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> QWORK RM Pneumatic Engine Cleaning Gun User Manual

QWORK RM

QWORK RM Pneumatic Engine Cleaning Gun User Manual

Model: RM | Brand: QWORK

1. INTRODUCTION

Thank you for choosing the QWORK RM Pneumatic Engine Cleaning Gun. This tool is designed for efficient cleaning of engines and machinery by effectively blasting away dirt, grease, and oil. Please read this manual thoroughly before use to ensure safe and optimal operation. Keep this manual for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the tool and property:

- **Wear Eye Protection:** Always wear safety glasses or goggles to protect your eyes from debris and cleaning solutions.
- **Wear Hand Protection:** Use appropriate gloves to protect your hands from cleaning agents.
- **Ventilation:** Use in a well-ventilated area to avoid inhaling fumes from cleaning solutions.
- **Compressed Air Safety:** Ensure your air compressor is properly maintained and operating within safe pressure limits. Never exceed the recommended operating pressure for the cleaning gun.
- **Disconnect Air Supply:** Always disconnect the air supply before performing any maintenance, cleaning, or when the tool is not in use.
- **Chemical Compatibility:** Ensure that any cleaning solutions used are compatible with the gun's materials and safe for the surfaces being cleaned.
- **Keep Away from Children:** Store the tool and cleaning solutions out of reach of children.

3. PACKAGE CONTENTS

The package includes the following items:

- 1 x QWORK RM Pneumatic Engine Cleaning Gun
- 1 x 4-foot (approximately 1.2 meters) Siphon Hose with 1/4" diameter

4. PRODUCT OVERVIEW

The QWORK RM Pneumatic Engine Cleaning Gun is designed for effective cleaning in various applications. Its long nozzle allows

access to tight and awkward spaces.



Figure 4.1: The QWORK RM Pneumatic Engine Cleaning Gun and its included 4-foot siphon hose.



Figure 4.2: Close-up view of the ergonomic handle and pressure trigger for efficient operation.



Figure 4.3: Detail of the angled nozzle, designed to reach confined areas.

5. SETUP

Follow these steps to set up your cleaning gun:

1. **Connect Air Supply:** Attach your compressed air hose to the air inlet fitting at the bottom of the cleaning gun handle. Ensure a secure, airtight connection. *Note: An air fitting is not included and must be supplied by the user.*
2. **Attach Siphon Hose:** Connect the 4-foot siphon hose to the barb fitting located on the side of the cleaning gun handle.
3. **Prepare Cleaning Solution:** Place the free end of the siphon hose into a container of your chosen cleaning solution (e.g., degreaser, solvent, water with detergent). Ensure the hose reaches the bottom of the container to draw liquid effectively.



Figure 5.1: The cleaning gun with the siphon hose properly attached, ready for use.

6. OPERATING INSTRUCTIONS

Once set up, operate the cleaning gun as follows:

1. **Power On Air Compressor:** Turn on your air compressor and set it to the desired operating pressure. Refer to the specifications section for recommended pressure.
2. **Test Spray:** Point the nozzle away from yourself and others, and gently press the trigger to test the spray pattern and ensure liquid is being drawn.
3. **Apply Cleaning Solution:** Direct the nozzle towards the area to be cleaned. Press the trigger to release a high-speed spray of air and cleaning solution.
4. **Adjust Pressure:** The flow and force can be adjusted by varying the pressure applied to the trigger.
5. **Clean Thoroughly:** Move the nozzle across the dirty surface to effectively remove dirt, grease, and oil. The long nozzle is particularly useful for reaching tight spots like engine bays, mechanical interiors, and wheel wells.
6. **Rinse (Optional):** If using a cleaning solution that requires rinsing, replace the cleaning solution with clean water and repeat the spraying process.

7. **Shut Down:** Once cleaning is complete, release the trigger, turn off the air compressor, and disconnect the air supply.

