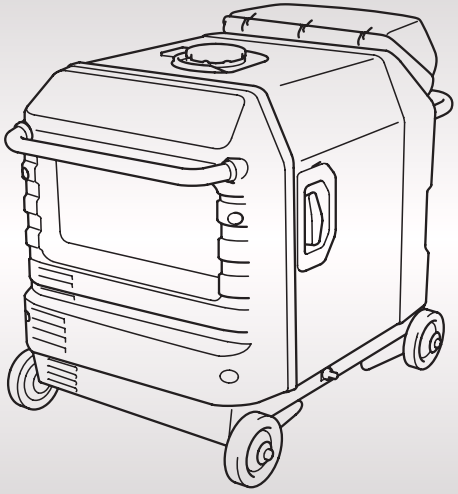
HONDA

GENERATOR
EU30i/EU30is



OWNER'S MANUAL
ग्राहक पुस्तिका

Honda India Power Products Limited

होण्डा इंडिया पॉवर प्रोडक्ट्स लिमिटेड

Need Help?
Call Toll Free
1800-11-2323

Honda EU30i/EU30is

OWNER'S MANUAL

ग्राहक पुस्तिका

Keep this owner's manual handy so that you can refer to it at any time. This owner's manual is considered a permanent part of the generator and should remain with the generator if resold.

The information and specifications included in this publication were in effect at the time of approval for printing. Honda India Power Products Ltd. reserves the right, however, to discontinue or change specifications or design at any time without notice and without incurring any obligation whatsoever.

Honda Selling Dealer

Name : _____

Address : _____

_____

Tel. No. : _____

P. I. C. Date : _____

Warranty valid upto : _____

Usage Type : Commercial ☐ Non-commercial ☐ Rental ☐

INTRODUCTION

Congratulations on your selection of a Honda generator. We are certain you will be pleased with your purchase of one of the finest generators in the market.

We want to help you get the best results from your new generator and to operate it safely. This manual contains all the information on how to do that; please read it carefully.

As you read this manual, you will find information preceded by a NOTICE symbol. That information is intended to help you avoid damage to your generator, other property, or the environment.

We suggest you read the warranty policy to fully understand its coverage and your responsibilities of ownership.

When your generator needs scheduled maintenance, keep in mind that your Honda servicing dealer is specially trained in servicing Honda generators. Your authorized Honda servicing dealer is dedicated to your satisfaction and will be pleased to answer your questions and concerns.

We welcome your valuable suggestions & feedback.

Kindly send your feedback to Marketing Manager:

Honda India Power Products Limited
Phone No.: 0120-2590100
e-mail : ho.mktg@hipp.co.in
Working Hours : 08:15 A.M. to 05:15 P.M. (Mon to Fri)

or else

contact our Customer Care Centre for Support :

Toll Free No. : 1800 11 2323
Working Hours : 09:00 A.M. to 07:00 P.M.
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Best Wishes,
Honda India Power Products Ltd.

To access information about Operations, Maintenance & Troubleshooting, please visit: www.hppsv.com/IND/ or scan

INTRODUCTION

A FEW WORDS ABOUT SAFETY

Your safety and the safety of others are very important. And using this generator safely is an important responsibility.

To help you make informed decisions about safety, we have provided operating procedures and other information on labels and in this manual. This information alerts you to potential hazards that could hurt you or others.

Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining a generator. You must use your own good judgement.

You will find important safety information in a variety of forms, including:

- **Safety Labels** — on the generator.
- **Safety Messages** — preceded by a safety alert symbol ⚠ and one of three signal words, DANGER, WARNING, or CAUTION.

  These signal words mean:

  ⚠ DANGER — You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.

  ⚠ WARNING — You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.

  ⚠ CAUTION — You CAN be HURT if you don't follow instructions.

- **Safety Headings** — such as *IMPORTANT SAFETY INFORMATION*.
- **Safety Section** — such as *GENERATOR SAFETY*.
- **Instructions** — how to use this generator correctly and safely.

This entire book is filled with important safety information — please read it carefully.

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CONTENTS

CONTENTS

GENERATOR SAFETY

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.

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.

Carbon Monoxide Hazards

A generator's exhaust contains toxic carbon monoxide, which you cannot see or smell. Breathing carbon monoxide can KILL YOU IN MINUTES. To avoid carbon monoxide poisoning, follow these instructions when operating a generator:

- Only run a generator OUTSIDE, far away from windows, doors, and vents.
- Never operate a generator inside a house, garage, basement, crawl space, or any enclosed or partially enclosed space.
- Never operate a generator near open doors or windows.
- Get fresh air and seek medical attention immediately if you suspect you have inhaled carbon monoxide.

Early symptoms of carbon monoxide exposure include headache, fatigue, shortness of breath, nausea, and dizziness. Continued exposure to carbon monoxide can cause loss of muscular coordination, loss of consciousness, and then death.

Electric Shock Hazards

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

- Do not use in wet conditions. Keep the generator dry.
  – Do not use in the rain or snow.
  – Do not use near a pool or a sprinkler system.
  – Do not use when your hands are wet.

- 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.

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

- Use only a Honda approved parallel operation cable kit (optional equipment) when connecting two EU30is/30i generators for parallel operation.

- Never connect different generator models.

Fire and Burn Hazards

- The exhaust system gets hot enough to ignite some materials.
  – Keep the generator at least 1 meter away from buildings and other equipment during operation.
  – Do not enclose the generator in any structure.
  – Keep flammable materials away from 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.

GENERATOR SAFETY

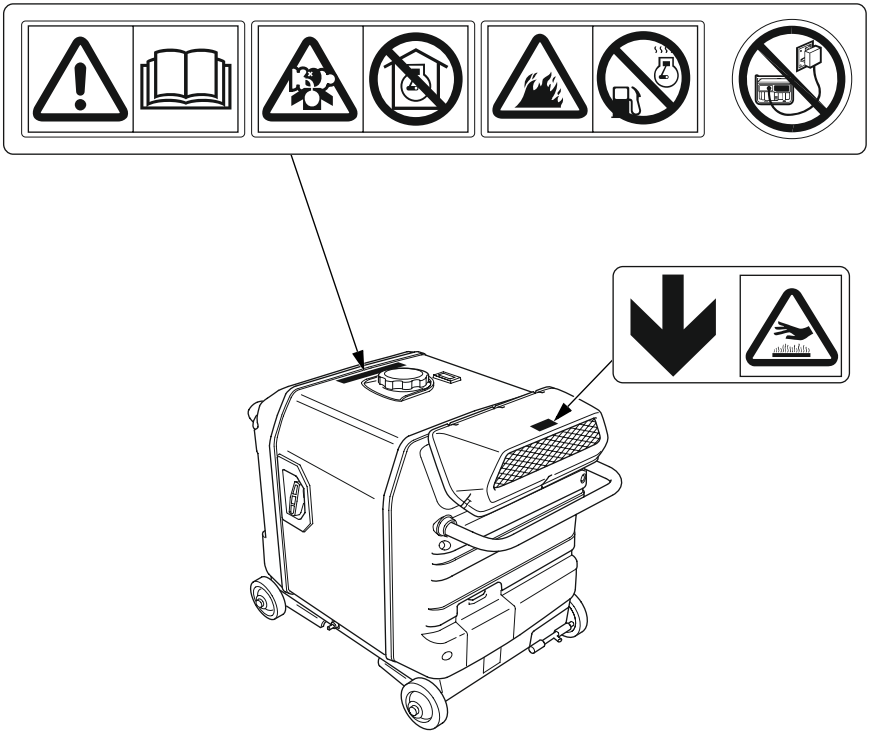
Refuel With Care

Petrol is extremely flammable, and petrol 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 refuel during operation.
Do not overfill the fuel tank.
Never smoke near petrol, and keep other flames and sparks away.
Always store petrol in an approved container.
Make sure that any spilled fuel has been wiped up before starting the engine.

SAFETY LABEL LOCATIONS

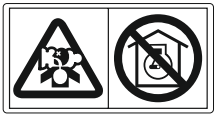
These labels warn you of potential hazards that can cause serious injury. Read them carefully.

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



GENERATOR SAFETY

- 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.

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

- **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.

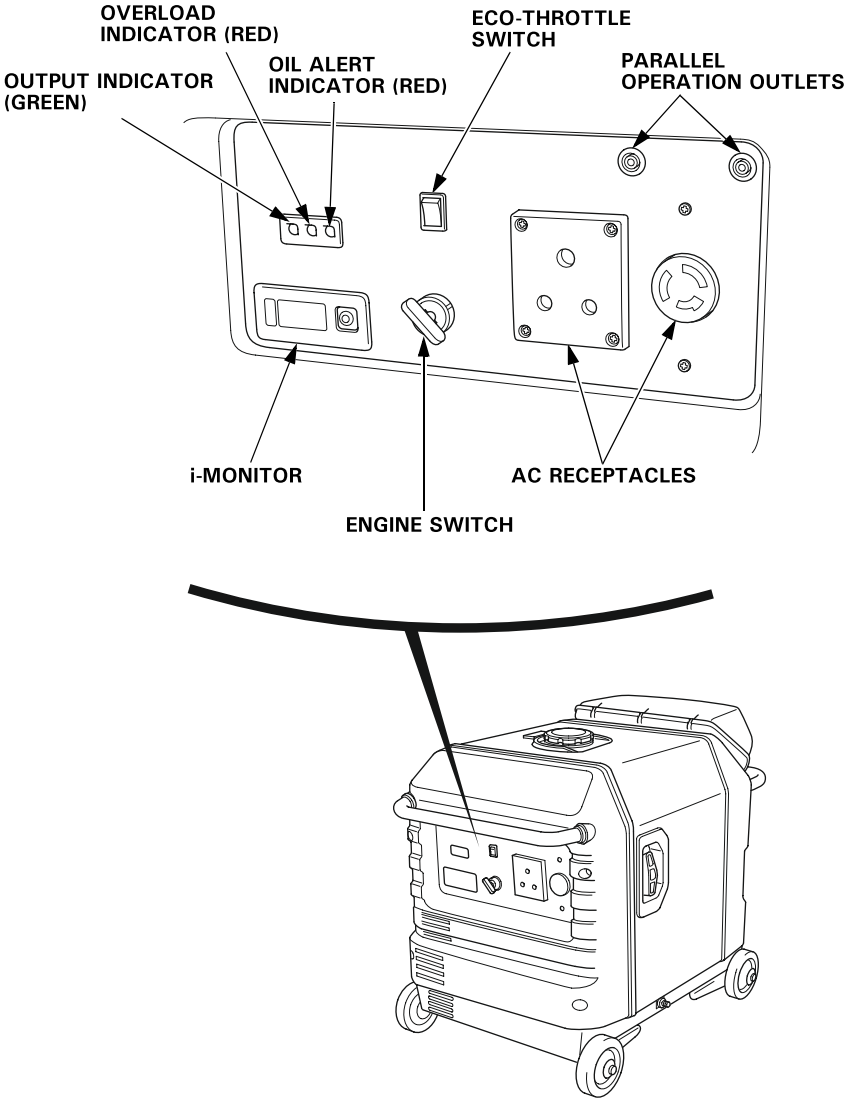
- **A hot exhaust system can cause serious burns. Avoid contact if the engine has been running.**

