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# Kärcher honda gc190 pressure washer manual

Inspection for freight damage When you receive your commercial pressure washer be sure you check for concealed freight damage. Any damage should be noted with the delivering carrier. If you have any questions related to freight call our 866 toll free number immediately. Inspection of oil levels Check all oil levels in the pump or engine if applicable. Failure to check all levels will result in pressure washer damage. Most pumps are shipped with oil from factory and the crankcases are sealed; you may have to remove a shipping plug and install a dipstick in the pump. Oil type is stated on the pump breakdown and in the engine book. Water Supply Your water supply must provide water to the equipment that exceeds the Gallon Per Minute (GPM) rate of your machine. You can check your GPM by using a 5 Gallon bucket and a timer. If your machine is 5 GPM or less and the bucket fills in less than a minute you have adequate supply. Some systems are effected by things like washing machines, livestock watering systems and flushing of toilets. Be sure the supply is still adequate when these operations are taking place. The water temperature cannot exceed 145 Degrees Fahrenheit on the standard models and 180 degrees Fahrenheit on the high temperature models and the pressure should not exceed 60 PSI. Failure to secure adequate water supply to your commercial pressure washer will result in pump damage. DO NOT RUN PUMP DRY. Water Quality Your water should not contain particles larger than 80 microns. Although there are small filters installed on power washers that filter the water, they could only filter poor quality water for a short period of time before they clog. This would result in damage to the machine. Therefore you should insure no sand or scale particles are present in the water supply. Supply Hose Hook a garden hose from the hydrant to the machine, when doing this be sure to check the inlet water filter or screen. This hose should be at least 5/8" diameter and a length at least 15 feet. This 15' length helps isolate the water supply from pulsations from the pump. Many states require a Vacuum Break or back flow prevention be installed at the hydrant, before the garden hose, to insure the water source cannot be contaminated. Be sure to check local and state regulations upon installation. Purge Air Turn on the water supply and open the trigger gun, this will purge all the air from the system. Look for water leaks and stop any leak found. Leaks can cause erratic pump behavior. Electrical Supply A circuit dedicated only to the pressure washer is recommended. This circuit should be installed by a licensed electrician and checked to supply adequate voltage Under Load. Sometimes the distance from the panel is to long, the wire size is to small or the voltage is initially to low, this will cause the GFCI or Thermal to trip. If the GFCI trips or the thermal overload on the motor trips consult factory. Plug your cord into the receptacle. DO NOT USE EXTENSION CORD! Pump Prior to turning on the power switches or your engine check the oil level in the pump. Turn on Power Turn on the power switch. Pull trigger gun and check for adequate pressure. During Operation The pressure was set at the factory during the testing procedure, no adjustments to the machine should be required for operation. During operation do not leave the machine running for more than 2 minutes without the trigger gun being pulled. Although your machine has a by-pass valve on it and may have a thermal relief system, this can cause extensive pump damage. If machine will not be discharging water for more than 2 minutes, shut the machine off. Photo Courtesy: Pixabay Pressure washers cut down on the amount of scrubbing you need to do and make those outdoor cleaning tasks a lot easier. Just as there are several types of cleaning jobs, there are several types of pressure washers to handle those jobs.No matter if you're just trying to clean your patio after a long winter or need to clean the entire exterior of your two-story home, these top-rated pressure washers will help you tackle those tasks. MORE FROM CONSUMERSEARCH.COM Kärcher North America6398 N. Kärcher WayAurora, CO 80019 Corporate Main Phone303-738-2400 Home & Garden After-Sales/Warranty800-537-4129 or karcher-help.com Home & Garden General Inquiries877-722-6555 You can use a pressure washer to clean nearly anything outside in a fraction of the time it would take you otherwise. However, before you start dreaming about your next cleaning project, learn more about how to choose a unit, what you need and how to use a pressure washer.Types of Pressure WashersWhen you're shopping for pressure washers, you'll find two basic types: electric and gas. Electric pressure washers, which you power by plugging them into an outlet. That can limit where you use the pressure washer. Additionally, while they can be powerful, electric pressure washers are typically best for cleaning smaller items, including grills, patios and bicycles. People often like these types of pressure washers because they're quiet, lightweight, portable and low maintenance.Gas pressure washers require that you buy gas