

Ingco GHPW2003

INGCO GHPW2003 4-Stroke Gasoline Pressure Washer User Manual

Model: GHPW2003 | Brand: Ingco

1. INTRODUCTION

This manual provides essential information for the safe operation, proper setup, maintenance, and troubleshooting of your INGCO GHPW2003 4-Stroke Gasoline Pressure Washer. Please read this manual thoroughly before operating the unit to ensure safe and efficient use. Keep this manual for future reference.

2. IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or damage.

- **Read the Entire Manual:** Understand all instructions and warnings before operating the pressure washer.
- **Personal Protective Equipment:** Always wear appropriate eye protection (safety glasses or goggles), hearing protection, and protective footwear.
- **Fuel Safety:** Gasoline is highly flammable. Refuel in a well-ventilated area with the engine off and cool. Do not smoke or allow open flames near the unit. Avoid spilling fuel.
- **Ventilation:** Operate the pressure washer in a well-ventilated outdoor area. Engine exhaust contains carbon monoxide, which is a colorless, odorless, and deadly gas.
- **High Pressure Hazard:** The high-pressure spray can cause serious injury. Never direct the spray at people, pets, electrical devices, or the unit itself. Keep hands and feet clear of the nozzle.
- **Electrical Safety:** Do not operate the pressure washer in the rain or wet conditions. Ensure all electrical connections are dry and secure.
- **Stability:** Operate the unit on a stable, level surface to prevent tipping.
- **Children and Pets:** Keep children and pets away from the operating area.
- **Water Supply:** Ensure a continuous and adequate water supply to prevent pump damage. Do not run the pump dry.

3. PRODUCT COMPONENTS

The INGCO GHPW2003 pressure washer consists of several key components designed for efficient cleaning.



Image: The INGCO GHPW2003 pressure washer, showcasing its robust design and wheels for portability.

- **Engine:** 4-stroke OHV gasoline engine providing power.
- **High-Pressure Pump:** Generates the required water pressure.
- **High-Pressure Hose:** Connects the pump to the spray gun.
- **Spray Gun with Wand:** Controls the water flow and direction.
- **Nozzles:** Interchangeable nozzles for various spray patterns and intensities.
- **Fuel Tank:** Holds gasoline for the engine.
- **Oil Reservoir:** Holds engine oil.
- **Wheels and Handle:** For easy transport and maneuverability.

- **Air Filter:** Protects the engine from dust and debris.

4. SETUP AND ASSEMBLY

Follow these steps to prepare your pressure washer for first use.

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handle Assembly:** Attach the handle to the main unit using the provided hardware. Ensure it is securely fastened.
3. **Wheel Attachment:** If not pre-assembled, attach the wheels to the frame.
4. **Connect High-Pressure Hose:** Connect one end of the high-pressure hose to the pump outlet and the other end to the spray gun. Tighten all connections securely by hand.
5. **Connect Water Supply:** Attach a standard garden hose to the water inlet on the pump. Ensure the garden hose is free of kinks and has a steady water supply.
6. **Add Engine Oil:** Remove the oil fill cap/dipstick. Fill the engine crankcase with 0.6 liters of appropriate 4-stroke engine oil (refer to engine manual for specific oil type). Do not overfill.
7. **Add Fuel:** Fill the fuel tank with 3.6 liters of clean, fresh, lead-free petrol. Do not use E85 or other ethanol blends higher than E10. Do not overfill.



Image: The pressure washer with its high-pressure hose neatly coiled, ready for connection.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your pressure washer.

5.1 Pre-Start Checks

- Check engine oil level.
- Check fuel level.
- Ensure all hose connections are tight.

- Open the water supply valve completely.
- Squeeze the spray gun trigger to purge air from the pump and hose until a steady stream of water emerges.

5.2 Starting the Engine

1. Turn the engine ON/OFF switch to the 'ON' position.
2. Move the choke lever to the 'CHOKE' position (cold engine start).
3. Move the throttle lever to the 'FAST' position.
4. Pull the recoil starter handle slowly until resistance is felt, then pull quickly and firmly. Repeat until the engine starts.
5. Once the engine starts, gradually move the choke lever to the 'RUN' position.

5.3 Using the Spray Gun

- Select the appropriate nozzle for your cleaning task. Different nozzles provide different spray patterns and pressures.
- Hold the spray gun firmly with both hands.
- Direct the spray at the cleaning surface, maintaining a safe distance. Start with a wider spray pattern and move closer if more aggressive cleaning is needed.



Image: A user demonstrating the operation of the INGCO GHPW2003 pressure washer for cleaning.



Image: The pressure washer in use, effectively cleaning a large tire.

5.4 Shutting Down

1. Release the spray gun trigger.
2. Turn the engine ON/OFF switch to the 'OFF' position.
3. Turn off the water supply.
4. Squeeze the spray gun trigger to release any remaining pressure in the system.
5. Disconnect the garden hose and high-pressure hose.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pressure washer.

6.1 Routine Checks (Before Each Use)

- Inspect hoses for cuts, leaks, or damage.
- Check for loose fasteners.
- Verify engine oil and fuel levels.

6.2 Air Filter Maintenance

Clean the air filter every 50 hours of use, or more frequently in dusty conditions.

1. Locate the air filter housing.
2. Remove the cover and carefully take out the foam filter element.
3. Wash the filter in warm, soapy water, rinse thoroughly, and allow it to air dry completely.
4. Lightly oil the filter with engine oil, then squeeze out excess oil.
5. Reinstall the filter and cover.



Image: Detailed view of the engine and air filter housing, indicating the recommended cleaning interval.



Image: A closer look at the engine components, including the recoil starter and fuel tank cap.

6.3 Engine Oil Change

Change engine oil after the first 5 hours of use, then every 50 hours or annually.

6.4 Spark Plug Inspection

Inspect the spark plug annually or every 100 hours. Clean or replace as needed.

6.5 Pump Care and Storage

- **Winterization:** If storing in freezing temperatures, drain all water from the pump and hoses, or use a pump protector/antifreeze solution.
- **Storage:** Store the pressure washer in a clean, dry, and well-ventilated area.

7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Engine will not start	No fuel; Engine switch OFF; Choke not set; Spark plug issue	Add fuel; Turn switch ON; Adjust choke; Inspect/replace spark plug
Low water pressure	Insufficient water supply; Clogged nozzle; Air in pump; Kinked hose	Ensure full water supply; Clean nozzle; Purge air from pump; Straighten hose
Engine runs rough	Stale fuel; Clogged air filter; Spark plug issue	Drain and refill with fresh fuel; Clean/replace air filter; Inspect/replace spark plug
Water leaks from pump	Loose fittings; Damaged O-rings/seals	Tighten connections; Replace worn O-rings/seals

8. TECHNICAL SPECIFICATIONS

Detailed specifications for the INGCO GHPW2003 pressure washer.

Specification	Value
Model	GHPW2003
Maximum Output	6.0 HP max
Pressure	214 Bar (3100 PSI)
Flow Rate	8.7 L/min (2.3 GPM)
Engine Type	4-stroke OHV
Displacement	208 cc
Starter System	Recoil
Engine Speed	3600 / min
Fuel Volume	3.6 Liters
Oil Volume	0.6 Liters
Fuel Type	Lead-free petrol
Power Source	Gasoline

Specification	Value
Hose Length	5 Metres
Product Dimensions (L x W x H)	59L x 54W x 52H Centimeters
Specification Met	CE, CSA
Country of Origin	China

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information, claims, or technical assistance, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase. Specific warranty terms and conditions may vary by region and retailer.