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› VEVOR Gas Pressure Washer 170D User Manual

VEVOR 170D

VEVOR Gas Pressure Washer 170D User Manual

Model: 170D

1. INTRODUCTION

Thank you for choosing the VEVOR Gas Pressure Washer Model 170D. This manual provides essential information for the safe and efficient operation, assembly, maintenance, and troubleshooting of your pressure washer. Please read this manual thoroughly before operating the unit to ensure proper use and to prevent injury or damage.

This gas-powered pressure washer is designed for various cleaning tasks, offering a maximum pressure of 3400 PSI (239.04 kgf/cm²) and a flow rate of 10 L/min. It is suitable for cleaning vehicles, fences, patios, driveways, and other outdoor surfaces.

UNSTOPPABLE WATER SPRAY

Blast stains off in one second

3400 PSI

10L/min Water Flow

EURO V&CE Listed



Figure 1.1: VEVOR Gas Pressure Washer 170D in use, demonstrating its powerful water spray for effective cleaning.

2. SAFETY INFORMATION

Always observe basic safety precautions when using this product to reduce the risk of injury or damage. Failure to follow these instructions may result in serious injury or property damage.

2.1 General Safety Warnings

- **Read the entire manual:** Understand all operating instructions and warnings before use.
- **Wear appropriate safety gear:** Always wear eye protection (safety glasses or goggles), hearing protection, and protective clothing.
- **Keep children and pets away:** Do not allow children or untrained individuals to operate the pressure washer.
- **Operate in a well-ventilated area:** The engine produces carbon monoxide, which is a colorless, odorless, and poisonous gas.
- **Fuel handling:** Handle gasoline with extreme care. Store fuel in approved containers and never refuel a hot or

running engine.

- **High-pressure spray:** Never direct the spray at people, animals, electrical devices, or the unit itself. The high pressure can cause severe injury.
- **Stable surface:** Operate the pressure washer on a stable, level surface to prevent tipping.
- **Check for damage:** Before each use, inspect the unit, hoses, and nozzles for any damage. Do not operate if damaged.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any parts are missing or damaged, contact VEVOR customer service.

- Gas Pressure Washer Unit (main body with engine and pump)
- High-Pressure Hose (26 ft / 8 m)
- Spray Gun
- Wand
- Quick-Connect Nozzles (5 types: 0°, 15°, 25°, 40°, Soap Nozzle)
- Wheels (2)
- Handle Assembly
- 8-10 Wrench (1)
- Phillips Screwdriver (1)
- Spark Plug Socket and Socket Bar (1)



Figure 3.1: Overview of the VEVOR Gas Pressure Washer 170D and its included accessories.

4. SETUP AND ASSEMBLY

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

4.1 Assembly

1. **Attach the Wheels:** Securely attach the two wheels to the main frame using the provided hardware.
2. **Install the Handle:** Slide the handle assembly into the designated slots on the main unit and secure it with the locking pins or bolts.
3. **Connect the High-Pressure Hose:** Connect one end of the high-pressure hose to the pump outlet on the pressure washer and the other end to the spray gun. Ensure connections are tight.
4. **Attach the Wand:** Connect the spray wand to the spray gun.

4.2 Fuel and Oil

The engine is shipped without oil or fuel. You must add both before starting the unit.

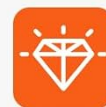
- **Add Engine Oil:** Remove the oil fill cap/dipstick. Add the recommended engine oil (refer to engine manual for type and capacity) until it reaches the full mark on the dipstick. Do not overfill.
- **Add Gasoline:** Fill the fuel tank with fresh, unleaded gasoline (minimum 87 octane). Do not overfill. Leave space for fuel expansion.

4.3 Water Connection

- Connect a garden hose (minimum 5/8 inch diameter) to the water inlet on the pressure washer.
- Ensure the garden hose is free of kinks and has a steady water supply.
- Turn on the water supply completely.
- Squeeze the trigger on the spray gun to purge air from the pump and hose until a steady stream of water emerges. This prevents damage to the pump.

210CC 4-STROKE ENGINE

Low oil consumption supports high intensity cleaning



Longer Lifetime



Low Noise

Figure 4.1: Detailed view of the 210cc 4-stroke engine and axial cam pump, highlighting key components for setup.

5. OPERATING INSTRUCTIONS

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

5.1 Starting the Engine

1. Ensure the water supply is fully on and all air is purged from the system.
2. Turn the engine switch to the "ON" position.
3. Move the choke lever to the "CHOKE" position (cold engine).
4. Move the fuel valve to the "ON" position.
5. Pull the recoil starter handle firmly until the engine starts.
6. Once the engine starts, gradually move the choke lever to the "RUN" position.

5.2 Using Nozzles

The pressure washer comes with 5 quick-connect nozzles for various applications.

