CONCRETE VIBRATOR

HONDA GX160

OWNER'S MANUAL



⚠ WARNING:

Read carefully and understand all INSTRUCTIONS before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

K14350

PDF 文件使用 "pdfFactory Pro" 试用版本创建 www.fineprint.cn

For technical questions and replacement parts, please call 1300-657-528.

Thank you very much for choosing a KINCROME TOOL + EQUIPMENT CO., INC. Product! For future reference, please complete the owner's record below:

Model: _____ Purchase Date: _____

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it.

This machine is designed for certain applications only. Northern Tool + Equipment strongly recommends this machine is not modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the machine until you have first contacted Northern Tool + Equipment to determine if it can or should be performed on the product.

INTENDED USE

High-frequency vibrator helps settle concrete quickly.

TECHNICAL SPECIFICATIONS

Item	Description
Engine	HONDA GX160
Vibration Speed	9800-12,000 VPM.
Shaft Rotation Speed	Max. 3600 RPM
Powerhead	18 1/2in.
Shaft	19 feet, 8 inches

GENERAL SAFETY RULES

WARNING: Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

WARNING: Only operate the engine in a well-ventilated, outdoor area. Carbon Monoxide produced by the engine during use can kill. Do not use indoors, near windows or in other sheltered areas.

SAVE THESE INSTRUCTIONS

WORK AREA

PDF 文件使用 "pdfFactory Pro" 试用版本创建 www.fineprint.cn

- **Keep work area clean,** free of clutter and well lit. Cluttered and dark work areas can cause accidents.
- **Do not use your concrete vibrator where there is a risk of causing a fire or an explosion;** e.g. in the presence of flammable liquids, gasses, or dust. Some power tools create sparks, which may ignite the dust or fumes.
- **Keep children and bystanders** away while operating the concrete vibrator. Distractions can cause you to lose control, so visitors should remain at a safe distance from the work area.
- **Be aware of all power lines, electrical circuits,** water pipes and other mechanical hazards in your work area, particularly those hazards below the work surface hidden from the operator's view that may be unintentionally contacted and may cause personal harm or property damage.
- **Be alert of your surroundings.** Using the concrete vibrator in confined work areas may put you dangerously close to cutting tools and rotating parts.

INTERNAL COMBUSTION ENGINE SAFETY

WARNING: Internal combustion engines present special hazards during operation and fueling. Read and follow the warning instructions in the engine Owner's Manual and the safety guidelines below. Failure to follow the warnings and safety standards could result in severe injury or death.

- **DO NOT** run the machine indoors or in an enclosed area such as a deep trench unless adequate ventilation, through such items as exhaust fans or hoses, is provided. Exhaust gas from the engine contains poisonous carbon monoxide gas; exposure to carbon monoxide can cause loss of consciousness and may lead to death.
- **DO NOT** smoke while operating the machine.
- **DO NOT** smoke when refueling the engine.
- **DO NOT** refuel a hot or running engine.
- **DO NOT** refuel the engine near an open flame.
- **DO NOT** spill fuel when refueling the engine.
- **DO NOT** run the engine near open flames.
- **ALWAYS** refill the fuel tank in a well-ventilated area.
- **ALWAYS** replace the fuel tank cap after refueling.
- **ALWAYS** check the fuel lines and the fuel tank for leaks and cracks before starting the engine. Do not run the machine if fuel leaks are present or the fuel lines are loose.

NOTE: All Federal and State laws and any regulation having jurisdiction covering the safety requirements for use of the machine take precedence over the statements in this manual. Users of this machine must adhere to such regulations.

TOOL USE AND CARE

- **Never touch** the engine or muffler while the engine is on or immediately after it has been turned off. These areas get hot and may cause burns.
- **Never use accessories** or attachments that are not recommended by the manufacturer. Damage to equipment and injury to the user may result.
- **Never operate** the machine with the belt guard missing (if applicable). Exposed drive belt and pulleys create potentially dangerous hazards that can cause serious injuries.

