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› Sun Joe SPX3000-RED Electric Pressure Washer User Manual

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Model: SPX3000-RED

Brand: Sun Joe

1. INTRODUCTION

Thank you for purchasing the Sun Joe SPX3000-RED Electric Pressure Washer. This manual provides important information regarding the safe operation, assembly, maintenance, and troubleshooting of your pressure washer. Please read this manual thoroughly before operating the unit and keep it for future reference.





Figure 1: The Sun Joe SPX3000-RED Electric Pressure Washer, showcasing its compact and portable design.

2. SAFETY INFORMATION

Always follow basic safety precautions when using this product to reduce the risk of injury, electric shock, or fire. Ensure all connections are secure before operation. Do not operate the unit if any parts are damaged. Keep children and pets away from the operating area.

- Always wear appropriate personal protective equipment, including eye protection.
- Ensure the power cord and connections are free from damage.
- Do not point the spray gun at people or animals.
- Disconnect from power supply before performing any maintenance.

3. SETUP AND ASSEMBLY

Your Sun Joe SPX3000-RED pressure washer requires minimal assembly. Follow these steps to prepare your unit for first use:

1. **Attach the High-Pressure Hose:** Connect one end of the high-pressure hose to the pressure washer's outlet and the other end to the spray gun. Ensure connections are hand-tight and secure.
2. **Connect Water Supply:** Attach a standard garden hose (not included) to the water inlet on the front of the pressure washer. Ensure the connection is tight to prevent leaks.
3. **Install Spray Wand and Nozzle:** Insert the spray wand into the spray gun and twist to lock. Select the desired quick-connect nozzle (0°, 15°, 25°, 40°, or soap) and push it firmly into the quick-connect collar on the spray wand until it clicks into place.
4. **Fill Detergent Tanks (Optional):** If using detergent, fill the two 0.9L onboard removable detergent tanks with your preferred pressure washer-safe detergent.
5. **Connect Power:** Plug the 35-foot power cord into a grounded 120V AC electrical outlet.





Figure 2: Front view of the pressure washer, highlighting the water inlet connection point.



Figure 3: Side view showing the high-pressure hose and spray wand properly attached to the unit.



Figure 4: Overview of all included accessories, including the spray gun, wand, hose, and various nozzles.

4. OPERATING INSTRUCTIONS

Once assembled and connected, your Sun Joe SPX3000-RED is ready for operation. This unit is powered by an 1800W/14.5-Amp motor, delivering up to 2030 PSI of water pressure and 1.76 GPM of water flow.

1. **Turn on Water Supply:** Fully open the water faucet to ensure a steady flow to the pressure washer.
2. **Purge Air from System:** Squeeze the trigger on the spray gun until a steady stream of water emerges, indicating all air has been purged from the pump and hose.
3. **Power On:** Turn the power switch located on the front of the unit to the 'ON' position. The motor will start.
4. **Begin Cleaning:** Point the spray gun at the surface to be cleaned, maintaining a safe distance. Squeeze the trigger to activate the high-pressure spray. The Total Stop System (TSS) will automatically shut off the pump when the trigger is not engaged, saving energy and prolonging pump life.
5. **Using Detergent:** If using detergent, turn the detergent selection dial to choose between Tank 1 or Tank 2. The detergent will be automatically mixed with the water when using the black soap nozzle.

6. **Changing Nozzles:** Release the trigger and engage the safety lock on the spray gun. Pull back the quick-connect collar on the spray wand, remove the current nozzle, and insert a new one until it clicks securely.



Figure 5: Effective cleaning of a car wheel using the pressure washer.



Figure 6: Demonstrating the pressure washer's capability on a wooden deck surface.



Figure 7: Applying detergent to a wooden deck for enhanced cleaning.



Figure 8: The five quick-connect nozzles (0°, 15°, 25°, 40°, and soap) for various cleaning tasks.

5. MAINTENANCE

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

- **After Each Use:** Turn off the power, shut off the water supply, and squeeze the spray gun trigger to release any remaining pressure. Disconnect hoses and drain all water from the unit to prevent freezing in cold weather.
- **Nozzle Cleaning:** Use the included nozzle cleaning tool to clear any blockages from the nozzle tips.
- **Water Inlet Filter:** Periodically check and clean the water inlet filter to prevent debris from entering the pump.
- **Storage:** Store the pressure washer in a dry, frost-free area.

6. TROUBLESHOOTING

If you encounter issues with your pressure washer, refer to the common problems and solutions below:

Problem	Possible Cause	Solution
Motor does not start	Power cord not plugged in; GFCI tripped; Power switch OFF	Ensure power cord is securely plugged in; Reset GFCI; Turn power switch ON.
No water flow or low pressure	Water supply off; Kinked garden hose; Clogged nozzle; Air in pump	Turn on water supply; Straighten hose; Clean nozzle; Purge air from system by squeezing trigger.
Unit cycles on and off	Air in pump; Water leak; Inlet filter clogged	Purge air; Check all connections for leaks; Clean inlet filter.
Detergent not dispensing	Detergent tank empty; Detergent selection dial not set; Wrong nozzle used	Refill tank; Set dial to desired tank; Use black soap nozzle.
Hard Reset	Unit unresponsive	Unplug the unit, wait 5 minutes, then plug back in. This can resolve minor electronic glitches.

7. SPECIFICATIONS

Specification	Value
Brand	Sun Joe
Model Number	SPX3000-RED
Power Source	Electric
Maximum Pressure	2030 PSI
Maximum Flow Rate	1.76 GPM
Motor	14.5-Amp / 1800W
Hose Length	20 Feet
Power Cord Length	35 Feet
Item Weight	31 Pounds
Product Dimensions (L x W x H)	23.5" x 20.5" x 15.5"
Detergent Tank Capacity	Dual 0.9L
Certifications	CSA Listed

8. WARRANTY AND SUPPORT

The Sun Joe SPX3000-RED Electric Pressure Washer comes with a full two-year warranty from the date of purchase. For warranty claims, technical support, or to access the official user manual in PDF format, please visit the Sun Joe website or contact their customer service.

You can also download the official User Manual (PDF)[here](#).

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