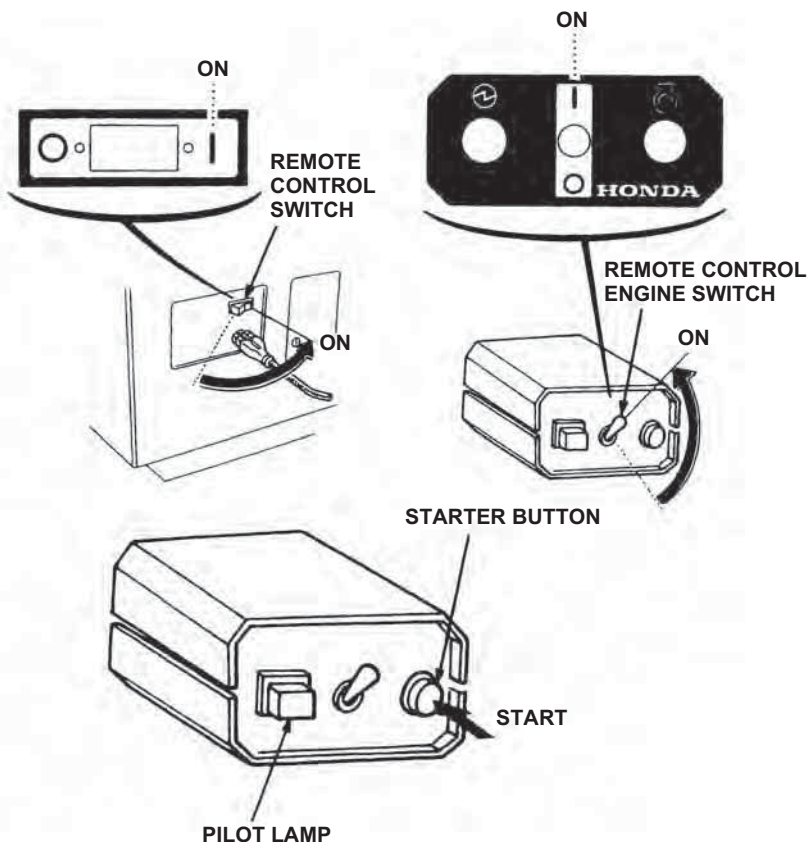
Turn the remote control switch OFF to start and stop the engine with the controls on the generator.

---

## STARTING WITH REMOTE CONTROL

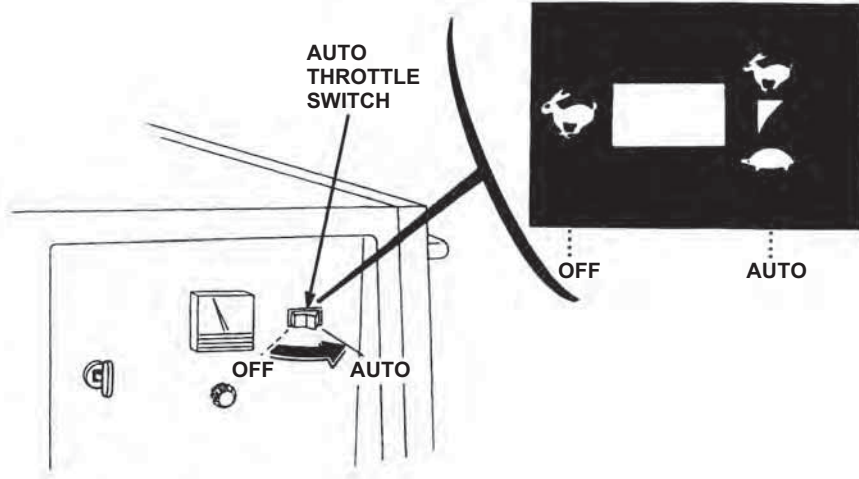
1. Make sure the engine switch is OFF.
2. Turn the auto throttle switch to OFF.
3. Turn off the AC circuit protector.
4. Remove the engine switch key from the generator.
5. Turn the remote control switch to ON.
6. Flip the remote control engine switch knob up to ON.
7. Depress the starter button until the pilot lamp is on.

**CAUTION:** When a remote controller is installed, be sure to set the remote control switch in the OFF position before starting the machine locally.



**CAUTION:** Do not use the starter motor for more than 5 seconds. If the engine fails to start, release the button, and wait at least 10 seconds before operating the starter motor again.

- 
8. After the engine starts, turn the auto-throttle switch to AUTO after the engine is warmed up.



### **STOPPING THE ENGINE WITH REMOTE CONTROL**

1. Turn the AC circuit protector to the OFF position.
2. Turn the remote control engine switch to the OFF position.
3. Turn the remote control switch to the OFF position.

## 12. SPECIFICATIONS

### Dimensions

Model	EX4000S • EX4500S
Description code	EB3
Length × Width × Height	910 × 530 × 695 mm (35.8 × 20.9 × 27.4 in)
Dry mass [weight]	122 kg (269 lb)

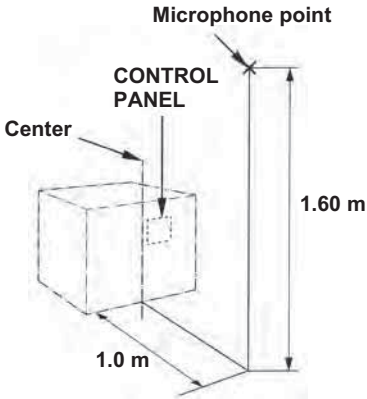
### Engine

Model	Honda GX340K1
Engine Type	4-stroke, O.H.V., 1 cylinder
Displacement	337 cm <sup>3</sup> (20.6 cu-in)
Bore × Stroke	82.0 × 64.0 mm (32.3 × 1.34 in)
Cooling system	Forced air cooling
Ignition system	Transistor magneto ignition
Oil capacity	1.1 L (1.16 US qt, 0.97 Imp qt)
Fuel tank capacity	16.4 L (4.33 US gal, 3.61 Imp gal)
Spark plug	BPR5ES (NGK), W16EPR-U (DENSO)
Battery	12 V 18 Ah/10Hr

### Generator

Model		EX4000S		EX4500S
Type		G, GW, F, IT	B	L
AC output	Rated voltage	230 V	115/230 V	120/240 V
	Rated frequency	50 Hz	50 Hz	60 Hz
	Rated current	15.2 A	30.4/15.2 A	33.3/16.7 A
	Rated output	3.5 kVA	3.5 kVA	4.0 kVA
	Maximum output	4.0 kVA	4.0 kVA	4.5 kVA
DC output		12 V, 8.3 A (Except B type) (Only for charging 12 V automotive batteries)		

