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BEAR FORCE 1205SSRUS

BEAR FORCE Pressure Washer Stainless Steel Foam Cannon Instruction Manual

Model: 1205SSRUS

INTRODUCTION

The BEAR FORCE Stainless Steel Foam Cannon is designed to create thick, dense foam by mixing car wash soap with high-pressure water from your pressure washer. Constructed with a precision-machined stainless steel manifold, it offers superior corrosion resistance and durability, supporting working pressures up to 5000 PSI. This foam cannon is ideal for washing cars, motorcycles, floors, sidewalks, roofs, and other washable surfaces, providing efficient and effective cleaning.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment, including eye protection, when operating a pressure washer and foam cannon.
- Ensure all connections are secure before operating to prevent leaks or disconnections under pressure.
- Do not point the foam cannon at people, pets, or electrical outlets.
- Use only car wash soaps specifically designed for pressure washers and foam cannons.
- Keep the product out of reach of children.
- Always relieve pressure from the system before disconnecting the foam cannon or performing maintenance.

PACKAGE CONTENTS

Your BEAR FORCE Stainless Steel Foam Cannon package includes the following components:

- Stainless Steel Foam Cannon body with 1/4" Quick Connector
- 32 oz (1 Liter) Soap Bottle with measuring marks
- Adjustable Nozzle (pre-installed)
- Micro Detergent Regulation Knob
- 1.25mm Orifice Nozzle (pre-installed)

- Extra 1.10mm Orifice Nozzle
- Stainless Steel Ball with Filter (at the end of the suction hose)
- Silicone Pickup Tube

TOP QUALITY, CORROSION RESISTANCE, ANTI-RUST, HIGH STRENGTH UPTO MAX 5000 PSI

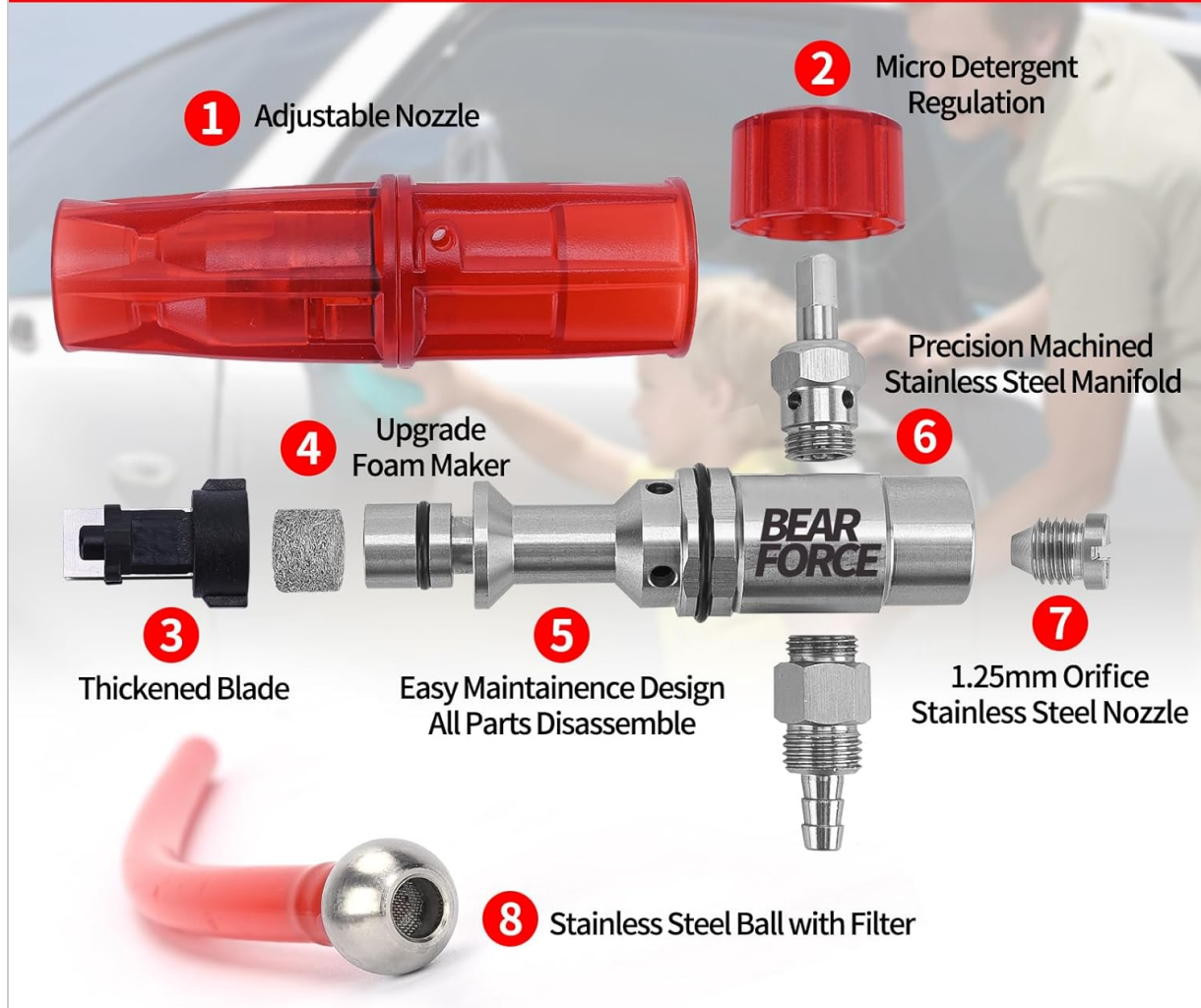


Image: Exploded view showing the Adjustable Nozzle, Micro Detergent Regulation, Thickened Blade, Upgrade Foam Maker, Easy Maintenance Design (all parts disassemble), Precision Machined Stainless Steel Manifold, 1.25mm Orifice Stainless Steel Nozzle, and Stainless Steel Ball with Filter.