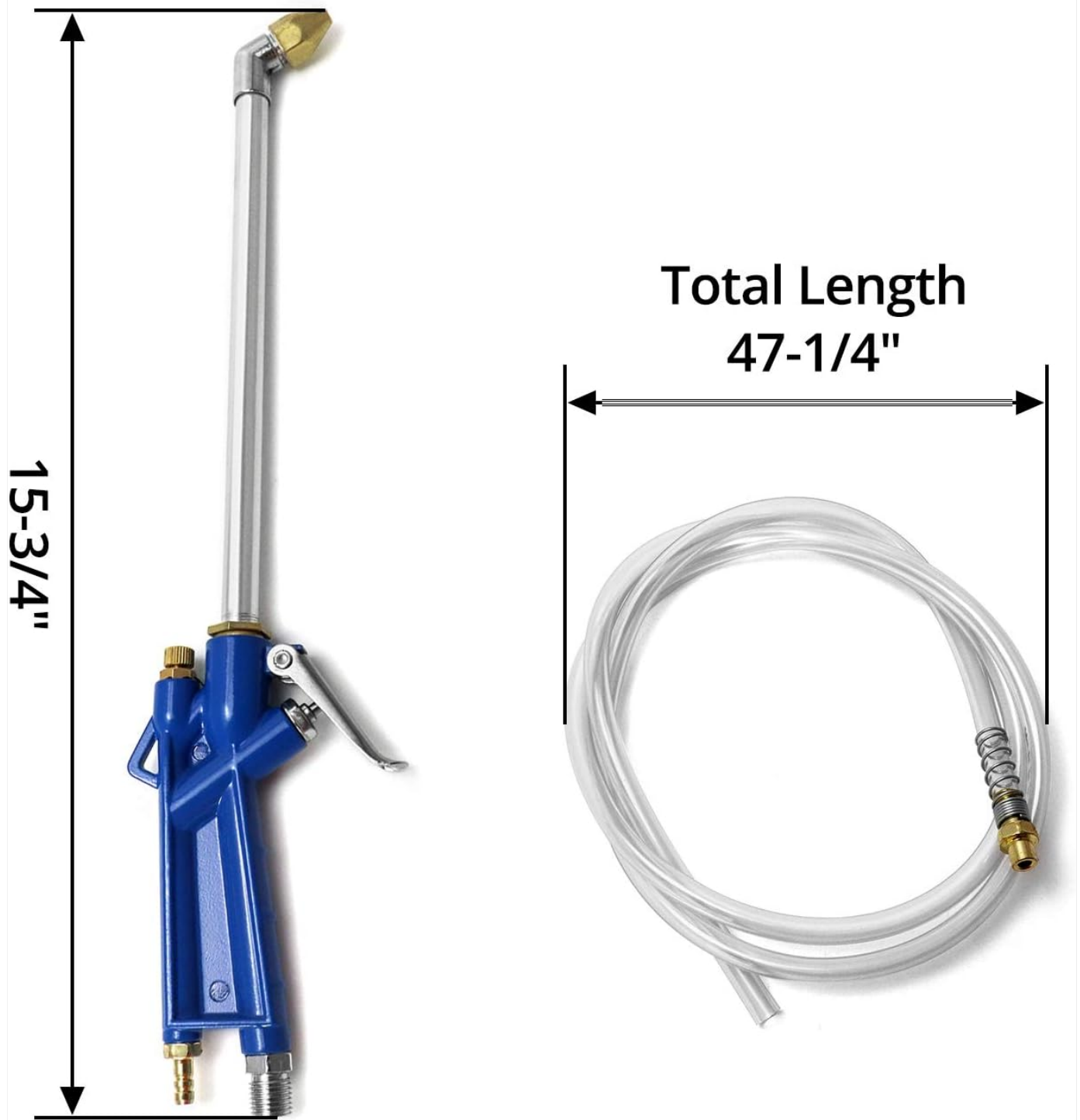


Figure 6.1: Proper grip for operating the QWORK RM cleaning gun, demonstrating its ergonomic design.

7. MAINTENANCE

Regular maintenance ensures the longevity and performance of your cleaning gun:

- **Clean After Each Use:** After using with cleaning solutions, run clean water through the gun to flush out any residue. This prevents clogging and corrosion.
- **Inspect Hoses and Fittings:** Regularly check the siphon hose and air fittings for any signs of wear, cracks, or leaks. Replace damaged components immediately.
- **Store Properly:** Store the cleaning gun in a clean, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No spray or weak spray	• Low air pressure • Clogged nozzle • Siphon hose not submerged or kinked • Loose air connection	• Increase air compressor pressure • Clean the nozzle • Ensure siphon hose is fully submerged and free of kinks • Tighten air connections
Air leaks from connections	• Loose fittings • Damaged O-rings or seals	• Tighten all connections • Inspect and replace O-rings or seals if damaged
Liquid not drawing up hose	• Siphon hose not fully submerged • Air leak in siphon system • Clogged siphon hose or gun inlet	• Ensure hose is deep in liquid • Check for secure hose connection • Clean hose and gun inlet

9. SPECIFICATIONS

Key technical specifications for the QWORK RM Pneumatic Engine Cleaning Gun:

Feature	Detail
Model Number	RM
Brand	QWORK
Item Weight	10.6 ounces (approx. 300 grams)
Hose Length	4 feet (approx. 1.2 meters)
Hose Diameter	1/4 inch
Color	Blue
Power Source	Compressed Air (requires external air compressor)
Compliance	CE Certified
UPC	781380126725



Figure 9.1: Overall view of the cleaning gun, illustrating its design and components.