## Noise

Model	EX4000S	EX4500S
Type	G, GW, B, F, IT	L
Sound pressure level at the workstation (2006/42/EC)	72 dB (A)	—
 <p>The diagram illustrates the measurement setup for sound pressure level at the workstation. It shows a control panel with a microphone point positioned at a height of 1.60 m and a distance of 1.0 m from the center of the panel.</p>		
Uncertainty	2 dB (A)	—
Measured sound power level (2000/14/EC, 2005/88/EC)	89 dB (A)	—
Uncertainty	2 dB (A)	—
Guaranteed sound power level (2000/14/EC, 2005/88/EC)	91 dB (A)	—

“the figures quoted are emission levels and are not necessarily safe working levels. Whilst there is a correlation between the emission and exposure levels, this cannot be used reliably to determine whether or not further precautions are required. Factors that influence the actual level of exposure of work-force include the characteristics of the work room, the other sources of noise, etc. i.e. the number of machines and other adjacent processes, and the length of time for which an operator is exposed to the noise. Also the permissible exposure level can vary from country. This information, however, will enable the user of the machine to make a better evaluation of the hazard and risk”.

### NOTE:

Specifications are subject to change without notice.

# 13. WIRING DIAGRAM

## INDEX

(See inside of back cover)

L Type.....	W-1
B Type .....	W-2
F, G, GW, IT Types .....	W-3

## ABBREVIATIONS







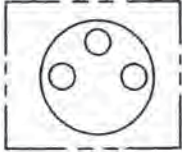
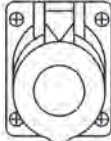

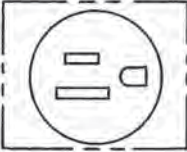

Symbol	Part name
AC CP	AC Circuit Protector
ACOR	AC Output Receptacle
AC, NF	AC Noise Filter
ATS	Auto Throttle Solenoid
ATSw	Auto Throttle Switch
ATU	Auto Throttle Unit
AVR	Automatic Voltage Regulator
BAT	Battery
CBxB	Control Box block
ChC	Charge Coil
CS	Choke solenoid
D	Diode
DC, D	DC Diode
DC, NF	DC Noise Filter
DC, P	DC Protector
DC, T	DC Terminal
DC, W	DC Winding
EgB	Engine Block
ESw	Engine Switch
ExW	Exciter Winding
FrB	Frame Block
FCS	Fuel Cut Solenoid
Fu	Fuse
FV	Fuel Valve
FW	Field Winding
GeB	Generator Block
GT	Ground Terminal
IgC	Ignition Coil
MW	Main Winding
OLSw	Oil Level Switch
OP	Optional Parts
PL	Pilot Lamp
RCBx	Remote Control Box
RCSw	Remote Control Switch
SCUA	Solenoid Control Unit Assembly

Symbol	Part name
SM	Starter Motor
SP	Spark Plug
TS	Thermo Switch
TU	Timer Unit
VAK	Voltage Adjusting Knob
VM	Volt Meter
VSSw	Voltage Selector Switch

