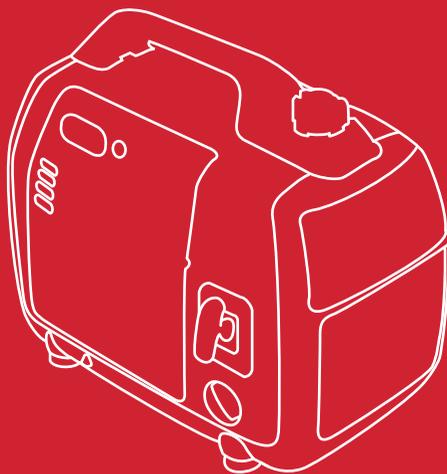


HONDA
POWER PRODUCTS

GENERATOR EU20i



ECOLOGY CONSCIOUS TECHNOLOGY

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

Honda EU20i

OWNER'S MANUAL
Original instructions

MANUEL DE L'UTILISATEUR
Notice originale

BEDIENUNGSANLEITUNG
Originalbetriebsanleitung

MANUAL DE EXPLICACIONES
Manual original



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

Thank you for purchasing a Honda generator.

This manual covers operation and maintenance of the EU20i generator.

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.

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1. SAFETY INSTRUCTIONS

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.

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.

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.

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.

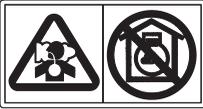
Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local service station for reclamation. Do not throw it in the trash or pour it on the ground.

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



- **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.



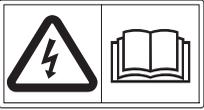
- **Exhaust contains poisonous carbon monoxide, a colorless, odorless gas. Breathing carbon monoxide can cause loss of consciousness and may lead to death.**
- **If you run the generator in an area that is confined, or even partially enclosed area, the air you breathe could contain a dangerous amount 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 backfeed into the utility lines. Such backfeed 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.

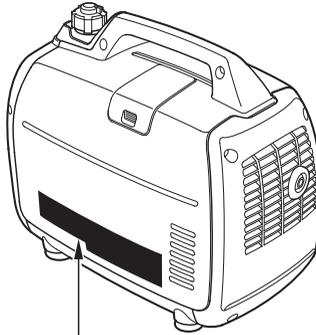


- Connect and remove the receptacle box for parallel operation with the engine stopped.
- For single operation, the receptacle box for parallel operation must be removed.



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

[For Australian model: U type]



▲ CAUTION

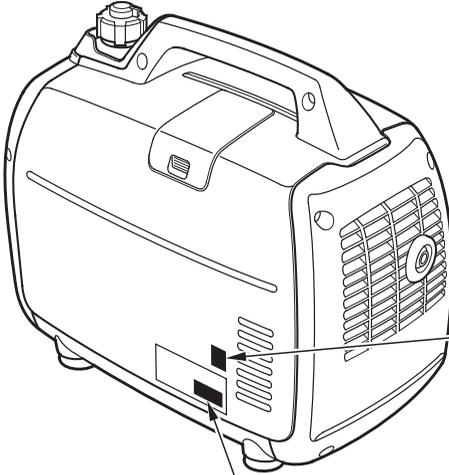
- DO NOT USE INDOORS DUE TO DANGER OF CARBON MONOXIDE POISONING.
- DO NOT CONNECT THE RECEPTACLE OF THIS GENERATOR TO HOUSE WIRING.
- STOP THE ENGINE BEFORE REFUELING.
- CHECK FOR SPILLED FUEL OR FUEL LEAKS.
- DO NOT FILL THE FUEL TANK BEYOND THE UPPER LIMIT LINE.
- FOR DETAILED EXPLANATION, READ THE OWNER'S MANUAL.
- WHEN STORED OR IN TRANSIT, MAKE CERTAIN THAT THE ENGINE SWITCH AND THE FUEL TANK CAP LEVER ARE IN "OFF" POSITION TO PREVENT FUEL LEAKS.
- BE SURE TO CONNECT ONLY THE SPECIAL LEAD TO THE PARALLEL OPERATION RECEPTACLE.

▲ ATTENTION

- NE PAS UTILISER DANS UN LOCAL CLOS OU LES VAPEURS NOCIVES DE MONOXYDE DE CARBONE PEUVENT S'ACCUMULER.
- NE JAMAIS CONNECTER LE GROUPE ELECTROGENE A UNE PRISE DE SECTEUR.
- ARRÊTER LE MOTEUR AVANT DE FAIRE LE PLEIN D'ESSENCE.
- CONTRÔLER QU'IL N'Y A NI FUITE D'ESSENCE, NI D'ESSENCE RÉPANDUE SUR L'APPAREIL.
- NE PAS REMPLIR LE RÉSERVOIR D'ESSENCE AU-DESSUS DU REPERE DE NIVEAU MAXIMUM.
- POUR PLUS D'INFORMATIONS, LIRE LE MANUEL DE L'UTILISATEUR.
- QUAND LE GROUPE ELECTROGENE EST REMISE OU TRANSPORTE, S'ASSURER QUE LE CONTACT D'ARRÊT DU MOTEUR ET LA MISE A L'AIR LIBRE DU RESERVOIR D'ESSENCE SONT SUR LA POSITION "OFF" AFIN D'ÉVITER TOUTE FUITE D'ESSENCE.
- CONNECTER UNIQUEMENT LE CORDON SPECIAL A LA PRISE POUR UTILISATION EN PARALLELE.

• CE mark and noise label locations

[For European model: G, GP3, GW, B, F, W types]



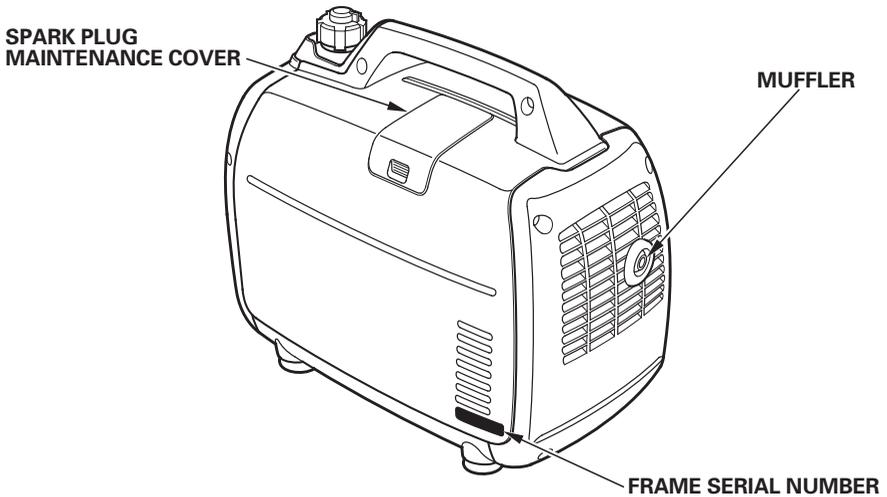
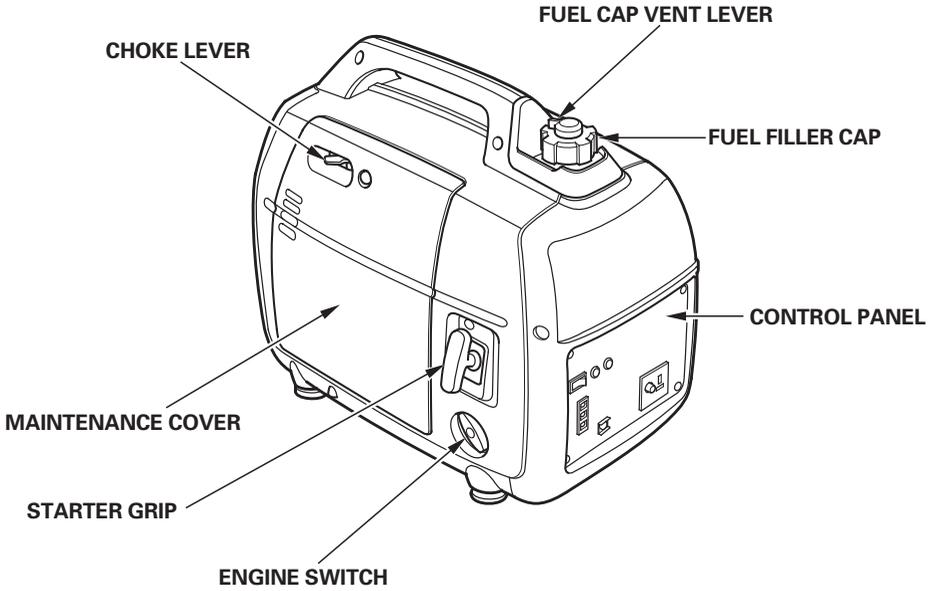
NOISE LABEL



CE MARK

CE	Generating set		EU20i	
	EN 12601			
Rated power COP	1.6 kW	50 Hz	G1	← Performance class
Rated power factor	1.0	230 V	IP23M	← IP code
Year of Mfg	* * * *	7.0A	Mass 21.0kg	← Dry mass (weight)
Honda Motor Co., Ltd. 2-1-1 Minamiaoyama, Minato-ku, Tokyo, Japan	Honda Motor Europe Ltd. Aalst Office Wijngaardveld 1 (Noord V), 9300 Aalst - BELGIUM			← Sales agency and address
↑ Manufacturer and address		↑ Year of manufacture		

3. COMPONENT IDENTIFICATION

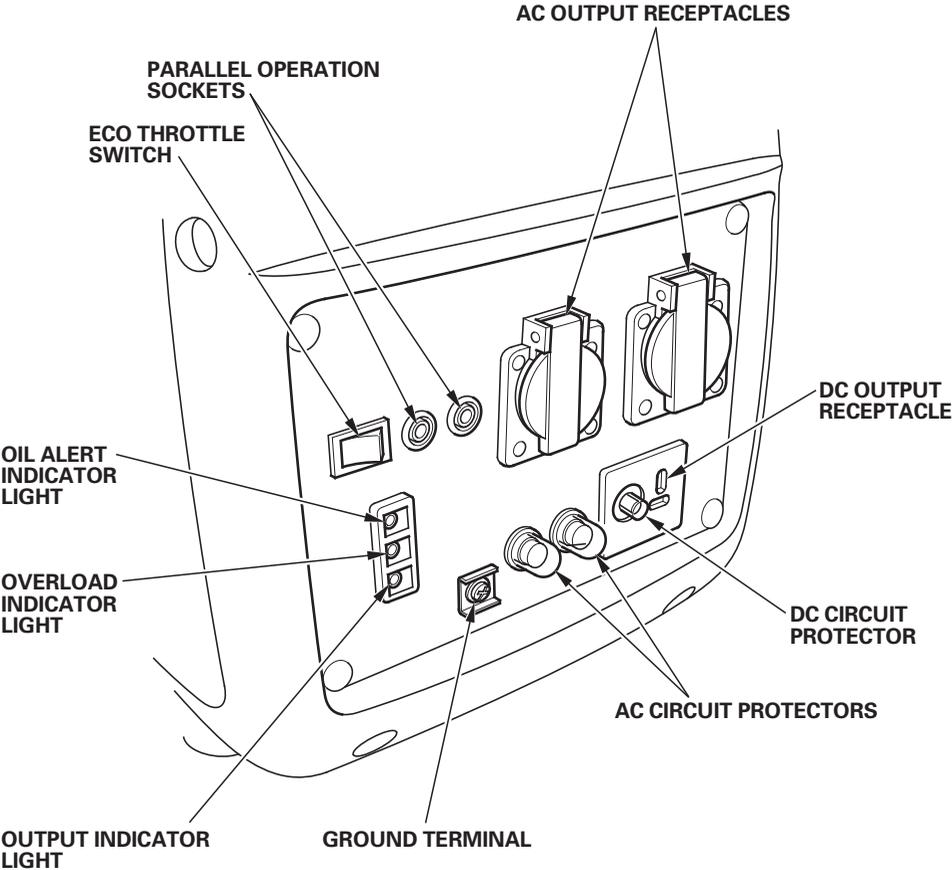


Record the frame serial number in the space below. You will need this serial number when ordering parts.

