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BEAR FORCE 7170ARJP

BEAR FORCE Pressure Washer Replacement Spray Wand & Nozzle Kit (Model 7170ARJP) - User Manual

Model: 7170ARJP

1. Introduction

Thank you for choosing the BEAR FORCE Pressure Washer Replacement Spray Wand & Nozzle Kit. This manual provides essential information for the safe and effective use of your new accessory. Please read these instructions carefully before installation and operation, and retain them for future reference.

2. Package Contents

Verify that all items listed below are included in your package:

- 1x Spray Wand with 1/4” Quick Connector (20 inch length)
- 5x Spray Tips (0° Red, 15° Yellow, 25° Green, 40° White, 65° Black - Orifice size #035)
- 1x Turbo Nozzle (Orifice size #035)
- 1x Belt Clip Nozzle Holder



Image 2.1: All components included in the BEAR FORCE Pressure Washer Replacement Spray Wand & Nozzle Kit.

3. Compatibility

This spray wand and nozzle kit is designed for compatibility with specific electric pressure washer models. It is compatible with Husky, Greenworks, Ryobi, Homelite, Harbor Freight Portland, Pulsar, Powerclean, and Powerstroke electric pressure washers. Please ensure your pressure washer's gun lance connection matches the bayonet fitting shown.



Image 3.1: Examples of compatible pressure washer gun connections.



Image 3.2: Examples of incompatible pressure washer gun connections. Please verify your connection type before use.

4. Safety Information

Always observe the following safety precautions when using pressure washer accessories:

- **Wear Eye Protection:** Always wear ANSI Z87.1 approved safety goggles or a face shield to protect against high-pressure spray.

- **Do Not Point at People or Animals:** High-pressure spray can cause serious injury.
- **Maintain a Firm Grip:** The spray wand can produce significant recoil. Hold it firmly with both hands.
- **Check Connections:** Ensure all connections are secure before operating the pressure washer.
- **Maximum Pressure and Temperature:** Do not exceed 2300 PSI and 140°F (60°C) with this accessory.
- **Disconnect Power:** Always turn off and unplug the pressure washer before changing nozzles or performing maintenance.

5. Setup and Installation

1. **Attach Spray Wand to Pressure Washer Gun:** Align the bayonet fitting of the spray wand with the inlet on your pressure washer gun. Push firmly and twist until it locks securely into place.
2. **Select a Nozzle:** Choose the appropriate spray tip or turbo nozzle for your cleaning task (refer to Section 6 for nozzle descriptions).
3. **Connect Nozzle to Spray Wand:** Pull back the collar on the 1/4" quick connector at the end of the spray wand. Insert the desired nozzle into the connector. Release the collar to lock the nozzle in place. Tug on the nozzle to ensure it is securely seated.



Image 5.1: Detail of the 1/4" quick connector and bayonet fitting for attachment.



Image 5.2: Demonstrating the quick and easy nozzle changing process.

6. Operating Instructions

6.1 Nozzle Selection and Application

The kit includes five color-coded spray tips and one turbo nozzle, each designed for specific cleaning tasks:

Color	Spray Angle	Description	Typical Use
Red	0° (Pencil Jet)	High-pressure, concentrated stream.	Spot cleaning, removing stubborn stains, hard-to-reach areas. Use with extreme caution.
Yellow	15° (Fan Spray)	High-pressure, narrow fan spray.	Aggressive cleaning of concrete, brick, and other hard surfaces.
Green	25° (Fan Spray)	Medium-pressure, wider fan spray.	General cleaning of painted surfaces, wood, siding, fences, and lawn mowers.

Color	Spray Angle	Description	Typical Use
White	40° (Fan Spray)	Low-pressure, wide fan spray.	Delicate surfaces like windows, screens, vehicles, and general rinsing.
Black	65° (Soap/Low Pressure)	Very low pressure, wide fan spray.	Applying detergents or chemicals.
Turbo Nozzle	Rotating Spray	Rotates a 0° stream in a 25° cone.	Provides 200% cleaning efficiency over a 25-degree flat fan nozzle for tough dirt.



Image 6.1: Visual guide to nozzle spray patterns and recommended applications.

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Video 6.1: Demonstration of spray wand and various nozzle tip applications on a vehicle.

6.2 General Operation Tips

- Always start with a wider spray angle (e.g., 40°) on a test area to assess the surface's tolerance to pressure.
- Keep the nozzle moving to avoid damaging surfaces.
- For optimal cleaning, hold the nozzle 6-12 inches from the surface. Adjust distance as needed.
- Use the belt clip nozzle holder to keep unused tips organized and accessible.



Image 6.2: The belt clip nozzle holder provides convenient storage for spray tips during use.

7. Maintenance

Proper maintenance ensures the longevity and performance of your spray wand and nozzles:

- **Clean Nozzles:** After each use, remove nozzles and rinse them thoroughly to prevent clogging. Use a small wire or nozzle cleaning tool to clear any blockages.
- **Inspect Connections:** Regularly check the quick connector and bayonet fitting for wear, damage, or leaks. Replace if necessary.
- **Storage:** Store the spray wand and nozzles in a clean, dry place, protected from freezing temperatures.

8. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No water or low pressure from nozzle.	Nozzle clogged or partially blocked.	Remove nozzle and clean with a small wire or nozzle cleaning tool. Rinse thoroughly.
Water leaking from connections.	Loose connection or worn O-rings.	Ensure all connections are tightened. Inspect O-rings for damage and replace if necessary.
Wand detaches from pressure washer gun during use.	Improper installation or incompatible fitting.	Ensure the bayonet fitting is fully inserted and twisted to lock. Verify compatibility with your pressure washer gun (refer to Section 3).

9. Specifications

- **Model:** 7170ARJP
- **Brand:** BEAR FORCE
- **Wand Length:** 20 inches
- **Connector Type:** 1/4" Quick Connector (for nozzles), Bayonet Fitting (for pressure washer gun)
- **Maximum Pressure:** 2300 PSI
- **Maximum Temperature:** 140°F (60°C)
- **Nozzle Orifice Size:** #035 (for all included tips and turbo nozzle)
- **Included Components:** Spray Wand, 5 Spray Tips (0°, 15°, 25°, 40°, 65°), Turbo Nozzle, Belt Clip Nozzle Holder



Image 9.1: Engraved specifications on the spray wand, including max pressure and temperature.

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your original pressure washer purchase or visit the BEAR FORCE official website. Keep your purchase receipt as proof of purchase.
Manufacturer: bear force

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