## WIRE COLOR CODE

Bl	BLACK
Y	YELLOW
Bu	BLUE
G	GREEN
R	RED
W	WHITE
Br	BROWN
Lg	LIGHT GREEN
Gr	GRAY
Lg	LIGHT BLUE
O	ORANGE
P	PINK

## RECEPTACLE

Shape		Type
 	G,GW	
 	B	
  	F	
 	IT	
 	L	

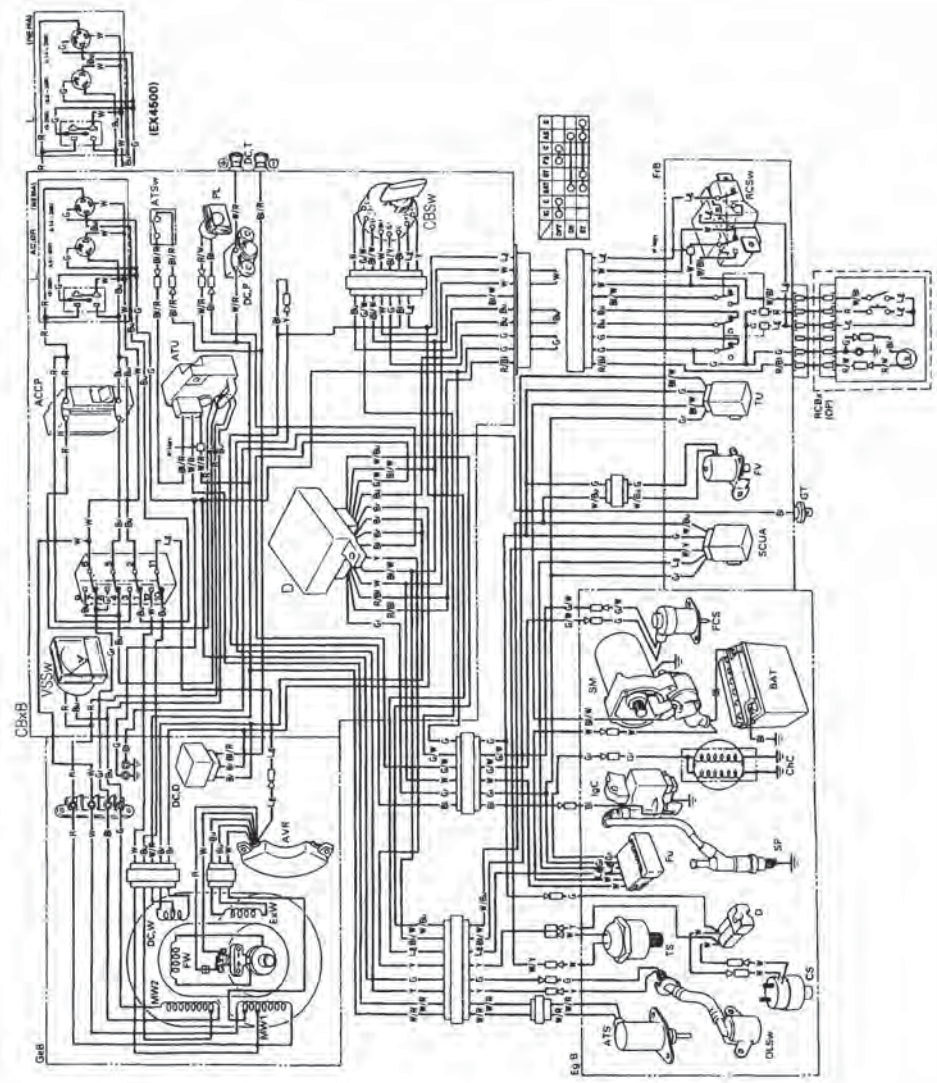


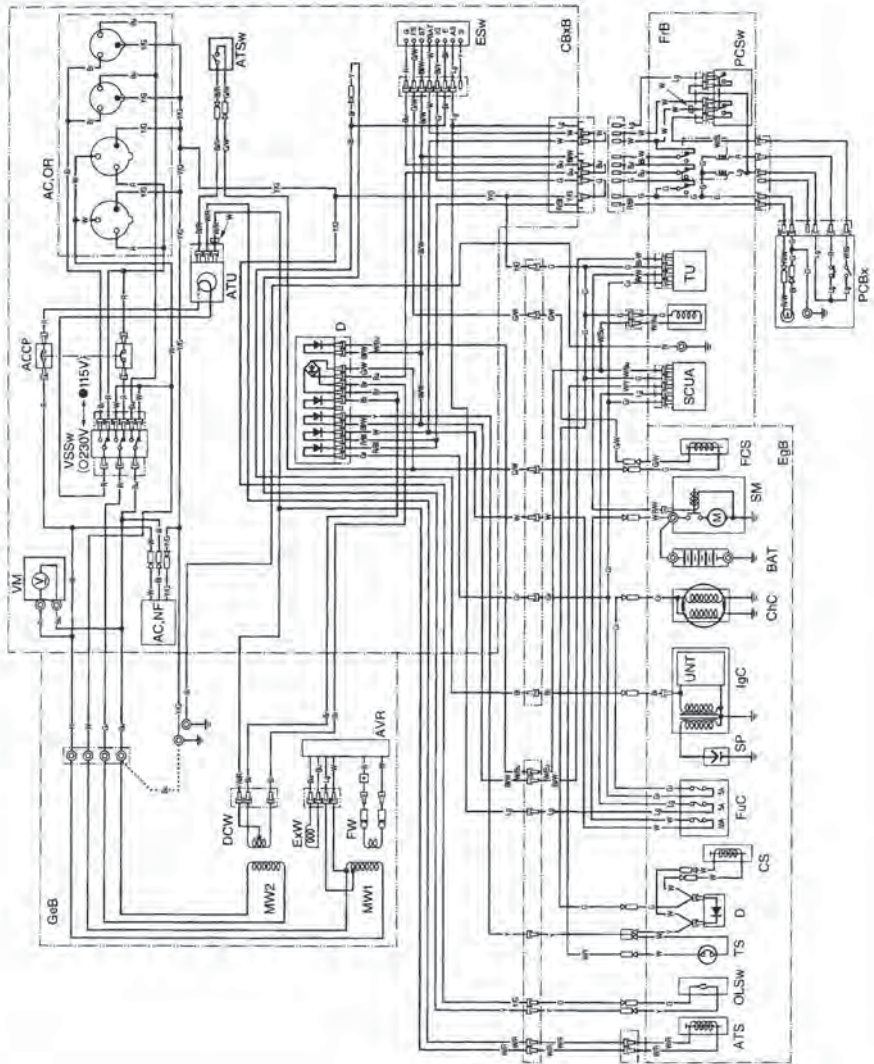
**WIRING DIAGRAM**

**SCHÉMA DE CABLAGE**

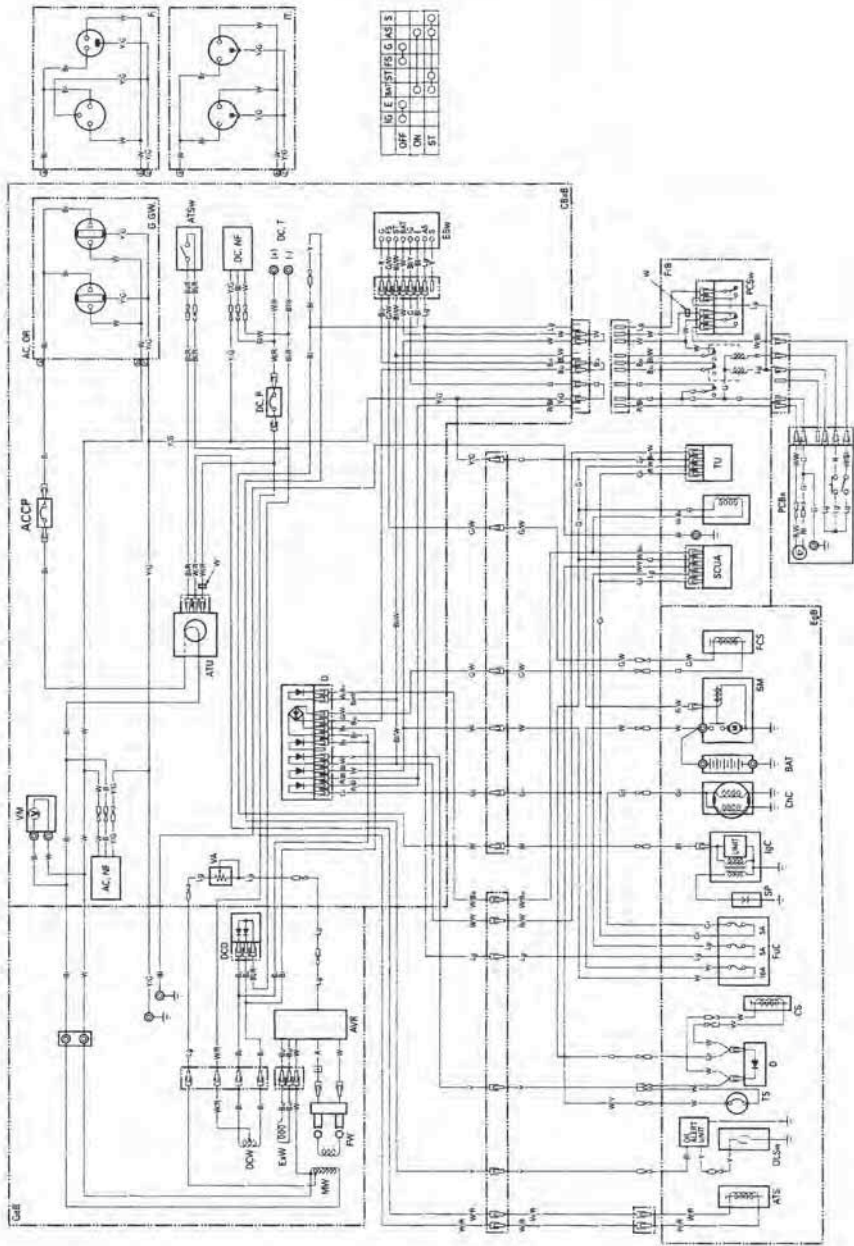
**SCHALTPLAN**

**DIAGRAMA DE CONEXIONES**





IG	E	M	BT	S	G	A	S
GFF	CHO	C	CHO				
GN							
ST							



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Fax : +43 (0)2236 690 480  
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Fax : +359 2 93 30 814  
<http://www.kirov.net>  
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Fax : +385 1 2020754  
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Fax : +45 36 77 16 30  
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Fax : +30 210 346 7329  
<http://www.honda.gr>  
✉ [info@saracakis.gr](mailto:info@saracakis.gr)

## HUNGARY

**Motor Pedo Co., Ltd.**  
Kamaraerdei ut 3.  
2040 Budaors  
Tel. : +36 23 444 971  
Fax : +36 23 444 972  
<http://www.hondakisgepek.hu>  
✉ [info@hondakisgepek.hu](mailto:info@hondakisgepek.hu)

## ICELAND

**Bernhard ehf.**  
Vatnagarðar 24-26  
104 Reykjavík  
Tel. : +354 520 1100  
Fax : +354 520 1101  
<http://www.honda.is>

## IRELAND

**Two Wheels Ltd**  
M50 Business Park, Ballymount  
Dublin 12  
Tel. : +353 1 4381900  
Fax : +353 1 4607851  
<http://www.hondaireland.ie>  
✉ [Service@hondaireland.ie](mailto:Service@hondaireland.ie)

## ITALY

**Honda Italia Industriale S.p.A.**  
Via della Cecchignola, 5/7  
00143 Roma  
Tel. : +848 846 632  
Fax : +39 065 4928 400  
<http://www.hondaitalia.com>  
✉ [info.power@honda-eu.com](mailto:info.power@honda-eu.com)

## MALTA

**The Associated Motors  
Company Ltd.**  
New Street in San Gwackin  
Road  
Mriehel Bypass, Mriehel QRM17  
Tel. : +356 21 498 561  
Fax : +356 21 480 150

## NETHERLANDS

**Honda Motor Europe (North)**  
Afd. Power Equipment-  
Capronilaan 1  
1119 NN Schiphol-Rijk  
Tel. : +31 20 7070000  
Fax : +31 20 7070001  
<http://www.honda.nl>

## NORWAY

**Berema AS**  
P.O. Box 454  
1401 Ski  
Tel. : +47 64 86 05 00  
Fax : +47 64 86 05 49  
<http://www.berema.no>  