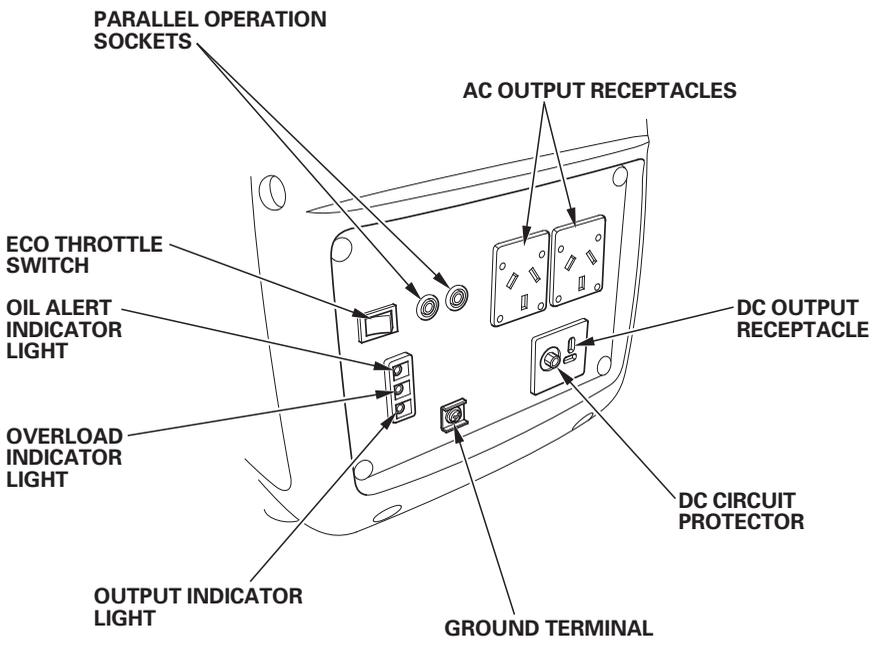
Frame serial number: _____

CONTROL PANEL

G, GP3, GW, F, W, and B types



U type



Eco Throttle

ECO:

Engine speed is kept at idle automatically when the electrical appliance is disconnected and it returns to the proper speed by the electrical load when electrical appliance is connected. This position is recommended to minimize the fuel consumption while in operation.

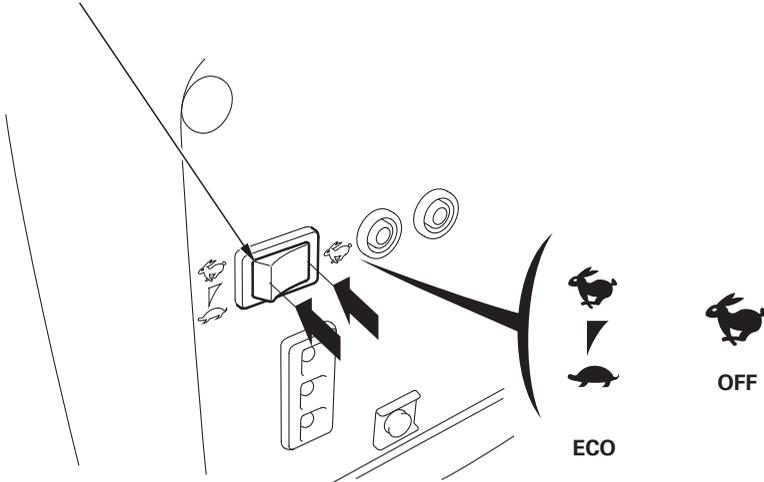
NOTE:

- Eco Throttle system does not operate sufficiently if the electrical appliance requires the momentary electric power.
- When high electrical load appliances is connected simultaneously, turn the Eco Throttle switch to the OFF position to reduce voltage changes.
- In DC operation, turn the eco throttle switch to the OFF position.

OFF:

Eco Throttle system does not operate. Engine speed is kept over rated speed.

ECO THROTTLE SWITCH



4. PRE-OPERATION CHECK

CAUTION:

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

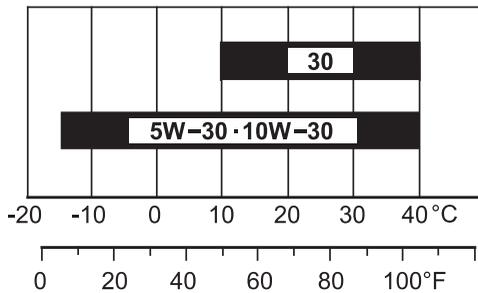
1. Check the engine oil level.

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).



AMBIENT TEMPERATURE

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 recommended range.

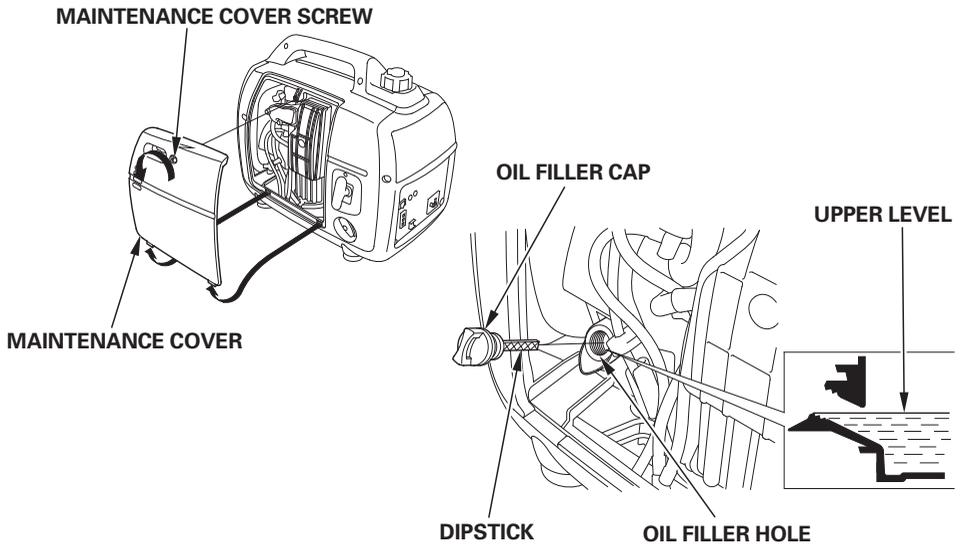
Loosen the maintenance cover screw and remove the maintenance cover.

Remove the oil filler cap, and wipe the dipstick with a clean rag. Check the oil level by inserting the dipstick in the oil filler hole without screwing it in.

If the oil level is below the end of the dipstick, refill with recommended oil up to the top of the oil filler neck.

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.

2. Check the fuel level.

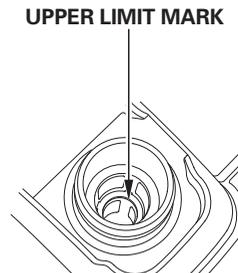
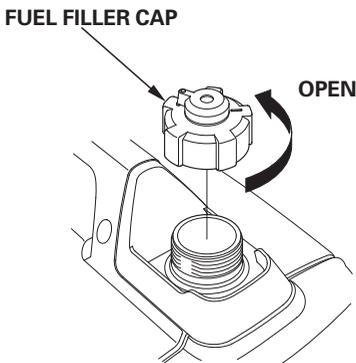
If the fuel level is low, refuel the fuel tank until the level as specified. After refueling, tighten the fuel filler cap securely.

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 above the upper limit mark). After refueling, make sure the fuel filler cap is closed properly and securely.**
- **Be careful not to spill fuel when refueling. Spilled fuel or fuel vapor may ignite. If any fuel is spilled, make sure the area is dry before starting the engine.**
- **Avoid repeated or prolonged contact with skin or breathing of vapor.**

KEEP OUT OF REACH OF CHILDREN.



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 specified 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 (see page 45).

Gasolines 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.

3. Check the air cleaner.

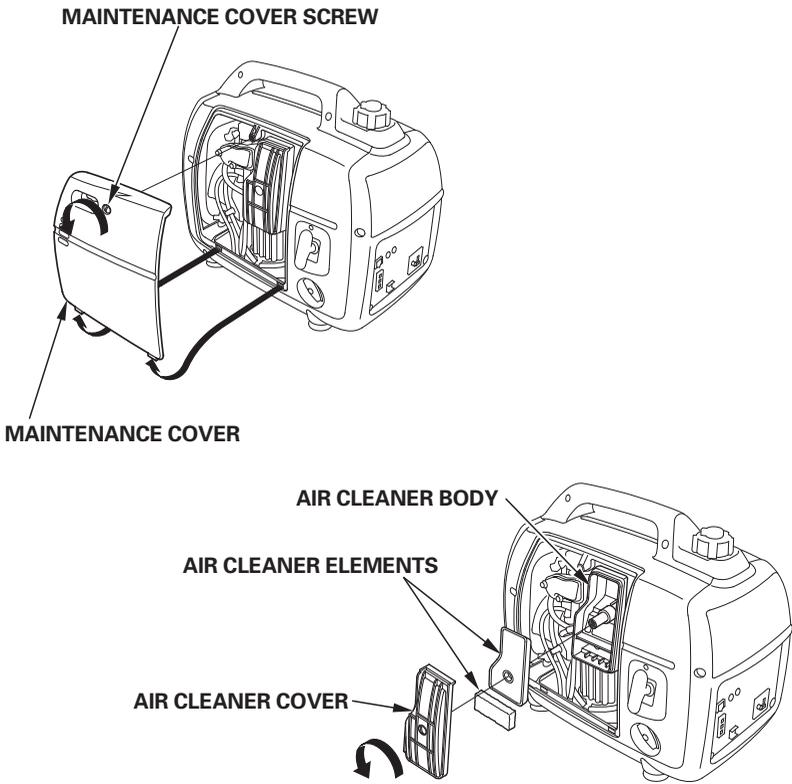
Check the air cleaner elements to be sure they are clean and in good condition.

Loosen the maintenance cover screw and remove the maintenance cover. Press the latch tab on the top of the air cleaner body, remove the air cleaner cover, check the elements.

Clean or replace the elements if necessary (see page 41).

CAUTION:

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



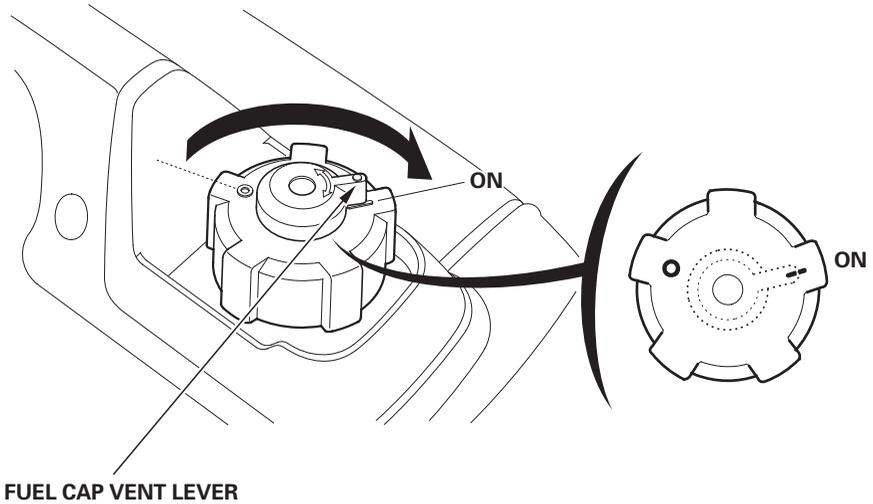
5. STARTING THE ENGINE

Before starting the engine disconnect any load from the AC receptacle.

