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› Sun Joe SPX3001 Electric Pressure Washer User Manual

Sun Joe SPX3001

Sun Joe SPX3001 Electric Pressure Washer User Manual

Model: SPX3001 | Brand: Sun Joe

1. INTRODUCTION AND OVERVIEW

The Sun Joe SPX3001 Electric Pressure Washer is designed for powerful and efficient cleaning of various outdoor surfaces. With a robust 2030 PSI (PWMA Certified) and 1.76 GPM, it effectively tackles dirt, grime, and tough stains on driveways, patios, vehicles, and more. This manual provides essential information for safe operation, assembly, maintenance, and troubleshooting to ensure optimal performance and longevity of your pressure washer.



Figure 1.1: Sun Joe SPX3001 Electric Pressure Washer with included accessories.

2. IMPORTANT SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the pressure washer. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

General Safety Rules:

- **Electrical Safety:** Ensure the power outlet is rated for 20 amps or more to prevent circuit breaker trips. Always plug the unit into a GFCI (Ground Fault Circuit Interrupter) protected outlet.
- **Water Connection:** Always connect the garden hose and allow water to flow through the system to purge air before

turning on the unit.

- **Personal Protective Equipment:** Wear appropriate eye protection, hearing protection, and protective clothing when operating the pressure washer.
- **Operating Environment:** Do not operate the pressure washer in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Children and Bystanders:** Keep children and bystanders away while operating the pressure washer.
- **Total Stop System (TSS):** The unit features a TSS that automatically shuts off the pump when the trigger is released, saving energy and prolonging pump life.

3. PACKAGE CONTENTS

Carefully remove all items from the packaging and inspect them for any damage. If any parts are missing or damaged, do not assemble or operate the unit. Contact customer service for assistance.

- Electric Pressure Washer Unit (SPX3001)
- High-Pressure Hose with Onboard Reel (35-ft)
- Spray Wand with Quick-Connect Collar
- 5 Quick-Connect Nozzles (0°, 15°, 25°, 40°, Soap)
- Detergent Tank (40.6 fl oz / 1.2 L)
- Garden Hose Adapter
- Needle Clean-Out Tool
- Power Cord with GFCI Protection

YOU NAME IT. YOU AIM IT. GRIME IS GONE®



Electric Pressure Washer

with Onboard Hose Reel
2030 PSI
1.2 GPM



Powerful 13-Amp Motor

13-amp motor delivers 2030 PSI and 1.2 GPM.



5 Quick-Connect Spray Nozzles

Customize water pressure and flow for different cleaning tasks.



Detergent Tank

40.6 fluid ounce onboard detergent tank.



Stainless Steel Lance

Durable, corrosion-resistant, and efficient.

Figure 3.1: Main components of the Sun Joe SPX3001.

4. ASSEMBLY

Follow these steps to assemble your Sun Joe SPX3001 Electric Pressure Washer:

1. **Attach Wheels:** Securely attach the wheels to the base of the unit.
2. **Install Handle:** Slide the upper handle assembly into the main unit until it clicks into place.
3. **Connect High-Pressure Hose:** Connect one end of the high-pressure hose to the outlet on the pressure washer unit and the other end to the spray gun. Ensure connections are tight.
4. **Attach Spray Wand:** Connect the spray wand to the spray gun.
5. **Mount Detergent Tank:** Slide the detergent tank into its designated slot on the unit.

5. SETUP

Proper setup is crucial for safe and effective operation.

1. **Water Supply Connection:** Connect your garden hose (minimum 5/8 inch diameter) to the water inlet on the pressure washer. Ensure the water supply is clean and free of debris.
2. **Purge Air from System:** Turn on the water supply completely. Squeeze the trigger on the spray gun to allow water to flow through the system, purging any air. Continue until a steady stream of water emerges from the nozzle. This prevents damage to the pump.
3. **Power Connection:** Plug the GFCI power cord into a grounded 120V AC electrical outlet. Ensure the outlet is rated for at least 15 amps (preferably 20 amps for optimal performance). The GFCI indicator light should illuminate.
4. **Select Nozzle:** Choose the appropriate quick-connect nozzle for your cleaning task and attach it to the spray wand.



Figure 5.1: Connecting the pressure washer to a water source and power outlet.