✉ [berema@berema.no](mailto:berema@berema.no)

## POLAND

**Aries Power Equipment Sp. z o.o.**  
ul. Wroclawska 25  
01-493 Warszawa  
Tel. : +48 (22) 861 43 01  
Fax : +48 (22) 861 43 02  
<http://www.ariespower.pl>  
<http://www.mojahonda.pl>  
✉ [info@ariespower.pl](mailto:info@ariespower.pl)

## PORTUGAL

**Honda Portugal, S.A.**  
Rua Fontes Pereira de Melo 16  
Abrunheira, 2714-506 Sintra  
Tel. : +351 21 915 53 33  
Fax : +351 21 915 23 54  
<http://www.honda.pt>  
✉ [honda.produtos@honda-eu.com](mailto:honda.produtos@honda-eu.com)

## REPUBLIC OF BELARUS

**Scanlink Ltd.**  
Kozlova Drive, 9  
220037 Minsk  
Tel. : +375 172 999090  
Fax : +375 172 999900  
<http://www.hondapower.by>

## ROMANIA

**Hit Power Motor Srl**  
Calea Giulesti N° 6-8 Sector 6  
060274 Bucuresti  
Tel. : +40 21 637 04 58  
Fax : +40 21 637 04 78  
<http://www.honda.ro>  
✉ [hit\\_power@honda.ro](mailto:hit_power@honda.ro)

## RUSSIA

**Honda Motor RUS LLC**  
21. MKAD 47 km., Leninsky  
district.  
Moscow region, 142784 Russia  
Tel. : +7 (495) 745 20 80  
Fax : +7 (495) 745 20 81  
<http://www.honda.co.ru>  
✉ [postoffice@honda.co.ru](mailto:postoffice@honda.co.ru)

## SERBIA & MONTENEGRO

**Bazis Grupa d.o.o.**  
Grčica Milenka 39  
11000 Belgrade  
Tel. : +381 11 3820 295  
Fax : +381 11 3820 296  
<http://www.hondasrbija.co.rs>

## SLOVAKIA REPUBLIC

**Honda Slovakia, spol. s r.o.**  
Prievozská 6 821 09 Bratislava  
Tel. : +421 2 32131112  
Fax : +421 2 32131111  
<http://www.honda.sk>

## **SLOVENIA**

**AS Domzale Moto Center  
D.O.O.**

Blatnica 3A

1236 Trzin

Tel. : +386 1 562 22 42

Fax : +386 1 562 37 05

<http://www.as-domzale-motoc.si>

## **SPAIN &**

### **Las Palmas province**

(Canary Islands)

**Greens Power Products, S.L.**

Poligono Industrial Congost -

Av Ramon Ciurans n°2

08530 La Garriga - Barcelona

Tel. : +34 93 860 50 25

Fax : +34 93 871 81 80

<http://www.hondaencasa.com>

### **Tenerife province**

(Canary Islands)

**Automocion Canarias S.A.**

Carretera General del Sur, KM.  
8,8

38107 Santa Cruz de Tenerife

Tel. : +34 (922) 620 617

Fax : +34 (922) 618 042

<http://www.aucasa.com>

✉ [ventas@aucasa.com](mailto:ventas@aucasa.com)

✉ [taller@aucasa.com](mailto:taller@aucasa.com)