CONTROLS & FEATURES

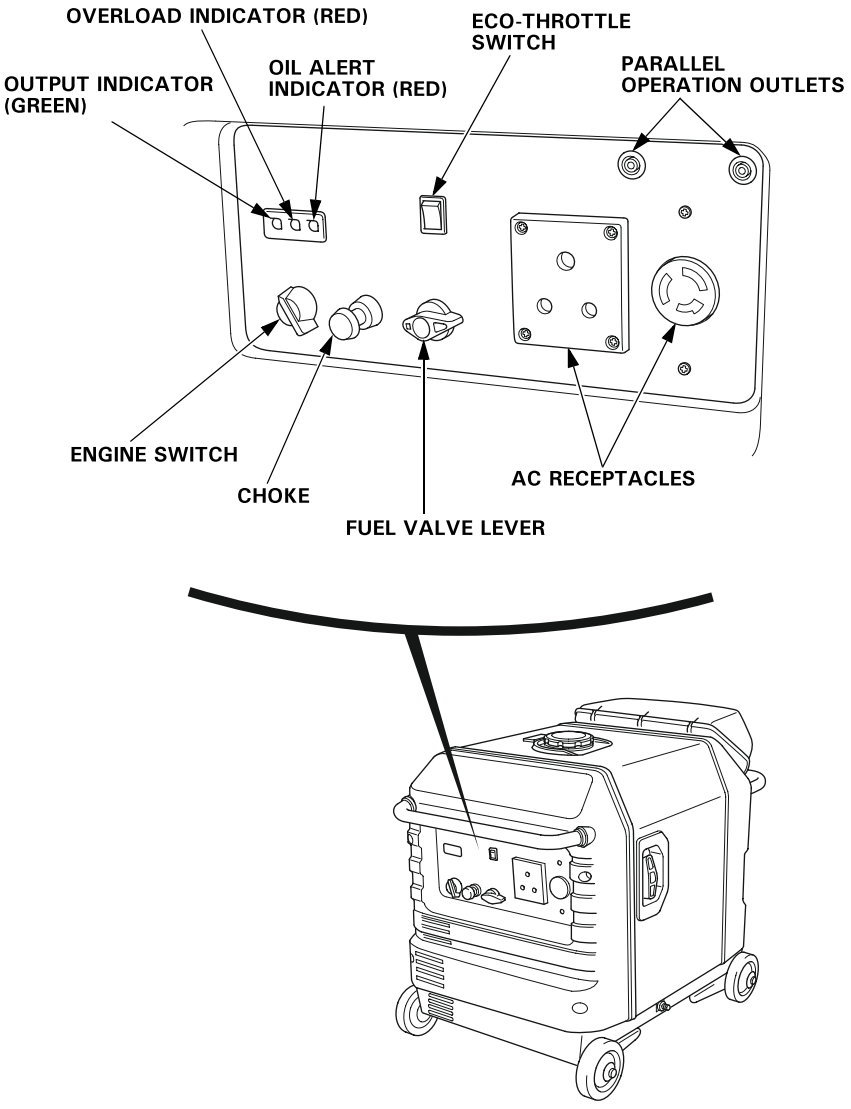
COMPONENT & CONTROL LOCATIONS

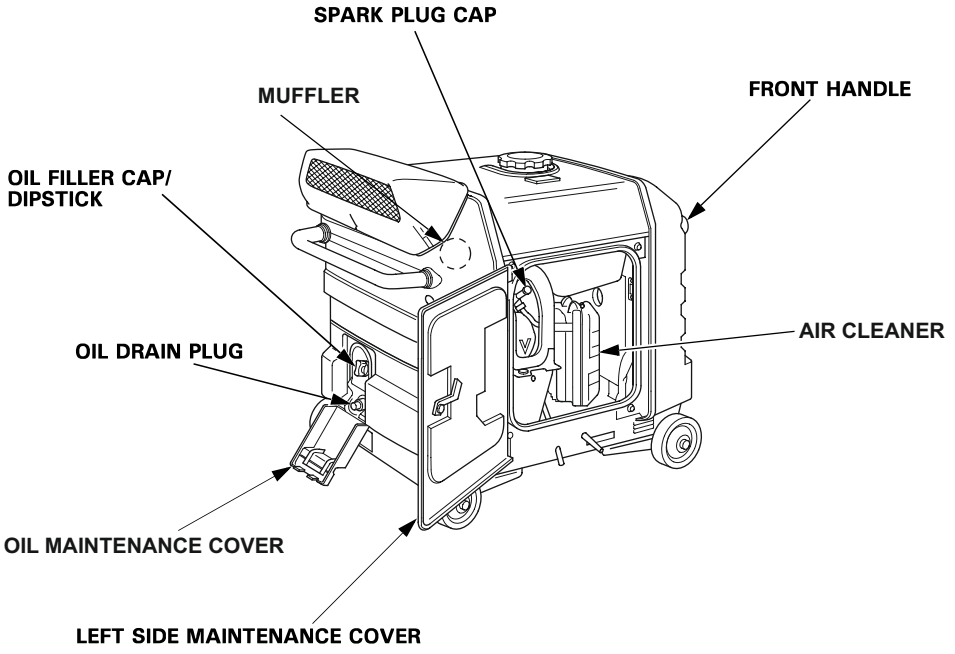
Use the illustrations on these pages to locate and identify the most frequently used controls.

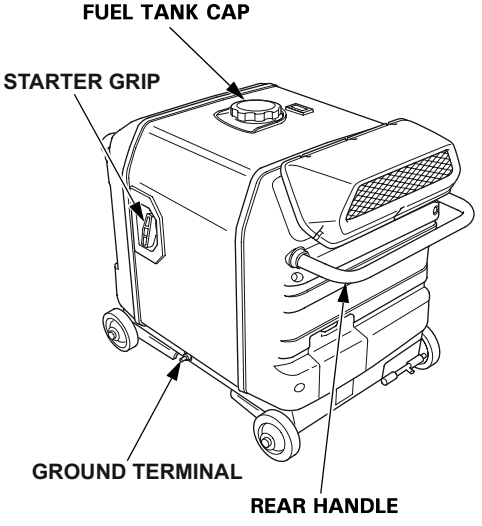
(EU30is)

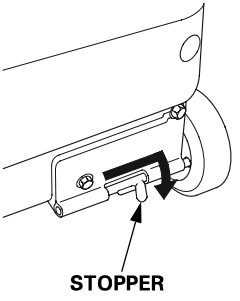


(EU30i)


OVERLOAD INDICATOR (RED)
ECO-THROTTLE SWITCH
OIL ALERT INDICATOR (RED)
PARALLEL OPERATION OUTLETS
OUTPUT INDICATOR (GREEN)
ENGINE SWITCH
CHOKE
FUEL VALVE LEVER
AC RECEPTACLES



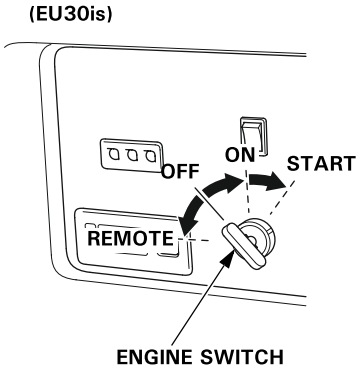




Raise the stopper lever and slide the stopper in the direction of the arrow so that it enters the hole in the wheel and then lower the stopper lever. Confirm that the wheel is locked.

CONTROLS

Engine Switch



The engine switch controls the ignition system, and it operates the electric starter.

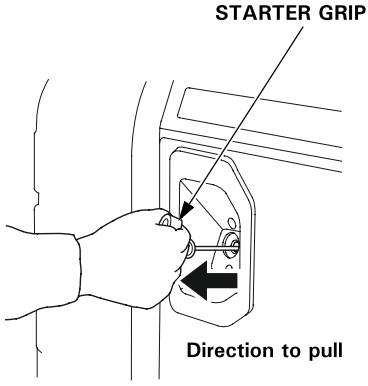
OFF – Stops the engine. The engine switch key can be removed/inserted.

ON – Running position, and for starting with the recoil starter.

START – Operates the electric starter.

REMOTE – For using the remote control kit (optional parts).

Starter Grip



Used when the battery voltage is too low to turn the starter motor. Pulling the starter grip operates the recoil starter to crank the engine.

NOTICE

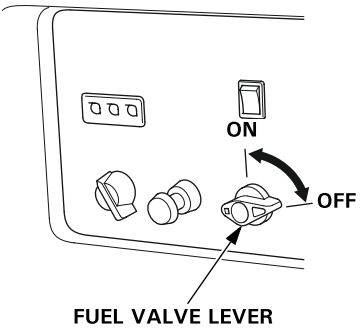
Do not allow the starter grip to snap back against the generator. Return it gently to prevent damage to the starter.

Fuel Valve Lever (EU30i)

The fuel valve lever is located on the control panel.

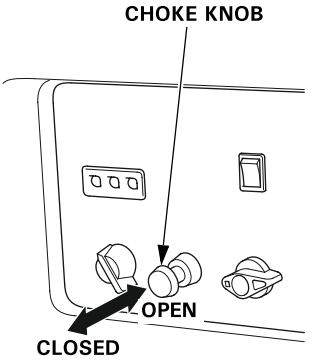
The fuel valve must be in the ON position for the engine to run.

After stopping the engine, turn the fuel valve to the OFF position.



Choke Knob (EU30i)

The choke is used to provide proper starting mixture when the engine is cold. It can be opened and closed by operating the choke knob manually. Move the choke knob to the closed position to enrich the mixture for cold starting.

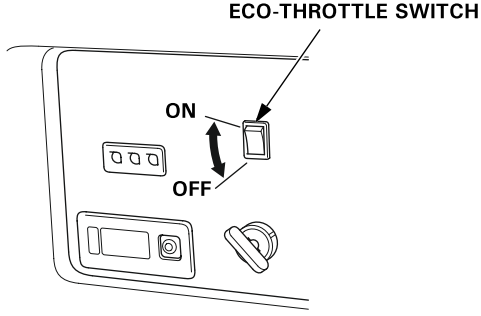


Eco-Throttle Switch

The Eco-Throttle system automatically reduces engine speed when loads are turned off or disconnected. When appliances are turned on or reconnected, the engine returns to the proper speed to power the electrical load.

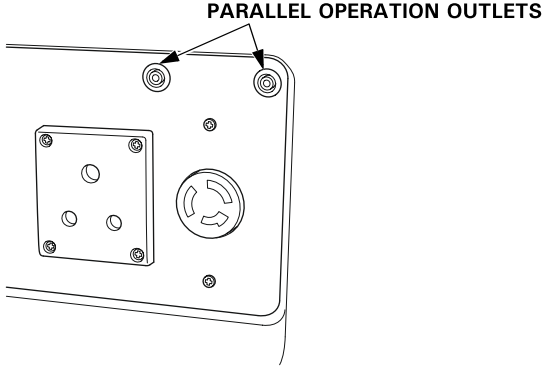
If high electrical loads are connected simultaneously, turn the Eco-Throttle switch to the OFF position to reduce voltage changes.

ON: Recommended to minimize fuel consumption and further reduce noise levels when less than a full load is applied to the generator.
OFF: The Eco-Throttle system does not operate. Generator operates at full speed.



Parallel Operation Outlets

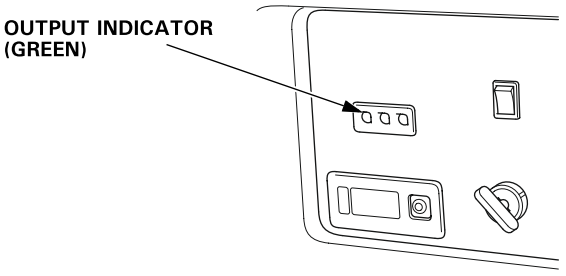
These outlets are used for connecting two EU30is/30i generators for parallel operation (see page 37). A Honda approved parallel operation cable kit (optional equipment) is required for parallel operation. This kit can be purchased from an authorized Honda generator dealer.



FEATURES

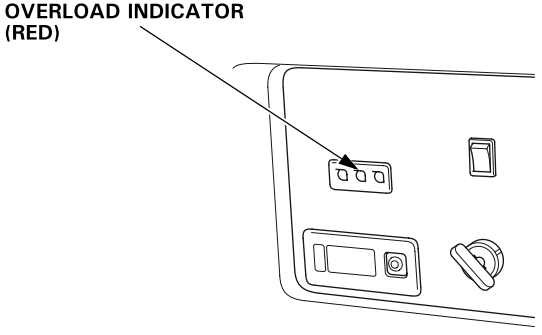
Output Indicator

The output indicator (green) is illuminated when the generator is operating normally. It indicates that the generator is producing electrical power at the receptacles.



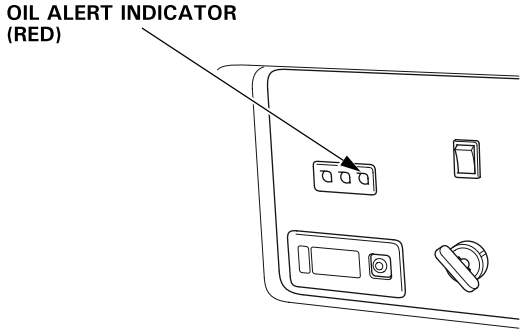
Overload Indicator

If the generator is overloaded (in excess of 3.0 kVA), or if there is a short circuit in a connected appliance, the overload indicator (red) will come ON. The overload indicator (red) will stay ON, and after about four seconds, current to the connected appliance(s) will shut off, and the output indicator (green) will go OFF. However, the engine will continue to run.



Oil Alert Indicator

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 can fall below a safe limit, the Oil Alert indicator (red) comes on and the Oil Alert system automatically will stop the engine (the engine switch will remain in the ON position).
If the engine stops or the Oil Alert indicator (red) comes on when you turn the engine switch to START position or pull the starter grip, check the engine oil level (see page 49) before troubleshooting in other areas.