or oil to power the machine. However, that also gives you the freedom to go just about anywhere with it. Although gas pressure washers are heavier than electric ones, they usually have wheels to help you maneuver them. Additionally, they require regular maintenance, but they're more powerful and last longer than electric models.How Pressure Washers WorkNo matter whether you choose an electric or a gas-powered pressure washer, the machine works pretty much the same way. The motor or engine operates a pump. That pump pressurizes water from the hose up to 1,000 pounds or more before forcing it through the spray wand. The higher the pressure the washer puts out, the stronger its cleaning power. The pressure is measured in pounds per square inch (psi). While many of the smaller washers come with one adjustable nozzle that lets you switch from a single stream to a fan-shaped spray. Larger units may come with different nozzles, including some that rotate, create wider or narrower patterns and turbo-charge the stream.What Not to Pressure WashPressure washers are effective in removing flaking paint, stuck-on grime, mold, algae, mud and more. Using a pressure washer on surfaces like patios, decks, driveways, masonry, siding and brick is perfectly safe. However, some materials can't hold up to the powerful pressure. Examples include: Asphalt roofs: Using a pressure washer on your asphalt roof destroys it by removing the granules Antique items: Very old furnishings, old decking and antique buildings could all have dry rot or soft spots that your pressure washer will likely damage Stained wood: Pressure washing stained wood surfaces will remove the stain from the wood, requiring you to re-stain it after it dries Tips for Pressure WashingGetting started is a matter of powering up the machine and hooking it up to your garden hose and tightening all the connections to prevent air from getting into the lines. Tips for using your pressure washer include: Wash vertical surfaces like siding from the bottom up, then rinse from the top down Use the lowest pressure nozzle with the broadest spray pattern to avoid damaging the surface you're cleaning Avoid spraying into outlets, vents or air conditioning units Pressure Washer TroubleshootingAlways keep your pressure washer repair manual after buying one. Not only will it offer helpful tips for operating it safely, but it also will give you information like the model number, which you might need to get pressure washer repair parts. It also helps to keep pressure washer spare parts around for small fixes. For example, if you're having trouble starting it, you might need to replace the spark plug or clear out the fuel tank to remove debris before refueling.In many instances, you might not need parts. Instead, you might need to check things out. For example, if your pressure washer is leaking, check the O-rings and water seals, but it might be as simple as loose fittings, which are the most common cause of leaks. If you're having pressure problems, make sure your garden hose is the right size and is free of any kinks or leaks. MORE FROM QUESTIONSANSWERED.NET Here you can find online versions of the operating instructions for our cleaning machines. Here you can find the relevant operating instructions for every product. Our operating instructions provide information on use, safety, initial start-up, technical data, accessories and disposal information. Several languages are often covered by one operating manual. Synonyms for operating instructions, like user manual, operating manual and user handbook, are also used. 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 an authorized Honda servicing dealer. All information in this publication is based on the latest product information available at the time of printing. American Honda Motor Co., Inc. reserves the right to make changes at any time without notice and without incurring any obligation. No part of this publication may be reproduced without written permission. This manual should be considered a permanent part of the 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. Your safety and the safety of others is 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 B and one of three words, DANGER, WARNING, or CAUTION. These signal words mean: B DANGER B WARNING B CAUTION 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: Your engine or other property can be NOTICE 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. 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. • 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 3 feet (1 meter) away from buildings and other equipment during operation. Keep flammable materials away, and do not place anything on the engine while it is running. © 2003-2009 American Honda Motor Co., Inc. -All Rights Reserved 31Z8A023 00X31-Z8A-0230 You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions. You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions. You CAN be HURT if you don't follow instructions. POM31Z8A023 EM5 IPC, 35000.2009.09 PRINTED IN U.S.A. OWNER'S MANUAL MANUEL DE L'UTILISATEUR MANUAL DEL PROPIETARIO GC160 • GC190 B The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. 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