## **SWEDEN**

**Honda Nordic AB**

Box 50583 - Västkvägen 17  
20215 Malmö

Tel. : +46 (0)40 600 23 00

Fax : +46 (0)40 600 23 19

<http://www.honda.se>

✉ [hpesinfo@honda-eu.com](mailto:hpesinfo@honda-eu.com)

## **SWITZERLAND**

**Honda Suisse S.A.**

10, Route des Moulières

1214 Vernier - Genève

Tel. : +41 (0)22 939 09 09

Fax : +41 (0)22 939 09 97

<http://www.honda.ch>

## **TURKEY**

**Anadolu Motor Uretim ve  
Pazarlama AS**

Esentepe mah. Anadolu

Cad. No: 5

Kartal 34870 Istanbul

Tel. : +90 216 389 59 60

Fax : +90 216 353 31 98

<http://www.anadolumotor.com.tr>

✉ [antor@antor.com.tr](mailto:antor@antor.com.tr)

## **UKRAINE**

**Honda Ukraine LLC**

101 Volodymyrska Str. - Build. 2

Kyiv 01033

Tel. : +380 44 390 1414

Fax : +380 44 390 1410

<http://www.honda.ua>

✉ [CR@honda.ua](mailto:CR@honda.ua)

## **UNITED KINGDOM**

**Honda (UK) Power Equipment**

470 London Road

Slough - Berkshire, SL3 8QY

Tel. : +44 (0)845 200 8000

<http://www.honda.co.uk>

## **CANADA**

**Honda Canada Inc.**

Please visit [www.honda.ca](http://www.honda.ca)

for address information

Tel. : 1-888-946-6329

Fax : 1-877-939-0909



**"EC Declaration of Conformity" CONTENT OUTLINE**  
**"CE-Déclaration de conformité" DESCRIPTION DE TABLE DES MATIERES**  
**"EU-Konformitätserklärung" INHALTSÜBERSICHT**  
**DESCRIPCIÓN GENERAL DEL CONTENIDO DE LA "Declaración de Conformidad CE"**

**EC Declaration of Conformity**

1. The undersigned, Piet Renneboog, on behalf of the authorized representative, herewith declares that the machinery described below fulfils all the relevant provisions of:
- Directive 98/37/EC and 2006/42/EC on machinery
  - Directive 2004/108/EC on electromagnetic compatibility
  - Directive 2000/14/EC – 2005/88/EC on outdoor noise

2. Description of the machinery

- a) Generic denomination:      Generating sets  
b) Function:                              producing electrical power

c) Commercial name	d) Type	e) Serial number
*1	*1	

3. Manufacturer  
Honda Motor Co., Ltd.  
2-1-1 Minamiaoyama  
Minato-ku, Tokyo, JAPAN

4. Authorized representative  
Honda Motor Europe Ltd. Aalst Office  
Wijngaardveld 1 (Noord V),  
9300 Aalst – BELGIUM

5. References to harmonized standards	6. Other standards or specifications
EN 12601:2001	-

7. Outdoor noise Directive

- a) Measured sound power :      \*1  
b) Guaranteed sound power :      \*1  
c) Noise parameter:              \*1  
d) Conformity assessment procedure:      ANNEX VI  
e) Notified body:                  VINCOTTE Environment  
   Jan Olieslagerslaan 35  
   B-1800 Vilvoorde BELGIUM

8. Done at:                              Aalst , BELGIUM  
9. Date:

\_\_\_\_\_  
Piet Renneboog  
Homologation Manager  
Honda Motor Europe, Ltd., Aalst Office

\*1: see specification page.  
\*1: voir page de spécifications

\*1: Siehe Spezifikationen-Seite  
\*1: consulte la página de las especificaciones

	French	Italian	German
	Déclaration CE de Conformité	Dichiarazione CE di Conformità	EG-Konformitätserklärung
1	Le sous signé, Piet Renneboog, de la part du représentant autorisé, déclare que la machine décrite ci-dessous répond à toutes les dispositions applicables de * Directive Machine 98/37/EC, 2006/42/EC * Directive 2004/108/EC sur la compatibilité électromagnétique * Directive 2000/14/EC - 2005/88/EC des émissions sonores dans l'environnement des matériels destinés à être utilisés à l'extérieur des bâtiments	Il sottoscritto, Piet Renneboog, in qualità di rappresentante autorizzato, dichiara qui di seguito che la macchina sotto descritta soddisfa tutte le disposizioni pertinenti delle: * Direttiva macchina 98/37/CE, 2006/42/CE * Direttiva sulla compatibilità elettromagnetica 2004/108/CE * Direttiva sulla emissione acustica delle macchine e attrezzature destinate a funzionare all'aperto 2000/14/CE - 2005/88/CE	Der Unterzeichner, Piet Renneboog erklärt hiermit im Namen der Bevollmächtigten, dass das hierunter genannte Maschine allen einschlägigen Bestimmungen der * entspricht. * Maschinennichtlinie 98/37/EC, 2006/42/EC * Richtlinie der Elektromagnetischen Kompatibilität 2004/108/EC * Geräuschnichtlinie im Freien 2000/14/EC - 2005/88/EC
2	Description de la machine a) Dénomination générique Générateur b) Fonction produire du courant électrique c) Nom Commercial d) Type e) Numéro de série	Descrizione della macchina a) Denominazione generica Generatore b) Funzione Produzione di energia elettrica c) Denominazione commerciale d) Tipo e) Numero di serie	Beschreibung der Maschine a) Allgemeine Bezeichnung Stromerzeuger b) Funktion Strom produzieren c) Handelsbezeichnung d) Typ e) Seriennummer
3	Constructeur	Costruttore	Hersteller
4	Représentant autorisé	Rappresentante Autorizzato	Bevollmächtigter
5	Référence aux normes harmonisées	Riferimento agli standard armonizzati	Verweis auf harmonisierte Normen
6	Autres normes et spécifications	Altri standard o specifiche	Andere Normen oder Spezifikationen
7	Directive des émissions sonores dans l'environnement des matériels destinés à être utilisés à l'extérieur des bâtiments a) Puissance acoustique mesurée b) Puissance acoustique garantie c) Paramètre du bruit d) Procédure d'évaluation de conformité e) Organisme notifié	Direttiva sulla emissione acustica delle macchine e attrezzature destinate a funzionare all'aperto a) Livello di potenza sonora misurato b) Livello di potenza sonora garantito c) Parametri emissione acustica d) Procedura di valutazione della conformità e) Organismo notificato	Geräuschnichtlinie im Freien a) gemessene Lautstärke b) Schalleistungspegel c) Geräuschvorgabe d) Konformitätsbewertungs Ablauf e) Benannte Stelle
8	Fait à	Fatto a	Ort
9	Date	Data	Datum

