

## STANLEY SW21-B1

# STANLEY SW21-B1 2100W 145 Bar Pressure Washer Instruction Manual

Model: SW21-B1

### IMPORTANT SAFETY INFORMATION

Read all instructions carefully before operating the pressure washer. Failure to follow these instructions may result in serious injury or property damage. Keep this manual for future reference.

- **Electrical Safety:** Always connect the pressure washer to a grounded outlet. Do not use extension cords unless absolutely necessary, and ensure they are rated for outdoor use and the appliance's power requirements.
- **Water Connection:** Ensure the water supply is clean and free of debris. Do not use the pressure washer with hot water.
- **Personal Protective Equipment:** Always wear appropriate eye protection (safety glasses or goggles), 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 from the operating area.
- **Nozzle Safety:** Never point the spray gun at people, pets, or electrical devices. The high-pressure spray can cause severe injury.
- **Maintenance:** Disconnect the power supply before performing any maintenance or cleaning.

### PRODUCT OVERVIEW

The STANLEY SW21-B1 is an industrial-grade pressure washer designed for efficient cleaning tasks. It features a powerful induction motor and a durable aluminum pump.

#### Key Features:

- **Maximum Pressure:** 145 Bar
- **Motor Type:** Induction Motor
- **Maximum Flow Rate:** 450 litres/hour
- **Power:** 2100 watts
- **Operating Voltage:** 220 - 240 volts
- **Pump Material:** Long-life Aluminium Pump

- **Nozzles:** High-efficiency spray gun with both Adjustable Spray Nozzle and Rotary Nozzle included.
- **Quiet Operation:** Designed for better sound management.

### Included Components:

The following items are included with your STANLEY SW21-B1 pressure washer:

- Pressure washer unit
- Lance extension
- Adjustable nozzle
- Rotary nozzle
- Cleaner (detergent dispenser)
- PU hose
- Detergent dispenser
- Water filter





Image: The STANLEY SW21-B1 pressure washer unit with its various accessories laid out, including the spray gun, lance, nozzles, and hoses.

## SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all components from the packaging. Check against the "Included Components" list to ensure everything is present.
2. **Attach Wheels (if applicable):** If your model requires wheel assembly, follow the specific instructions in the separate assembly guide.
3. **Connect Water Filter:** Attach the water filter to the water inlet connection on the pressure washer unit. Ensure a tight seal to prevent leaks.
4. **Connect Garden Hose:** Connect your garden hose (not included) to the water filter. Ensure the garden hose is free of kinks and has an adequate water supply.
5. **Connect High-Pressure Hose:** Connect the PU high-pressure hose to the outlet on the pressure washer unit and to the spray gun. Hand-tighten securely.
6. **Assemble Lance and Nozzle:** Attach the lance extension to the spray gun. Select the desired nozzle (adjustable or rotary) and attach it to the end of the lance.
7. **Connect Detergent Dispenser (Optional):** If using detergent, fill the detergent dispenser and connect it according to the instructions for your specific cleaning task.
8. **Electrical Connection:** Plug the power cord into a grounded 220-240 volt electrical outlet. Ensure the power switch on the unit is in the "OFF" position before plugging in.





Image: A visual representation of connecting the water inlet hose and high-pressure outlet hose to the main unit.

## OPERATING INSTRUCTIONS

1. **Prepare Water Supply:** Turn on the water supply to the garden hose completely.
2. **Purge Air from System:** Before turning on the power, squeeze the trigger on the spray gun to allow water to flow through the system and purge any air. Continue until a steady stream of water emerges from the nozzle.
3. **Start the Pressure Washer:** Turn the power switch on the unit to the "ON" position. The motor will start.
4. **Begin Cleaning:** Hold the spray gun firmly with both hands. Point the nozzle at the surface to be cleaned, maintaining a safe distance (start further away and move closer if needed). Squeeze the trigger to begin spraying.
5. **Adjust Spray Pattern:**
  - **Adjustable Nozzle:** Rotate the nozzle head to change the spray pattern from a narrow, high-impact stream to a wider, fan-shaped spray.
  - **Rotary Nozzle:** Provides a powerful, rotating jet for stubborn dirt and grime. Ideal for hard surfaces like concrete.
6. **Detergent Application:** If using the detergent dispenser, ensure it is properly connected. The pressure washer typically draws detergent at low pressure. Refer to your detergent's instructions for dilution ratios.
7. **Shutting Down:**
  - Release the spray gun trigger.
  - Turn the power switch to "OFF".
  - Turn off the water supply.
  - Squeeze the spray gun trigger to release any remaining pressure in the system.
  - Disconnect the power cord.