(EU30is only)

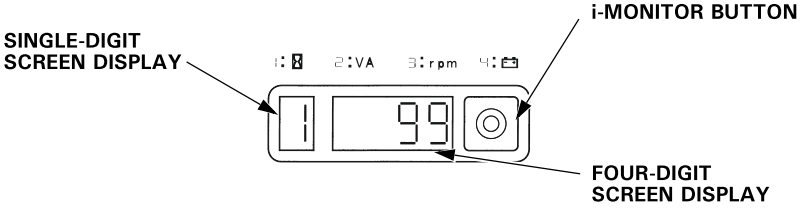
i-Monitor
The i-Monitor is a user interface that allows the operator to view (when the generator is running) total operating time in hours, generator output, engine RPM, battery voltage, and error messages. The different display modes are selected by pressing the i-Monitor button.

i-Monitor at Startup
During start up, the i-Monitor display and all three indicators will simultaneously blink once. The condition of the i-Monitor display and all three indicators can be checked. Once the generator is running, the green Output indicator and the i-Monitor display will remain lit.

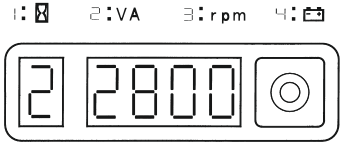
Display Backlight Flashes
If the key is left in the ON position for over 30 seconds without starting the engine, the display will start to flash.

i-Monitor Display
The i-Monitor display is divided into two screens. The single-digit screen displays the i-Monitor mode, which is represented by a number 1 through 4. The four-digit screen displays the four mode values or any activated error messages.

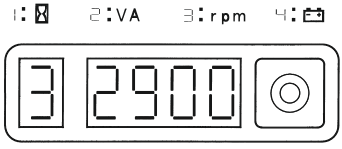
i-Monitor Display Mode 1 – Total Operating Hours
This mode displays the total operating hours of the generator. When the generator is running, the total operating time accumulates. If the total operating time is less than one hour, the numeric display will be ''0.'' When the operating time is one hour or greater, the display will be ''1'' or ''2'' and so on. Base the generator's maintenance schedule on the accumulated time displayed.



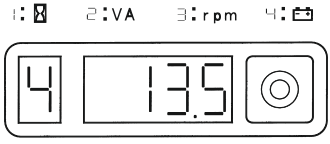
i-Monitor Display Mode 2 – Power Output
This mode displays an approximate generator output on the display screen. The output is expressed in VA (volt-amperes). The output value is not an exact measurement and should be regarded as a reference only. Power output will not display until a load is connected to the generator.



i-Monitor Display Mode 3 – Engine RPM
When the i-Monitor is in this mode, the engine's speed, expressed in revolutions-per-minute (RPM), is displayed.

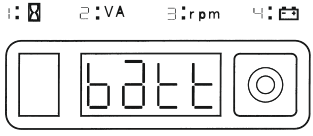


i-Monitor Display Mode 4 – Battery Voltage
This mode displays the battery condition, expressed in Volts DC.



i-Monitor Low Battery Message

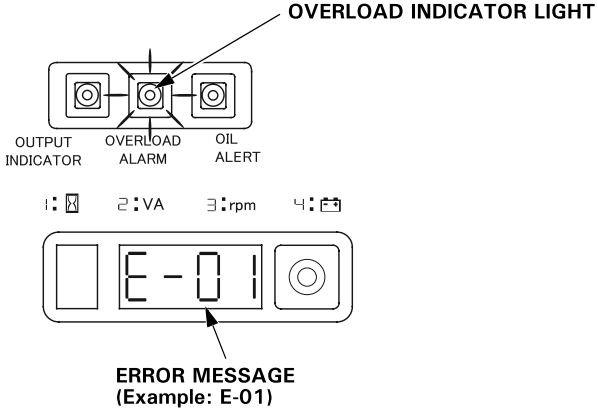
If the engine switch is turned to the START position and ''batt'' is shown on the i-Monitor display, the battery voltage is too low to operate the engine's electric starter. Use the recoil starter to start the generator. Have the battery recharged and checked (see page 60).



i-Monitor System Error Messages

If the generator has a system malfunction, it will show an error message on the i-Monitor display. During remote control operation, an E-01 error message may display if the starter button is pressed for more than 10 seconds. With an E-01 error message, the engine will stay running and the electrical output may stay constant.

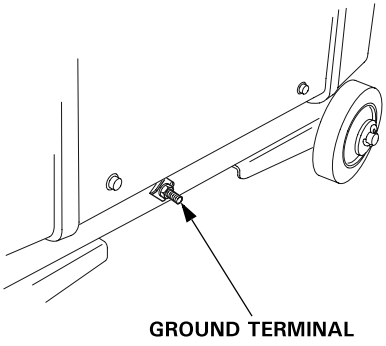
Normal remote control operation will be restored after the E-01 error message clears automatically. If the E-01 error message does not clear automatically or if any other error message displays, contact an authorized Honda generator dealer.



Ground Terminal

The generator ground terminal is connected to the frame of the generator, the metal non-current-carrying parts of the generator, and the ground terminals of each receptacle.

Before using the ground terminal, consult a qualified electrician, electrical inspector, or local agency having jurisdiction for local codes or ordinances that apply to the intended use of the generator.



BEFORE OPERATION

ARE YOU READY TO GET STARTED?

Your safety is your responsibility. A little time spent in preparation will significantly reduce your risk of injury.

Knowledge

Read and understand this manual. Know what the controls do and how to operate them.

Familiarize yourself with the generator and its operation before you begin using it. Know how to quickly shut off the generator in case of an emergency.

If the generator is being used to power appliances, be sure that they do not exceed the generator's load rating (see pages 36 and 40).

IS YOUR GENERATOR READY TO GO?

For your safety, to ensure compliance with environmental regulations, and to maximize the service life of your equipment, it is very important to take a few moments before you operate the generator to check its condition. Be sure to take care of any problem you find, or have your authorised Honda servicing dealer correct it, before you operate the generator.

⚠ WARNING

Improperly maintaining this generator, or failing to correct a problem before operation, could cause a malfunction in which you could be seriously injured.

Always perform a pre-operation inspection before each operation, and correct any problem.

To prevent a possible fire, keep the generator at least 1 meter away from building walls and other equipment during operation. Do not place flammable objects close to the engine.

Before beginning your pre-operation checks, be sure the generator is on a level surface and the engine switch is in the OFF position.

NOTICE

Operating this generator less than 1 meter from a building or other obstruction can cause overheating and damage the generator.
For proper cooling, allow at least 1 meter of empty space above and around the generator.

Check the Engine

- Before each use, look around and underneath the engine for signs of oil or petrol leaks.
- Check the oil level (see page 49). A low oil level will cause the Oil Alert system to shut down the engine.
- Check the air filter (see page 52). A dirty air filter will restrict air flow to the carburetor, reducing engine and generator performance.
- Check the fuel level (see page 47). Starting with a full tank will help to eliminate or reduce operating interruptions for refueling.

OPERATION

SAFE OPERATING PRECAUTIONS

Before operating the generator for the first time, review chapters *GENERATOR SAFETY* (see page 6) and *BEFORE OPERATION* (see page 24).

For your safety, do not operate the generator in an enclosed area such as a garage. Your generator's exhaust contains poisonous carbon monoxide gas that can collect rapidly in an enclosed area and cause illness or death.

⚠WARNING

Exhaust contains poisonous carbon monoxide gas that can build up to dangerous levels in closed areas. Breathing carbon monoxide can cause unconsciousness or death.

Never run the generator in a closed, or even partly closed area where people may be present.

Before connecting an AC appliance or power cord to the generator:

- Use grounded 3-prong extension cords, tools, and appliances, or double-insulated tools and appliances.
- Inspect cords and plugs, and replace if damaged.
- Make sure that the appliance is in good working order. Faulty appliances or power cords can create a potential for electric shock.
- Make sure the electrical rating of the tool or appliance does not exceed the rated power of the generator or the receptacle being used.
- Operate the generator at least 1 meter away from buildings and other equipment.
- Do not operate the generator in an enclosed structure.
- Do not place flammable objects close to the engine.

STARTING THE ENGINE

To prevent a possible fire, keep the generator at least 1 meter away from building walls and other equipment during operation. Do not place flammable objects close to the engine.

Refer to *SAFE OPERATING PRECAUTIONS* on page 26 and perform the *IS YOUR GENERATOR READY TO GO* checks (see page 24). Refer to *AC OPERATION* (see page 35) for connecting loads to the generator.

(EU30is only)

1. Make sure that all appliances connected to the generator are turned off. The generator may be hard to start if a load is connected.

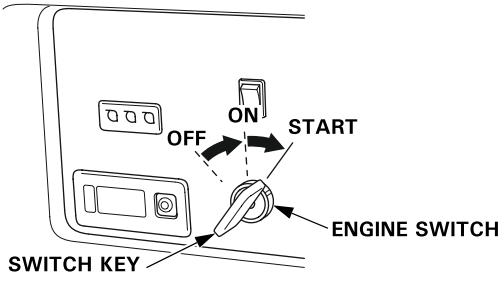
2. Make sure the Eco-Throttle switch is in the OFF position, or more time will be required for warm-up.

3. Turn the engine switch to the START position and hold it there until the engine starts.
   Release the key, allowing the switch to return to the ON position.
   If the engine fails to start within 5 seconds, release the key, and wait at least 10 seconds before starting again.

   NOTICE

   Using the electric starter for more than 5 seconds at a time will overheat the starter motor and can damage it.

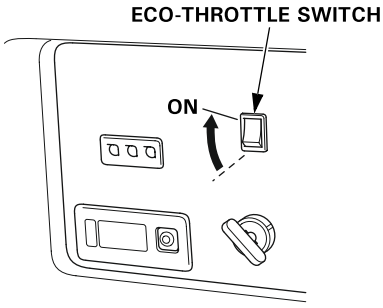
   Do not leave the engine switch in the ON position when the generator is not operating as the battery will discharge. Turn the engine switch to the OFF position when not in use.



   Use the recoil starter when the battery voltage is too low to turn the starter motor.

4. Release the switch when the engine starts.

5. If you wish to use the Eco-Throttle system, turn the Eco-Throttle switch to the ON position after the engine has warmed up for 2 or 3 minutes.



NOTICE

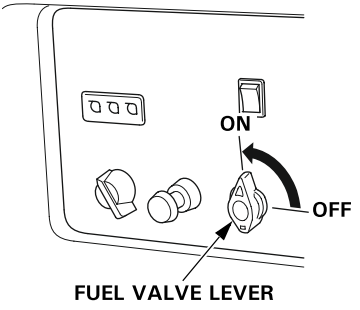
Since the Auto fuel cock opens when a vacuum develops in the engine, it is closed when the engine is stopped and when no cranking or rope pulling is being performed. Therefore, in the case of a new generator, it will take some time for the carburetor to fill before the engine starts. This may lead to delayed engine starts.

(EU30i only)

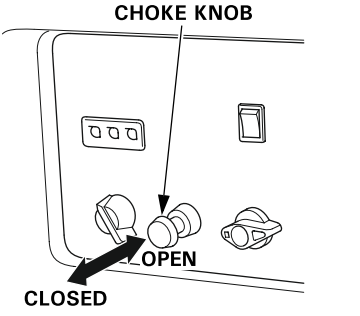
1. Make sure that all appliances connected to the generator are turned off. The generator may be hard to start if a load is connected.

2. Make sure the Eco-Throttle switch is in the OFF position, or more time will be required for warm-up.

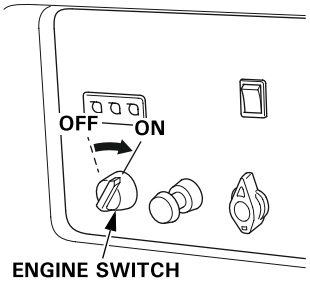
3. Turn the fuel valve lever to the ON position.



4. To start a cold engine, pull the choke knob out to the CLOSED position.
   To restart a warm engine, leave the choke knob in the OPEN position.



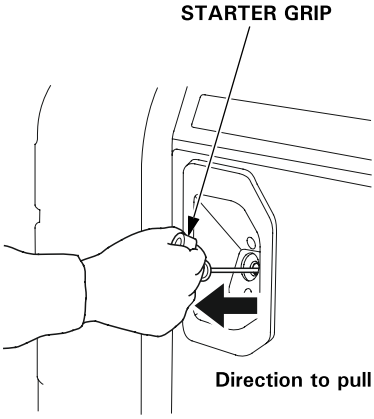
5. Turn the engine switch to the ON position.