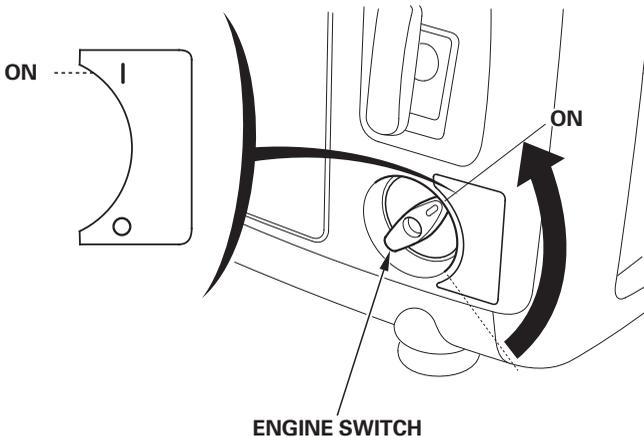
1. Turn the fuel cap lever fully clockwise to the ON position.

NOTE:

Turn the fuel tank cap vent lever to the OFF position when transporting the generator.



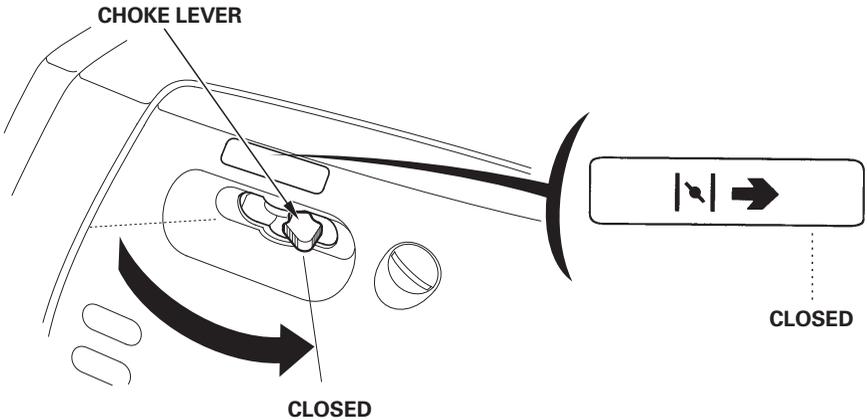
2. Turn the engine switch to the ON position.



3. Move the choke lever to the CLOSED position.

NOTE:

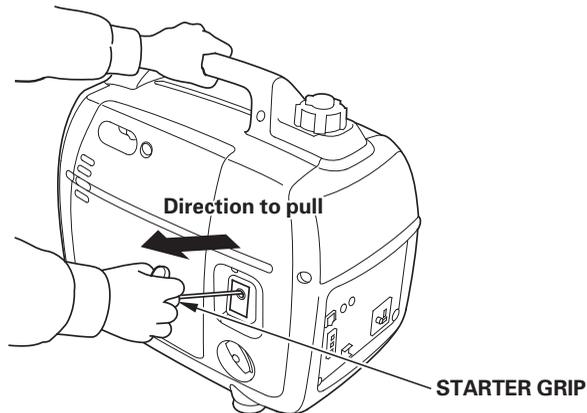
Do not use the choke when the engine is warm or the air temperature is high.



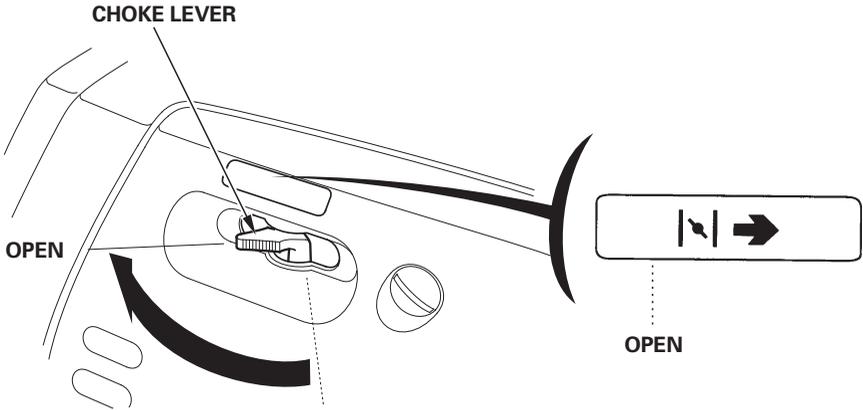
4. Pull the starter grip lightly until you feel resistance, then pull the starter grip briskly toward in the direction of the arrow as shown below.

CAUTION:

- The starter grip can be drawn back very quickly before you release it. This may pull your hand forcefully toward the engine and cause an injury.
- Do not allow the starter grip to snap back. Return it slowly by hand.



5. Move the choke lever to the OPEN position as the engine warms up.



NOTE:

If the engine stops and will not restart, check the engine oil level (see page 17) before troubleshooting in other areas.

- **Carburetor Modification for High Altitude Operation**

At high altitude, the standard carburetor air-fuel mixture will be too rich. Performance will decrease, and fuel consumption will increase. A very rich mixture will also foul the spark plug and cause hard starting. Operation at an altitude that differs from that at which this engine was certified, for extended periods of time, may increase emissions.

High altitude performance can be improved by specific modifications to the carburetor. If you always operate your generator at altitudes above 1,500 meters (5,000 feet), have your authorized Honda servicing dealer perform this carburetor modification. This engine, when operated at high altitude with the carburetor modifications for high altitude use, will meet each emission standard throughout its useful life.

Even with carburetor modification, engine horsepower will decrease about 3.5% for each 300-meter (1,000-foot) increase in altitude. The effect of altitude on horsepower will be greater than this if no carburetor modification is made.

CAUTION:

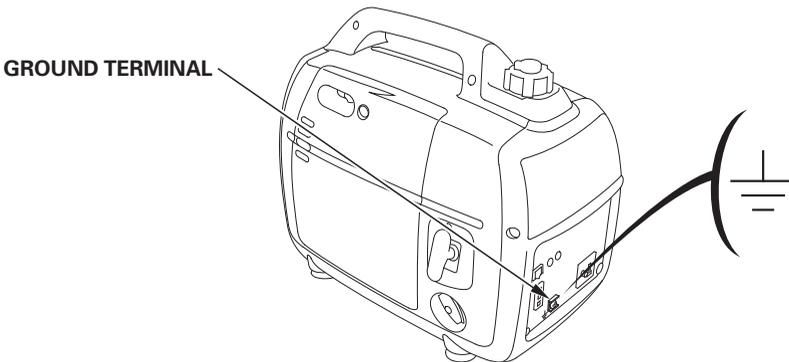
Operation of the generator at an altitude lower than the carburetor is jetted for may result in reduced performance, overheating, and serious engine damage caused by an excessively lean air/fuel mixture.

6. GENERATOR USE

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:

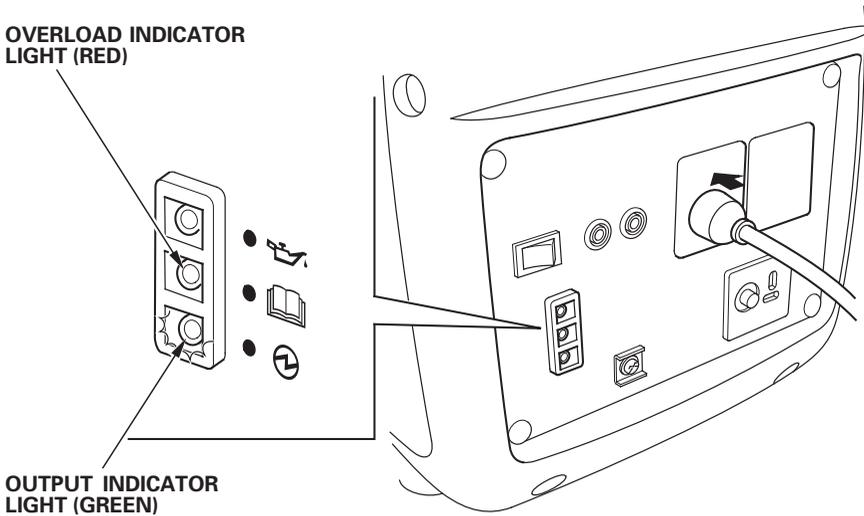
- Do not exceed the current limit specified for any one receptacle.
- Do not connect the generator to a household circuit. This could cause the damage to the generator or to electrical appliances in the house.
- Do not modify or use the generator for other purposes than it is intended for. Also observe the following when using the generator.
- Do not connect 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 (200 feet) for cables of 1.5 mm² (0.0023 in²) and 100 m (330 feet) for cables of 2.5 mm² (0.0039 in²). 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.

NOTE:

- The DC receptacle can be used while the AC power is in use. If you use both at the same time, do not exceed the maximum AC power.
Maximum AC power: 1.5 kVA
- Most appliance motors require more than their rated wattage for startup.
- Make sure the electrical rating of the tool or appliance does not exceed that of the generator. Never exceed the maximum power rating of the generator. Power levels between rated and maximum may be used for no more than 30 minutes.
- Substantial overloading will switch OFF the AC circuit protector (Except U type). Exceeding the time limit for maximum power operation or slightly overloading the generator may not switch the AC circuit protector OFF, but will shorten the service life of the generator.
- Limit operation requiring maximum power to 30 minutes.
Maximum power is: 2.0 kVA
- For continuous operation, do not exceed the rated power.
Rated power is: 1.6 kVA
- In either case, the total power requirements (VA) of all appliances connected must be considered.

AC applications

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



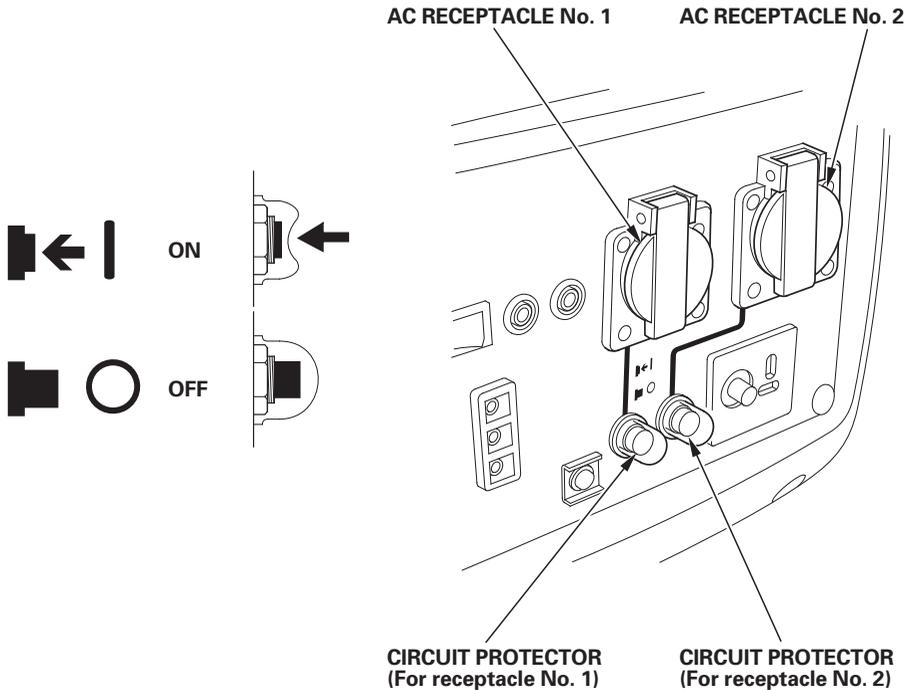
CAUTION:

- **Substantial overloading that continuously lights the Overload indicator (red) may damage the generator. Marginal overloading that temporarily lights the Overload indicator (red) may shorten the service life of the generator.**
- **Be sure that all appliances are in good working order before connecting them to the generator. Electrical equipment (including lines and plug connections) should not be defective. If an appliance begins to operate abnormally, becomes sluggish, or stops suddenly, turn off the generator engine switch immediately. Then disconnect the appliance, and examine it for signs of malfunction.**

AC Circuit Protector (B, F, G, GP3, GW and W types)

The AC circuit protectors will automatically switch OFF (push button comes out) if there is a short circuit or a significant overload of the generator at receptacle.