	Dutch	Danish	Greek
	EG-verklaring van overeenstemming	EU OVERENSTEMMELSEERKLARING	ΕΚ-Δήλωση συμμόρφωσης
1	Ondargetekende, Piet Renneboog, in naam van de gemachtigde van de fabrikant, verklaart hiermee dat het hieronder beschreven machine voldoet aan alle toepasselijke bepalingen van : * Richtlijn 98/37/EC, 2006/42/EC betreffende machines * Richtlijn 2004/108/EC betreffende elektromagnetische overeenstemming * Richtlijn 2000/14/EC - 2005/88/EC betreffende geluidsemissie (openlucht)	UNDERTEGNEDE, PIET RENNEBOOG, PÅ VEGNE AF DEN AUTORISEREDE REPRÆSETANT, ERKLÆRER HERMED AT MASKINEN, SOM ER BESKREVET NEDENFØR, OPFYLDER ALLE RELEVANTE BESTEMMELSER I FØLGE: * MASKINDIREKTIV 98/37/EF, 2006/42/EF * EMC-DIREKTIV 2004/108/EF * DIREKTIV OM STØJEMISSION 2000/14/EF - 2005/88/EF	Ο κάτωθι υπογεγραμμένος, Piet Renneboog, εκ μέρους του εξουσιοδοτημένου αντιπροσώπου με το παρών δηλώνω ότι το παρακάτω περιγραφόμενο όχημα πληροί όλες τις σχετικές προδιαγραφές του: * Οδηγία 98/37/ΕΚ, 2006/42/ΕΚ για μηχανές * Οδηγία 2004/108/ΕΚ για την ηλεκτρομαγνητική συμβατότητα * Οδηγία 2000/14/ΕΚ - 2005/88/ΕΚ για το επίπεδο θορύβου σε εξωτερικούς χώρους.
2	Beschrijving van de machine a) Algemene benaming Generator b) Functie elektriciteit produceren c) Handelsbenaming d) Type e) Serienummer	BESKRIVELSE AF PRODUKTET a) FÆLLESBETEGNELSE Generator b) ANVENDELSE Produktion af elektricitet c) HANDELSBETEGNELSE d) TYPE e) SERIENUMMER	Περιγραφή μηχανήματος a) Γενική ονομασία Ηλεκτροπαραγωγό ζεύγος b) Λειτουργία για παραγωγή ηλεκτρικής ενέργειας c) Εμπορική ονομασία d) Τύπος e) Αριθμός σειράς παραγωγής
3	Fabrikant	PRODUCENT	Κατασκευαστής
4	Gemachtigde van de fabrikant	AUTORISERET REPRÆSENTANT	Εξουσιοδοτημένος αντιπρόσωπος
5	Refereret naar geharmoniseerde normen	REFERENCE TIL HARMONISEREDE STANDARDER	Αναφορά σε εναρμονισμένα πρότυπα
6	Andere normen of specificaties	ANDRE STANDARDER ELLER SPECIFIKATIONER	Λοιπά πρότυπα ή προδιαγραφές
7	Geluidsemissierichtlijn (openlucht) a) Gemeten geluidsvermogensniveau b) Gewaarborgd geluidsvermogensniveau c) Geluidsparameter d) Conformiteitsbeoordelingsprocedure e) Aangemelde instantie	DIREKTIV OM STØJEMISSION FRA MASKINER TIL UDENDØRS BRUG a) MALT LYEFFEKTNIVEAU b) GARANTERET LYDEFFEKTNIVEAU c) STØJPARAMETER d) PROCEDURE FOR OVERENSTEMMELSESVURDERING e) BEMYNDIGET ORGAN	Οδηγία επίπεδου θορύβου εξωτερικών χώρων a) Μετρήθαισα ηχητική ένταση b) Εγγυημένη ηχητική ένταση c) Ηχητική παράμετρος d) Διαδικασία πιστοποίησης e) Οργανισμός πιστοποίησης
8	Plaats	STED	Η δοκιμή έγινε
9	Datum	DATO	Ημερομηνία

	Swedish	Spanish	Romanian
	EG-försäkran om överensstämmelse	Declaración de Conformidad CE	UE -Declaratie de Conformitate
1	Undertecknad, Piet Renneboog, på uppdrag av auktoriserad representant, deklarerar härmed att maskinen beskriven nedan fullföljer alla relevanta bestämmelser enligt: * Direktiv 98/37/EC, 2006/42/EC gällande maskiner  * Direktiv 2004/108/EC gällande elektromagnetisk kompatibilitet * Direktiv 2000/14/EC - 2005/88/EC gällande buller utomhus	El abajo firmante, Piet Renneboog, en representación del representante autorizado, adjunto declara que la máquina abajo descrita, cumple las cláusulas relevantes de: * Directiva 98/37/EC, 2006/42/EC de maquinaria  * Directiva 2004/108/EC de compatibilidad electromagnética * Directiva 2000/14/EC - 2005/88/EC de ruido exterior	Subsemnatul Piet Renneboog, in numele reprezentantului autorizat, declar prin prezenta faptul ca echipamentul descris mai jos indeplineste toate conditiile necesare din: * Directiva 98/37/EC, 2006/42/EC privind echipamentul * Directiva 2004/108/EC privind compatibilitatea electromagnetica * Directiva 2000/14/EC - 2005/88/EC privind poluarea fonica in spatiu deschis
2	Maskinbeskrivning a) Allmän benämning Elverk b) Funktion producera el c) Och varumamn d) Typ e) Serienummer	Descripción de la máquina a) Denominación genérica Generador b) Función Producción de electricidad c) Denominación comercial d) Tipo e) Número de serie	Descrierea echipamentului a) Denumire generica Motogenerator electric b) Domeniu de utilizare generarea energiei electrice c) Denumire comerciala d) Tip e) Serie produs
3	Tillverkare	Fabricante	Producator
4	Auktoriserad representant	Representante autorizado	Reprezentantul Autorizat
5	referens till överensstämmande standarder	Referencia de los estándares armonizados	Referința la standardele armonizate
6	Andra standarder eller specifikationer	Otros estándares o especificaciones	Alte standarde sau norme
7	Direktiv för buller utomhus a) Uppmätt ljudnivå b) Garanterad ljudnivå c) Buller parameter d) Förfarande för bedömning e) Anmälda organ	Directiva sobre ruido exterior a)Potencia sonora Medida b) Potencia sonora Garantizada c) Parámetros ruido d) Procedimiento evaluación conformidad e) Organismo notificado	Directiva privind poluarea fonica in spatiu inchis a) Puterea acustica masurata b) Putere acustica maxim garantata c) Indici poluare fonica d) Procedura de evaluare a conformitatii e) Notificari
8	Utfärdat vid	Realizado en	Emisa la
9	Datum	Fecha	Data