6. Pull the starter grip lightly until you feel resistance; then pull briskly in the direction of the arrow as shown.

NOTICE

Do not allow the starter grip to snap back against the generator. Return it gently to prevent damage to the starter.

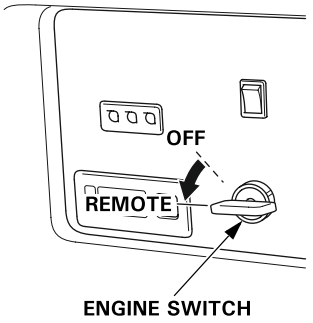


7. If the choke knob was moved to the CLOSED position to start the engine, gradually push it to the OPEN position as the engine warms up.

8. If you wish to use the Eco-Throttle system, turn the Eco-Throttle switch to the ON position after the engine has warmed up for 2 or 3 minutes.

Starting the engine with remote control (optional part)

1. Turn the engine switch to the REMOTE (far left) position.

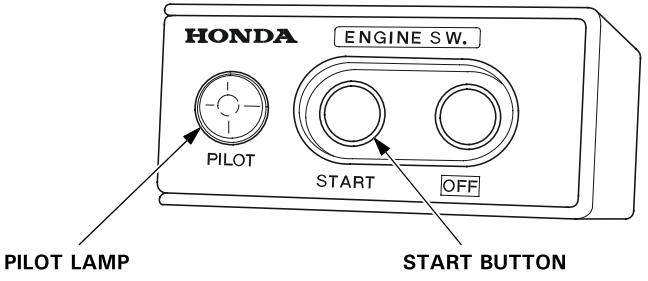


2. Press and hold the START button on the remote control until the PILOT lamp illuminates. The START button will automatically be disabled after the engine starts.

   If the engine fails to start within 5 seconds, release the button and wait at least 10 seconds before operating the starter again.

NOTICE

Using the electric starter for more than 5 seconds at a time will overheat the starter motor and can damage it.

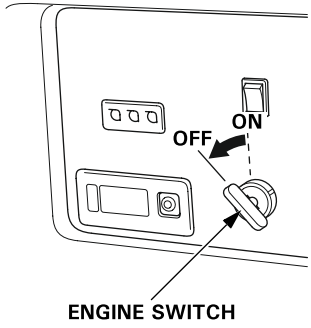


STOPPING THE ENGINE

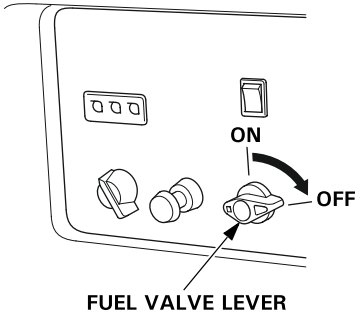
To stop the engine in an emergency, simply turn the engine switch to the OFF position. Under normal conditions, use the following procedure.

1. Turn off or disconnect all appliances that are connected to the generator or the parallel operation kit.

2. Turn the engine switch to the OFF position.
   Do not use the "remote" position to stop the engine when the remote cable is not connected.



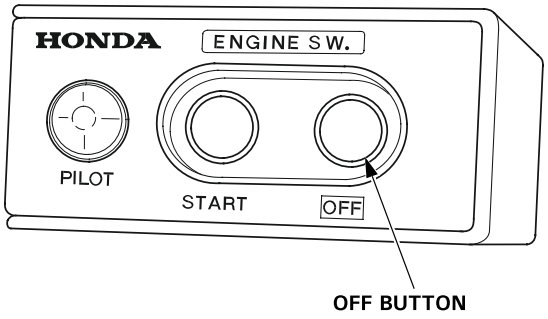
3. Turn the fuel valve lever to the OFF position. (EU30i)



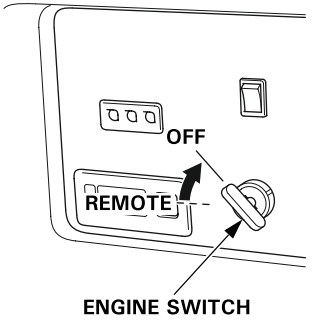
4. If two generators were connected for parallel operation, disconnect the parallel operation kit/receptacle assembly after stopping the engines if you do not wish to resume parallel operation.

Stopping the engine with remote control (optional part)

1. Press the OFF button.



If the generator work is done for the day, or the generator will not be used for a period, turn the engine switch to the OFF position.

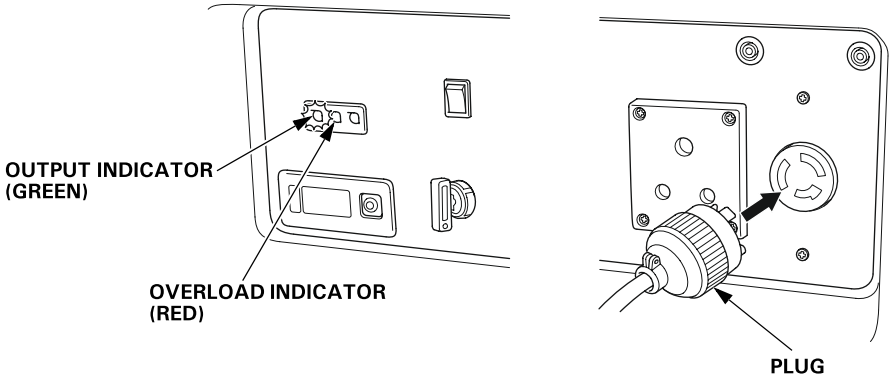


AC OPERATION

Before connecting an appliance to the generator, make sure that it is in good working order and that its electrical rating does not exceed that of the generator.
Most motorized appliances require more than their electrical rating for startup. When an electric motor is started, the overload indicator (red) may come on. This is normal if the overload indicator (red) goes off within 4 seconds. If the overload indicator (red) stays on, consult your authorised Honda generator dealer.

1. Start the engine (see page 27) and make sure the output indicator (green) comes on.

2. Plug in the appliance.



3. Turn on the appliance.

If the generator is overloaded (in excess of 3.0 kVA), if there is a short circuit in a connected appliance, or if the inverter is overheated, the overload indicator (red) will come ON. The overload indicator (red) will stay ON, and after about five seconds, current to the connected appliance(s) will shut off, and the output indicator (green) will go OFF. Stop the engine and investigate the problem.

Determine if the cause is a short circuit in a connected appliance, an overload, or an overheated inverter. Correct the problem and restart the generator.

AC Applications

Before connecting an appliance or power cord to the generator:

- Make sure that it is in good working order. A faulty appliance or power cord can create a potential for electrical shock.
- If an appliance begins to operate abnormally, becomes sluggish, or stops suddenly, turn it off immediately. Disconnect the appliance, and determine whether the problem is the appliance or the rated load capacity of the generator has been exceeded.
- Most appliance motors require more than their rated wattage for startup. Make sure the electrical rating of the tool or appliance does not exceed the maximum power rating of the generator.

Maximum power is:

3.0 kVA

For continuous operation, do not exceed the rated power.
Rated power is:

2.8 kVA

In either case, the total power requirements (VA) of all appliances connected must be considered. Appliance and power tool manufacturers usually list rating information near the model number or serial number.

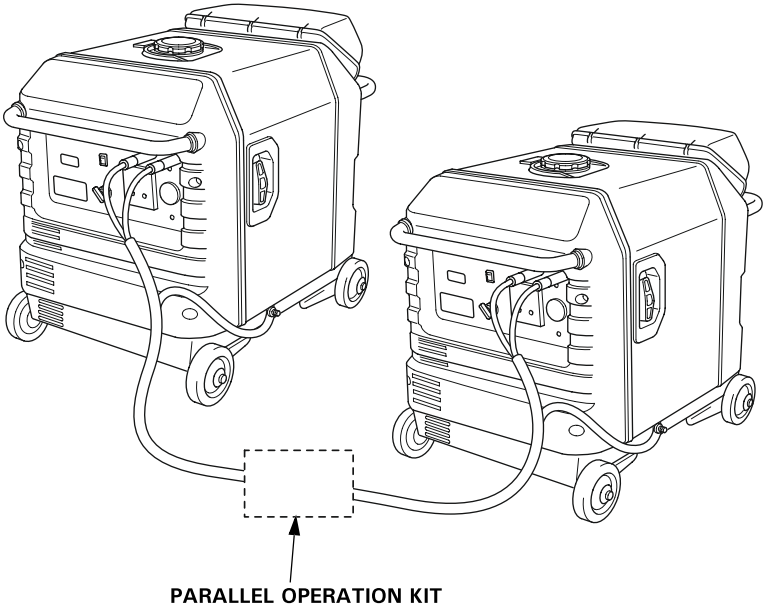
NOTICE

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

AC PARALLEL OPERATION

Before connecting an appliance to either generator, make sure that the appliance is in good working order and that its electrical rating does not exceed that of the receptacle.
Most motorized appliances require more than their electrical rating for startup. When an electric motor is started, the overload indicator (red) may come on. This is normal if the overload indicator (red) goes off within 4 seconds. If the overload indicator (red) stays on, consult your generator dealer.

1. Connect the parallel operation kit between the two EU30is/30i generators following the instructions supplied with the kit.



2. Start the generators (see page 27) and make sure the output indicator (green) on each generator comes on.

3. Plug in the appliance following the instruction provided with the parallel operation cable kit.

4. Turn on the appliance.

If the generators are overloaded (see page 40), or if there is a short circuit in a connected appliance, the overload indicator (red) will go ON. The overload indicator (red) will stay ON, and after about four seconds, current to the connected appliance(s) will shut off, and the output indicator (green) will go OFF. Stop the engines and investigate the problem.

Determine if the cause is a short circuit in a connected appliance, an overload, or an overheated inverter. Correct the problem and restart the generator.

AC Parallel Operation Applications

Follow the instructions included with the parallel operation cable kit.

Before connecting an appliance or power cord to the generator:

- Make sure that it is in good working order. A faulty appliance or power cord can create a potential for electrical shock.
- If an appliance begins to operate abnormally, becomes sluggish, or stops suddenly, turn it off immediately. Disconnect the appliance, and determine whether the problem is the appliance or the rated load capacity of the generator has been exceeded.
- Never connect different generator models and types.
- Use only a Honda approved parallel operation kit (optional equipment) when connecting two EU30is/30i generators for parallel operation.
- Never connect or remove the parallel operation kit when the generator is running.
- For single generator operation, the parallel operation kit must be removed.

Most appliance motors require more than their rated wattage for startup. Make sure the electrical rating of the tool or appliance does not exceed the maximum power rating of the generator.

Maximum power in parallel operation is:

6.0 kVA

For continuous operation, do not exceed the rated power.
Rated power in parallel operation is:

5.6 kVA

In either case, the total power requirements (VA) of all appliances connected must be considered. Appliance and power tool manufacturers usually list rating information near the model number or serial number.

NOTICE

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.

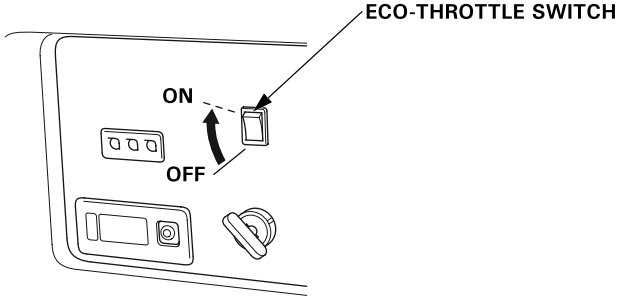
ECO-THROTTLE SYSTEM

With the switch in the ON position, engine speed is automatically lowered when loads are reduced, turned off, or disconnected. When appliances are turned on or reconnected, the engine returns to the proper speed to power the electrical load. In the OFF position, the Eco-Throttle system does not operate.

Appliances with large start-up power demands may not allow the engine to reach normal operating rpm when they are connected to the generator. Turn the Eco-Throttle switch to the OFF position and connect the appliance to the generator. If the engine still will not reach normal operating speed, check that the appliance does not exceed the rated load capacity of the generator.

If high electrical loads are connected simultaneously, turn the Eco-Throttle switch to the OFF position to reduce voltage changes.

The Eco-Throttle system is not effective for use with appliances or tools that require only momentary power. If the tool or appliance will be turned ON and OFF quickly, the Eco-Throttle switch should be in the OFF position.