6. OPERATING INSTRUCTIONS

Once set up, your Sun Joe SPX3001 is ready for use.

Starting the Unit:

1. Ensure water supply is on and air is purged.
2. Turn the ON/OFF switch to the 'ON' position. The motor will run briefly to build pressure and then shut off due to the Total Stop System (TSS).
3. Squeeze the spray gun trigger to begin spraying. The motor will restart automatically.

Nozzle Selection:

The SPX3001 comes with 5 quick-connect nozzles for various cleaning applications:

- **0° (Red):** Pinpoint jet for extremely stubborn dirt and stains. Use with extreme caution.
- **15° (Yellow):** Narrow, high-pressure spray for tough stains on hard surfaces.
- **25° (Green):** Medium-pressure spray for general cleaning of most surfaces.
- **40° (White):** Wide, low-pressure spray for delicate surfaces and light cleaning.
- **Soap (Black):** Low-pressure spray for applying detergent.

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5 QUICK-CONNECT NOZZLES

- 0° for Pinpoint
- 15° for Tough Stains
- 25° for General Cleaning
- 40° for Wide Coverage
- Soap for Detergent to Surfaces

Figure 6.1: Understanding the different quick-connect nozzle types and their uses.

Using the Detergent Tank:

The integrated 40.6 oz (1.2 L) detergent tank allows for easy application of cleaning solutions.

1. Fill the detergent tank with a pressure washer safe detergent.
2. Attach the black (Soap) quick-connect nozzle to the spray wand.
3. Squeeze the trigger to apply detergent. The unit will automatically draw detergent from the tank.
4. After applying detergent, switch to a high-pressure nozzle (e.g., 25° or 15°) to rinse the surface.



Figure 6.2: The onboard detergent tank for easy soap application.

7. MAINTENANCE

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

After Each Use:

- **Drain Water:** Disconnect the water supply and power. Squeeze the spray gun trigger to release any remaining pressure and drain water from the high-pressure hose and pump.
- **Clean Nozzles:** Use the included needle clean-out tool to remove any blockages from the nozzle tips.
- **Clean Detergent Tank:** Rinse the detergent tank thoroughly with clean water if using detergent.
- **Storage:** Store the pressure washer in a dry, frost-free environment. Use the onboard hose reel to neatly store the

high-pressure hose and power cord.

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SUNJOE

Onboard Hose Reel

Keeps 20-foot steel reinforced high pressure hose organized for easy storage. 35-ft GFCI protected power cord

Detergent Tank

40.6 fluid ounce onboard detergent tank



Figure 7.1: The integrated hose reel for organized storage.

8. 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; ON/OFF switch off; No power at outlet.	Check power connection; Reset GFCI; Turn switch ON; Check circuit breaker.

Problem	Possible Cause	Solution
Low pressure	Insufficient water supply; Clogged nozzle; Air in pump; Kinked hose.	Ensure full water flow; Clean nozzle; Purge air from system; Straighten hose.
Motor stops frequently (cycling)	Air in pump; Water supply interrupted; Leak in system.	Purge air; Check water supply; Inspect connections for leaks.
Detergent not dispensing	Detergent tank empty; Wrong nozzle selected (must be black soap nozzle); Clogged detergent line.	Refill tank; Select black nozzle; Clean detergent line.

9. SPECIFICATIONS

Key technical specifications for the Sun Joe SPX3001 Electric Pressure Washer:

Model: SPX3001

Brand: Sun Joe

Power Source: Corded Electric

Maximum Pressure: 2030 PSI (PWMA Certified)

Maximum Flow Rate: 1.76 GPM

Motor: 13-Amp

Hose Length: 35 Feet (High-Pressure Hose)

Power Cord Length: 35 Feet (with GFCI)

Detergent Tank Volume: 40.6 fl oz (1.2 Liters)

Item Weight: 36 Pounds

Product Dimensions (L x W x H): 16.5" x 14.4" x 33.5"

10. WARRANTY AND SUPPORT

For detailed warranty information, product registration, or technical support, please refer to the official Sun Joe website or the full user manual provided with your purchase. You can also find a digital version of the user manual at the following link:

[Download Official User Manual \(PDF\)](#)

For further assistance, contact Sun Joe customer service.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question