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- › [Pressure-Pro](#) /
- › [Pressure-Pro E4040HG Pressure Washer User Manual](#)

Pressure-Pro E4040HG

Pressure-Pro E4040HG Pressure Washer User Manual

Model: E4040HG

INTRODUCTION

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your Pressure-Pro E4040HG Direct Drive 4000 PSI Cold Water Pressure Washer. Please read this manual thoroughly before operating the unit to ensure proper use and to prevent injury or damage.

SAFETY INFORMATION

Always follow basic safety precautions when using this pressure washer to reduce the risk of fire, electric shock, and personal injury.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the equipment.
- **Eye Protection:** Always wear safety goggles or glasses with side shields.
- **Hearing Protection:** Use ear protection during operation.
- **Foot Protection:** Wear appropriate footwear to prevent slipping and protect feet.
- **Keep clear:** Do not allow children or untrained persons to operate this pressure washer. Keep bystanders away from the operating area.
- **Flammable Liquids:** Do not spray flammable liquids.
- **Ventilation:** Operate in a well-ventilated area to avoid carbon monoxide poisoning.
- **High Pressure:** The high-pressure stream can cause serious injury. Never direct the spray at people, pets, or electrical devices.
- **Secure Hoses:** Ensure all hose connections are tight and secure before starting.
- **Engine Hot:** Engine and muffler become very hot during operation and can cause burns.

COMPONENTS

Your Pressure-Pro E4040HG pressure washer includes the following key components:

- Honda GX390 Engine
- Direct Drive Pump
- Aircraft Grade Aluminum Frame with Dual Handles

- Pneumatic Tires
- Spray Gun and Extension Wand
- 5 Quick-Connect Nozzle Tips
- 3/8-inch x 50-Foot Non-Marking Hose
- Easy-Adjust Pressure Unloader
- Low Oil Indicator Shut Down

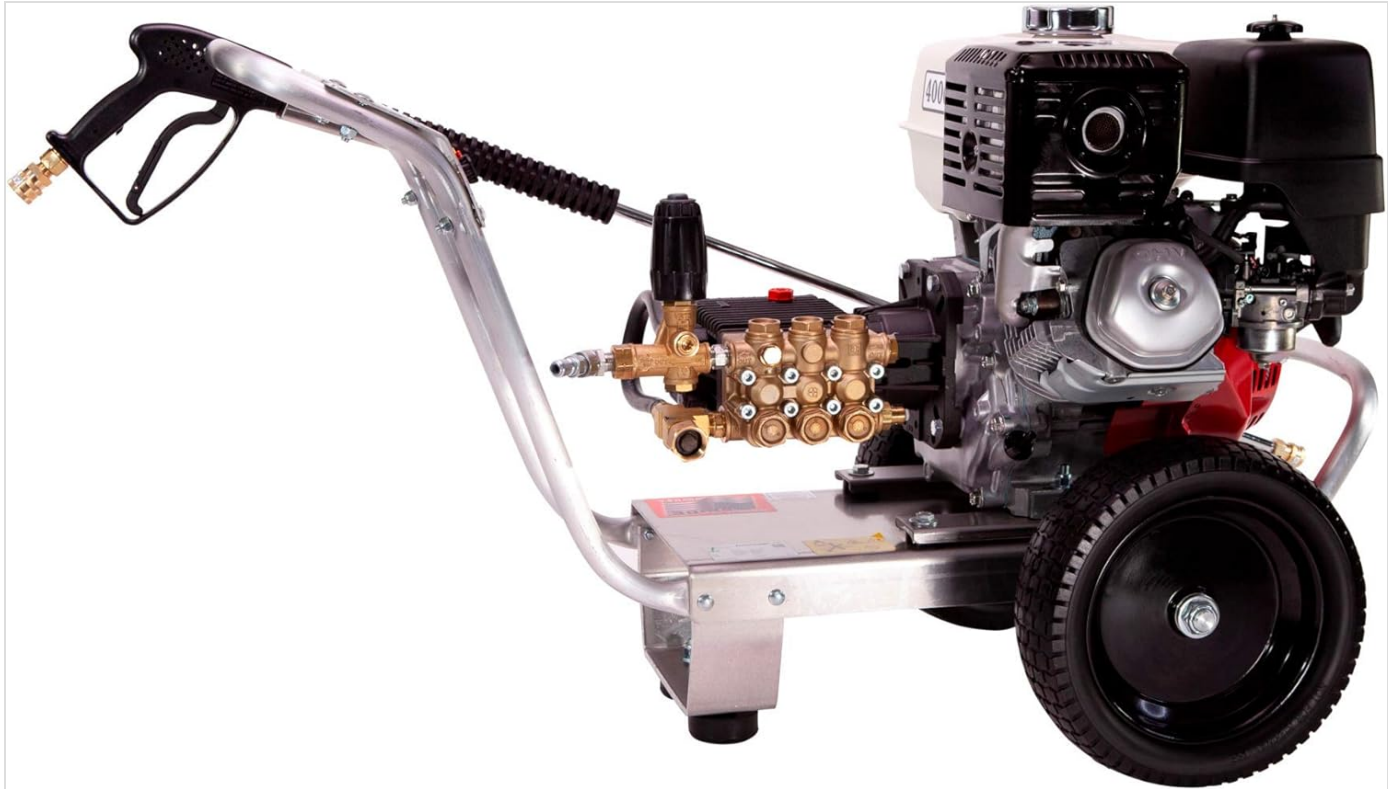


Figure 1: Pressure-Pro E4040HG pressure washer with spray gun and hose connection. This image shows the overall assembly of the pressure washer, including the engine, pump, frame, wheels, and the attached spray gun and high-pressure hose.