	Portuguese	Polish	Finnish
	Declaração CE de Conformidade	Deklaracja zgodności WE	EY-VAATIMUSTENMUKAISUUSVAKUUTUS
1	O abaixo assinado, Piet Renneboog, declara deste modo, em nome do mandatário, que o máquina abaixo descrito cumpre todas as estipulações relevantes da: * Directiva 98/37/EC, 2006/42/EC de máquina * Directiva 2004/108/EC de compatibilidade electromagnética * Directiva 2000/14/EC - 2005/88/EC de ruido exterior	Niżej podpisany, Piet Renneboog, w imieniu upoważnionego przedstawiciela, niniejszym deklaruje, że urządzenie opisane poniżej spełnia wszystkie odpowiednie postanowienia: * Dyrektywa Maszynowa 98/37/EC, 2006/42/EC * Dyrektywa Kompatybilności Elektromagnetycznej 2004/108/EC * Dyrektywa Hałasowa 2000/14/EC - 2005/88/EC	Alekkijottanut, Piet Renneboog vaitteutuu valmistajan edustajan, vakuuttaa läten että alla mainittu kone/tuote täyttää kaikki seuraavia määräyksiä: * Konedirektiivi 98/37/EY, 2006/42/EY * Direktiivi 2004/108/EY sähkömagneettinen yhteensopivuus * Direktiivi 2004/14/EY - 2005/88/EY ympäristön melu
2	Descrição da máquina a) Denominação genérica Gerador b) Função produção de energia eléctrica c) Marca d) Tipo e) Número de série	Opis urządzenia a) Ogólne określenie Agregat prądowórczy b) Funkcja produkcja energii elektrycznej c) Nazwa handlowa d) Typ e) Numery seryjne	TUOTTEEN KUVAUS a) Yleisarvomäärä Aggregaatti b) Toiminto sähkön tuottaminen c) KAUPALLINEN NIMI d) TYYPPI e) SARJANUMERO
3	Fabricante	Producent	VALMISTAJA
4	Mandatário	Upoważniony Przedstawiciel	VALMISTAJAN EDUSTAJAN
5	Referência a normas harmonizadas	Zastosowane normy zharmonizowane	VIITTAUS YHTEISIIN STANDARDEIHIN
6	Outras normas ou especificações	Pozostałe normy i przepisy	MUU STANDARDI TAI TEKNISET TIEDOT
7	Directiva de ruido exterior a) Potência sonora medida b) Potência sonora garantida c) Parametro de ruido d) Procedimento de avaliação da conformidade e) Organismo notificado	Dyrektywa Hałasowa a) Zmierzony poziom mocy akustycznej b) Gwarantowany poziom mocy akustycznej c) Wartość hałasu d) Procedura oceny zgodności e) Jednostka notyfikowana	Ympäristön meludirektiivi a) Mittauksen menetelmä b) Todenmukainen melutaso c) Melu parametrit d) Yhdenmukaisuuden arvioinnin menetelmä e) Tiedonantolin
8	Feito em	Miejsce	TEHTY
9	Data	Data	PAIVAMÄÄRÄ

	Hungarian	Czech	Latvian
	EK-megfelelőeségi nyilatkozata	EC - Prohlášení o shodě	EK atbilstības deklarācija
1	Alförrätt Piet Renneboog, a gyártó cég törvényes képviselőjeként nyilatkozom, hogy az általunk gyártott gép megfelel az összes, alább felsorolt direktíváknak: * 98/37/EC, 2006/42/EC Direktívának benandásolása * 2004/108/EC Direktívának elektromágneses megfelelőségére * 2000/14/EC - 2005/88/EC Direktívának külséri zajszintre	Podpisany Piet Renneboog, jako autorizovaná osoba zde potvrzuje, že stroj popsaný níže splňuje požadavky příslušných opatření: * Směrnice 98/37/ES, 2006/42/ES pro strojní zařízení * Směrnice 2004/108/ES stanovující technické požadavky na výrobky z hlediska elektromagnetické kompatibility * Směrnice 2000/14/ES - 2005/88/ES stanovující technické požadavky na výrobky z hlediska emisí hluku zařízení pro venkovní použití	Piet Renneboog ar savu parakstu zem šī dokumenta, autorizētā pārstāvja vārdā, paziņo, ka zemāk aprakstītais mašīna, atbilst visām zemāk norādīto direktīvu sadājam: * Direktīva 98/37/EK, 2006/42/EK par mašīnām benandāšanai * Direktīva 2004/108/EK attiecībā uz elektromagnētisko savietojamību * Direktīva 2000/14/EK - 2005/88/EK par trokšņa emisiju vidi
2	A gép leírása a) Általános megnevezés Aramfejlesztő b) Funkció elektromos áram előállítás c) Kereskedelmi név	Popis zařízení a) Všeobecné označení Elektrocentrála b) Funkce Výraba elektrické energie c) Obchodní název	Iekārtas apraksts a) Vispārējais nosaukums Generators iekārta b) Funkcija elektriskās strāvas ražošana c) Komerccnosaukums

	Hungarian (continued)	Czech (continued)	Latvian (continued)
2	d) Típus e) Sorozatszám	d) Typ e) Vyrobní číslo	d) Tips e) Sérijas numurs
3	Gyártó	Vyrobce	Razotājs
4	Jogosult képviselő	Autorizovaná osoba	Autorizētais pārstāvis
5	Hivatkozással a szabványokra	Ódkazy na harmonizované normy	Atsauce uz saskaņotajiem standartiem
6	Más előírások, megjegyzések	Ostatní použité normy a specifikace	Citi noteiktie standarti vai specifikācijas
7	Külföldi zajszint Direktíva a) Mért hangerő b) Szavatolt hangerő c) Zajszint paraméter d) Megfeleléségi becslési eljárás e) Kijelölt szervezet	Směrnice pro hluk pro venkovní použití a) Naměřený akustický výkon b) Garantovaný akustický výkon c) Parametr hluku d) Způsob posouzení shody e) Notifikovaná osoba	Arjo trokšņu Direktīva a) Izmērīta trokšņa līelums b) Pielaujama trokšņa līelums c) Trokšņa parametri d) Atbilstības vērtējuma procedūra e) Informētā iestāde
8	Kelvezés helye	Podpísáno v	Vieta
9	Kelvezés ideje	Datum	Datums