If an AC circuit protector switches OFF automatically, check that the appliance is working properly and does not exceed the rated load capacity of the circuit before resetting the AC circuit protector ON (pushing the push button in).



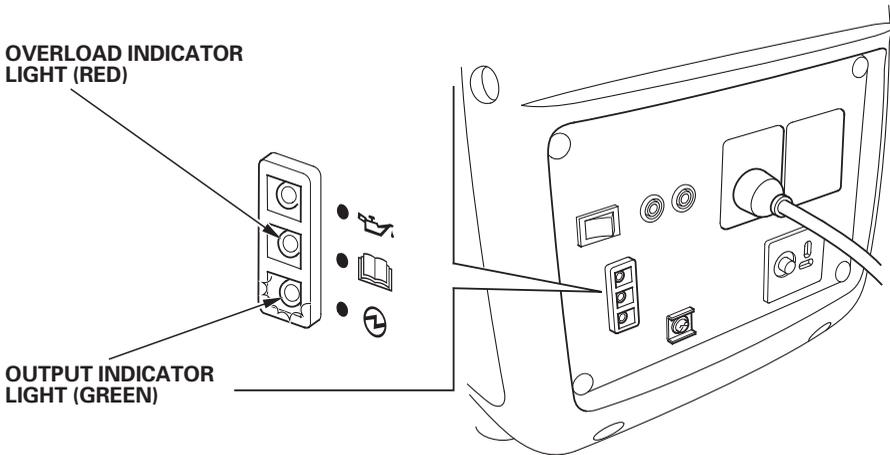
Output and Overload Indicators

The Output indicator (green) will remain on during normal operating conditions.

If the generator is overloaded (see page 26), or if there is a short in the connected appliance, the Output indicator (green) will go off, the Overload indicator (red) will come on and current to the connected appliance will be shut off.

Stop the engine if the Overload indicator (red) comes on and investigate the overload source.

- Before connecting an appliance to the generator, check that it is in good order, and that its electrical rating does not exceed that of the generator. Then connect the power cord of the appliance, and start the engine.



NOTE:

When an electric motor is started, both the Overload indicator (red) and the Output indicator (green) may come on simultaneously. This is normal if the Overload indicator (red) goes off after about 4 seconds. If the Overload indicator (red) stays on, consult your Honda generator dealer.

Parallel operation

Please read the item “GENERATOR USE” before connecting any equipment to be used.

Use only a Honda approved receptacle box for parallel operation (optional) when connecting two EU20i generators for parallel operation.

Make sure that the electrical rating of the tool or appliance does not exceed that of the generator. Never exceed the maximum power rating of the generator. Power levels between rated and maximum may be used for no more than 30 minutes.

Limit operation requiring maximum power to 30 minutes.

Maximum power in parallel operation is:

Except U type : 3.6 kVA

U type : 4.0 kVA

For continuous operation, do not exceed the rated power.

Rated power in parallel operation is: 3.2 kVA

In either case, the total power requirements (VA) of all appliances connected must be considered.

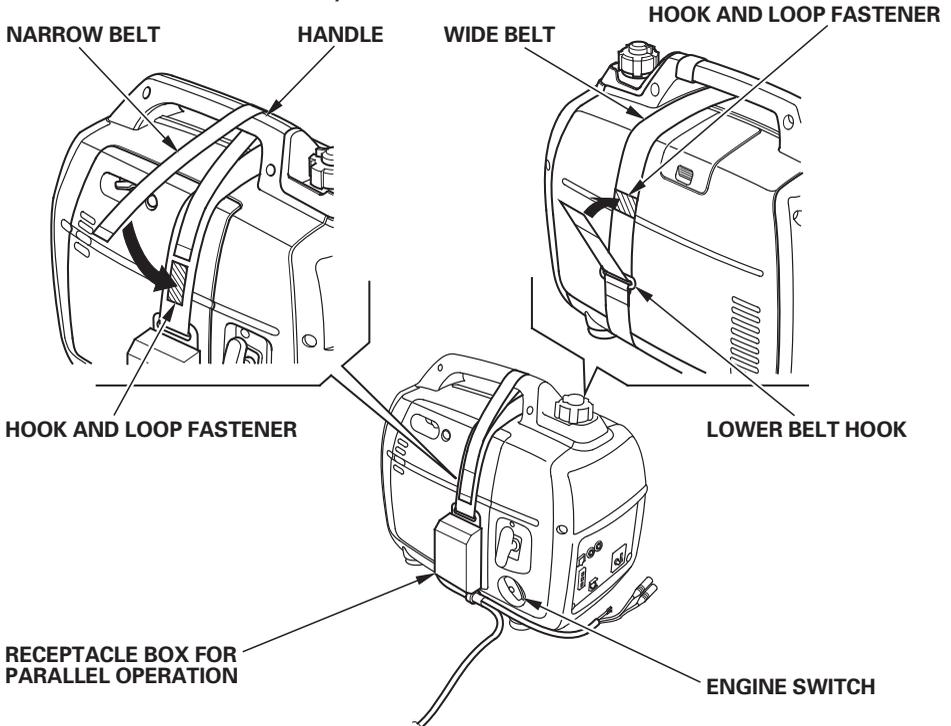
CAUTION:

Substantial overloading that continuously lights the Overload indicator (red) may damage the generator. Marginal overloading that temporarily lights the Overload indicator (red) may shorten the service life of the generator.

▲WARNING

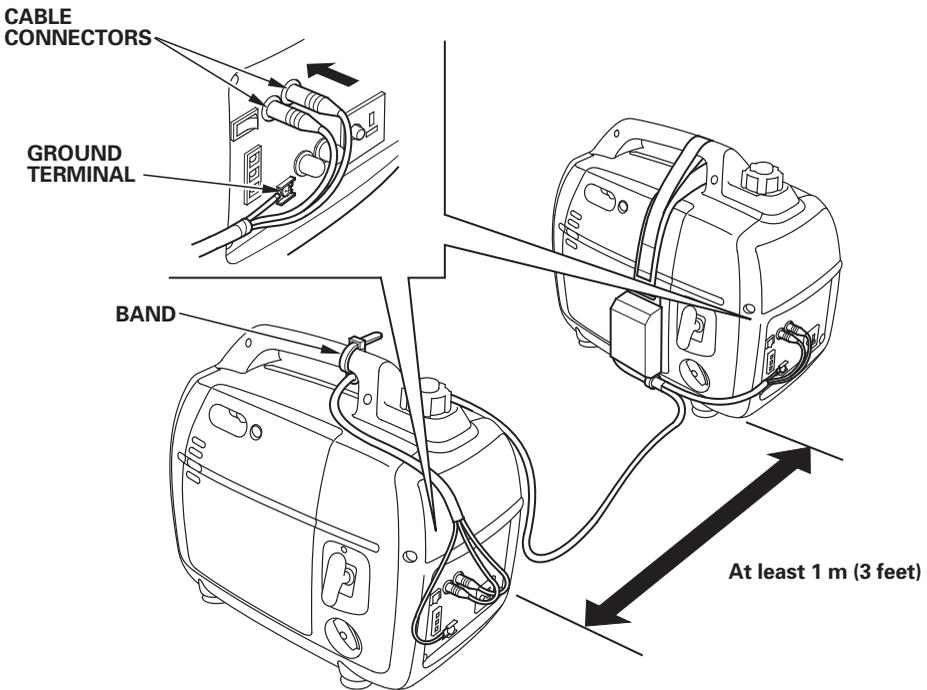
- Never connect the different generator models and types.
- Never connect a cable other than the receptacle box for parallel operation.
- Connect and remove the receptacle box for parallel operation with the engine stopped.
- For single operation, the receptacle box for parallel operation must be removed.

1. Install the receptacle box for parallel operation on to the one generator and secure it with setting band as shown.
 - Set the belt on the front side of the handle.
 - Secure the narrow belt to the handle with the hook and loop fastener.
 - Pass the upper wide belt through the lower belt hook and secure with the hook and loop fastener.
 - Route the receptacle box wires under the engine switch.
 - Install the belts so they are not slack.



2. Connect the cable connectors and ground terminals of the receptacle box for parallel operation to the generators and secure the cord clamp to handle.

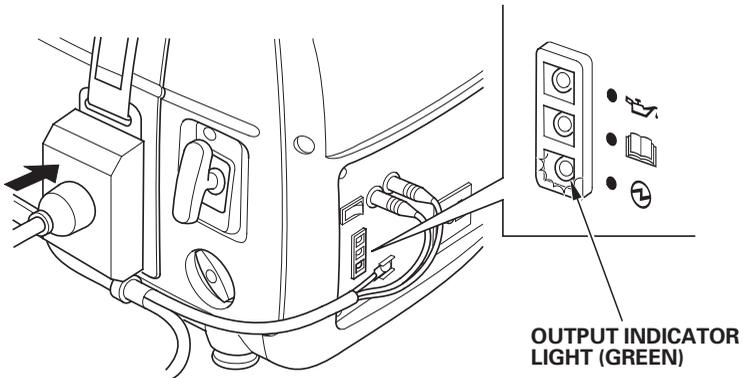
- Place two generators at least 1 meter (3 feet) away from each other during parallel operation.
- Route the wire through the handle and clamp it to the handle using the band.
- Take care not to slacken the wire toward the starter grip side.
- Connect the longer wire to the generator on which the receptacle box for parallel operation is not installed.
- Do not set the generators with the exhaust side face to face each other.



3. Connect the ground terminal of one generator to the ground.

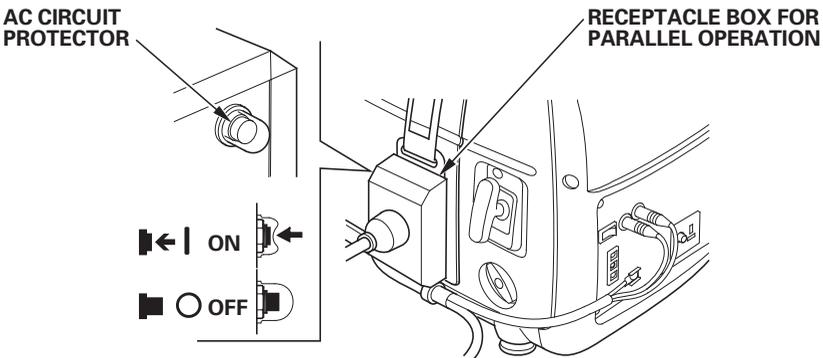
- When an appliance is connected to the ground, connect the generator to the ground as well.