STANDBY POWER

Connections to a Building's Electrical System

Connections for standby power to a building's electrical system must be made by a qualified electrician. The connection must isolate the generator power from utility power, and must comply with all applicable laws and electrical codes.

⚠WARNING

Improper connections to a building's electrical system can allow 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 the generator may explode, burn, or cause fires when utility power is restored.

Consult the utility company or a qualified electrician prior to making any power connections.

In some areas, generators are required by law to be registered with local utility companies. Check local regulations for proper registration and use procedures.

System Ground

Honda portable generators have a system ground that connects the generator frame components to the ground terminals in the AC output receptacles. The system ground is not connected to the AC neutral wire.

Special Requirements

NOTICE

Keep all cooling holes open and clear of debris, mud, water, etc. Cooling holes are located on the side panel, the control panel, and the bottom of the generator. If the cooling holes are blocked, the generator may overheat and damage the engine, inverter, or windings.

NOTICE

Do not lay the generator on its side when moving, storing, or operating it. Oil may leak and damage the engine or your property.

There may be regulations, local codes, or ordinances that apply to the intended use of the generator. Please consult a qualified electrician, electrical inspector, or the local agency having jurisdiction.

- In some areas, generators are required to be registered with local utility companies.
- If the generator is used at a construction site, there may be additional regulations that must be observed.

SERVICING YOUR GENERATOR

THE IMPORTANCE OF MAINTENANCE

Good maintenance is essential for safe, economical, and trouble free operation. It will also help reduce air pollution.

To help you properly care for your generator, the following pages include a maintenance schedule, routine inspection procedures, and simple maintenance procedures using basic hand tools. Other service tasks that are more difficult or require special tools are best handled by professionals and are normally performed by a Honda technician or other qualified mechanic.

The maintenance schedule applies to normal operating conditions. If you operate your generator under unusual conditions, such as sustained high-load or high-temperature operation, or use it in dusty conditions, consult your authorised Honda servicing dealer for recommendations applicable to your individual needs and use.

⚠WARNING

Improper maintenance, or failure to correct a problem before operation, can cause a malfunction in which you can be seriously hurt or killed.

Always follow the inspection and maintenance recommendations and schedules in this owner's manual.

Remember that your authorised Honda servicing dealer knows your generator best and is fully equipped to maintain and repair it.

To ensure the best quality and reliability, use only new, Honda Genuine parts or their equivalents for repair and replacement.

MAINTENANCE SAFETY

Some of the most important safety precautions follow. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

⚠WARNING

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

Always follow the procedures and precautions in the owner's manual.

Safety Precautions

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

– **Carbon monoxide poisoning from engine exhaust.**
Operate outside away from open windows or doors.

– **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.

- Read the instructions before you begin, and make sure you have the tools and skills required.
- To reduce the possibility of fire or explosion, be careful when working around petrol. Use only a non-flammable solvent, not petrol, to clean parts. Keep cigarettes, sparks, and flames away from all fuel-related parts.

MAINTENANCE SCHEDULE

REGULAR SERVICE PERIOD (3) Perform at every indicated month or operating hour interval, whichever comes first. / ITEM		Each use	First month or 20 Hrs.	Every 3 months or 50 Hrs.	Every 6 months or 100 Hrs.	Every year or 300 Hrs.	page
Engine oil	Check level	o					49
	Change		o		o		50
Air cleaner	Check	o					52
	Clean			o (1)			53
	Replace					o*	52
Sediment cup	Clean				o		56
Spark plug	Check-adjust				o		54
	Replace					o	54
Valve clearance	Check-adjust					o (2)	—
A.I. air filter	Clean					o (2)	—
A.I. case drain	Drain					o (2)	—
Combustion chamber	Clean	After every 500 Hrs. (2)					—
Fuel tank and filter	Clean					o (2)	—
Fuel tube	Check	Every 2 years (Replace if necessary) (2)					—

* Replace the paper air filter only.

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

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

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

This generator is equipped with a catalytic converter. If the engine is not properly maintained, the catalyst in the muffler may lose effectiveness.

REFUELING

With the engine stopped, remove the fuel tank cap and check the fuel level. Refill the fuel tank if the fuel level is low.

⚠WARNING

Petrol is highly flammable and explosive.

You can be burned or seriously injured when handling fuel.

- Stop the engine and keep heat, sparks, and flame away.
- Handle fuel only outdoors.
- Wipe up spills immediately.

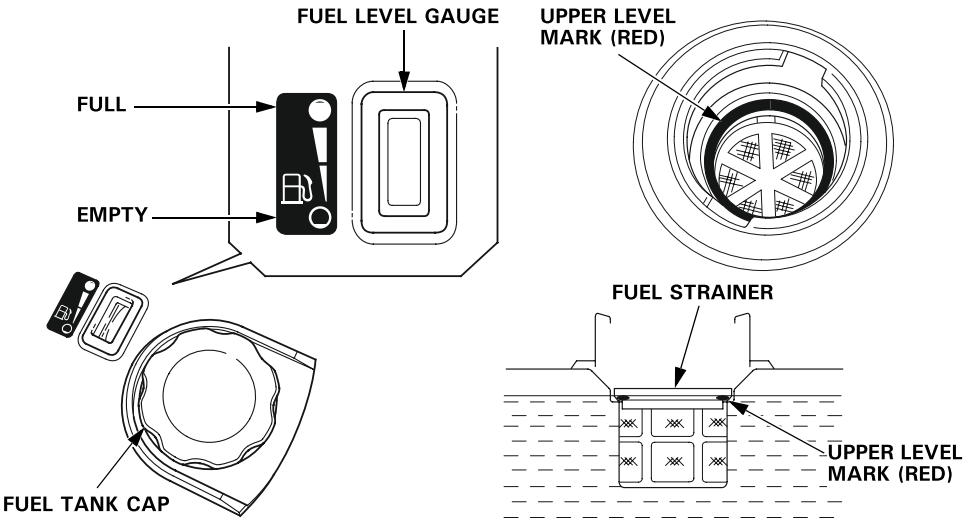
NOTICE

Fuel can damage paint and plastic. Be careful not to spill fuel when filling your fuel tank. Damage caused by spilled fuel is not covered under warranty.

Refuel in a well-ventilated area before starting the engine. If the engine has been running, allow it to cool. Refuel carefully to avoid spilling fuel. Do not fill above the upper level mark.

Never refuel the engine inside a building where petrol fumes may reach flames or sparks. Keep petrol away from appliance pilot lights, barbecues, electric appliances, power tools, etc.

Spilled fuel is not only a fire hazard, it causes environmental damage. Wipe up spills immediately.



After refueling, reinstall the fuel tank cap securely.

FUEL RECOMMENDATIONS

This engine is certified to operate on regular unleaded petrol with a research octane rating of 91 or higher.

Use unleaded petrol only, or the catalyzer will lose its effectiveness and negatively affect exhaust emissions.

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

You may use regular unleaded petrol containing ethanol from 10% to 20% by volume.

Use of fuels with content of ethanol greater than shown above may cause starting and/or performance problems. It may also damage metal, rubber, and plastic parts of the fuel system.

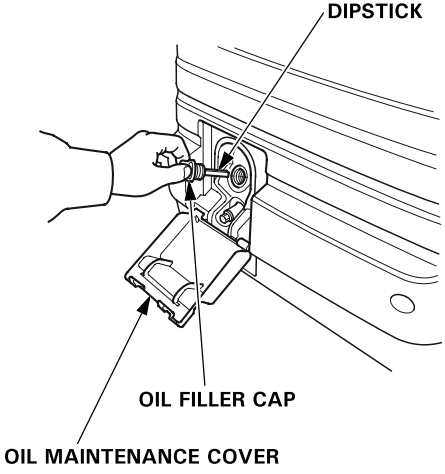
Engine damage or performance problems that result from using a fuel with percentages of ethanol greater than shown above and leaded petrol are not covered under warranty.

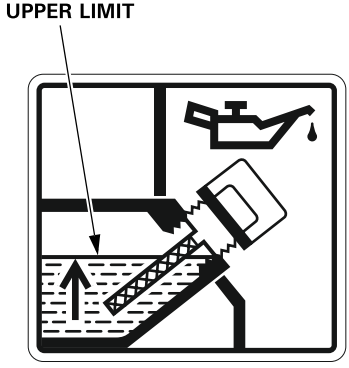
If your equipment will be used on an infrequent or intermittent basis, please refer to the fuel section of the *STORAGE* chapter (page 63) for additional information regarding fuel deterioration.

ENGINE OIL LEVEL CHECK

Check the oil level BEFORE EACH USE with the generator on a level surface and the engine stopped.

1. Open the oil maintenance cover.
2. Remove the oil filler cap and wipe the dipstick clean.
3. Check the oil level by inserting the dipstick into the filler neck without screwing it in.
4. If the oil level is low, fill to the upper limit of the oil filler neck with the recommended oil.
5. Reinstall the oil filler cap and tighten it securely.
6. Close and latch the oil maintenance cover.





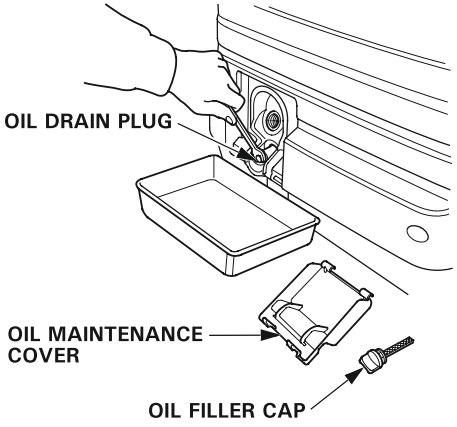
The Oil Alert system will automatically stop the engine before the oil level falls below safe limits. However, to avoid the inconvenience of an unexpected shutdown, check the oil level regularly.

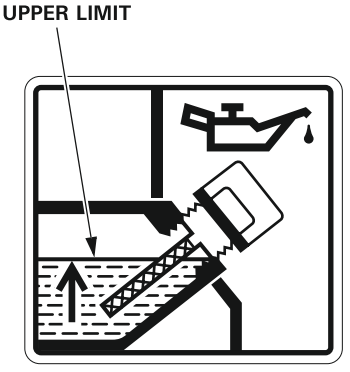
ENGINE OIL CHANGE

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

1. Open and remove the oil maintenance cover.
2. Place a suitable container below the engine to catch the oil, then remove the drain plug and sealing washer, remove the oil filler cap, and drain the oil.
3. Reinstall the oil drain plug and a new sealing washer. Tighten the plug securely.
4. Refill with the recommended oil (see page 51) and check the oil level.

   Maximum oil capacity: 0.55 L
5. Reinstall the oil filler cap and tighten it securely.
6. Reinstall, close, and latch the oil maintenance cover.





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

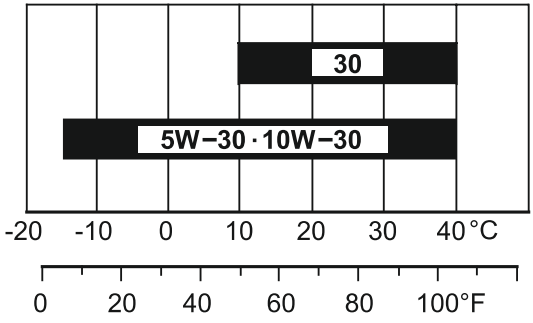
NOTICE

Improper disposal of engine oil can be harmful to the environment. If you change your own oil, please dispose of it properly. Put it in a sealed container, and take it to a recycling center. Do not discard it in a trash bin, dump it on the ground, or pour it down a drain.

ENGINE OIL RECOMMENDATIONS

Oil is a major factor affecting performance and service life. Use PRO HONDA GENUINE 4-STROKE Engine oil.

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.



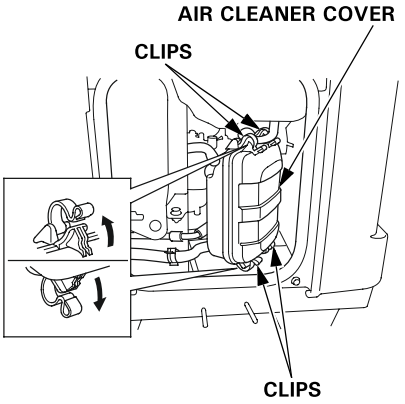
AMBIENT TEMPERATURE

The SAE oil viscosity and service category are in the API label on the oil container. Honda recommends that you use API service category SF or later (or equivalent) oil.

