

Sun Joe SPX2680-MAX

Sun Joe Electric Pressure Washer User Manual

Model: SPX2680-MAX | Brand: Sun Joe

1. IMPORTANT SAFETY INFORMATION

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

- Always wear appropriate personal protective equipment, including safety glasses or goggles, and hearing protection.
- Ensure the power cord is connected to a grounded outlet with a Ground Fault Circuit Interrupter (GFCI).
- Do not direct the water stream at people, pets, or electrical devices.
- Keep the operating area clear of all persons, especially children and pets.
- Never operate the pressure washer without a water supply connected and turned on. Dry running can damage the pump.
- Disconnect the power supply before performing any maintenance or cleaning.

2. PRODUCT OVERVIEW

The Sun Joe SPX2680-MAX Electric Pressure Washer is designed for efficient cleaning of various outdoor surfaces. It features a powerful motor and a range of accessories for versatile use.

Key Features:

- 13-Amp motor delivering up to 1,600 PSI rated pressure and 1.1 GPM rated flow.
- PWMA Certified for reliable performance.
- Onboard 11.2 fl oz foam cannon for detergent application.
- Total Stop System (TSS) for energy conservation and extended pump life.
- Quick-Connect nozzles (0°, 15°, 40°) for various spray patterns.
- 34-inch extension wand for reaching difficult areas.

Components:





Figure 2.1: Front view of the Sun Joe SPX2680-MAX Electric Pressure Washer, showcasing its compact design and integrated detergent tank.



Figure 2.2: The pressure washer displayed with its included accessories, including the high-pressure hose, spray wand, quick-connect nozzles, and foam cannon.



Figure 2.3: A detailed view of the onboard foam cannon, designed for direct application of cleaning detergents.



Figure 2.4: The foam cannon in operation, demonstrating the wide spray pattern for effective detergent coverage.



Figure 2.5: The pressure washer being used to clean a wooden deck, illustrating its effectiveness on outdoor surfaces.





Figure 2.6: Front view of the pressure washer with the spray wand attached, ready for operation.



3. SETUP

Proper setup ensures safe and efficient operation of your pressure washer.

1. **Unpack and Assemble:** Remove all components from the packaging. Attach the handle (if separate) and ensure all parts are securely fastened.
2. **Connect Water Supply:**
 - Connect a standard garden hose (minimum 5/8 inch diameter) to the water inlet on the pressure washer. Ensure the connection is tight to prevent leaks.
 - Turn on the water supply completely to allow water to flow through the unit and expel any air.
3. **Attach High-Pressure Hose:** Connect the high-pressure hose to the outlet on the pressure washer and to the spray gun. Hand-tighten securely.
4. **Attach Spray Wand and Nozzle:**
 - Insert the spray wand into the spray gun and twist to lock it in place.
 - Select the desired Quick-Connect nozzle (0°, 15°, or 40°) and push it firmly into the quick-connect collar on the spray wand until it clicks into place.
5. **Fill Detergent Tank (Optional):** If using detergent, fill the onboard foam cannon with appropriate pressure washer detergent. Do not use bleach or solvents.
6. **Connect Power:** Plug the GFCI-protected power cord into a suitable grounded electrical outlet. Ensure the GFCI is reset before operation.

4. OPERATING INSTRUCTIONS

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

1. **Start-Up Procedure:**
 - Ensure the water supply is fully open.
 - Squeeze the trigger on the spray gun to release any air trapped in the pump and hose. Hold the trigger until a steady stream of water emerges.
 - Turn the pressure washer's power switch to the "ON" position. The motor will start.
2. **Using Nozzles:**
 - **0° (Red) Nozzle:** Provides a pinpoint stream for intense cleaning of small, tough spots. Use with extreme caution as it can damage surfaces.
 - **15° (Yellow) Nozzle:** Delivers a narrow, powerful spray for concentrated cleaning of hard surfaces like concrete or brick.
 - **40° (White) Nozzle:** Offers a wide, gentle spray for general cleaning of delicate surfaces, vehicles, or large areas.
 - To change nozzles, turn off the pressure washer and release any residual pressure by squeezing the trigger. Pull back the quick-connect collar, remove the current nozzle, and insert the new one.
3. **Using the Foam Cannon:**
 - Ensure the foam cannon is filled with appropriate pressure washer detergent.
 - Attach the foam cannon to the spray gun.

- The pressure washer will automatically draw detergent when the foam cannon is attached and the unit is operating.

4. **Total Stop System (TSS):** The TSS feature automatically shuts off the pump when the trigger is not engaged. This conserves energy and prolongs the life of the pump. The motor will restart when the trigger is squeezed again.

5. **Shut-Down Procedure:**

- Turn the pressure washer's power switch to the "OFF" position.
- Turn off the water supply.
- Squeeze the trigger on the spray gun to release any remaining pressure in the system.
- Disconnect the garden hose and high-pressure hose.

5. MAINTENANCE

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

- **Nozzle Cleaning:** If a nozzle becomes clogged, use the included nozzle cleaning tool (or a paper clip) to clear any debris from the nozzle opening. Rinse the nozzle with water.
- **Water Inlet Filter:** Periodically check and clean the water inlet filter to prevent debris from entering the pump. Remove the filter, rinse it under running water, and reinsert.
- **Storage:**
 - Before storing, drain all water from the pump, hose, and spray gun to prevent freezing damage. Run the unit for a few seconds without water to clear the pump.
 - Store the pressure washer in a dry, frost-free area.
 - Coil the high-pressure hose and power cord neatly.
- **Detergent Tank:** After each use with detergent, rinse the foam cannon thoroughly with clean water to prevent residue buildup.

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. Low voltage.	Plug in power cord. Reset GFCI. Check circuit breaker/fuse. Ensure proper voltage supply.
No water coming from nozzle / Low pressure	Water supply off or restricted. Air in pump/hose. Clogged nozzle. Kinked garden hose. Water inlet filter clogged.	Turn on water supply fully. Squeeze trigger to purge air. Clean nozzle. Straighten hose. Clean water inlet filter.

Problem	Possible Cause	Solution
Motor stops frequently (TSS)	Normal operation of Total Stop System. Water supply issues.	This is normal. The motor stops when the trigger is released. Ensure adequate water flow.
Detergent not dispensing	Foam cannon empty. Foam cannon clogged. Incorrect nozzle selected (detergent only works with certain nozzles, typically low-pressure/foam nozzles).	Refill foam cannon. Clean foam cannon. Ensure foam cannon is properly attached.

7. SPECIFICATIONS

Specification	Value
Model Number	SPX2680-MAX
Brand	Sun Joe
Power Source	Corded Electric
Item Weight	17 Pounds
Product Dimensions (L x W x H)	11" x 9" x 19"
Maximum Flow Rate	1.2 Gallons Per Minute
UPC	842470126770

8. WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please refer to the official Sun Joe website or contact their customer service directly.

You can visit the official Sun Joe store for more information and product support:[Sun Joe Store on Amazon](#).

Protection plans may also be available for extended coverage. Please check with your retailer for details.

