

Operator Instructions

1- All operators of this vehicle shall be conversant with all applicable industry standard transport operating, licensing, and loading codes.

2- Operators should be conversant with Work Safe health and safety regulations applicable to operating this equipment.

3-PTE TRANSPORTER DOUBLE ACTING HYDRAULIC RAMP OPERATION

- **Do not load/unload this trailer without being correctly hitched to a correct towing vehicle.**
- **Park the trailer in a place safe to yourself and others in the area.**
- **Ensure people and equipment are always clear of moving ramps.**

Rear landing legs must be deployed when loading and unloading.

Where applicable, dump air suspension to avoid rapid expansion of airbags when unloading, improve stability and loading angle.

To lower double acting ramps: Deploy rear stabilizer legs. Ensure ramp area is clear. Undo safety chains from ramps. Move control lever to lower (rearward) and hold until both ramps are on the ground. Release lever to middle position while loading / unloading.

To raise: Ensure people and equipment are well clear of the moving ramp path. Pull the control lever forward and hold until ramps are fully raised, leave a small amount of pressure against the ramps to prevent the ramps from bouncing.

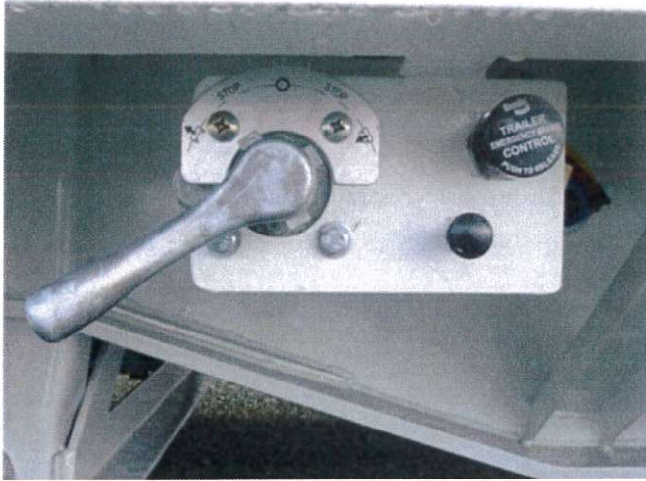
Secure safety chains onto ramps and tension with twitches. Raise and chain rear stabilizer legs.

Raise air suspension to ride height before commencing travel.

HYDRAULIC RAMPS: DO NOT LIFT RAMPS BY ANY MEANS OTHER THAN THE TRAILER HYDRAULICS, THIS COULD LEAVE AN EMPTY CAVITY IN THE CYLINDER AND WHEN THE RAMPS ARE LOWERED, THEY WILL FREE FALL.

4- When disconnecting from truck, the brake connection must be uncoupled first, to apply park brake.

Transporter Air Suspension Control



Lever shown in dump or lowered position

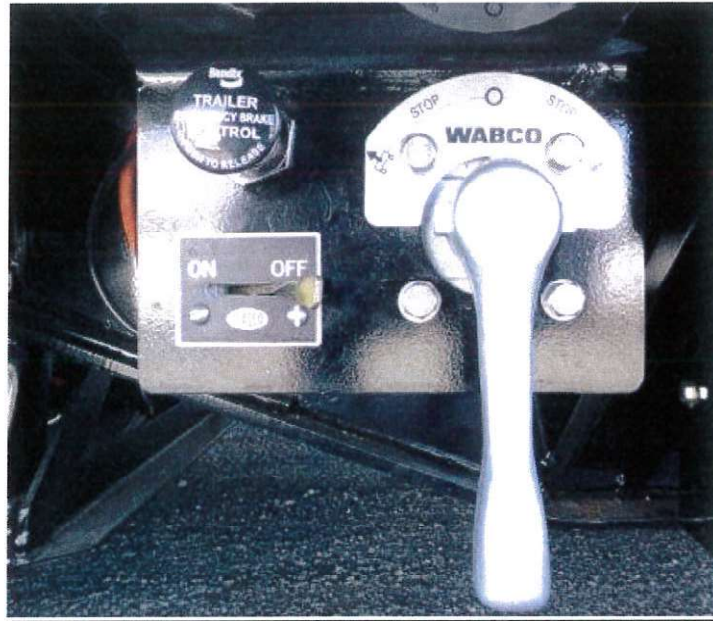


Lever shown in travel position



Lever shown in raise position- use for special situations only i.e. where Some extra ground clearance may be required.
This height can be held by positioning the control handle at the detent half way between this position and the vertical travel position.