-
4. Start the engines and make sure the Output indicators (green) come on.
 5. Confirm that the appliance to be used is switched off, and plug in the appliance.
 6. Switch on the equipment to be used.



AC Circuit Protector (Except U type)

The AC circuit protector on the receptacle box for parallel operation will automatically switch OFF (push button comes out) if there is a short circuit or a significant overload of the generator at receptacle. If an AC circuit protector switches OFF automatically, check that the appliance is working properly and does not exceed the rated load capacity (16A) of the circuit before resetting the AC circuit protector ON (pushing the push button in).



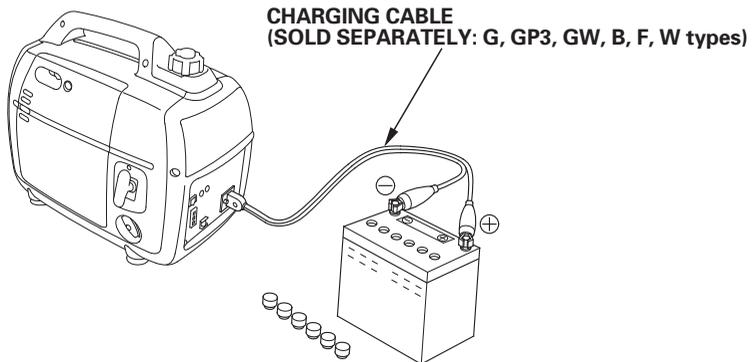
DC application

The DC receptacle may be used for charging 12 volt automotive-type batteries only.

NOTE:

In DC operation, turn the Eco Throttle switch to the OFF position.

1. Connect the charging cable to the DC receptacle of the generator and then to the battery terminals.



⚠ WARNING

- To prevent the possibility of creating a spark near the battery, connect charging cable first to the generator, then to the battery. Disconnect cable first at the battery.
- Before connecting charging cable to a battery that is installed in a vehicle, disconnect the vehicle's battery cable. Reconnect the vehicle's battery cable after the charging cables are removed. This procedure will prevent the possibility of a short circuit and sparks if you make accidental contact between a battery terminal and the vehicle's frame or body.

CAUTION:

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

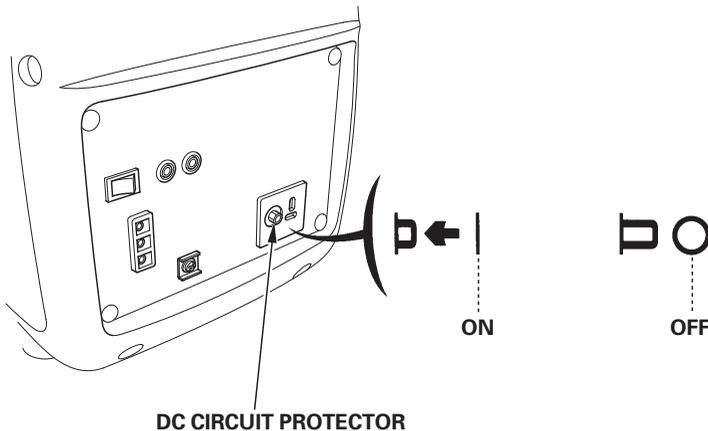
▲WARNING

- 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 faceshield 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:

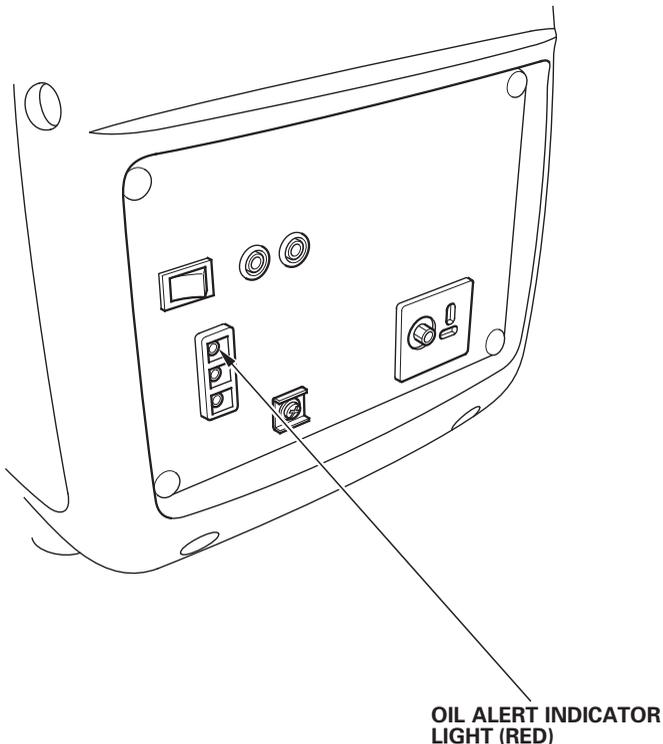
- The DC receptacle can be used while the AC power is in use.
- An overload DC circuit will trip the DC circuit protector (push button comes out).
If this happens, wait a few minutes before pushing in the circuit protector to resume operation.



Oil Alert system

The Oil Alert system is designed to prevent engine damage caused by an insufficient amount of oil in the crankcase. Before the oil level in the crankcase falls below a safe limit, the Oil Alert system will automatically shut down the engine (the engine switch will remain in the ON position).

If the Oil Alert system shuts down the engine, the Oil Alert indicator (red) will come on when you operate the starter, and the engine will not run. If this occurs, check the engine oil level (see page 17).

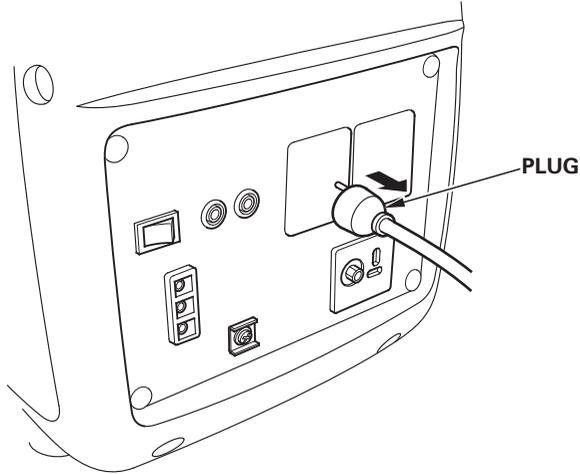


7. STOPPING THE ENGINE

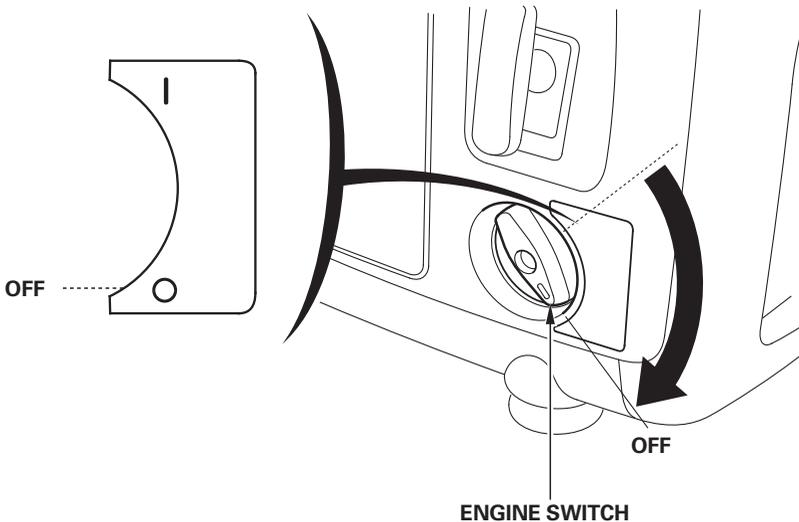
To stop the engine in an emergency, turn the engine switch to the OFF position.

IN NORMAL USE:

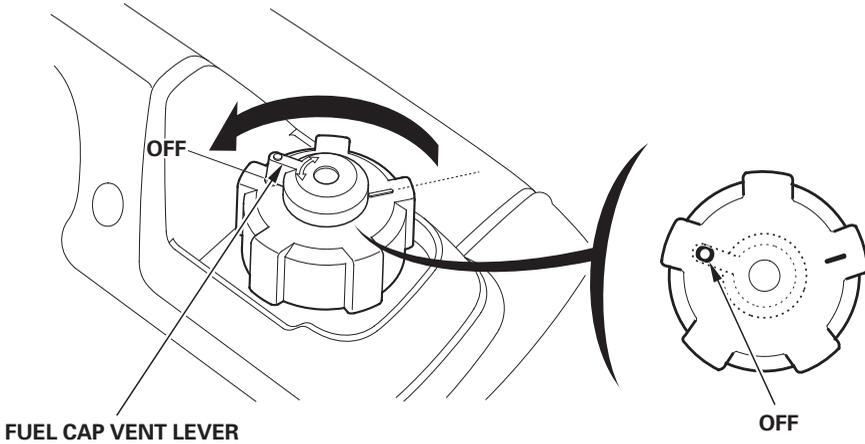
1. Switch off the connected equipment and pull the inserted plug.



2. Turn the engine switch to the OFF position.



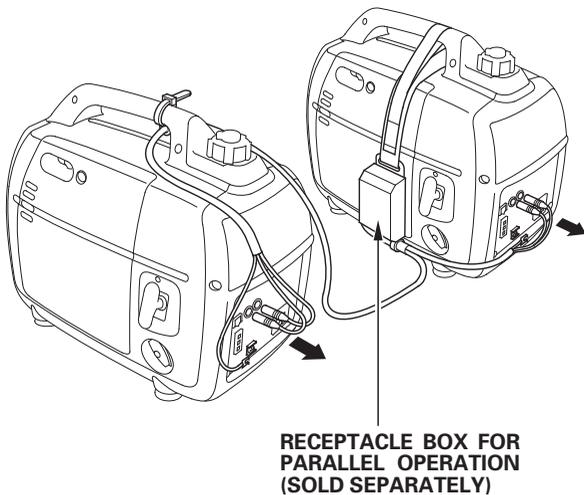
3. Turn the fuel cap vent lever fully counterclockwise to the OFF position.



CAUTION:

Be sure the fuel cap vent lever and the engine switch are in the OFF position when stopping, transporting and/or storing the generator.

4. When parallel operation has been executed, pull the receptacle box for parallel operation.



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 Honda Genuine parts or their equivalent. The use of replacement parts which are not of equivalent quality may damage the generator.

Maintenance Schedule

REGULAR SERVICE PERIOD (3)		Each use	First month or 20 hrs.	Every 3 months or 50 hrs.	Every 6 months or 100 hrs.	Every years or 200 hrs.
ITEM	Performed at every indicated month or operating hour interval, whichever comes first.					
Engine oil	Check level	○				
	Change		○		○	
Air cleaner	Check	○				
	Clean			○ (1)		
Spark plug	Check-adjust				○	
	Replace					○
Valve Clearance	Check-adjust					○ (2)
Combustion chamber	Clean	After every 300 hrs (2)				
Fuel tank & filter	Clean				○ (2)	
Fuel line	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 Honda servicing dealer, unless you have the proper tools and are mechanically proficient. Refer to the Honda shop manual for service procedures.