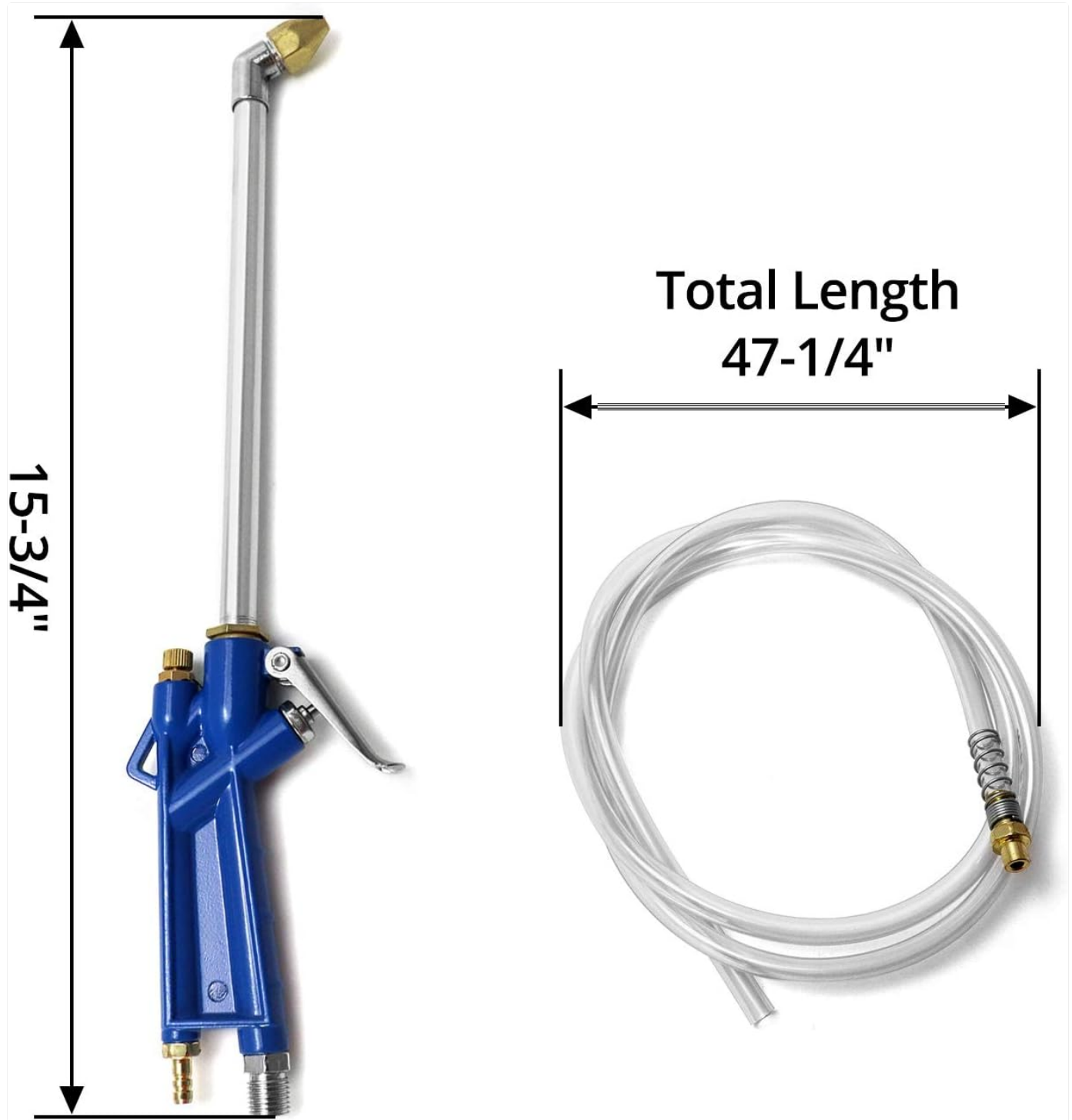


Figure 9.2: Diagram showing the approximate total length of the cleaning gun (15-3/4 inches) and the siphon hose (47-1/4 inches, which is approximately 4 feet).

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact QWORK customer service through the retailer where the product was purchased or visit the official QWORK website. Please have your model number (RM) and purchase details available when contacting support.

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