

## Champion Power Equipment 100385

# Champion Power Equipment 100385 3200-PSI 2.4-GPM Gas Pressure Washer Instruction Manual

Model: 100385

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## INTRODUCTION

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This manual provides essential instructions for the safe and effective use of your Champion Power Equipment 100385 3200-PSI 2.4-GPM Gas Pressure Washer. This unit is designed for various outdoor cleaning tasks, offering powerful performance for patios, decks, outdoor furniture, siding, fences, driveways, vehicles, and farm equipment. Please read this manual thoroughly before assembly, operation, or maintenance to ensure proper usage and longevity of your pressure washer.



*The Champion Power Equipment 100385 3200-PSI 2.4-GPM Gas Pressure Washer, ready for use.*

## **SAFETY INFORMATION**

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Always prioritize safety when operating the pressure washer. High-pressure water can cause serious injury. Ensure you wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, gloves, and sturdy footwear. Always read the entire owner's manual before operating the unit.

Always wear safety glasses, hearing protection, gloves, and appropriate footwear when operating the pressure washer.

Familiarize yourself with all controls and safety features. Never point the spray gun at people, animals, or electrical outlets. Keep children and pets away from the operating area.

## SETUP

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

1. **Unboxing:** Carefully open the box and remove all components. Ensure all parts listed in your owner's manual are present.
2. **Assembly:** Assemble the pressure washer unit according to the instructions in your manual. This typically involves attaching the handle and wheels.
3. **Add Engine Oil:** Before starting, add the recommended engine oil (10W-30) to the engine crankcase. Use the provided oil funnel to prevent spills. The unit has a 0.6 qt. oil capacity.
4. **Move Outside:** Always operate the pressure washer outdoors in a well-ventilated area to prevent carbon monoxide buildup.
5. **Add Gasoline:** Fill the fuel tank (0.9-gallon capacity) with fresh, unleaded gasoline. Do not overfill.
6. **Assemble Trigger Gun:** Connect the spray wand to the trigger gun.
7. **Attach Nozzle:** Select the appropriate quick-connect nozzle for your task (0°, 15°, 25°, 40°, or soap nozzle) and attach it securely to the spray wand.
8. **Connect High-Pressure Hose:** Connect one end of the 50-foot high-pressure hose to the pump outlet and the other end to the trigger gun.
9. **Connect Water Supply:** Connect a garden hose to the pressure washer's water inlet. Ensure the garden hose is free of kinks and has a steady water supply.
10. **Purge Air:** Turn on the water supply. Squeeze the trigger on the spray gun to purge air from the system until a steady stream of water flows out. This prevents damage to the pump.



*Connecting the high-pressure hose to the pump.*



*Attaching a quick-connect nozzle to the spray wand.*

## Video: Pressure Washer Setup and Operation

Your browser does not support the video tag.

*This video demonstrates the unboxing, assembly, oil and fuel addition, hose connections, and initial startup of the pressure washer.*

## OPERATION

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Once setup is complete, you are ready to operate your pressure washer:

1. **Starting the Engine:** Follow the starting procedure outlined in your owner's manual. This typically involves setting the choke, turning on the fuel valve, and pulling the recoil start handle.
2. **Nozzle Selection:** The pressure washer includes five quick-connect nozzles (0°, 15°, 25°, 40°, and soap). Choose the appropriate nozzle for your cleaning task. The 0° nozzle provides a concentrated stream for tough stains, while the 40° nozzle offers a wider, gentler spray for delicate surfaces.
3. **Detergent Application:** For applying cleaning detergents, use the black soap nozzle and the 4-foot detergent hose. Place the end of the detergent hose into a bucket of pressure washer-safe detergent. The unit will draw detergent at low pressure.
4. **Cleaning:** Hold the spray gun firmly with both hands. Start spraying a few feet away from the surface and gradually move closer until the desired cleaning effect is achieved. Always test on an inconspicuous area first.



*Cleaning a driveway with the pressure washer.*

### IDEAL FOR:



*The pressure washer is ideal for cleaning siding, stairs, fencing, decks, patios, second stories, boats, RVs, driveways, farm equipment, and vehicles.*

## MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your pressure washer. Refer to your owner's manual for a detailed maintenance schedule.

- **Engine Oil:** Check engine oil levels before each use. The unit features a low oil shut-off sensor to protect the engine.
- **Air Filter:** Inspect and clean the air filter regularly.
- **Spark Plug:** Inspect and clean or replace the spark plug as needed.
- **Fuel System:** Use fresh fuel and consider a fuel stabilizer for storage.
- **Pump:** Flush the pump with a pump protector solution before long-term storage to prevent freezing and corrosion.

Always disconnect the spark plug wire before performing any maintenance to prevent accidental starting.

## TROUBLESHOOTING

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If you encounter issues with your pressure washer, consult the troubleshooting section of your owner's manual for common problems and solutions. Here are a few general tips:

- **Engine Not Starting:** Check fuel level, oil level, spark plug connection, and ensure the engine switch is in the 'ON' position.
- **Low Pressure:** Verify the water supply is fully open, the garden hose is not kinked, and the correct nozzle is selected and clean.
- **Water Leaks:** Check all hose connections for tightness and inspect O-rings for damage.

For persistent issues, contact Champion Power Equipment customer support.

## SPECIFICATIONS

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Feature	Specification
Brand	Champion Power Equipment
Model Number	100385
Maximum Pressure	3200 PSI
Maximum Flow Rate	2.4 GPM
Engine	224cc Champion Single-Cylinder OHV
Fuel Tank Capacity	0.9 Gallons
Oil Capacity	0.6 Quarts (Recommended 10W-30)
Pump Type	Annovi Reverberi Heavy-Duty Axial Cam
High-Pressure Hose Length	50 feet
Detergent Hose Length	4 feet
Nozzles Included	0°, 15°, 25°, 40°, Soap (Quick-Connect)
Tires	10-inch Pneumatic
Certifications	EPA Certified, CARB Compliant

Feature	Specification
Item Weight	94.8 Pounds

## WARRANTY & SUPPORT

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Your Champion Power Equipment 100385 pressure washer is backed by a **2-year limited warranty**. Champion Support also provides **FREE lifetime technical support** from dedicated experts.

For warranty claims, technical assistance, or to locate a service center, please refer to the contact information provided in your full owner's manual or visit the official Champion Power Equipment website.