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

1. CHANGING OIL

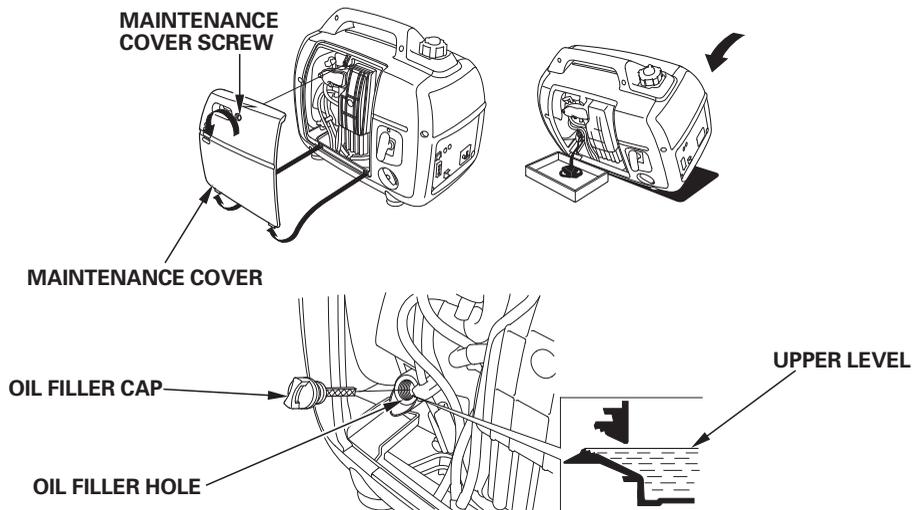
Drain the oil while the engine is still warm to assure rapid and complete draining.

CAUTION:

Make sure to turn the engine switch and the fuel cap vent lever to the OFF position before draining.

1. Loosen the maintenance cover screw and remove the maintenance cover.
2. Remove the oil filler cap.
3. Drain dirty oil into a suitable container thoroughly.
4. Refill with the recommended oil (see page 16) and check the oil level.
5. Reinstall the maintenance cover and tighten the cover screw securely.

ENGINE OIL CAPACITY: 0.4 L (0.42 US qt, 0.35 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.

2. 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.

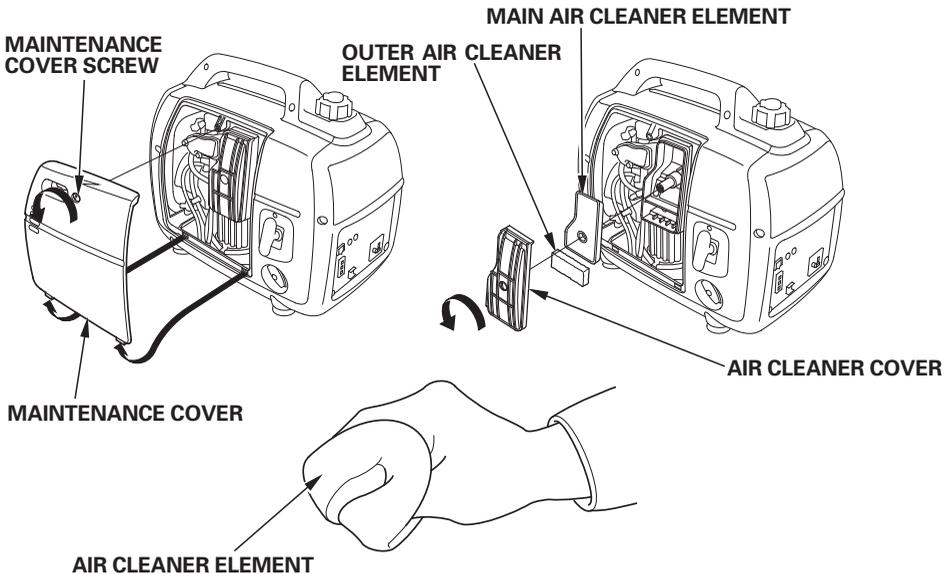
▲WARNING

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 may result.

1. Loosen the maintenance cover screw and remove the maintenance cover.
2. Loosen the air cleaner cover screw, and remove the air cleaner cover.
3. Wash the main and outer air cleaner elements in a non-flammable or high flash point solvent and dry them thoroughly.
4. Soak the elements in clean engine oil and squeeze out the excess oil.
5. Reinstall the main and outer air cleaner elements and the air cleaner cover. Tighten the cover screw securely.
6. Reinstall the maintenance cover and tighten the cover screw securely.

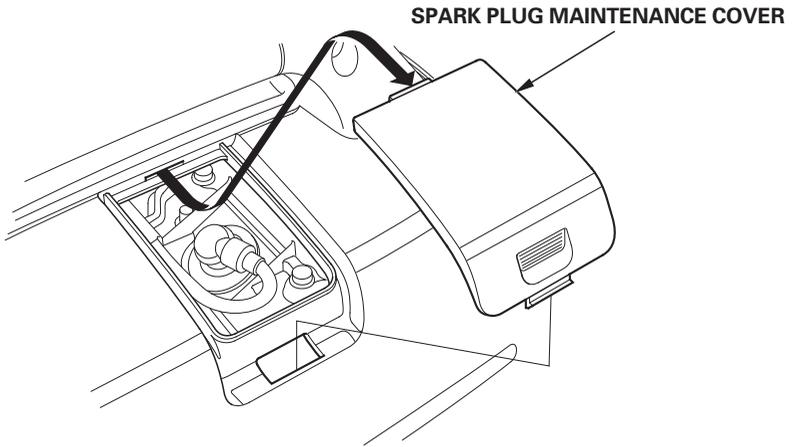


3. SPARK PLUG SERVICE

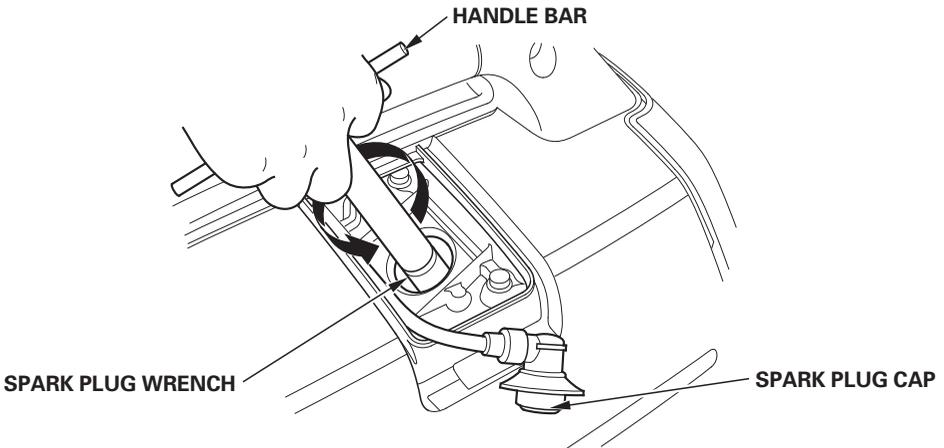
RECOMMENDED SPARK PLUG: CR5HSB (NGK)

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

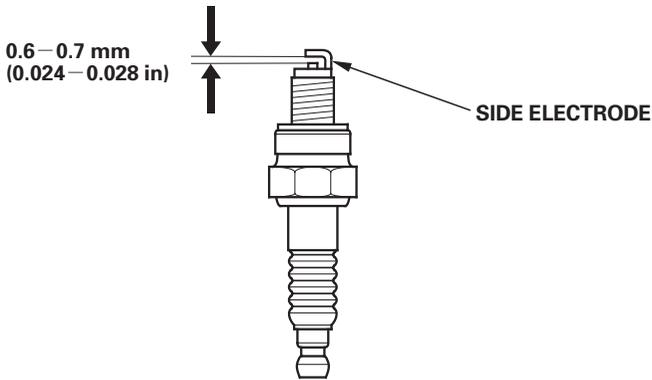
1. Remove the spark plug maintenance cover.



2. Remove the spark plug cap.
3. Clean any dirt from around the spark plug base.
4. Use a spark plug wrench to remove the spark plug.



-
5. Visually inspect the spark plug. Discard it if the insulator is cracked, chipped, or fouled. Clean the spark plug with a wire brush if it is to be reused.
 6. Measure the plug gap with a feeler gauge.
Correct as necessary by carefully bending the side electrode.
The gap should be:
0.6–0.7 mm (0.024–0.028 in)



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

CAUTION:

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

9. TRANSPORTING/STORAGE

To prevent fuel spillage when transporting or during temporary storage, the generator should be secured upright in its normal operating position, with the engine switch OFF.

The fuel cap vent lever is turned fully counterclockwise to the OFF position.

Allow the engine to cool well before turning the fuel cap vent lever to the OFF position.

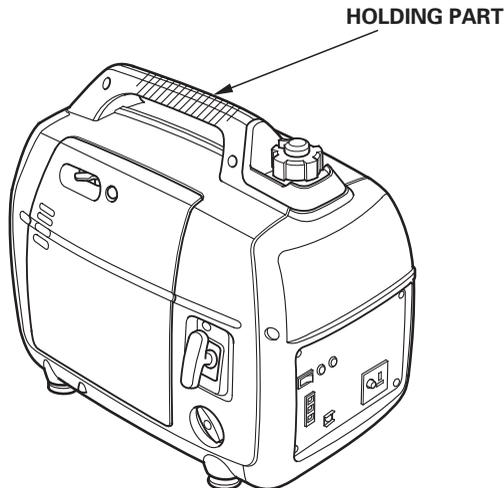
▲WARNING

When transporting the generator:

- **Do not overfill the tank (there should be no fuel in the filler neck).**
- **Do not operate the generator while it is on a vehicle. Take the generator off the vehicle and use it in a well ventilated place.**
- **Avoid a place exposed to direct sunlight when putting the generator on a vehicle. If the generator is left in an enclosed vehicle for many hours, high temperature inside the vehicle could cause fuel to vaporize resulting in a possible explosion.**
- **Do not drive on a rough road for an extended period with the generator on board. If you must transport the generator on a rough road, drain the fuel from the generator beforehand.**

NOTE:

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



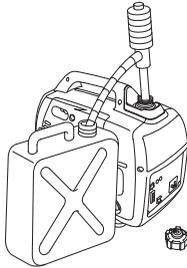
Before storing the unit for an extended period:

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

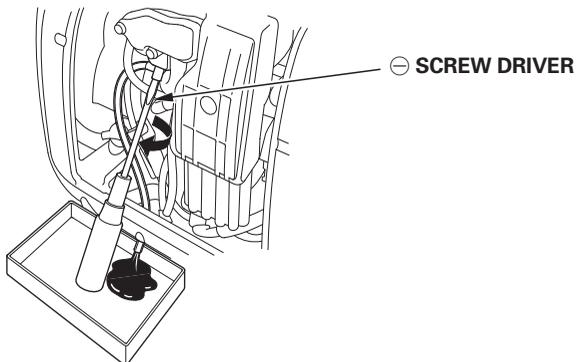
▲WARNING

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.

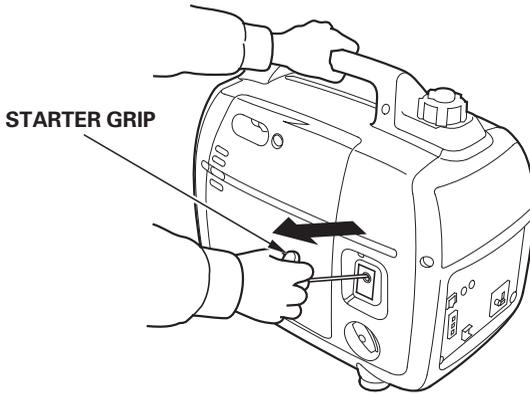
- a. Drain all gasoline from the fuel tank into an approved gasoline container. We recommend using a commercially available gasoline hand pump. Do not use an electric pump.



- b. Turn the engine switch to the ON position, and loosen the carburetor drain screw and drain the gasoline from the carburetor into a suitable container.
- c. With the drain screw loosened remove the spark plug cap, and pull the starter grip 3 to 4 times to drain the gasoline from the fuel pump.
- d. Turn the engine switch to the OFF position, and tighten the drain screw securely.
- e. Reinstall the spark plug cap on the spark plug securely.