	Slovak	Estonian	Slovenian
	ES vyhlásenie o zhode	EU vastavusedeklaratsioon	ES izjava o skladnosti
1	Dolupodpisany, Piet Renneboog, ako autorizovaný zástupca výrobcu, týmto vyhlasuje, že uvadený stroj/veľ je v zhode s nasledovnými smernicami: * Smernica 98/37/ES, 2006/42/ES (Strojné zariadenia) * Smernica 2004/108/ES (Elektromagnetická kompatibilita) * Smernica 2000/14/ES - 2005/88/ES (Emisie hluku)	Käesolevaga kinnitab allakirjutajana, Piet Renneboog, volitatud esindaja nimel, et allpool kirjeldatud masina vastab kõeldolevale alljärgnevale direktiivide sätetele: * Masinate direktiiv 98/37/EU, 2006/42/EU * Elektromagnetilise ühilduvuse direktiiv 2004/108/EU * Välistmüra direktiiv 2000/14/EU - 2005/88/EU	Spodaj podpisani, Piet Renneboog, ki je pooblašena oseba in v imenu proizvajalca izjavlja, da spodaj opisana stroj ustreza vsem navedenim direktivam: * Direktiva 98/37/EC, 2006/42/EC o strojih * Direktiva 2004/108/EC o elektromagnetni združljivosti * Direktiva 2000/14/EC - 2005/88/EC o hrupnosti
2	Popis stroja a) Druhové označenie Elektrocentrála b) Funkcia Výroba elektrického napätia c) Obchodný názov d) Typ e) Vyrobné číslo	Saadmete kirjeldus a) Üldnimetus Generaator b) Funktsioon elektrienergia tootmine c) Kaubanduslik nimetus d) Tüüp e) Seerianumber	Opis naprave a) Vrsta stroja Agregat za proizvodnjo el. energije b) Funkcija proizvodnja električne energije c) Trgovski naziv d) Tip e) Serijska številka
3	Výrobca	Tootja	Proizvajalec
4	Autorizovaný zástupca	Volitatud esindaja	Pooblašeni predstavnik
5	Referencia k harmonizovaným štandardom	Vide ühtlustatud standardite	Upoštevanji harmonizirani standardi
6	Dalšie štandardy alebo špecifikácie	Muud standardid ja spetsifikatsioonid	Ostali standardi ali specifikaciji
7	Smernica pre emisie hluku vo voľnom priestranstve a) Nameraná hladina akustického výkonu b) Zaručená hladina akustického výkonu c) Rozmer d) Procedúra posudzovania zhody e) Notifikovaná osoba	Välistmüra direktiiv a) Mõeldatud helivõimsuse tase b) Lubatud helivõimsuse tase c) Mõõra parameeter d) Vastavushindamismenetlus e) Teavitatud asutus	Direktiva o hrupnosti a) Izmenjena zvočna moč b) Garantirana zvočna moč c) Parameter d) Postopek e) Postopek opravi
8	Miesto	Koht	Kraj
9	Dátum	Kuupäev	Datum

	Lithuanian	Bulgarian	Norwegian
	EB atitikties deklaracija	EO декларация за съответствие	Samsvårs sertifikat
1	Jgaliojto atstovo vardu pasirašęs Piet Renneboog patvirtina, kad žemiau aprašyta mašina atitinka visas išvardintų direktyvų nuostatas: * Mechanizmų direktyva 98/37/EB, 2006/42/EB * Elektromagnetinio suderinamumo direktyva 2004/108/EB * Triukšmo lauke direktyva 2000/14/EB - 2005/88/EB	Долуподписаният Пайът Ренебург, от името на упълномощения представител, с настоящото декларирам, че машините, описани по-долу, отговарят на всички съответни разпоредби на: * Директива 98/37/EO, 2006/42/EO относно машините * Директива 2004/108/EO относно електромагнитната съвместимост Директива 2000/14/EO - 2005/88/EO относно шумовите емисии на съоръжения, предназначени за употреба извън сградите	Undertegnede Piet Renneboog på vegne av autorisert representant herved erklærer at maskinene beskrevet nedenfor innfrir relevant informasjon fra følgende forskrifter: * Maskindirektivet 98/37/EC, 2006/42/EC * Direktiv EMC: 2004/108/EC Elektromagnetisk kompatibilitet * Direktiv om støy utendørs 2000/14/EC - 2005/88/EC
2	Prietaiso aprašymas a) Bendras pavadinimas Generatorius b) Funkcija elektros energijos gaminimas c) Komercinis pavadinimas d) Tipas e) Serijos numeris	Описание на машините a) Общо наименование Генераторен комплект b) Функция производство на електроенергия c) Търговско наименование d) Тип e) Серийен номер	Beskrivelse av produkt a) Felles benevnelse Generator b) Funksjon Produsere strøm c) Handelsnavn d) Type e) Serienummer
3	Gamintojas	Производител	Produsent
4	Jgaliojotasis atstovas	Упълномощен представител	Autorisert representant
5	Nuorodos į suderintus standartus	Съответствие с хармонизирани стандарти	Referanse til harmoniserte standarder
6	Kiti standartai ir specifikacija	Други стандарти или спецификации	Øvrige standarder eller spesifikasjoner
7	Triukšmo lauke direktyva a) Izmērītais garso galīgums līdjs b) Garantējama garso galīgums līdjs c) Triukšmo parametrs d) Tipas e) Reģistructa jstaiga	Директива относно шумовите емисии на съоръжения, предназначени за употреба извън сградите a) Измерена звукова мощност b) Гарантирана звукова мощност c) Параметърът шум d) Процедурата за оценка на съответствието e) Нотифициран орган	Utendørs direktiv får støy a) Målt støy b) Maks støy c) Konstant støy d) Verdi vurderings prosedyre e) Gjeldende kjerlesy/kropp/stamme/skrog
8	Vieta	Място на изготвяне	Sted
9	Data	Дата на изготвяне	Dato

# HONDA

The Power of Dreams



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