AIR CLEANER SERVICE

1. Use a screwdriver to loosen the latch and open the left side maintenance cover.

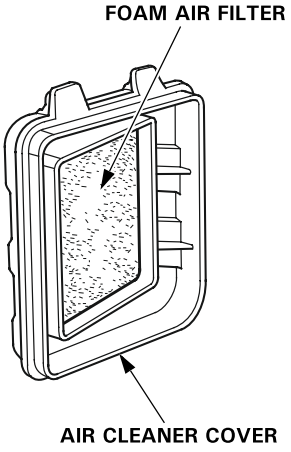
2. Unsnap the air cleaner cover clips, and remove the air cleaner cover.



3. Check the foam air filter and paper air filter to be sure they are clean and in good condition. If the foam air filter is dirty, clean it as described on page 53. Replace the foam air filter if it is damaged.
   If the paper air filter is dirty, replace it with a new one. Do not clean the paper air filter.

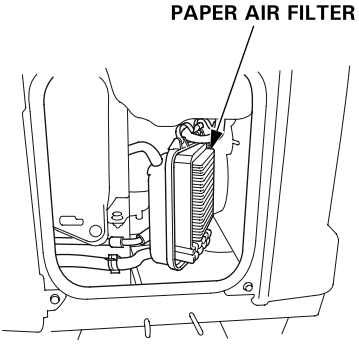
4. Reinstall the air cleaner cover.

5. Close and latch the left side maintenance cover.



NOTICE

Operating the engine without an air filter or with a damaged air filter will allow dirt to enter the engine, causing rapid engine wear.

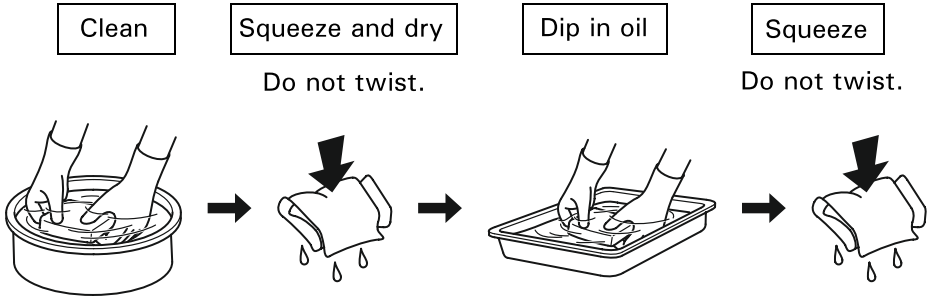


FOAM AIR FILTER CLEANING

A dirty foam air filter will restrict air flow to the carburetor, reducing engine performance. If you operate the generator in very dusty areas, clean the foam air filter more frequently than specified in the Maintenance Schedule.

1. Wash the foam air filter in a solution of household detergent and warm water, then rinse thoroughly, or wash in non-flammable or high flash point solvent. Allow the foam air filter to dry thoroughly.

2. Soak the foam air filter in clean engine oil and squeeze out the excess oil. The engine will smoke during initial startup if too much oil is left in the foam air filter.



3. Wipe dirt from the air cleaner housing and cover using a moist rag. Be careful to prevent dirt from entering the air duct that leads to the carburetor.

SPARK PLUG SERVICE

In order to service the spark plug, you will need a spark plug wrench (commercially available).

Recommended spark plugs: BPR6ES (NGK)

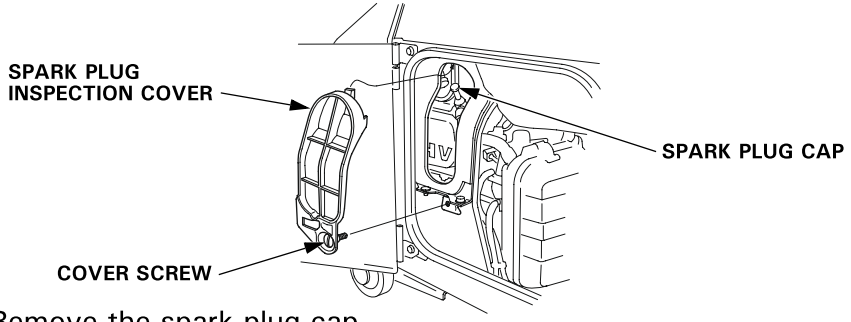
To ensure proper engine operation, the spark plug must be properly gapped and free of deposits.

NOTICE

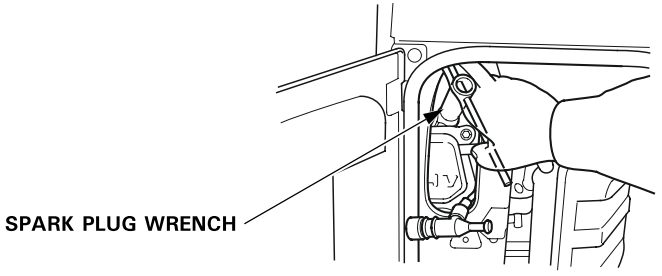
An incorrect spark plug can cause engine damage.

If the engine is hot, allow it to cool before servicing the spark plug.

1. Use a screwdriver to loosen the latch and open the left side maintenance cover.
2. Loosen the cover screw and remove the spark plug inspection cover.

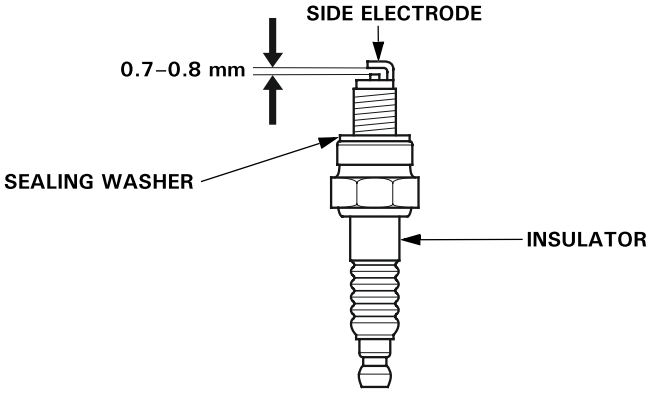


3. Remove the spark plug cap.
4. Clean any dirt from around the spark plug base.
5. Use a spark plug wrench to remove the spark plug.



6. Visually inspect the spark plug. Replace it if the electrodes are worn or if the insulator is cracked, chipped, or fouled.

7. Measure the spark plug electrode gap with a wire-type feeler gauge. Correct the gap, if necessary, by carefully bending the side electrode.
   The gap should be:
   0.7–0.8 mm



8. Check that the spark plug sealing washer is in good condition, and thread the spark plug in by hand to prevent cross-threading.

9. After the spark plug is seated, tighten with a spark plug wrench to compress the washer.

   If installing a new spark plug, tighten 1/2 turn after the spark plug seats to compress the washer. If reinstalling a used spark plug, tighten 1/8–1/4 turn after the spark plug seats to compress the washer.

NOTICE

A loose spark plug can overheat and damage the engine. Overtightening the spark plug can damage the threads in the cylinder head.

10. Attach the spark plug cap.

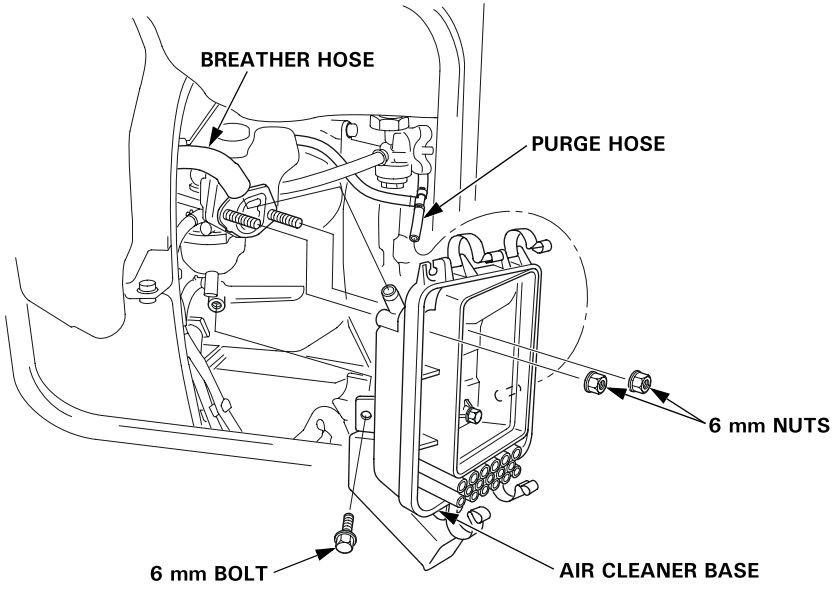
11. Reinstall the spark plug inspection cover and tighten the cover screw.

12. Close and latch the left side maintenance cover.

SEDIMENT CUP CLEANING

The sediment cup prevents water that 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. Turn the engine switch to the OFF position.
2. Turn the fuel valve lever to the OFF position. (EU30i only)
3. Use a screwdriver to loosen the latch and open the left side maintenance cover.
4. Remove the air cleaner cover and paper air filter (see page 52).
5. Disconnect the breather hose and purge hose (EU30is) from the air cleaner base.
6. Remove the 6 mm bolt and two 6 mm nuts, and remove the air cleaner base.



7. Unscrew the sediment cup.

⚠WARNING

Petrol is highly flammable and explosive.

You can be burned or seriously injured when handling fuel.

- Stop the engine and keep heat, sparks, and flame away.
- Handle fuel only outdoors.
- Wipe up spills immediately.

8. Clean the sediment cup in non-flammable or high flash point solvent.

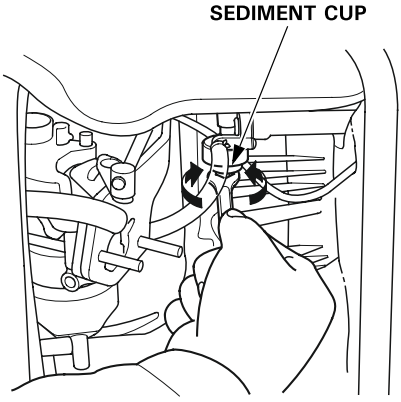
9. Reinstall a new O-ring and the sediment cup.

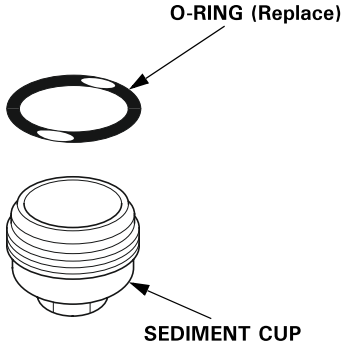
10. Turn the fuel valve to the ON position and check for leaks. (EU30i)

11. Reinstall the air cleaner base, and connect the breather hose and purge hose (EU30is) to the air cleaner base.

12. Reinstall the paper air filter and air cleaner cover.

13. Close and latch the left side maintenance cover.





BATTERY SERVICE (EU30is only)

Your generator's engine charging system charges the battery while the engine is running. However, if the generator is only used periodically, the battery must be charged monthly to maintain the battery service life.

⚠WARNING

The battery contains sulfuric acid (electrolyte), which is highly corrosive and poisonous. Getting electrolyte in your eyes or on your skin can cause serious burns.

Wear protective clothing and eye protection when working near the battery.
KEEP CHILDREN AWAY FROM THE BATTERY.

Emergency Procedures

Eyes — Flush with water from a cup or other container for at least fifteen minutes. (Water under pressure can damage the eye.)
Call a physician immediately.

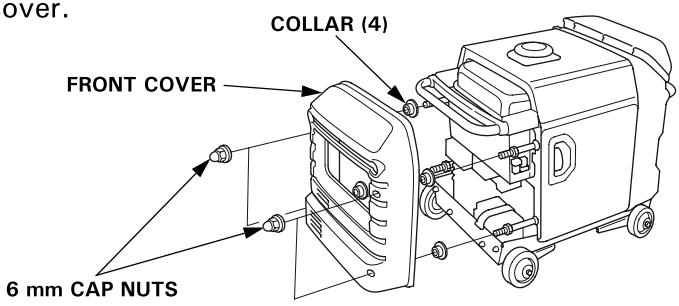
Skin — Remove contaminated clothing. Flush the skin with large quantities of water. Call a physician immediately.

Swallowing — Drink water or milk. Call a physician immediately.

