

Sun Joe SPX3501

Sun Joe SPX3501 Electric Pressure Washer User Manual

Model: SPX3501

INTRODUCTION

The Sun Joe SPX3501 Electric Pressure Washer is designed for tackling a variety of outdoor cleaning tasks, from homes and vehicles to decks and driveways. Equipped with a powerful brushless induction motor, it delivers high-pressure cleaning performance. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your pressure washer.

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and personal injury. Read all instructions before using the pressure washer.

- Ensure the power source matches the voltage specified on the product label.
- Do not operate the pressure washer if the power cord or plug is damaged.
- Keep children and pets away from the operating area.
- Wear appropriate personal protective equipment, including eye protection.
- Never direct the spray at people, pets, or electrical devices.
- Always disconnect the power supply before performing any maintenance or cleaning.

PRODUCT OVERVIEW

Familiarize yourself with the components of your Sun Joe SPX3501 Electric Pressure Washer before operation.



Figure 1: Sun Joe SPX3501 Electric Pressure Washer with all included accessories, including the main unit, spray gun, wand, quick-connect nozzles, and high-pressure hose.



*At initial discharge per CSA internal pressure testing.

Figure 2: A side view of the Sun Joe SPX3501 Electric Pressure Washer, highlighting its compact design and wheels for portability.

Key Components:

- **Main Unit:** Houses the motor, pump, and detergent tank.
- **Spray Gun:** Handheld device for controlling water flow and pressure.
- **Spray Wand:** Extension attached to the spray gun for extended reach.
- **Quick-Connect Nozzles:** Interchangeable tips for various spray patterns (0°, 15°, 25°, 40°, Soap).
- **High-Pressure Hose:** Connects the main unit to the spray gun.
- **Hose Reel:** Integrated reel for convenient storage of the high-pressure hose.
- **Detergent Tank:** Onboard reservoir for liquid detergent.

SETUP

1. Assembly:

Follow the instructions provided in the packaging for initial assembly of the handle, wheels, and accessory holders.

2. Connecting Water Supply:

Connect a standard garden hose (not included) to the water inlet on the pressure washer. Ensure the connection is secure to prevent leaks.



Figure 3: Close-up of the water inlet connection, showing how to attach a standard garden hose to the unit.

3. Connecting High-Pressure Hose:

Attach the high-pressure hose to the outlet on the pressure washer unit and to the spray gun. Tighten all connections firmly.





Figure 4: Detailed view of the connection point for the high-pressure hose on the pressure washer unit.

4. Connecting Spray Wand:

Connect the spray wand to the spray gun. Ensure it clicks securely into place.

OPERATING INSTRUCTIONS

1. Starting the Pressure Washer:

1. Ensure all connections are secure.
2. Turn on the water supply completely.
3. Squeeze the spray gun trigger to purge air from the system until a steady stream of water emerges.
4. Plug the pressure washer into a grounded electrical outlet.
5. Turn the ON/OFF switch to the "ON" position.

2. Using Quick-Connect Spray Tips:

The SPX3501 comes with 5 quick-connect spray tips for various cleaning tasks:

- **0° (Red):** For tough, concentrated cleaning.
- **15° (Yellow):** For intense cleaning of hard surfaces.
- **25° (Green):** For general cleaning of most surfaces.
- **40° (White):** For gentle cleaning of delicate surfaces.
- **Soap (Black):** For applying detergent.

To change tips, pull back the collar on the spray wand, insert the desired tip, and release the collar to lock it in place.



Figure 5: This image shows a user attaching one of the quick-connect spray tips to the end of the spray wand, demonstrating the ease of changing nozzles.

3. Using the Detergent Tank:

Fill the onboard 40.6 fl oz detergent tank with pressure washer-safe detergent. Attach the black soap nozzle to activate detergent application. The detergent dial allows you to adjust the soap flow.



Figure 6: A close-up shot of liquid detergent being poured into the integrated detergent tank, ready for application.

4. Total Stop System (TSS):

The SPX3501 features a Total Stop System (TSS) which automatically shuts off the pump when the trigger is not engaged. This saves energy, prolongs pump life, and ensures safety.

Your browser does not support the video tag.

Video 1: This video provides a comprehensive overview of the Sun Joe SPX3501 Electric Pressure Washer, showcasing its powerful

cleaning capabilities on various surfaces like cars, fences, and driveways. It highlights features such as the quick-connect nozzles, detergent tank, Total Stop System, and integrated hose reel.



Figure 7: A user is shown effectively cleaning a dark-colored SUV with the pressure washer, demonstrating its use for vehicle cleaning.



Figure 8: The pressure washer is being used to clean a white picket fence, illustrating its versatility for various outdoor surfaces.

MAINTENANCE

1. Cleaning and Storage:

- After each use, flush the system with clean water to remove any detergent residue.
- Disconnect the power and water supply.
- Drain all water from the pump and hoses, especially before storing in freezing temperatures.
- Use the integrated hose reel for neat and convenient storage of the high-pressure hose.



Figure 9: This image focuses on the convenient hose reel, designed for neat storage of the high-pressure hose.

- Store the pressure washer in a dry, covered area.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Motor stops suddenly.	Overload due to low voltage or extended use.	Check power supply. Allow motor to cool down.

Problem	Possible Cause	Solution
No water coming from nozzle.	Water supply off, hose kinked, or clogged nozzle.	Turn on water, straighten hose, clean nozzle with included tool.
Low pressure.	Insufficient water supply, air in pump, or worn nozzle.	Ensure full water flow, purge air by squeezing trigger, replace nozzle if worn.
Detergent not dispensing.	Detergent tank empty, wrong nozzle used, or clogged filter.	Refill tank, use black soap nozzle, clean detergent filter.

SPECIFICATIONS



Figure 10: A diagram showing the height (38 inches), length (24 inches), and width (15 inches) of the pressure washer.

Feature	Detail
Brand	Sun Joe
Model Number	SPX3501
Power Source	Corded Electric
Maximum Pressure	2300 PSI

Feature	Detail
Maximum Flow Rate	1.48 GPM
Motor	13-amp/2,000 W Brushless Induction
Detergent Tank Capacity	40.6 fl oz
Hose Length	20 Feet
Item Weight	46.5 Pounds
Product Dimensions (L x W x H)	24" x 15" x 38"

WARRANTY & SUPPORT

Warranty Information:

The Sun Joe SPX3501 Electric Pressure Washer is backed by Sun Joe's complete 2-year warranty. Please refer to the official warranty documentation included with your product for full details and terms.

Additional Resources:

- For a downloadable PDF version of the user manual, please visit:[User Manual \(PDF\)](#)

Customer Support:

For further assistance, technical support, or warranty claims, please contact Sun Joe customer service. Contact information can typically be found on the manufacturer's website or in the product packaging.

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