Figure 2: Side view of the Pressure-Pro E4040HG pressure washer, highlighting the Honda GX390 engine and pump assembly. This view provides a closer look at the engine and the direct drive pump system.

SETUP

1. Assembly

1. **Attach Handles:** Secure the dual handles to the main frame using the provided hardware.
2. **Install Wheels:** Attach the pneumatic tires to the axle.
3. **Connect High-Pressure Hose:** Connect one end of the 50-foot non-marking hose to the pump's high-pressure outlet and the other end to the spray gun. Ensure connections are tight.
4. **Connect Wand:** Attach the extension wand to the spray gun.

2. Fuel and Oil

- **Engine Oil:** Fill the engine crankcase with the recommended engine oil (refer to Honda GX390 engine manual for specific type and capacity). Do not overfill.
- **Fuel:** Fill the fuel tank with fresh, unleaded gasoline. Do not use E85 or E15 fuel.

3. Water Connection

- **Garden Hose:** Connect a standard garden hose (minimum 5/8-inch diameter) to the pump's water inlet. Ensure the garden hose is free of kinks and has a steady water supply.
- **Inlet Filter:** Verify the 50 mesh inlet filter is clean and properly installed to protect the pump from debris.
- **Purge Air:** Before starting the engine, turn on the water supply and squeeze the spray gun trigger to purge air from the pump and hose until a steady stream of water emerges.

OPERATING INSTRUCTIONS

1. Pre-Start Checklist

- Check engine oil level.
- Check fuel level.
- Ensure all hose connections are secure.
- Verify water supply is connected and turned on.
- Purge air from the system by squeezing the spray gun trigger.
- Select and attach the desired quick-connect nozzle tip.

2. Starting the Engine

1. Turn the engine switch to the "ON" position.
2. Open the fuel valve.
3. Move the choke lever to the "CLOSED" position (if engine is cold).
4. Pull the starter rope slowly until resistance is felt, then pull quickly and firmly.
5. Once the engine starts, gradually move the choke lever to the "OPEN" position.

3. Using the Pressure Washer

- **Nozzle Selection:** Choose the appropriate quick-connect nozzle tip for your task. Narrower angles (e.g., 0°, 15°) provide higher impact for tough stains, while wider angles (e.g., 40°, soap nozzle) are for general cleaning or applying detergent.
- **Pressure Adjustment:** The unit features an easy-to-adjust pressure unloader. Turn the knob to increase or decrease pressure as needed.
- **Operation:** Hold the spray gun firmly with both hands. Maintain a safe distance from the surface being cleaned. Always start spraying away from the surface and move towards it.

4. Shutting Down

1. Release the spray gun trigger.
2. Turn off the engine switch.
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.

MAINTENANCE

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

Engine Maintenance

- **Oil Change:** Refer to the Honda GX390 engine manual for recommended oil change intervals.
- **Air Filter:** Clean or replace the air filter regularly, especially in dusty conditions.
- **Spark Plug:** Inspect and clean the spark plug periodically. Replace if necessary.

Pump Maintenance

- **Inlet Filter:** Regularly inspect and clean the 50 mesh inlet filter to prevent debris from entering the pump.
- **Winterization:** If storing in freezing temperatures, winterize the pump using a pump saver or non-toxic antifreeze to prevent damage.

Hose and Nozzle Care

- **Hose Inspection:** Inspect the high-pressure hose for cuts, kinks, or leaks before each use. Replace if damaged.
- **Nozzle Cleaning:** Clean clogged nozzle tips using the provided nozzle cleaning tool or a small wire.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine will not start	No fuel; Engine switch OFF; Low oil level; Choke not set correctly	Add fuel; Turn switch ON; Add oil; Adjust choke
Low pressure	Clogged nozzle; Insufficient water supply; Air in pump; Pressure unloader setting	Clean nozzle; Check water source/hose; Purge air; Adjust unloader
Pulsating pressure	Air in pump; Clogged inlet filter; Kinked garden hose	Purge air; Clean inlet filter; Straighten hose
Water leaks from pump	Loose fittings; Damaged seals	Tighten fittings; Contact service for seal replacement

SPECIFICATIONS

Feature	Specification
Brand	Pressure-Pro
Model Number	E4040HG
Power Source	Gasoline-Powered (Honda GX390 Engine)
Maximum Pressure	4000 PSI
Maximum Flow Rate	4.0 GPM
Hose Length	50 Feet (3/8-inch Non-Marking)
Item Weight	99 Pounds
Product Dimensions	1 x 1 x 1 inches (approximate shipping dimensions)
Color	Black, Silver
UPC	871924001080

WARRANTY AND SUPPORT

Pressure-Pro products are built for durability and performance. For specific warranty details, including coverage periods and terms, please refer to the warranty card included with your product or visit the official Pressure-Pro website. For technical support, parts, or service inquiries, please contact Pressure-Pro customer service directly. Keep your purchase receipt for warranty claims.

Note: The aircraft grade aluminum frame comes with a lifetime warranty.