- **0° Red Nozzle:** Concentrated, high-impact jet for tough stains and hard-to-reach areas. Use with extreme caution.
- **15° Yellow Nozzle:** Narrow spray for intensive cleaning of small areas.
- **25° Green Nozzle:** Medium spray for general cleaning of most surfaces.
- **40° White Nozzle:** Wide spray for gentle cleaning of delicate surfaces.
- **Black Soap Nozzle:** Low-pressure spray for applying detergent.

To change nozzles, pull back the collar on the quick-connect fitting at the end of the wand, insert the desired nozzle, and release the collar. Ensure the nozzle is securely seated before operating.

5 QUICK-CONNECT NOZZLES

All-in-one pressure washer saves you more



Figure 5.1: The five quick-connect nozzles and their corresponding spray angles and applications.

5.3 Detergent Application

- Fill the detergent tank with pressure washer safe detergent.
- Attach the black soap nozzle to the spray wand.
- Start the engine and squeeze the trigger. The detergent will be drawn from the tank and mixed with the water at low pressure.
- After applying detergent, switch to a high-pressure nozzle (e.g., 25° or 15°) to rinse the surface thoroughly.

5.4 Shutting Down

1. Turn off the engine switch.
2. Turn off the fuel valve.
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.



Item Model Number: **170D**

Net Weight: **58.03lbs / 26.32kg**

Calibration Water Pressure: **3400psi**

Calibrated Water Flow Rate: **10L/min**

High Pressure Hose Length: **26ft / 8m**

Nozzle: **0/15/25/40 Degrees Stainless Steel Nozzle + Foam Nozzle**

Product Size: **28.35x20.67x34.25 in / 720x525x870 mm**

Accessories: **8-10 Wrench x 1 / Phillips Screwdriver x 1
Spark Plug Socket and Socket Bar x 1**

Figure 5.2: The extended reach provided by the 26 ft (8 m) high-pressure hose, allowing for versatile cleaning applications.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pressure washer. Always disconnect the spark plug wire before performing any maintenance.

6.1 Engine Maintenance

- **Check Engine Oil:** Check oil level before each use. Change oil after the first 5 hours of operation, then every 50 hours or annually.
- **Clean Air Filter:** Inspect the air filter every 25 hours or more often in dusty conditions. Clean or replace as needed.
- **Check Spark Plug:** Inspect the spark plug annually or every 100 hours. Clean or replace if necessary.

6.2 Pump Maintenance

- **Clean Water Inlet Filter:** Regularly check and clean the screen filter on the water inlet to prevent debris from entering the pump.
- **Winterization:** If storing the pressure washer in freezing temperatures, use a pump protector or RV antifreeze to prevent damage to the pump.

6.3 Hose and Nozzle Maintenance

- **Inspect Hoses:** Regularly check the high-pressure hose and garden hose for cuts, leaks, or damage. Replace if necessary.
- **Clean Nozzles:** If a nozzle becomes clogged, use the included nozzle cleaning tool to clear any obstructions.

7. TROUBLESHOOTING

This section provides solutions to common problems you might encounter.

Problem	Possible Cause	Solution
Engine will not start	No fuel Engine switch OFF Choke not set correctly Spark plug issue	Add fresh fuel Turn engine switch to ON Adjust choke lever Check/clean/replace spark plug
Low water pressure	Insufficient water supply Clogged nozzle Air in pump Damaged pump	Ensure full water supply Clean nozzle Purge air from pump Contact service center
Engine runs rough	Stale fuel Clogged air filter Spark plug issue	Drain and refill with fresh fuel Clean/replace air filter Check/clean/replace spark plug
Water leaks from pump	Loose fittings Damaged seals	Tighten all connections Contact service center

8. SPECIFICATIONS

Technical specifications for the VEVOR Gas Pressure Washer Model 170D.

- **Brand:** VEVOR
- **Model:** 170D
- **Power Source:** Gasoline-powered
- **Engine:** 210cc 4-stroke, 7 HP
- **Maximum Pressure:** 3400 PSI (239.04 kgf/cm²)
- **Maximum Flow Rate:** 10 L/min

- **High-Pressure Hose Length:** 26 ft (8 m)
- **Nozzles:** 5 Quick-Connect (0°, 15°, 25°, 40°, Soap Nozzle)
- **Product Dimensions (L x W x H):** 52.5 x 72 x 87 cm (20.67 x 28.35 x 34.25 inches)
- **Item Weight:** 58.03 lbs (26.32 kg)
- **UPC:** 197988808220



Figure 8.1: Dimensional drawing and key specifications of the VEVOR Gas Pressure Washer 170D.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to order replacement parts, please contact VEVOR customer service. Keep your purchase receipt and product model number handy for faster service.

You can typically find support contact information on the VEVOR official website or through your retailer.



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