PDF 文件使用 "pdfFactory Pro" 试用版本创建 www.fineprint.cn

- **Never** leave the machine running unattended.
- **Always** be sure operator is familiar with proper safety precautions and operation techniques before using machine.
- **Always** close fuel valve on engines equipped with one when machine is not being operated.
- **Always** operate machine with all safety devices and guards in place and in working order. DO NOT modify or defeat safety devices. DO NOT operate machine if any safety devices or guards are missing or inoperative.
- **Do not force the concrete vibrator.** Concrete vibrators do a better and safer job when used in the manner for which they are designed. Plan your work, and always use the correct tool for the job.
- **Never use** the concrete vibrator with a malfunctioning switch. Any machine that cannot be controlled with the switch is dangerous and must be repaired by an authorized service representative before using.
- **Store idle machines.** When machine is not in use, store it in a dry, secure place out of the reach of children. Inspect machine for good working condition prior to storage and before re-use.
- **Use only accessories** that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may create a risk of injury when used on another tool.
- **Always** make sure the engine's power switch is in the "OFF" position, the spark plug wire is disconnected from the engine, and the engine is completely cool performing any inspection, maintenance, or cleaning of the plate compactor and/or engine.
- **Maintain your concrete vibrator.** It is recommended that the general condition of any tool be examined before it is used. Keep your concrete vibrator in good repair by adopting a program of conscientious repair and maintenance in accordance with the recommended procedures found in this manual. If any abnormal vibrations or noise occurs, turn the concrete vibrator off immediately and have the problem corrected before further use. Have necessary repairs made by qualified service personnel.
- **Keep all co-workers** at least 2 metres from the concrete vibrator during operation.
- **Cleaning.** Use only soap and a damp cloth to clean your tools. Many household cleaners are harmful to plastics and other insulation. Never let liquid get inside the engine.

PERSONAL SAFETY

- **Stay alert,** watch what you are doing and use common sense when operating the concrete vibrator. Do not use the concrete vibrator while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention may result in serious personal injury.
- **Dress properly.** Do not wear loose clothing, dangling objects, or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts. Air vents often cover moving parts and should be avoided.
- **Use safety apparel and equipment.** Use safety goggles or safety glasses with side shields which comply with current national standards, or when needed, a face shield. Use dust mask in dusty work conditions. This applies to all persons in the work area. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate.
- **Do not overreach.** Keep proper footing and balance at all times.

PDF 文件使用 "pdfFactory Pro" 试用版本创建 www.fineprint.cn

- **This tool vibrates during use.** Repeated or long-term exposure to vibration may cause temporary ore permanent physical injury, particularly to the hands, arms and shoulders. Include vibration-free periods throughout the work day.

OPERATION

WARNING: Make sure the engine is filled with oil prior to each use. Never run the engine with low or no engine oil. Running the engine with insufficient oil will permanently damage the unit.

1. Fill Engine (#1) fuel tank with quality petrol and make sure the engine is filled with oil.
2. While wearing the anti-vibration gloves, spin the cover on the Fixing Plate (#7) with one hand until the Sheath (#13) is fastened and cannot move. With the other hand, insert the Flexible Shaft Plug (#23) into the Driving Shaft (#5) inside the hole of the Fixing Plate (#7). Then Loosen the Sheath (#13) and make sure the Steel Ball (#11) is locked in the arc slot of the Connector (#24) and the connector (#24) will not fall off.
3. Place the Vibrator Head (#39) vertically in the center of the construction where the concrete needs to be compacted.
4. Pour the concrete evenly around the Vibrator Head.
5. Start the Engine and adjust the engine speed (see below). Moving the throttle lever to the far left increases engine speed and is best for operating the concrete vibrator (Fig 1). Moving the throttle lever to the far right slows the engine to low idle speed (Fig 2).
6. To stop the engine completely, turn the STOP SWITCH to the "O" (OFF) position.



Fig.1

PDF 文件使用 "pdfFactory Pro" 试用版本创建 www.fineprint.cn



Fig 2

7. During operation, one hand should hold the Outer Tube (#26) and make sure the Vibrator Head works in the concrete.
8. When the work is finished, first remove the Vibrator Head from the concrete, and then turn off the Engine.
9. Remove the Flexible Shaft Plug from the Fixing Plate and clean the Vibrator Head.

IMPORTANT:

1. Operator should wear anti-vibration gloves, and ear plugs.
2. Place the main body on flat, level surface especially when operating on a high building, preventing the chance of the main body tipping over or falling off.
3. Make sure the work area is well ventilated and there are no explosive or flammable materials nearby.
4. Before adding fuel to an engine that has been in operation, you must first wait for the engine cool down. Do not spill petrol on the hot engine during refueling.

MAINTENANCE:

- Wash any concrete residue off Vibrator Head with water. Wipe clean the Vibrator Head and all other parts of the machine with a soft cloth.

PDF 文件使用 "pdfFactory Pro" 试用版本创建 www.fineprint.cn

⚠ WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically treated tumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

PDF 文件使用 "pdfFactory Pro" 试用版本创建 www.fineprint.cn