



TORNADOR® PNEUMATIC FOAMING GUN

Thank you for selecting this quality Griot's Garage product. Your **TORNADOR® PNEUMATIC FOAMING GUN** has been engineered and manufactured to meet Griot's Garage's high standards for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of trouble-free performance.

PLEASE READ ALL INSTRUCTIONS & SAVE FOR FUTURE REFERENCE

Carefully read through this entire owner's manual before using your Tornador® Pneumatic Foaming Gun. Pay close attention to the Safety Requirements, Useful Directions, Air Requirements, Warnings, and Care & Maintenance sections. If you use your Foaming Gun properly and only for what it is intended, you will enjoy years of safe, reliable service.

USEFUL DIRECTIONS

Always test a small inconspicuous area to ensure selected cleaner will not alter the appearance of the material you are cleaning. (Note: Foam output may be controlled by air pressure selected. The higher the psi (Max 90), the higher the foam output.)

CLEANING CARPET

1. Remove large debris and vacuum area to be cleaned. Dry brush carpet with Griot's Garage Interior Carpet & Cloth Brush. Repeat vacuuming.
2. With air hose disconnected, remove sprayer/lid from supply cup. Add Griot's Garage Carpet Cleaner (Ready to Use) to reservoir. Secure sprayer/lid to reservoir and connect air supply.
3. Adjust air pressure to emit desired foam output (Not to exceed 90 psi).
4. Using an overlapping motion, apply foam to area being cleaned. Allow the Carpet Cleaner to dwell on the surface 2 minutes. For severe contamination, gently scrub carpet with Griot's Garage Ergo Wave Foam Scrubber or Nylon Carpet & Upholstery Brush. Use a clean, dry white 100% cotton terry cloth towel to blot surface. Rotate towel to clean portions until no further soiling occurs.

WASHING

1. Pre-Rinse cool vehicle to remove loose debris.
2. With air hose disconnected, remove sprayer/lid from supply cup. For rich suds, add pre-mixed Griot's Garage Car Wash (1 oz./quart) or Brilliant Finish Car Wash (2 oz./quart) to clean reservoir. Secure sprayer/lid to reservoir and connect air supply.
3. Adjust air pressure to emit desired foam output (Not to exceed 90 psi).
4. Foam vehicle from the bottom up and allow 1-2 minutes dwell time. Do not allow foam to dry on surface.
5. Fill bucket with clean water for use to frequently rinse mitt during washing.
6. Wash vehicle using a Micro Fiber Mitt and optional car wash solution.
7. Rinse vehicle with water until runoff is clear.

WHEEL CARE

1. Clean one wheel at a time. Pre-rinse cool wheel with strong spray of water.
2. Set air pressure @ 78 psi.
3. With air hose disconnected, remove sprayer/lid from supply cup. Add Griot's Garage Heavy-Duty Wheel Cleaner or Wheel Cleaner to clean reservoir. Secure sprayer/lid to reservoir and connect air supply.
4. Apply using a smooth overlapping motion, foam area to be cleaned from the bottom up. Allow Heavy-Duty Wheel Cleaner or Wheel Cleaner to dwell on the surface for one minute. For stubborn dirt or grime, scrub the wheel with Griot's Garage Ergo Wave Foam Scrubber, Three-Finger Detail Mitt, Long-Reach Brushes, or Micro Fiber Wand. Rinse Wheel with water until runoff is clear.

CARE & MAINTENANCE

- Avoid dropping the gun on the floor, disconnect when not being used.
- Turn liquid valve to the horizontal position after use to avoid dripping from tip.
- Tighten the jar while holding the lid to avoid loosening or stripping gun assembly.
- Avoid excessive air pressure, using maximum pressure of 90 psi. Exceeding 90 psi may cause premature wear on the tool.
- After use, rinse reservoir with clean water, then run air and clean water through the foaming gun to eliminate any remaining cleaner.

TROUBLESHOOTING

Problem: Foam gun will not produce foam.

Solutions:

- Remove foam attachment and rinse thoroughly. Attachment may be clogged.
- Product in jar is too thick. Dilute it more.
- Check to see if product has foaming capabilities.

SAFETY REQUIREMENTS

WARNING:

- The Tornado® Foaming Gun can generate considerable noise from air pressure. Please wear hearing protection at all times.
- Use in well-ventilated area.
- Do not exceed 90 psi. Utilize an in-line pressure regulator when necessary.
- Do not use with acidic, flammable, or combustible products.
- Do not point cleaning tool at face or body.
- Avoid breathing dust or handling debris that can be harmful to your health.
- Use caution when other people are in your work area.
- Disconnect the tool from the air supply when not in use, before changing accessories, or when performing routine maintenance.
- Routinely inspect your Tornado® Foaming Gun for leaking hoses, loose fittings, or damaged parts.
- Should a tool malfunction be observed, discontinue use and contact your supplier.
- We recommend that you never clean any safety related components with the Tornado® Foaming Gun.
- **KEEP OUT OF THE REACH OF CHILDREN!**

AIR REQUIREMENTS

The Tornado® Foaming Gun requires a minimum air pressure of 60 psi, to 90 psi, constant, for optimum performance. DO NOT EXCEED 90 psi. NOTE: Constant air supply may vary depending on compressor size and capabilities. Always make sure tank and air lines are free from oil and water contamination.

Limitation of Liability: Except where prohibited by law, Griot's Garage will not be liable for any loss or damage arising from the Griot's Garage product, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted.

ANSWERS TO YOUR QUESTIONS

Should you have any comments or questions about the use of your **TORNADOR® PNEUMATIC FOAMING GUN** (51182), our Customer Service Department can be reached by phone at 800-345-5789 or by email at info@griotsgarage.com. For a complete selection of products or to receive a free Griot's Garage Handbook, please call us or visit us at www.griotsgarage.com.

Have fun in your garage!®

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