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› Sun Joe SPX2000 Electric Pressure Washer User Manual

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Model: SPX2000

1. INTRODUCTION

Thank you for purchasing the Sun Joe SPX2000 Electric Pressure Washer. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new pressure washer. Please read this manual thoroughly before use and keep it for future reference.

Important Safety Information

- Always wear appropriate eye protection (safety goggles) and hearing protection during operation.
- Ensure the work area is clear of obstacles and other people, especially children and pets.
- Never point the spray gun at people, animals, or electrical devices.
- Always disconnect the power supply before performing any maintenance or cleaning.
- Use only manufacturer-recommended accessories and replacement parts.

2. PRODUCT OVERVIEW

The Sun Joe SPX2000 is a powerful electric pressure washer designed for light to medium-duty cleaning tasks around your home, garden, and vehicles. It features a robust motor and a range of accessories to tackle various cleaning challenges.

Key Components and Features

- **Powerful Motor:** 1500W / 12.5-Amp motor delivers up to 1740 PSI of pressure and 1.59 GPM flow rate.
- **Adjustable Nozzle:** Twist nozzle allows for easy adjustment from a pinpoint jet (0°) to a wide fan spray (45°).
- **On-board Detergent Tank:** Integrated 0.9-liter tank for applying cleaning solutions.
- **Total Stop System (TSS):** Automatically shuts off the pump when the trigger is not engaged, saving energy and prolonging pump life.
- **Extension Wand:** 34-inch extension wand for extended reach.
- **Wheels:** Rear wheels for easy portability.





Figure 2.1: Sun Joe SPX2000 Electric Pressure Washer unit.



Figure 2.2: Included components: pressure washer gun, high-pressure hose, detergent tank, and cleaning needle.

3. SETUP

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

1. **Attach the Handle:** Secure the handle to the main unit using the provided screws.
2. **Install Detergent Tank:** Snap the detergent tank into its designated slot and connect the suction tube.
3. **Attach Hose Holder:** Screw the hose holder onto the unit.
4. **Connect Spray Gun:** Lock the extension wand into the spray gun.
5. **Connect High-Pressure Hose:** Attach one end of the high-pressure hose to the spray gun and the other end to the pressure washer unit's high-pressure outlet.
6. **Connect Garden Hose:** Connect your garden hose to the water inlet on the pressure washer. Ensure a tight connection to prevent leaks.
7. **Power Connection:** Plug the pressure washer into a grounded electrical outlet. The unit features a GFCI (Ground Fault Circuit Interrupter) for safety.



Figure 3.1: The power cord with its integrated GFCI for electrical safety.

Setup and Assembly Video



Video 3.1: Official Sun Joe video demonstrating the assembly and initial setup of the SPX2000 pressure washer.

4. OPERATING INSTRUCTIONS

Starting the Unit

1. Ensure all connections are secure and the water supply is turned on.
2. Turn the pressure washer's power switch to the "ON" position.
3. Squeeze the spray gun trigger to release any trapped air and allow water to flow steadily.

Adjusting Spray Pattern

The adjustable nozzle allows you to change the spray pattern to suit your cleaning needs. Twist the nozzle to switch between a concentrated 0° pinpoint jet for tough stains and a wider 45° fan spray for general cleaning.



Figure 4.1: Pressure washing stone steps with a focused spray.



Figure 4.2: Cleaning a concrete surface with the pressure washer.

Using the Detergent Tank

For enhanced cleaning, fill the on-board detergent tank with a pressure washer-safe cleaning solution. The detergent will be automatically mixed with the water when the pressure washer is operating at low pressure or with the appropriate nozzle setting (refer to your specific nozzle instructions if applicable).

Cleaning Tips

- Always test the spray on an inconspicuous area first to avoid damage.
- Work from top to bottom on vertical surfaces to prevent streaking.
- Maintain a consistent distance from the surface to ensure even cleaning.



Figure 4.3: A person operating the Sun Joe SPX2000 to clean a concrete patio.



Figure 4.4: The pressure washer's wheels allow for easy movement across surfaces.

5. MAINTENANCE

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

After Each Use

- **Flush Detergent System:** If using detergent, flush the system by running clean water through the detergent tank until it's empty.
- **Turn Off Water Supply:** Close the water faucet.
- **Release Pressure:** Squeeze the spray gun trigger to release any remaining pressure in the system.
- **Disconnect Hoses:** Disconnect the garden hose and high-pressure hose from the unit.
- **Clean Nozzle:** Use the provided cleaning needle to clear any blockages from the nozzle.

Storage

- Store the pressure washer in a dry, frost-free area.
- For prolonged storage, especially in cold climates, winterize the unit by running a pump protector solution through it to prevent freezing and damage.
- Coil the high-pressure hose and power cord neatly on the integrated storage hooks.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Motor does not start	Power cord not plugged in; GFCI tripped; No power at outlet.	Check power connection; Reset GFCI; Check circuit breaker.
Low pressure	Insufficient water supply; Clogged nozzle; Air in pump.	Ensure full water flow; Clean nozzle; Squeeze trigger to purge air.
No water flow	Water supply off; Kinked hose; Inlet filter clogged.	Turn on water; Straighten hose; Clean inlet filter.
Detergent not dispensing	Detergent tank empty; Nozzle not set for detergent application.	Fill tank; Adjust nozzle to low-pressure/detergent setting.

7. SPECIFICATIONS

Specification	Value
Model Number	SPX2000
Power Source	Electric
Motor	12.5-Amp / 1500-Watt
Maximum Pressure	1740 PSI
Maximum Flow Rate	1.59 GPM
Hose Length	20 Feet
Detergent Tank Capacity	0.9 Liters
Item Weight	17.4 Pounds
Product Dimensions (L x W x H)	22.1" x 14.9" x 11.8"
Color	Green
Manufacturer	Snow Joe LLC

8. WARRANTY AND SUPPORT

The Sun Joe SPX2000 Electric Pressure Washer is backed by a full two-year warranty. For detailed warranty information, technical support, or to order replacement parts, please refer to the official user manual PDF or visit the Sun Joe website. Official User Manual (PDF): [Download Here](#)

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