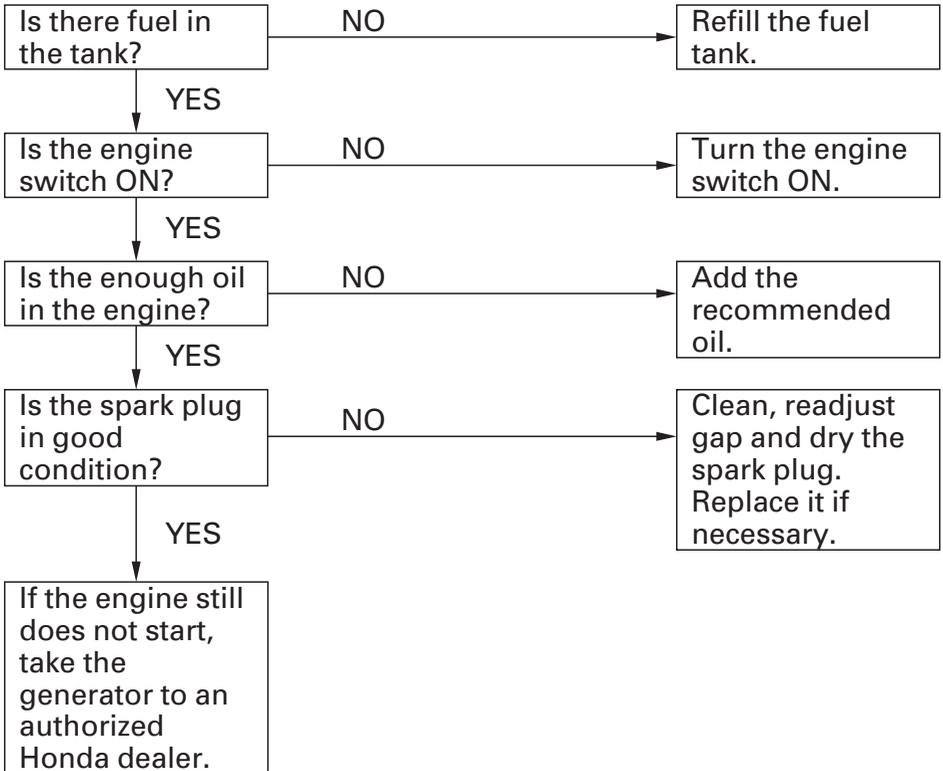


-
3. Change the engine oil.
 4. Remove the spark plug and pour about a tablespoon of clean engine oil into the cylinder. Crank the engine several revolutions to distribute the oil, then reinstall the spark plug.
 5. Slowly pull the starter grip until resistance is felt. At this point, the piston is coming up on its compression stroke and both the intake and exhaust valves are closed. Storing the engine in this position will help to protect it from internal corrosion.

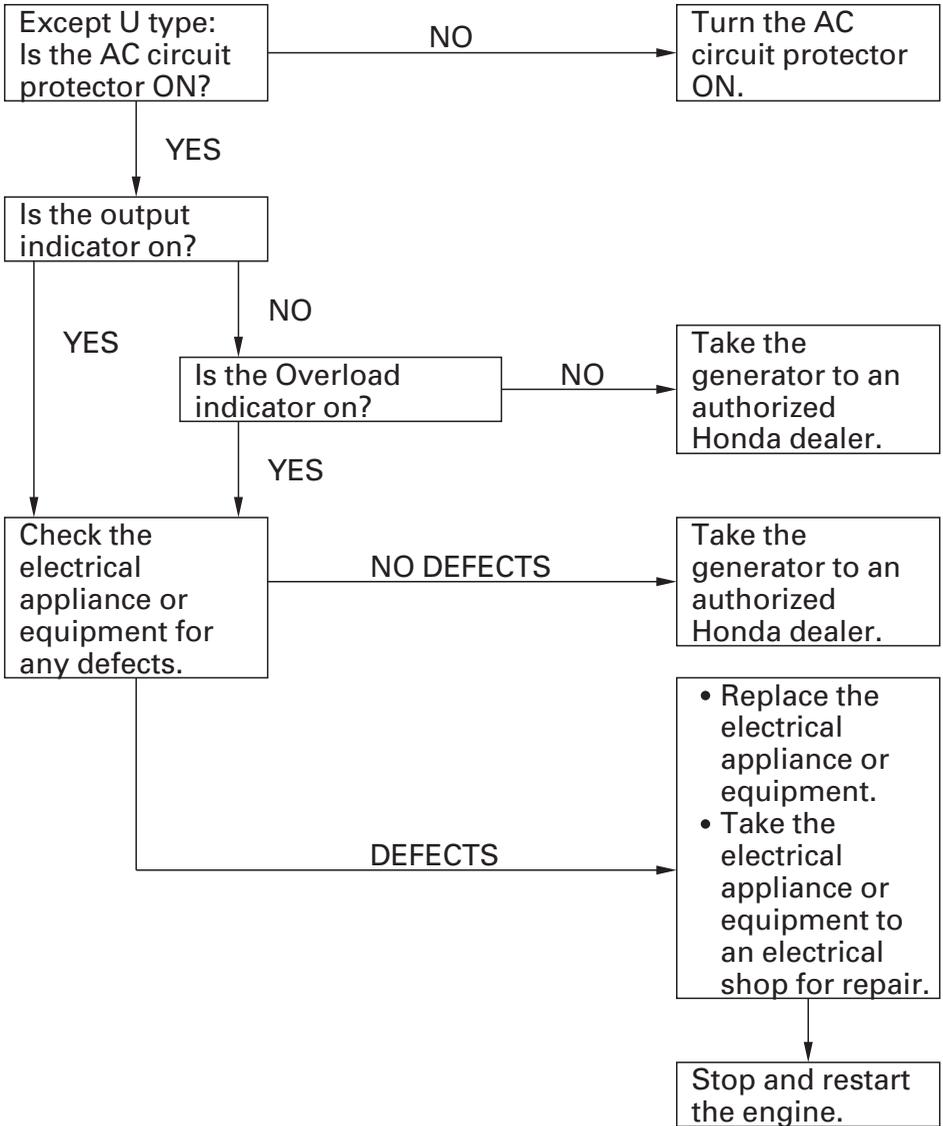


10. TROUBLESHOOTING

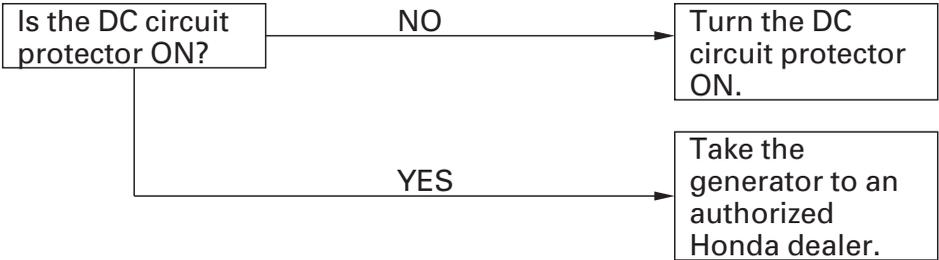
When the engine will not start:



Appliance does not operate:



No electricity at the DC receptacle:



11. SPECIFICATIONS

Dimensions and Weight

Model	EU20i
Description code	EAAJ
Length	512 mm (20.2 in)
Width	290 mm (11.4 in)
Height	425 mm (16.7 in)
Dry weight	20.8 kg (45.9 lbs)

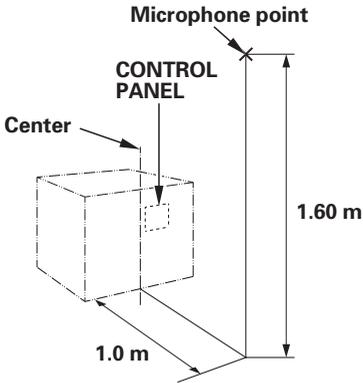
Engine

Model	GX100
Engine type	4-stroke, overhead camshaft, single cylinder
Displacement	98.5 cm ³ (6.01 cu-in)
Bore × Stroke	56.0 × 40.0 mm (2.20 in × 1.57 in)
Compression ratio	8.5:1
Engine speed	4,300 – 5,000 rpm (with eco throttle switch OFF)
Cooling system	Forced air
Ignition system	Full transistor
Oil capacity	0.4 L (0.42 US qt, 0.35 Imp qt)
Fuel tank capacity	3.6 L (3.80 US gal, 3.17 Imp gal)
Spark plug	CR5HSB (NGK)

Generator

Model	EU20i	
Type	G, GP3, GW, B, F, W	U
AC output	Rated voltage (V)	230 240
	Rated frequency (Hz)	50
	Rated Ampere (A)	7.0 6.7
	Rated Output (kVA)	1.6
	Max Output (kVA)	2.0
DC rated output	Only for charging 12 V automotive batteries. 12 V, 8 A	

Noise

Model	EU20i	
Type	G, GP3, GW, B, F, W	U
Sound pressure level at the workstation (2006/42/EC) 	Not exceed 70 dB (A)	_____
Uncertainty	_____	_____
Measured sound power level (2000/14/EC, 2005/88/EC)	88 dB (A)	_____
Uncertainty	1 dB (A)	_____
Guaranteed sound power level (2000/14/EC, 2005/88/EC)	89 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.

12. WIRING DIAGRAM

INDEX

(See inside back cover)

B, W, F, G Types	W-1
U Type	W-2

ABBREVIATIONS

Symbol	Part name
AC, CP	AC Circuit Protector
AC, NF	AC Noise Filter
ACOR	AC Output Receptacle
(B)	B Type
Cot	Parallel operation socket
CPB	Control Panel Block
DC, CP	DC Circuit Protector
DC, D	DC Diode
DC, NF	DC Noise Filter
DCOR	DC Output Receptacle
DC, W	DC Winding
EcoSw	Eco throttle switch
EgB	Engine Block
EgG	Engine Ground
ESw	Engine Switch
ExW	Exciter Winding
FrB	Frame Block
FrG	Frame Ground
(G)	G, GW, GP3 Types
GeB	Generator Block
GT	Ground Terminal
IgC	Ignition Coil
IU	Inverter Unit
MW	Main Winding
OAL	Oil Alert Indicator
OI	Overload Indicator
OLSw	Oil Level Switch
PC	Pulser Coil
PL	Output Indicator
RBx	Receptacle Box for Parallel Operation
SP	Spark Plug
SpU	Spark Unit

Symbol	Part name
StpM	Stepping Motor (Throttle Control)
SW	Sub Winding
To Ge	To Generator
(W)	W Type

WIRE COLOR CODE

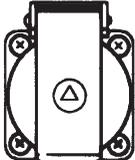
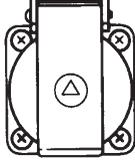
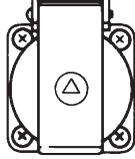
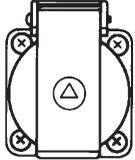
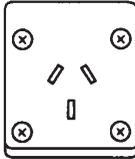
Bl	BLACK
Y	YELLOW
Bu	BLUE
G	GREEN
R	RED
W	WHITE
Br	BROWN
Lg	LIGHT GREEN
Gr	GRAY
Lb	LIGHT BLUE
O	ORANGE
P	PINK

SWITCH CONNECTIONS

ECO THROTTLE SWITCH

		COM (-)	SW
ON			
			
			
OFF			

RECEPTACLE

	Shape	Type
		B
		W
		F
		G, GP3, GW
		U

WIRING DIAGRAM

SCHÉMA DE CABLAGE

SCHALTPLAN

DIAGRAMA DE CONEXIONES

MAJOR Honda DISTRIBUTOR ADDRESSES

For further information, please contact Honda Customer Information Centre at the following address or telephone number:

ADRESSES DES PRINCIPAUX CONCESSIONNAIRES Honda

Pour plus d'informations, s'adresser au Centre d'informations clients Honda à l'adresse ou numéro de téléphone suivants:

ADRESSEN DER WICHTIGSTEN Honda-HAUPTHÄNDLER

Weitere Informationen erhalten Sie gerne vom Honda-Kundeninformationszentrum unter der folgenden Adresse oder Telefonnummer:

DIRECCIONES DE LOS PRINCIPLES CONCESIONARIOS Honda

Para obtener más información, póngase en contacto con el Centro de información para clientes Honda en la dirección o número de teléfono siguientes:

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Tel. : +353 1 4381900

Fax : +353 1 4607851

<http://www.hondaireland.ie>

✉ 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

MALTA

The Associated Motors

Company Ltd.