Transporter Steering Lock and Yard Release



Large black button- Brake Yard release

WABCO Ride height lever- Shown in travel position, push in to rotate to desired position

ON-OFF lever- Manual steering lock , OFF to lock for reversing only. ON for travel and steering position.

The Steering lock also has automatic reverse control, the lever must be in the ON position for the reverse signal to operate.

INTRODUCTION

Thank you for purchasing a Honda engine. We want to help you to get the best results from your new engine and to operate it safely. This manual contains information on how to do that; please read it carefully before operating the engine. If a problem should arise, or if you have any questions about your engine, consult your servicing dealer.

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


Review the instructions provided with the equipment powered by this engine for any additional information regarding engine startup, shutdown, operation, adjustments or any special maintenance instructions.

United States, Puerto Rico, and U.S. Virgin Islands:

We suggest you read the warranty policy to fully understand its coverage and your responsibilities of ownership. The warranty policy is a separate document that should have been given to you by your dealer.

SAFETY MESSAGES

Your safety and the safety of others are very important. We have provided important safety messages in this manual and on the engine. Please read these messages carefully.

A safety message alerts you to potential hazards that could hurt you or others. Each safety message is preceded by a safety alert symbol  and one of three 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.

Each message tells you what the hazard is, what can happen, and what you can do to avoid or reduce injury.

DAMAGE PREVENTION MESSAGES

You will also see other important messages that are preceded by the word NOTICE.

This word means:

NOTICE

Your engine or other property can be damaged if you don't follow instructions.

The purpose of these messages is to help prevent damage to your engine, other property, or the environment.

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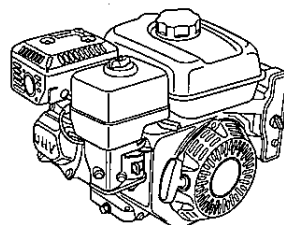
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-GX120RT2-GX160RT2-GX200RT2

Printed in Thailand

HONDA

OWNER'S MANUAL MANUEL DE L'UTILISATEUR MANUAL DEL PROPIETARIO

GX120 • GX160 • GX200



WARNING:



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

California Proposition 65

This product contains or emits chemicals known to the state of California to cause cancer, birth defects or other reproductive harm

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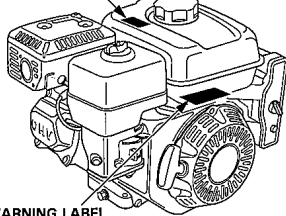
SAFETY INFORMATION

- Understand the operation of all controls and learn how to stop the engine quickly in case of emergency. Make sure the operator receives adequate instruction before operating the equipment.
- Do not allow children to operate the engine. Keep children and pets away from the area of operation.
- Your engine's exhaust contains poisonous carbon monoxide. Do not run the engine without adequate ventilation, and never run the engine indoors.
- The engine and exhaust become very hot during operation. Keep the engine at least 1 meter (3 feet) away from buildings and other equipment during operation. Keep flammable materials away, and do not place anything on the engine while it is running.

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 Honda servicing dealer for a replacement label.

MUFFLER CAUTION LABEL



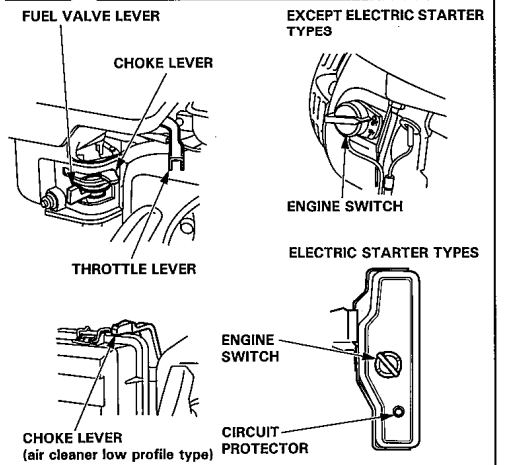
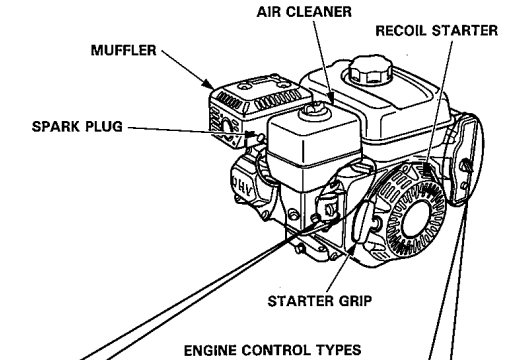
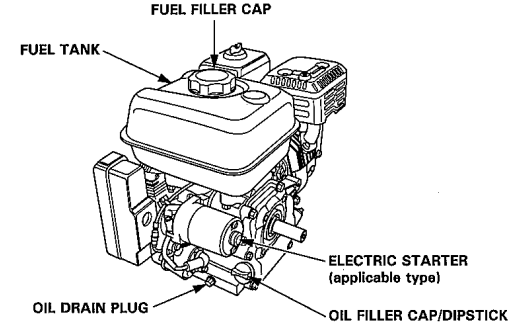
WARNING LABEL