SETUP

- 1. Assemble the Foam Cannon:** Ensure all components are securely attached. The suction tube with the stainless steel ball and filter should be inserted into the soap bottle. The foam cannon body then screws onto the bottle.
- 2. Select Orifice Nozzle:** The foam cannon comes with a 1.25mm orifice nozzle pre-installed, suitable for pressure washers between 1850-5000 PSI. For electric pressure washers with lower PSI (800-1850 PSI), it is recommended to replace the 1.25mm nozzle with the included 1.10mm nozzle. To change, use a flat screwdriver to carefully disassemble the current nozzle and install the alternative.
- 3. Prepare Soap Solution:** Fill the 32 oz soap bottle with your desired car wash shampoo and water. A common mixing ratio for dense foam is 1 part car wash shampoo to 5 parts water. Adjust as needed based on your soap and desired foam thickness. The bottle has measuring marks for convenience.

4. **Connect to Pressure Washer:** Attach the 1/4" quick connector of the foam cannon to your pressure washer's spray gun wand. Ensure it clicks securely into place.



Image: Illustration demonstrating the connection of the foam cannon with its 1/4" quick plug to a pressure washer spray gun wand that features a 1/4" quick connector.

Your browser does not support the video tag.

Video: This video demonstrates the assembly and connection process of the Stainless Steel Foam Cannon with a 1/4" Quick Connector to a pressure washer, showing how to prepare it for use.

OPERATING INSTRUCTIONS

1. **Adjust Spray Pattern:** The foam nozzle allows for variable spray angles from a concentrated 0° pencil jet to a wide 60° fan spray. Turn the front adjustable nozzle to achieve the desired spray pattern. It can also be rotated 360° to change spray direction (vertical or horizontal).
2. **Adjust Foam Thickness:** Use the micro detergent regulation knob on top of the foam cannon to control the soap-to-water mixing ratio. Turn the knob clockwise for thicker foam and counter-clockwise for less foam.
3. **Apply Foam:** With the pressure washer running, aim the foam cannon at the surface you wish to clean and pull the trigger. Apply an even layer of foam over the entire surface. The foam cannon can spray soap foam up to 6 meters (20 feet).

4. **Dwell Time:** Allow the foam to dwell on the surface for a few minutes to break down dirt and grime. Do not let the foam dry on the surface.
5. **Rinse:** After the foam has dwelled, disconnect the foam cannon from the pressure washer wand and reattach your standard pressure washer nozzle. Rinse the foamed surface thoroughly with clean water, working from top to bottom.



Image: A detailed view of the foam cannon highlighting the delicate soap regulation knob for precise control over foam density, and the large mouth opening of the bottle for easy filling of shampoo.



Image: This image illustrates the multiple spray modes available, showing how the nozzle can be turned 360° to change spray direction and adjusted from 0° to 90° to modify the spray angle, offering versatility for various cleaning tasks.

MAINTENANCE

- **After Each Use:** Rinse the soap bottle thoroughly with clean water. Run clean water through the foam cannon for 30-60 seconds to flush out any remaining soap solution and prevent clogging.
- **Clean Orifice Nozzle:** If foam production decreases or becomes inconsistent, the orifice nozzle may be clogged. Disassemble the nozzle and clean it with a small pin or needle.
- **Inspect Filter:** Periodically check the stainless steel ball filter at the end of the suction hose for debris. Clean if necessary to ensure proper soap flow.
- **Storage:** Store the foam cannon in a clean, dry place away from direct sunlight and extreme temperatures. Ensure it is completely dry before storage to prevent corrosion.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No foam or very thin foam	Incorrect soap-to-water ratio Orifice nozzle clogged Pressure washer PSI too low Soap regulation knob closed	Adjust soap ratio (e.g., 1:5 soap to water) Clean or replace orifice nozzle Ensure pressure washer meets minimum PSI (800 PSI) Open soap regulation knob
Foam cannon leaks	Loose connections Damaged O-rings	Tighten all connections Inspect and replace O-rings if damaged
Difficulty attaching/detaching quick connector	Debris in connector Worn quick connector	Clean connector thoroughly Lubricate or replace quick connector

SPECIFICATIONS

Feature	Detail
Brand	BEAR FORCE
Model Number	1205SSRUS
Material	Stainless Steel Manifold, Nylon Cover
Connector Type	1/4" Quick Connector
Soap Bottle Capacity	32 Fluid Ounces (approx. 1 Liter)
Orifice Nozzles Included	1.25mm (pre-installed), 1.10mm (extra)
Recommended Pressure Range	800 PSI to 5000 PSI
Adjustable Spray Pattern	0° (pencil) to 60° (fan), 360° rotatable
Item Weight	1.32 Pounds
Package Dimensions	7.6 x 7.17 x 5.2 inches

WARRANTY AND SUPPORT

For warranty information or technical support regarding your BEAR FORCE Stainless Steel Foam Cannon, please refer to the product packaging or contact BEAR FORCE customer service directly. Contact details can typically be found on the manufacturer's website or through your point of purchase.