Battery Removal

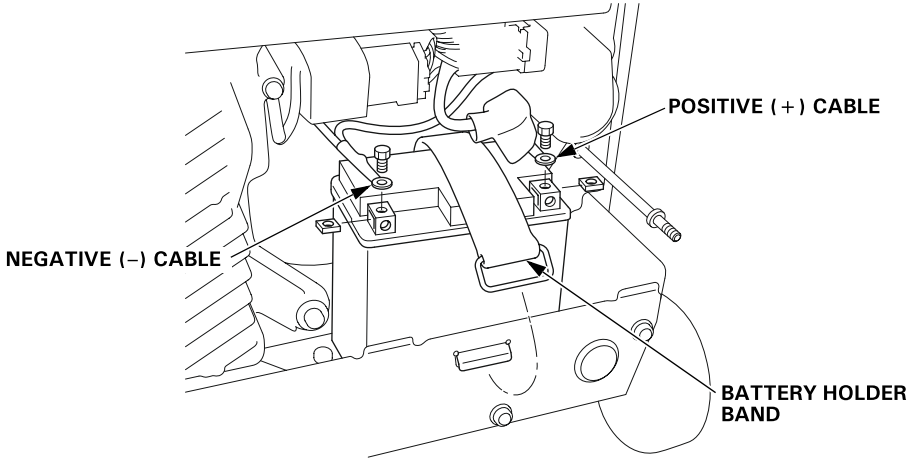
Battery posts, terminals, and related accessories contain lead and lead components. Wash hands after handling.

1. Remove the four 6 mm cap nuts, and remove the front cover.



2. Remove the battery holder band.

3. Remove the negative (–) cable from the battery negative (–) terminal, and then remove the positive (+) cable from the battery positive (+) terminal.



4. Remove the battery and the battery rubber from the battery tray.

Battery Charging

⚠WARNING

The battery will expel explosive hydrogen gas when overcharged.

A spark or flame can cause the battery to explode with enough force to kill or seriously hurt you.

Always use a regulated charger that provides the correct charging current to prevent overcharging.

Wear protective clothing and a face shield, or have a skilled mechanic perform the battery maintenance.

The battery is rated at 7.0 Ah (ampere-hours). Charging current should equal 10% of the battery's ampere-hour rating. A battery charger should be used that can be adjusted to deliver 0.7 amps.

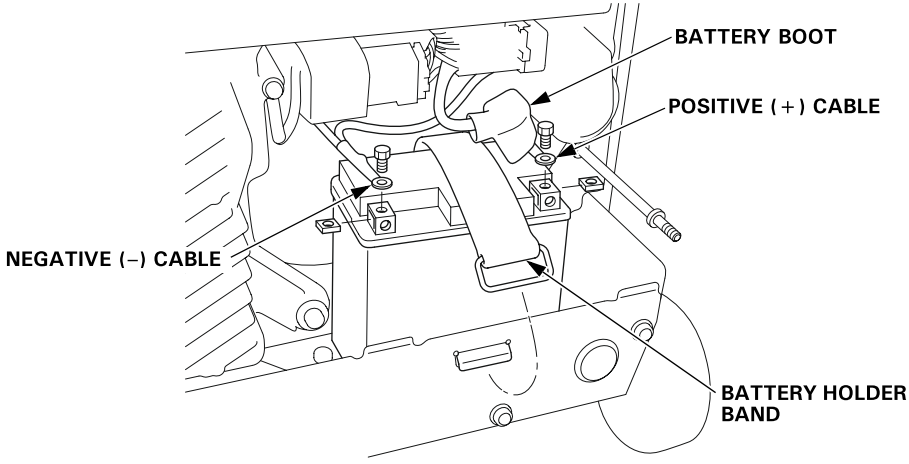
1. Connect the battery charger following the manufacturer's instructions.

2. Charge the battery 3—4 hours.

3. Clean the outside of the battery and the battery tray compartment with a solution of baking soda and water.

Battery Installation

1. Install the battery in the generator.
2. Connect the battery positive (+) cable to the battery positive (+) terminal first and tighten the bolt securely.
3. Slide the battery boot over the positive (+) cable and terminal.
4. Connect the battery negative (–) cable to the battery negative (–) terminal, and tighten the bolt securely.
5. Install the battery rubber and the battery holder band.
6. Install the front cover, and install the four 6 mm cap nuts, making sure the four collared washers are placed in the rubber grommets inside the cover.

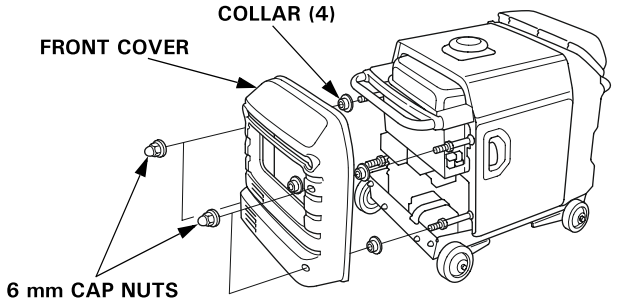


FUSE (EU30is only)

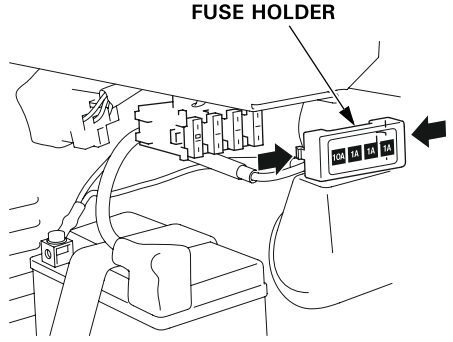
If the fuse is blown, the starter motor won't operate.

1. Turn the engine switch to the OFF position.

2. Remove the four 6 mm cap nuts and the front cover.



3. Remove the fuse holder cover and replace the fuse.
   The specified fuse are 10A, 1A, 1A, 1A.



If frequent fuse failure occurs, determine the cause and correct the problem before attempting to operate the generator further.

NOTICE

Never use a fuse with a different rating from that specified. Serious damage to the electrical system or fire may result.

STORAGE

STORAGE PREPARATION

Proper storage preparation is essential for keeping your generator trouble-free and looking good. The following steps will help to keep rust and corrosion from impairing your generator's function and appearance, and will make the engine easier to start when you use the generator again.

Cleaning

Wipe the generator with a moist cloth. After the generator has dried, touch up any damaged paint, and coat other areas that may rust with a light film of oil.

Fuel

NOTICE

Depending on the region where you operate your equipment, fuel formulations may deteriorate and oxidize rapidly. Fuel deterioration and oxidation can occur in as little as 30 days and may cause damage to the carburetor and/or fuel system. Please check with your authorised Honda servicing dealer for local storage recommendations.

Petrol will oxidize and deteriorate in storage. Old petrol will cause hard starting, and it leaves gum deposits that clog the fuel system. If the petrol in your generator deteriorates during storage, you may need to have the carburetor and other fuel system components serviced or replaced.
The length of time that petrol can be left in your fuel tank and carburetor without causing functional problems will vary with such factors as petrol blend, your storage temperatures, and whether the fuel tank is partially or completely filled. The air in a partially filled fuel tank promotes fuel deterioration. Fuel deterioration problems may occur after 30 days from keeping the fuel in the fuel tank, or even less depending on the petrol formulation in your area.

Draining the Fuel Tank and Carburetor

⚠WARNING

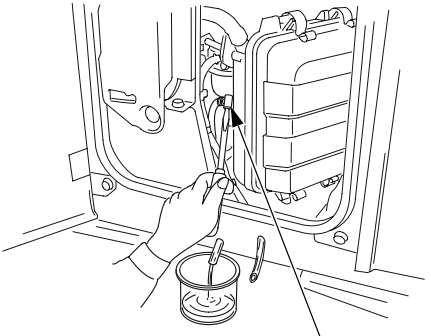
Petrol is highly flammable and explosive.

You can be burned or seriously injured when handling fuel.

- Stop the engine and keep heat, sparks, and flame away.
- Handle fuel only outdoors.
- Wipe up spills immediately.

(EU30i)

1. Use a screwdriver to loosen the latch and open the left side maintenance cover.
2. Place a suitable petrol container below the carburetor drain hose.
3. Move the fuel valve to the ON position.
4. Loosen the carburetor drain screw and drain the petrol from the carburetor and tank.
5. After all the fuel has drained into the container, tighten the drain screw securely.



6. Remove the sediment cup and empty it (see page 56).
7. Reinstall the sediment cup.
8. Close the left side maintenance cover.

(EU30is)

1. Unscrew the fuel tank cap, remove the fuel strainer, and empty the fuel tank into an approved petrol container. We recommend using a commercially available petrol hand pump to empty the tank. Do not use an electric pump. Reinstall the fuel strainer and the fuel tank cap.

2. Use a screwdriver to loosen the latch and open the left side maintenance cover.

3. Loosen the carburetor drain screw and drain the petrol from the carburetor into a suitable container.

4. After all the fuel has drained into the container, tighten the drain screw securely.

5. Remove the sediment cup and empty it (see page 56).

6. Reinstall the sediment cup.

7. Close the left side maintenance cover.

Engine Oil

1. Change the engine oil (see page 50).

2. Remove the spark plug (see page 54), and pour approximately one teaspoon (5 cm^3) of clean engine oil into the cylinder. Crank the engine several revolutions to distribute the oil, then reinstall the spark plug.

3. Reinstall the spark plug cap on the spark plug securely.

4. Reinstall the spark plug inspection cover.

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.

Battery

Charge the battery before storing the generator (see page 60).

STORAGE

STORAGE PRECAUTIONS

If your generator will be stored with petrol in the fuel tank and carburetor, it is important to reduce the hazard of petrol vapor ignition.

Select a well ventilated storage area away from any appliance that operates with a flame, such as a furnace, water heater, or clothes dryer.

Also avoid any area with a spark-producing electric motor, or where power tools are operated.

If possible, avoid storage areas with high humidity, because that promotes rust and corrosion.

Unless all fuel has been drained from the fuel tank, leave the engine switch in the OFF position, and the fuel valve lever in the OFF position (see page 33) to reduce the possibility of leakage.

Place the generator on a level surface. Tilting or laying it on its side can cause fuel or oil leakage.

With the engine and exhaust system cool, cover the generator to keep out dust. A hot engine and exhaust system can ignite or melt some materials.

Do not use sheet plastic as a dust cover. A nonporous cover will trap moisture around the generator, promoting rust and corrosion.

REMOVAL FROM STORAGE

Check your generator as described in the *BEFORE OPERATION* chapter of this manual (see page 24).

If the generator was stored for 1 year or longer, drain the fuel tank (see page 64) and refuel with fresh petrol . If you keep a container of petrol for refueling, be sure that it contains only fresh petrol. Petrol oxidizes and deteriorates over time, causing hard starting.

If the cylinder was coated with oil during storage preparation, the engine may smoke briefly at startup. This is normal.

TRANSPORTING

BEFORE TRANSPORTING

1. Make sure the engine switch, fuel valve are OFF (see page 33).
2. Drain all gasoline from the fuel tank, tighten the fuel tank cap securely (see page 64).

⚠WARNING

Petrol is highly flammable and explosive.

You can be burned or seriously injured when handling fuel.

- Stop the engine and keep heat, sparks, and flame away.
- Handle fuel only outdoors.
- Wipe up spills immediately.

WHEN TRANSPORTING THE GENERATOR

If the generator has been running, allow the engine to cool down before loading the generator on the vehicle.
A hot engine and exhaust system can burn you and can ignite some materials.

Do not load the generator on a vehicle to transport with the fuel filled. The fuel may leak due to vibration during transport.

When transporting the generator, turn the engine switch and the fuel valve lever OFF, and keep the generator level to reduce the possibility of fuel leakage.

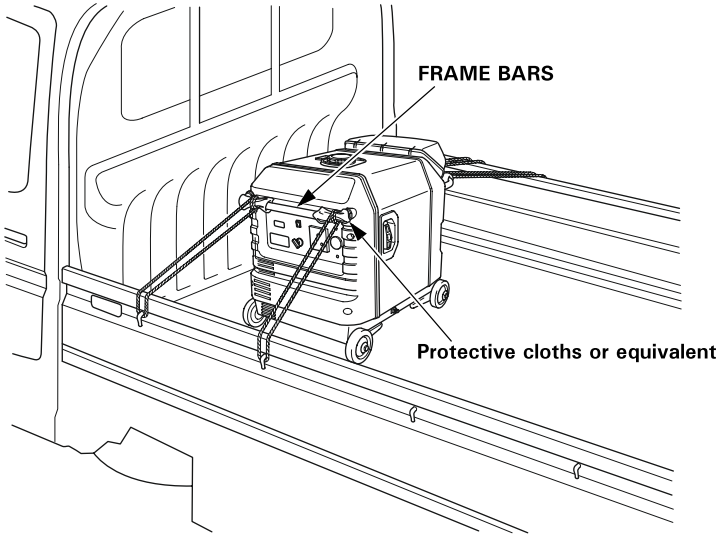
Avoid a place exposed to direct sunlight when putting the generator on a vehicle. If the generator is left in an enclosed vehicle for many hours, high temperature inside the vehicle could cause fuel to vaporize resulting in a possible explosion.