WARNING LABEL	For EU	Except EU
	attached to product	supplied with product
<p>WARNING Gasoline is highly flammable and explosive. Turn engine off and let cool before refueling. The engine emits toxic carbon monoxide. Do not run in an enclosed area. Read Owner's Manual before operation. Thailand Honda Mfg. Co., Ltd. MADE IN THAILAND</p>	supplied with product	attached to product
<p>ATTENTION L'essence est très inflammable et explosive. Arrêter le moteur et le laisser refroidir avant de faire le plein d'essence. Le moteur produit des vapeurs toxiques de monoxyde de carbone. Ne pas utiliser dans un local fermé. Lire le manuel de propriétaire avant l'utilisation. Thailand Honda Mfg. Co., Ltd. MADE IN THAILAND</p>	supplied with product	supplied with product

MUFFLER CAUTION LABEL	For EU	Except EU
	not included	supplied with product
<p>CAUTION HOT MUFFLER CAN BURN YOU. Stay away if engine has been running.</p>	supplied with product	attached to product
<p>ATTENTION L'ÉCHAPPEMENT CHAUD PEUT VOUS BRÛLER. S'ÉLOIGNER QUAND LE MOTEUR FONCTIONNE.</p>	supplied with product	supplied with product

	Gasoline is highly flammable and explosive. Stop the engine and let cool before refueling.
	The engine emits toxic poisonous carbon monoxide gas. Do not run in an enclosed area.
	Read Owner's Manual before operation.
	Hot muffler can burn you. Stay away if engine has been running.

COMPONENT & CONTROL LOCATIONS



FEATURES

OIL ALERT® SYSTEM (applicable types)
"Oil Alert is a registered trademark in the United States"

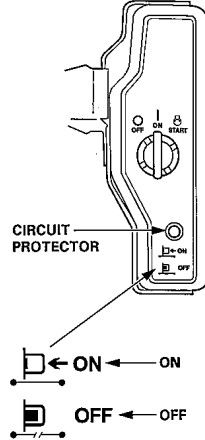
The Oil Alert system is designed to prevent engine damage caused by an insufficient amount of oil in the crankcase. Before the oil level in the crankcase can fall below a safe limit, the Oil Alert system will automatically stop the engine (the engine switch will remain in the ON position).

If the engine stops and will not restart, check the engine oil level (see page 9) before troubleshooting in other areas.

CIRCUIT PROTECTOR (applicable types)
The circuit protector protects the battery charging circuit. A short circuit, or a battery connected with reverse polarity, will trip the circuit protector.

The green indicator inside the circuit protector will pop out to show that the circuit protector has switched off. If this occurs, determine the cause of the problem, and correct it before resetting the circuit protector.

Push the circuit protector button to reset.



BEFORE OPERATION CHECKS

IS YOUR ENGINE 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 engine to check its condition. Be sure to take care of any problem you find, or have your servicing dealer correct it, before you operate the engine.

⚠ WARNING

Failure to properly maintain this engine, or failing to correct a problem before operation, could result in a significant malfunction.

Some malfunctions can seriously hurt or kill you.

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

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

Always check the following items before you start the engine:

Check the General Condition of the Engine

1. Look around and underneath the engine for signs of oil or gasoline leaks.
2. Remove any excessive dirt or debris, especially around the muffler and recoil starter.
3. Look for signs of damage.
4. Check that all shields and covers are in place, and all nuts, bolts, and screws are tightened.

