



Brilliant Finish™ Foam Cannon



The fun
and foamy
way to a
swirl-free
wash!

⚠ SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

Please read and understand this manual. It contains information that relates to personal protection of you and others.

IMPORTANT SAFETY INFORMATION

INTENDED USE

The Griot's Garage® Brilliant Finish™ Foam Cannon is designed to be used as a cleaning tool. It combines a high-pressure flow of water mixed with air and a detergent to deliver rich clinging foam. Do not exceed water pressures higher than 5000 psi or maximum water temperature of 140° F and always wear appropriate safety equipment. Use in any unapproved manner or with inappropriate chemicals could lead to unsafe operating conditions.

GENERAL TOOL SAFETY WARNINGS

Warning: Please read, understand, and follow all safety information contained in these instructions prior to the use of this tool. Failure to follow the warnings and instructions may result in serious injury. The term "tool" in the warnings refers to your Griot's Garage Brilliant Finish Foam Cannon. Retain these instructions for future reference.

1. WORK AREA SAFETY

- a. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b. Keep children and bystanders away while operating tool.
- c. Use caution while walking on wet surfaces.

2. PERSONAL & TOOL USAGE SAFETY

To reduce the risk associated with high-pressure water and other mechanical forces, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand these instructions before performing any such task.

- a. Practice safety requirements. Be alert, have proper attire, and do not operate tools under the influence of alcohol or drugs.
- b. Operators and other personnel must always wear protection for eyes and ears when in the work area or while operating a pressure washer unit. Follow your employer's safety policy for PPE's and/or ANSI Z87.1 or local/national standards for eye-wear and other personal protective equipment requirements.
- c. The tool creates reactive forces on spray attachment in a direction opposite to the direction of the spray (recoil or kickback). Hold the spray attachment firmly with both hands in order to control the reactive forces.
- d. Your pressure washer causes considerable noise pressure. Please wear hearing protection in order to avoid potentially damaging sound exposure.
- e. Chemical detergents may contain harmful (toxic, caustic, irritant), flammable or explosive substances. In the event of skin or eye contact with detergent, flush the affected body parts with plenty of clean water immediately. If detergent is swallowed, seek medical attention immediately. Consult manufacturer's Safety Data Sheet (SDS) for warnings, instructions, and medical response.
- f. NEVER point Brilliant Finish Foam Cannon towards the face or body of you or anyone else.
- g. Never operate Brilliant Finish Foam Cannon with more than 5,000 psi.
- h. Keep Brilliant Finish Foam Cannon out of reach of children.
- i. This tool must not be modified.
- j. Always disconnect tool from pressure washer lance prior to adding detergent, making changes to metering tips or repairing.

USAGE

A pressure washer featuring a minimum of 1,540 CU (Cleaning Units = gpm x psi) is required for the cannon to function as intended.

Warning: Check to ensure the tool is compatible with your pressure washer's operating specifications. Must not exceed the maximum pressure, flow, and temperature ratings of the product.

SETUP

Your Brilliant Finish™ Foam Cannon comes equipped with a Standard Quick Connect Coupler which is compatible with most pressure washers. Additionally, we offer common adaptors manufactured in fine stainless steel for purchase separately including:

- Stainless Steel Threaded Direct Adapter, featuring dual-threaded fittings: M22- 1/4 M Item # 81240B
- Stainless Steel Quick Disconnect Coupler: 1/4" Male Item # 81240A
- Stainless Steel Quick Disconnect Coupler, Female Item # 81240F

IMPORTANT Prior to installing the Quick Coupler, ensure the cannon has the appropriate Jet installed. Your Brilliant Finish™ Foam Cannon comes factory equipped with a 1.1 Metering Jet which will deliver optimal performance for most electric pressure washers with a minimum of 1540 CU (Cleaning Units = gpm x psi). For most gas-powered pressure washers or units exceeding 4000 CU (Cleaning Units = gpm x psi), the included 1.25mm Jet must be installed. Simply insert a flat screwdriver into manifold and turn counterclockwise, unthreading 1.1 jet from unit. Insert 1.25mm Jet and carefully rotate clockwise using caution not to cross-thread. Firmly tighten Jet, then install Quick Disconnect Coupler. Simply thread into cannon and securely tighten using a 14mm or 9/16" Box Wrench.