New Street in San Gwakklin 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

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

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

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

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

SERBIA & MONTENEGRO

Bazis Grupa d.o.o.

Grcica 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.

Prievozska 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

✉ taller@aucasa.com

SWEDEN

Honda Nordic AB

Box 50583 - Väst kustvägen 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

SWITZERLAND

Honda Suisse S.A.

10, Route des Moulières

1214 Vemier - 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

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

UNITED KINGDOM

Honda (UK) Power Equipment

470 London Road

Slough - Berkshire, SL3 8QY

Tel. : +44 (0)845 200 8000

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

AUSTRALIA

Honda Australia Motorcycle and

Power Equipment Pty. Ltd

1954-1956 Hume Highway

Campbellfield Victoria 3061

Tel. : (03) 9270 1111

Fax : (03) 9270 1133

"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 macchine 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) Schalleistungsspiegel 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 OVERENSTEMMELEERKLARING	ΕΚ-Δήλωση συμμόρφωσης
1 Ondergetekende, 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 AUTORIZEREDE REPRÆSENTANT, ERKLÆRER HERMED AT MASKINEN, SOM ER BESKREVET NEDENFOR, OPFYLDER ALLE RELEVANTE BESTEMMELSER IFØLGE: * 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 παρόν 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 elektricititeit produceren c) Handelsbenaming d) Type e) Serienummer	BESKRIVELSE AF PRODUKTET a) FÆLLESBETEGNELSE Generator b) ANVENDELSE Produktion af elektricitet c) HANDELSBETEGNELSE	Περιγραφή μηχανήματος a) Γενική ονομασία Ηλεκτοπαραγωγό ζεύγος b) Λειτουργία για παραγωγή ηλεκτρικής ενέργειας c) Εμπιαρική ονομασία d) Τύπος e) Αριθμός σειράς παραγωγής
3 Fabrikant	PRODUCENT	Κατασκευαστής
4 Gemachtigde van de fabrikant	AUTORISERET REPRÆSENTANT	Εξουσιοδοτημένος αντιπρόσωπος
5 Refereert naar geharmoniseerde normen	REFERENCE TIL HARMONISEREDER STANDARDE	Αναφορά σε εναρμονισμένα πρότυπα
6 Andere normen of specificaties	ANDRE STANDARDE ELLER SPECIFIKATIONER	Λοιπά πρότυπα ή προδιαγραφές
7 Geluidsemissierichtlijn (openlucht) a) Gemeten geluidsvermogensniveau b) Gewaarborgd geluidsvermogensniveau c) Geluidsparemeter d) Conformiteitsbeoordelingsprocedure e) Aangemelde instantie	DIREKTIV OM STØJEMISSION FRA MASKINER TIL UDENDØRS BRUG a) MÅLT LYEFFEKTNIVEAU b) GARANTERET LYEFFEKTNIVEAU c) STØJPARAMETER d) PROCEDURE FOR OVERENSSTEMMELESVURDERING e) BEMYNDIGET ORGAN	Οδηγία επιπέδου θορύβου εξωτερικών χώρων a) Μετρηθείσα 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-förskrän 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 följer 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, în numele reprezentantului autorizat, declar prin prezenta faptul că echipamentul descris mai jos îndeplinește toate condițiile necesare din: * Directiva 98/37/EC, 2006/42/EC privind echipamentul * Directiva 2004/108/EC privind compatibilitatea electromagnetică * Directiva 2000/14/EC - 2005/88/EC privind poluarea fonică în spațiu deschis
2	Maskinbeskrivning a) Allmän benämning Elverk b) Funktion producera el c) Och varunamn 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 generică Motogenerator electric b) Domeniu de utilizare generarea energiei electrice c) Denumire comercială d) Tip e) Serie produs Producator
3	Tilverkare	Fabricante	Producator
4	Auktoriserad representant	Reprezentante autorizado	Reprezentantul Autorizat
5	referens till överensstämmande standarder	Referencia de los estándar armonizados	Referința la standardele armonizate
6	Andra standarder eller specifikationer	Otros estándar o especificaciones	Alte standarde sau norme
7	Direktiv för buller utomhus a) Uppmått ljudnivå b) Garanterad ljudnivå c) Buller parameter d) Ytterligare 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 fonică în spațiu închis a) Puterea acustică măsurată b) Putere acustică maxim garantată c) Indici poluare fonică d) Procedura de evaluare a conformității 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 ruído 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	Alllekirjoittanut, Piet Renneboog valtuutettu valmistajan edustaja, vakuuttaa täten että alla mainittu kone/tuote täyttää kaikki seuraavia määräyksiä: * Kone/direktiivi 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 prądowłórczy 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	VIITTTÄ YHTEISEIN STANDARDEIHIN
6	Outras normas ou especificações	Pozostałe normy i przepisy	MUU STANDARDI TAI TEKNISET TIEDOT
7	Directiva de ruído exterior a) Potência sonora medida b) Potência sonora garantida c) Parametro de ruído 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) Mittattu melutaso b) Todenmukainen melutaso c) Melu parametrit d) Yhdennämkäisuden arvioinnin menetelmä e) Tiedonantoelin
8	Feito em	Miejsce	TEHTY
9	Data	Data	PAIVÄMÄÄRÄ

	Hungarian	Czech	Latvian
	EK-megfelelőeségi nyilatkozata	EC – Prohlášení o shodě	EK atbilstības deklarācija
1	Alulírott Piet Renneboog, a gyártó cég törvényes képviselőjeként nyilatkozom, hogy az átalakult gyártott gép megfelel az összes, alább felsorolt direktívának: * 98/37/EC, 2006/42/EC Direktívának berendezésekre * 2004/108/EC Direktívának elektromágneses megfelelőeségre * 2000/14/EC - 2005/88/EC Direktívának kültérn zajszintre	Podpisaný Piet Renneboog, jako autorizovaná osoba zde potvrzuje, že stroj popsaný níže splňuje požadavky příslušných opatření: * Směrnice 98/37/ES, 2006/42/ES pro strojí 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, autorizēta pārstāvja vārdā, paziņo, ka zemaš aprakstītais mašīna, atbilst visām zemāk norādīto direktīvu prasībām: * Direktīva 98/37/EK, 2006/42/EK par mašīnām berendzesešakre * Direktīva 2004/108/EK attiecībā uz elektromagnētiskos savietojamību * Direktīva 2000/14/EK - 2005/88/EK par troksņa emisiju vidē
2	A gép leírása a) Általános megnevezés Aramfejlesztő b) Funkció elektromos áram előállítás c) Kereskedelmi név	Papís zařízení a) Všeobecné označení Elektrocentrála b) Funkce Výraba elektrické energie c) Obchodní název	Iekārta apraksts a) Vispārīgais nosaukums Ģenerators 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) Sērijas numurs
3	Gyártó	Výrobce	Ražotājs
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 noteikumi standarti vai specifikācijas
7	Külföldi zajsztint Direktíva a) Mért hangerő b) Zavartolt hangerő c) Zajsztint paraméter d) Megfelelőségi 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	Ārjo trokšņu Direktīva a) Izmērītā trokšņa līelums b) Pielaujamais trokšņa līelums c) Trokšņa parametri d) Atbilstības vērtējuma procedūra e) Informētā iestāde
8	Kelvezés helye	Podpisáno v	Vieta
9	Kelvezés ideje	Datum	Datums

	Slovak	Estonian	Slovenian
	ES vyhlásenie o zhode	EU vastavusdeklaratsioon	ES izjava o skladnosti
1	Dolupodpisany, Piet Renneboog, ako autorizovaný zástupca výrobcu, týmto vyhlasuje, že uvedeny strojčje je v zhode s nasledovnymi smernicami: * Smernica 98/37/ES, 2006/42/ES (Strojné zaradenia) * Smernica 2004/108/ES (Elektromagnetická kompatibilita) * Smernica 2000/14/ES - 2005/88/ES (Emisie hluku)	Käesolevaga kinnitab allakirjutatu, Piet Renneboogu, volitatud esindaja nimel, et allpool kirjeldatud masina vastab käikidele alljärgnevatel direktiivide sätetele: * Masinate direktiiv 98/37/EU, 2006/42/EU * Elektromagnetilise ühilduvuse direktiiv 2004/108/EU * Välistmõõra direktiiv 2000/14/EU - 2005/88/EU	Spodaj podpisani, Piet Renneboog, ki je pooblaščen 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	Seadmete 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	Pooblaščen predstavnik
5	Referencia k harmonizovaným štandardom	Vide ühtlustatud standardite	Upoštevani harmonizirani standardi
6	Ďalšie 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	Välismõõra direktiiv a) Mõõdetud helivõimsuse tase b) Lubatud helivõimsuse tase c) Mõõra parameeter d) Vastavushindamismenetlus e) Teavitatud asutus	Direktiva o hrupnosti a) Izmerjena zvočna moč b) Garantirana zvočna moč c) Parametar d) Postopek e) Postopek opravi
8	Miesto	Koht	Kraj
9	Datum	Kuupäev	Datum

	Lithuanian	Bulgarian	Norwegian
	EB atitikties deklaracija	EO декларация за съответствие	Samsvarserklæring
1	Igalotjoto atstovo vardu pasirašęs Piet Renneboog patvirtina, kad žemiau aprašyta mašina atitinka visas išvardintų direktyvų nuostatas: * Mechanizmtų direktyva 98/37/EB, 2006/42/EB * Elektromagnetinio suderinamumo direktyva 2004/108/EB * Triukšmo lauke direktyva 2000/14/EB - 2005/88/EB	Доулодисаният Пайът Ренебуг, от името на упълномощения представител, с настоящото декларира, 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	Samsvarserklæring Piet Renneboog på vegne av autorisert representant herved erklærer at maskinene beskrevet nedenfor innfrir relevant informasjon for feilgende forskrifter: * Maskindirektivet 98/37/EC, 2006/42/EC * Direktiv EMC: 2004/108/EC * Direktiv om støy utendørs 2000/14/EC - 2005/88/EC
2	Prietaiso aprašymas a) Bendras pavadinimas Generatorius b) Funkcija elektros energijos gavimas c) Komerčinis pavadinimas d) Tipas e) Serijos numeris	Описание на машините a) Общ 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	Igalotjotais 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) Išmatuotas garso galingumo lygis b) Garantuojamas garso galingumo lygis c) Triukšmo parametras d) Tipas e) Registructa įstaiga	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) Gjeldene kjøretøy/kropp/stamme/skrog
8	Vieta	Място на изготвяне	Sted
9	Data	Дата на изготвяне	Dato

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