Check the Engine

1. Check the fuel level (see page 8). Starting with a full tank will help to eliminate or reduce operating interruptions for refueling.
2. Check the engine oil level (see page 9). Running the engine with a low oil level can cause engine damage.

The Oil Alert system (applicable types) will automatically stop the engine before the oil level falls below safe limits. However, to avoid the inconvenience of an unexpected shutdown, always check the engine oil level before startup.

3. Check the reduction case oil level on applicable types (see page 9). Oil is essential to reduction case operation and long life.
4. Check the air filter element (see page 10). A dirty air filter element will restrict air flow to the carburetor, reducing engine performance.
5. Check the equipment powered by this engine.

Review the instructions provided with the equipment powered by this engine for any precautions and procedures that should be followed before engine startup.

OPERATION

SAFE OPERATING PRECAUTIONS

Before operating the engine for the first time, please review the **SAFETY INFORMATION** section on page 2 and the **BEFORE OPERATION CHECKS** on page 4.

Carbon Monoxide Hazards

For your safety, do not operate the engine in an enclosed area such as a garage. Your engine'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.

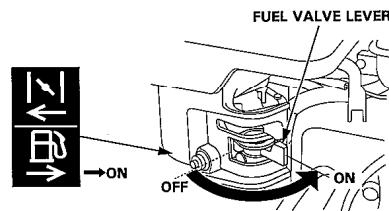
Never run this product's engine in a closed, or even partly closed area where people may be present.

Review the instructions provided with the equipment powered by this engine for any safety precautions that should be observed with engine startup, shutdown, or operation.

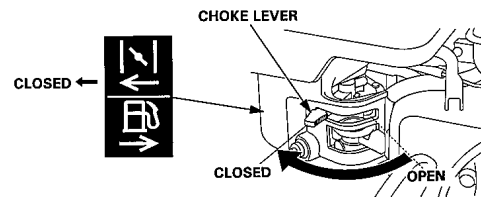
Do not operate the engine on slopes greater than 20° (36%).

STARTING THE ENGINE

1. Move the fuel valve lever to the ON position.



2. To start a cold engine, move the choke lever to the CLOSED position.

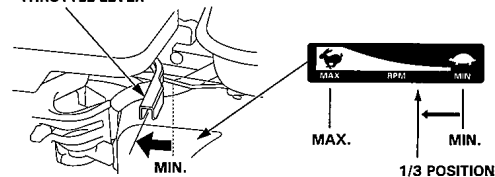


To restart a warm engine, leave the choke lever in the OPEN position.

Some engine applications use a remote-mounted choke control rather than the engine-mounted choke lever shown here. Refer to the instructions provided by the equipment manufacturer.

3. Move the throttle lever away from the MIN. position, about 1/3 of the way toward the MAX. position.

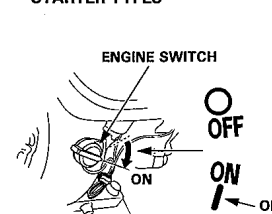
THROTTLE LEVER



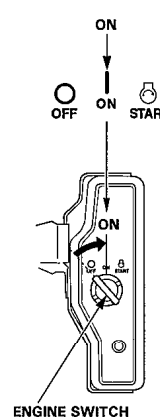
Some engine applications use a remote-mounted throttle control rather than the engine-mounted throttle lever shown here. Refer to the instructions provided by the equipment manufacturer.

4. Turn the engine switch to the ON position.

EXCEPT ELECTRIC STARTER TYPES



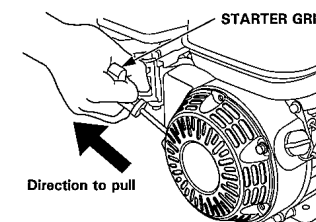
ELECTRIC STARTER TYPES



5. Operate the starter.

RECOIL STARTER:

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



NOTICE

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

ELECTRIC STARTER (applicable types):

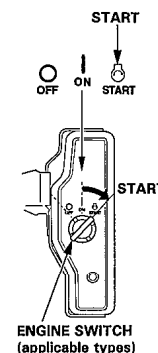
Turn the key to the START position, and hold it there until the engine starts.

If the engine fails to start within 5 seconds, release the key, 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. This type of overheating is not covered under warranty.

When the engine starts, release the key, allowing it to return to the ON position.



6. If the choke lever was moved to the CLOSED position to start the engine, gradually move it to the OPEN position as the engine warms up.