DETERGENT DISPENSING METHOD

Brilliant Finish Foam Cannon requires the detergent to be pre-mixed, ready-to-use (RTU) solution (Water: Detergent). This is the typical method, requiring the user to pre-mix a concentrate prior to use. Griot's Garage foaming solutions are highly concentrated, and performance matched to our cannon. The cannon features an adjustable chemical flow valve integrated into the cap. Typically, adjusting the dial clockwise to the far right will deliver maximum foam. To reduce flow and further optimize application, it can be rotated counter-clockwise as necessary.

APPLICATION

While working in the shade, apply foaming solutions to a dry, cool vehicle from the rocker panel to the roof. Refer to your product's instructions for further details. Your foam cannon features a variable angle spray pattern. With a simple twist of the nozzle its adjusts from a wide spray pattern of up to 40° for efficient coverage of vertical panels to a narrow 0° stream for long-range dispensing on car roofs, trucks, and RVs.

MAINTENANCE



Caution: With poor maintenance, failure may occur following one use. Following every use, prior to storage, rinse cannon thoroughly with clear water. Rinse cup out and add clear water, then run cannon until foam ceases and is no longer visible. Failure to thoroughly flush cannon will lead to premature failure of the stainless-steel foaming mesh, requiring replacement.

SERVICE

Should the foam cannon's foam output diminish or seize during normal operation, the Stainless-Steel Foaming Mesh will likely require replacement. Use Griot's Garage replacement parts only - Brilliant Finish Foam Cannon REBUILD KIT - Item # 85KIT.

MANUAL-MIX METHOD RATIOS USING 33.8 OZ JAR

Product Dilution Ratio Water (oz.) Concentrate (oz.)

Description	Dilution	Water (Oz.)	Concentrate (Oz.)
Brilliant Finish™ Car Wash	8:1	30	3.75
Ceramic Wash & Coat	8:1	30	3.75
BOSS™ Foaming Surface Prep	20:1	30	1.5
BOSS™ Foaming Surface Wash	20:1	30	1.5
BOSS™ Foaming Poly Gloss	20:1	30	1.5
Super-Concentrated Car Wash	15:1	30	2
Best of Show™ Wash & Wax	10:1	30	3

PRO TIP: First add water to jar, then slowly add concentrate. Shake Jar well to ensure proper mixing prior to use.

BRILLIANT FINISH™ FOAM CANNON

Item #	Min-Max (PSI)	Min-Max (GPM)	Max Temperature (F)	Inlet	Ø Jet (mm)
51185	1,100-5,000	1.2-5.3	140°	¼"	1.1 (installed) 1.25 (included)

REPLACEMENT PARTS

Brilliant Finish Foam Cannon Rebuild Kit (Includes O-Rings, Manifold Glue, Retaining Pin, Pickup Tube, Stainless Steel Foam Pill) - Item # 85KIT

WARNING: The Brilliant Finish Foam Cannon is to only be used as advertised; do not install any additional unapproved attachments. Check to ensure that the product is compatible with the system's operating specifications and do not exceed the maximum flow, pressure, and temperature ratings of the product that are listed in this manual (see Specification Chart above)

PRODUCT USE All statements, usage recommendations, and technical information contained in this manual are based on tests or development that Griot's Garage has deemed reliable. However, many factors beyond Griot's Garage's control can affect the use and performance of this Griot's Garage product in a certain application, including conditions under which the Griot's Garage product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely in the user's knowledge and control, it is the responsibility of the user to evaluate the Griot's Garage product to determine whether it is suitable for a particular purpose and the user's method of application.

WARRANTY Griot's Garage Lifetime Guarantee: Griot's Garage will repair or replace any defective tool, without charge, due to faulty materials or workmanship for the working life of the tool, subject to certain exclusions below.

Six Month Satisfaction Guarantee: We want you to enjoy our quality product and have fun with it! If you're not 100% satisfied for any reason within six months of purchase, return it to point of sale with proof of purchase for a full refund or credit.

EXCLUSIONS Griot's Garage Lifetime Guarantee does not cover damage caused by failure to follow recommended maintenance, misuse, alteration or abuse. Normal wear and tear are not considered a defect, therefore part failure which may occur as the result of ordinary use is excluded from coverage. NOTE: Failure to properly flush unit following use, leading to clogged Stainless Steel Foaming Mesh is not covered under warranty. Replacement parts are available for purchase.

Griot's Garage is not responsible for any incidental or consequential damages.

DISCLAIMER Limitation of Liability: In no event shall the monetary liability of company exceed amounts that have actually been paid to company. Company shall not be liable for consequential, indirect, special, or incidental damages under any circumstances, even if advised in advance of the possibility of such damages.

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Griot's Garage, Inc.
3333 South 38th Street
Tacoma, WA 98409
800-345-5789