Image: A person demonstrating the correct grip and posture for operating the pressure washer spray gun.

## MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pressure washer. Always disconnect power and water before performing maintenance.



- **Nozzle Cleaning:** If the nozzle becomes clogged, use the provided nozzle cleaning tool (if included) or a thin wire to clear any obstructions. Rinse thoroughly.
- **Water Filter Cleaning:** Regularly inspect and clean the water filter to prevent debris from entering the pump. Rinse it under running water. Replace if damaged.
- **Hose Inspection:** Check the high-pressure hose and garden hose for any cuts, kinks, or leaks. Replace damaged hoses immediately.
- **Pump Care:** For prolonged storage, especially in freezing temperatures, use a pump protector or antifreeze solution to prevent damage. Follow the product's instructions.
- **Storage:** Store the pressure washer in a dry, frost-free environment. Drain all water from the pump, hoses, and spray gun before storage.





Image: A detailed view of the water filter component, illustrating how to remove and clean it.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
<b>Motor does not start</b>	<ul style="list-style-type: none"><li>• Power cord not plugged in</li><li>• Power switch off</li><li>• Circuit breaker tripped</li></ul>	<ul style="list-style-type: none"><li>• Plug in the power cord</li><li>• Turn power switch to "ON"</li><li>• Reset circuit breaker</li></ul>
<b>No water pressure or low pressure</b>	<ul style="list-style-type: none"><li>• Water supply off or restricted</li><li>• Air in pump/hose</li><li>• Clogged nozzle</li><li>• Water filter clogged</li></ul>	<ul style="list-style-type: none"><li>• Turn on water supply, check for kinks</li><li>• Purge air from system (see Operating Instructions)</li><li>• Clean nozzle</li><li>• Clean water filter</li></ul>
<b>Water leaks</b>	<ul style="list-style-type: none"><li>• Loose connections</li><li>• Damaged O-rings or seals</li><li>• Cracked hose</li></ul>	<ul style="list-style-type: none"><li>• Tighten all connections</li><li>• Inspect and replace O-rings/seals</li><li>• Replace damaged hose</li></ul>
<b>Detergent not dispensing</b>	<ul style="list-style-type: none"><li>• Detergent tank empty</li><li>• Detergent dispenser clogged</li><li>• Not operating at low pressure setting</li></ul>	<ul style="list-style-type: none"><li>• Refill detergent tank</li><li>• Clean dispenser</li><li>• Ensure correct nozzle/pressure setting for detergent application</li></ul>



SPECIFICATIONS

Specification	Detail
Brand	STANLEY
Model Number	SW21-B1
Power	2100 Watts
Operating Voltage	220 - 240 Volts
Maximum Pressure	145 Bar
Maximum Flow Rate	450 Liters Per Hour
Motor Type	Induction Motor
Pump Material	Aluminium
Product Dimensions (LxWxH)	25 x 9 x 63 cm
Item Weight	100 g (Note: This weight seems unusually low for a pressure washer. Please refer to product packaging for accurate weight.)
Power Source	Corded Electric
Included Components	Pressure washer, Lance extension, Adjustable nozzle, Rotary nozzle, Cleaner, PU hose, Detergent dispenser, Water filter

WARRANTY AND SUPPORT

Your STANLEY SW21-B1 Pressure Washer comes with a **1-year warranty** provided by the manufacturer from the date of purchase.

For any warranty-related issues, product feedback, or technical support, please contact STANLEY customer care:

- **Customer Care Number:** 1860-425-1111
- **Operating Hours:** 10 AM to 5 PM, Monday to Friday (except government holidays)

**Manufacturer:** STANLEY

**Packer:** Stanley Black & Decker India Pvt Limited, GAT NO. 135. 137 & 157. PO Mahalunge Talukha - Khed Pune 410501. India.

**Importer:** Stanley Black & Decker India Private Ltd #28, Akemps, 3rd Main, 1st Cross, Ashwini Layout Koramangala Bangalore - 560047