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Sun Joe SPX1500

Sun Joe SPX1500 Pressure Joe 12 Amp Electric Pressure Washer 1740 Max PSI Instruction Manual

Your guide to safe and effective operation, maintenance, and troubleshooting for your Sun Joe SPX1500 electric pressure washer.

IMPORTANT SAFETY INSTRUCTIONS

When using this electric pressure washer, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury. Please read all instructions carefully before use.

- Always wear appropriate eye protection, such as safety goggles, and protective clothing.
- Do not direct the water stream at people, pets, electrical devices, or the unit itself.
- Ensure all connections are secure before operating the unit.
- Do not operate the pressure washer if the power cord or other critical parts are damaged.
- Keep the operating area clear of all persons and pets.
- Always disconnect the power supply before performing any maintenance or cleaning.
- Use only approved accessories and replacement parts.

PRODUCT OVERVIEW

The Sun Joe SPX1500 Pressure Joe is a powerful compact electric pressure washer designed for various cleaning tasks around the home. It features a 12-amp motor, delivering up to 1740 Max PSI of pressure and 1.59 GPM (Gallons Per Minute) for effective cleaning.

Key Features

- **Powerful 12-Amp Motor:** Generates significant cleaning power.
- **Versatile Cleaning:** Suitable for homes, buildings, RVs, cars, trucks, boats, decks, driveways, patios, and lawn equipment.
- **Adjustable Pressure:** Spray wand with twist nozzle allows easy control of water pressure.
- **Total Stop System (TSS):** Automatically shuts off the pump when the trigger is not engaged, saving energy and prolonging pump life.

Components

- Pressure Washer Unit

- High-Pressure Hose (20 feet)
- Spray Wand with Adjustable Nozzle
- Garden Hose Adapter
- Power Cord with GFCI Protection



The Sun Joe SPX1500 Pressure Joe Electric Pressure Washer, ready for use.

SETUP

1. Assembly

Unpack all components and ensure all parts are present. Attach the handle to the main unit if it's not pre-assembled. Secure any accessory holders.





Rear view of the pressure washer showing hose and power cord storage.

2. Connecting Water Supply

1. Connect your garden hose to the water inlet on the pressure washer. Ensure the connection is tight to prevent leaks.
2. Connect the high-pressure hose to the outlet on the pressure washer and to the spray gun.
3. Attach the adjustable spray wand to the spray gun.
4. Turn on the water supply completely.

3. Connecting Power

Plug the pressure washer's power cord into a grounded 120V AC electrical outlet. Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI).

Rear Compartment Assembly Video

Your browser does not support the video tag.

This video demonstrates how to assemble the rear compartment for the spray wand/gun on the Sun Joe SPX1500/SPX1501 electric pressure washer.

OPERATING INSTRUCTIONS

1. Starting the Pressure Washer

1. With the water supply on and the unit plugged in, press the ON/OFF switch to the 'ON' position.
2. Squeeze the trigger on the spray gun to release any air trapped in the system and allow water to flow smoothly.
3. The Total Stop System (TSS) will engage when the trigger is released, turning off the pump. The pump will restart when the trigger is squeezed again.

2. Adjusting the Spray Nozzle

The adjustable spray wand allows you to easily change the spray pattern from a pinpoint jet to a wide fan spray. Simply twist the nozzle at the end of the wand to achieve the desired pressure and spray pattern for your cleaning task.





A hand demonstrating the adjustment of the twist nozzle for different spray patterns.

3. Cleaning Techniques

- Always test the spray on an inconspicuous area first to avoid damaging the surface.

- Start with a wider fan spray and lower pressure, gradually increasing as needed.
- Keep the nozzle at a consistent distance from the surface, typically 6-12 inches, and move in even, overlapping strokes.
- For stubborn dirt, consider using a pressure washer-safe detergent (sold separately) in conjunction with the unit.



The pressure washer effectively cleaning a wooden bench, removing dirt and grime.



The pressure washer being used to clean a patio, demonstrating its versatility.

Product Demonstration Video

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This video provides a comprehensive overview and demonstration of the Sun Joe SPX1500 Pressure Joe electric pressure washer's features and cleaning capabilities.

MAINTENANCE

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

- **After Each Use:** Flush the system with clean water to remove any detergent residue.
- **Nozzle Cleaning:** If the nozzle becomes clogged, use the included needle clean-out tool to clear any debris.
- **Water Inlet Filter:** Regularly 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. Disconnect all hoses and drain any remaining water from the unit and accessories.

TROUBLESHOOTING

Here are some common issues and their solutions:

Problem	Possible Cause	Solution
Motor stops suddenly	Total Stop System (TSS) activated	This is normal. The motor stops when the trigger is released and restarts when squeezed.
No water coming from nozzle	Water supply off or restricted; air in pump	Ensure water supply is fully open. Squeeze trigger to purge air from the system. Check water inlet filter for clogs.
Low pressure	Clogged nozzle; insufficient water supply	Clean nozzle with needle tool. Ensure garden hose is fully open and not kinked.
Unit leaks	Loose connections; damaged O-rings	Tighten all hose connections. Inspect O-rings for wear and replace if necessary.
Motor hums but does not start	Low voltage; thermal overload	Check power supply. Allow unit to cool down if it has been running for an extended period.

SPECIFICATIONS

Specification	Value
Brand	Sun Joe
Model Number	SPX1500
Power Source	Corded Electric
Motor	12 Amp
Maximum Pressure	1740 Max PSI
Maximum Flow Rate	1.59 Gallons Per Minute (GPM)
Hose Length	20 Feet
Item Weight	15.4 Pounds
Product Dimensions	18.5"L x 13"W x 10"H
Color	Green

WARRANTY AND SUPPORT

The Sun Joe SPX1500 Pressure Joe electric pressure washer is backed by a full **2-year warranty**. For technical support, replacement parts, or general inquiries, please contact Sun Joe customer service.

- **Online Support:** Visit the official Sun Joe website for FAQs and support resources.
- **Phone Support:** Refer to your product packaging or the official website for the latest customer service contact number.