Do not drive on a rough road for an extended period with the generator on board.

Transporting the Generator by Truck

Load the generator on a place where it will not drop off, tumble over or be damaged and tie it up with ropes or tie down straps.

When using ropes or tie down straps to secure the generator for transportation, only use the frame bars as attachment points, by protecting them with protective cloths or equivalent.
Do not fasten ropes or straps to any other portions of the generator body.



TAKING CARE OF UNEXPECTED PROBLEMS

ENGINE WILL NOT START

Possible Cause	Correction
Fuel valve lever OFF. (EU30i)	Turn lever ON (see page 30).
Choke Open (EU30i)	Move to CLOSED position unless engine is warm (see page 30).
Engine switch OFF.	Turn engine switch to ON (see page 28).
Out of fuel.	Refuel (see page 47).
Bad fuel; generator stored without treating or draining petrol, or refueled with bad petrol.	Drain fuel tank and carburetor (see page 64). Refuel with fresh petrol (see page 47).
Low oil level caused Oil Alert to stop engine.	Add oil (see page 49). Turn engine switch to OFF and then restart the engine.
Spark plug faulty, fouled, or improperly gapped.	Gap or replace spark plug (see page 54).
Spark plug wet with fuel (flooded engine).	Dry and reinstall spark plug.
Fuel filter restricted, carburetor malfunction, ignition malfunction, valves stuck, etc.	Take the generator to your authorised Honda servicing dealer, or refer to the shop manual.

ENGINE LACKS POWER

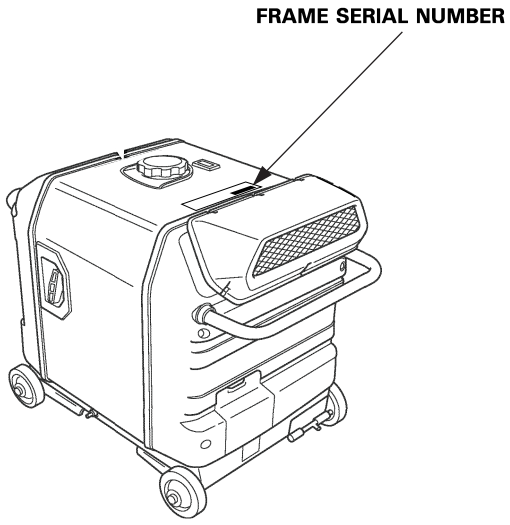
Possible cause	Correction
Air filter restricted.	Clean or replace air filter (see page 52, 53).
Bad fuel; generator stored without treating or draining petrol, or refueled with bad petrol.	Drain fuel tank and carburetor (see page 64). Refuel with fresh petrol (see page 47).
Fuel filter restricted, carburetor malfunction, ignition malfunction, valves stuck, etc.	Take the generator to your authorised Honda servicing dealer, or refer to the shop manual.

NO POWER AT THE AC RECEPTACLES

Possible Cause	Correction
Output indicator is OFF, and overload indicator is ON.	Check AC load. Stop and restart the engine.
	Check the cooling air inlet. Stop and restart the engine.
Faulty power tool or appliance.	Replace or repair power tool or appliance. Stop and restart the engine.
Faulty generator.	Take the generator to your authorised Honda servicing dealer, or refer to the shop manual.

TECHNICAL INFORMATION

Serial Number Location



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 610 meters, 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 increase in altitude. The effect of altitude on horsepower will be greater than this if no carburetor modification is made.

NOTICE

When the carburetor has been modified for high altitude operation, the air/fuel mixture will be too lean for low altitude use. Operation at altitudes below ***610*** *meters with a modified carburetor may cause the engine to overheat and result in serious engine damage. For use at low altitudes, have your servicing dealer return the carburetor to original factory specifications.*

Specifications

Dimensions

Model	EU30i	EU30is
Description code	EEFD	EEED
Length	710 mm	
Width	482 mm	
Height	570 mm	
Dry mass [weight]	59.3 kg	63.5 kg

Engine

Model	GX200D	
Engine type	4-stroke, overhead valve, single cylinder	
Displacement [Bore × Stroke]	196 cm^3 68.0 × 54.0 mm	
Compression ratio	8.5:1	
Engine speed	3,500–3,800 rpm (with Eco-Throttle switch OFF)	
Cooling system	Forced air	
Ignition system	Transistor magneto	Full transistor
Oil capacity	0.55 L	
Fuel tank capacity	12.5 L	
Spark plug	BPR6ES (NGK)	

Generator

Model		EU30i	EU30is
Type		RD	
AC output	Rated voltage	230 V	
	Rated frequency	50 Hz	
	Rated current	12.2 A	
	Rated output	2.8 kVA	
	Maximum output	3.0 kVA	

Specifications may vary according to the types, and are subject to change without notice.

WARRANTY POLICY

1. INTRODUCTION

- Warranty is an assurance to the customer of a quality product. Honda warrants all its GENERATOR models to be free from any manufacturing defect. In the event of failure, any Honda authorised dealer will repair or replace, free of charge, any part of the set as per norms laid down by the company. The company's decision shall be final and binding.

2. WARRANTY PERIOD

GENERATOR

- Two years from the date of purchase for Non-Commercial use by customer.
- Two years from the date of purchase for Commercial/Rental use by customer.

BATTERY (Proprietary Part)

- One year from the date of purchase by Customer.
- Final decision of Warranty at the sole discretion of EXIDE / Authorised EXIDE Dealer.

3. WARRANTY OBLIGATION

- Repair or replacement of defective part(s), at any authorised dealer, free of charge, if found defective by reasons of defective material or poor workmanship.

4. WARRANTY SERVICE

- To obtain warranty service the complete set must be presented to any of authorised dealer service point at customer's risk and expense.

5. TERMS AND CONDITIONS

a. To qualify for warranty, Honda generator must be set-up and serviced by an authorised Honda dealer.

b. Presentation of this warranty & free service coupon booklet.

c. Warranty does not include :

1. Normal/natural wear & tear and normal deterioration of paint or other appearances.
2. Failures resulting form unauthorised modifications or repairs.
3. Failures resulting due to not availing of free service within the stipulated time.
4. Rubber parts , Hardware items like Nuts & Bolts, Element Air Cleaner, Filters, Electrical Wires, Spark Plug, Gaskets, Starter Rope, Oil and petrol.
5. Damages or failures resulting from misuse, operational faults, negligence, abnormal use, insufficient care, over-loading, accident or fire from external source, theft, chemical fall out, stone chipping, industrial pollution, transportation.
6. Failures due to usage of non recommended or adulterated engine oil and fuel. Failures due to usage of mixture of engine oil and fuel.
7. Normal phenomena such as noise and vibrations.
8. Incidental or consequential damages like inconvenience or commercial loss.
9. Any part or labour incurred in normal maintenance services.
10. Failures resulting from usage of non genuine spare part (s).

Note : All disputes are subject to jurisdiction of Delhi court only.

INSTALLATION AND FREE SERVICES

1. PRE-INSTALLATION CHECK (P.I.C.)

- A pre delivery inspection is provided by Honda dealer so that you can enjoy longer trouble free Generator life.
- P.I.C. coupon is attached herewith.

2. PERIODIC MAINTENANCE SERVICE

- To enhance trouble free Generator life, periodic maintenance must be carried out as per maintenance schedule given in the owner's manual.

3. FREE SERVICE

- Three free service coupons are attached.
- Customer is requested to bring the Generator to any authorised dealer/ service point alongwith this booklet for availing free service.
- Free service can be availed at any of the authorised dealer / service point.
- This offer is valid only for the free services as per the schedule given in the chart below.

Type of Service	Schedule (from date of P.I.C.)		Other Details
	Days	Cum. operational hours	
Service I	30	20	Labour free but consumables chargeable to the customer
Service II	90	50	
Service III	180	100	

Honda India Power Products Limited

Head Office: Plot No. 5, Sector-41, Kasna, Greater Noida Industrial Development Area,
Distt. Gautam Budh Nagar - 201310, Uttar Pradesh.
Tel.: 0120-2590100

LIST OF AREA OFFICES

AHMEDABAD
A-904, Siddhi Vinayak Tower,
B/H DCP Office, Opp. S.G. Highway,
Makarba, Ahmedabad - 38005, Gujarat.
Tel. : 079-48000730, 9978912986
E-mail : ao.ahm@hipp.co.in

BENGALURU
Solus D-07, 7th Floor, 1st Cross, J.C. Road,
Opp. Bengaluru Stock Exchange,
Bengaluru - 560027, Karnataka.
Tel. : 080-22217152
E-mail : ao.blr@hipp.co.in

BHOPAL
10A, Samath Complex, 2nd Floor,
Opp. M.P. Board Office,
Link Road No. 1, Shivaji Nagar,
Bhopal - 462016, Madhya Pradesh.
Tel. : 0755-4258515
E-mail : ao.bho@hipp.co.in

BHUBANESWAR
Plot No. 62-63, Unit - 6, Ganganagar,
Bhubaneswar - 751001, Odisha.
Tel. : 0674-2397352, 2397477
E-mail : ao.bhu@hipp.co.in

CHANDIGARH
Metro Plaza City Market, 1st Floor,
SCO-27, Lohagarh Road, Zirakpur,
SAS Nagar - 140603, Punjab.
Tel. : 01762-531109
E-mail: ao.chd@hipp.co.in

CHENNAI
1st Floor of Old No. 79, New No. 13,
Coundamani Flats, Bhaskar Colony,
Virugambakkam,
Chennai - 600092, Tamil Nadu.
Tel. : 044-23767091, 23767092
E-mail : ao.mad@hipp.co.in

COCHIN
Door No. 44/2214 D3, 2nd Floor,
Holy Tuesday Shopping Mall, Kaloor,
Kochi - 685017, Kerala.
Tel. : 0484-2537753, 2537763
E-mail : ao.coch@hipp.co.in

RANCHI
Raghav Kunj, Goyal Road,
Opp. Goyal Sanitary,
Near Kishoreganj Chowk,
Ranchi - 834001, Jharkhand.
Tel. : 0651-2214230
E-mail : ao.ranchi@hipp.co.in

GUWAHATI
Space no.- 306-307, 3rd.Floor,
Silver Oak Plaza, Near Sarusajai Stadium,
Lokhra, NH-37,
Guwahati - 781034, Assam.
Tel. : 1800-11-2323
E-mail: ao.guw@hipp.co.in

HYDERABAD
Plot No.48, 2nd Floor,
Above Indian Overseas Bank,
West Marredpally,
Secunderabad - 500026, Telangana.
Tel. : 040-27803449, 27803450
E-mail: ao.hyd@hipp.co.in

JAMMU
Plot No. 50, Yard No. 6, Near SRTC Yard,
Transport Nagar, Narwal,
Jammu - 180006, J&K (UT).
Tel. : 0191-2490058
E-mail: ao.jmu@hipp.co.in

KOLKATA
15th Floor, Unit No 1503,
Ergo Tower, Salt Lake, Sector - 5,
Kolkata - 700091, West Bengal.
Tel. : 033-48080030
E-mail: ao.cal@hipp.co.in

LUCKNOW
80, Chandralok Colony, Aliganj,
Lucknow - 226204, Uttar Pradesh.
Tel. : 1800-11-2323
E-mail: ao.luk@hipp.co.in

MUMBAI
A-212, 2nd Floor, Sagar Tech Plaza,
Sakinaka, Andheri (E),
Mumbai - 400072, Maharashtra.
Tel. : 022-28511342, 28513874, 46043223
E-mail: ao.mum@hipp.co.in

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Gautam Budh Nagar - 201310, Uttar Pradesh.
Tel. : 0120-2590244
E-mail: ao.del@hipp.co.in

DISPOSAL

To protect the environment, do not dispose off 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 off these parts.

Please dispose off used engine 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 (only Eu30is) can hurt the environment. Always confirm local regulations for battery disposal. Contact your servicing dealer for replacement.

MEMO

HONDA

Honda India Power Products Limited
Regd. Off. : 409, DLF Tower B,
Jasola Commercial Complex,
New Delhi -110 025.
E-mail : ho.mktg@hipp.co.in
Website : www.hondaindiapower.com

To access information about Operations, Maintenance & Troubleshooting, please visit: www.hppsv.com/IND/ or scan

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