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BEAR FORCE 7170KKUS

BEAR FORCE Pressure Washer Replacement Spray Wand

MODEL: 7170KKUS

1. Safety Information

Please read and understand all safety warnings and instructions before using this product. Failure to follow these instructions may result in property damage or injury.

- Always wear appropriate personal protective equipment, including eye protection, when operating a pressure washer.
- Ensure all connections are secure before starting the pressure washer to prevent leaks and accidental disconnections.
- Never point the spray wand at people, pets, or electrical outlets.
- Do not modify the spray wand or nozzles. Use only genuine replacement parts.
- Keep children and bystanders away from the work area.
- Always relieve pressure from the system before changing nozzles or disconnecting the wand.

2. Package Contents

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

- 1 x Spray Wand with 1/4” Quick Connector
- 1 x Turbo Nozzle (orifice size #035)
- 5 x Spray Tips (0° red, 15° yellow, 25° green, 40° white, 65° black, orifice size #035)
- 1 x Belt Clip Nozzle Holder



Image: Complete package contents including the spray wand, turbo nozzle, five spray tips, and belt clip holder.

3. Setup Instructions

Follow these steps to properly set up your replacement spray wand:

1. **Connect the Spray Wand to your Pressure Washer:**

   The spray wand is designed to connect to Karcher K1-K7 power washers. Ensure your pressure washer's connection point is compatible with the wand's inlet.

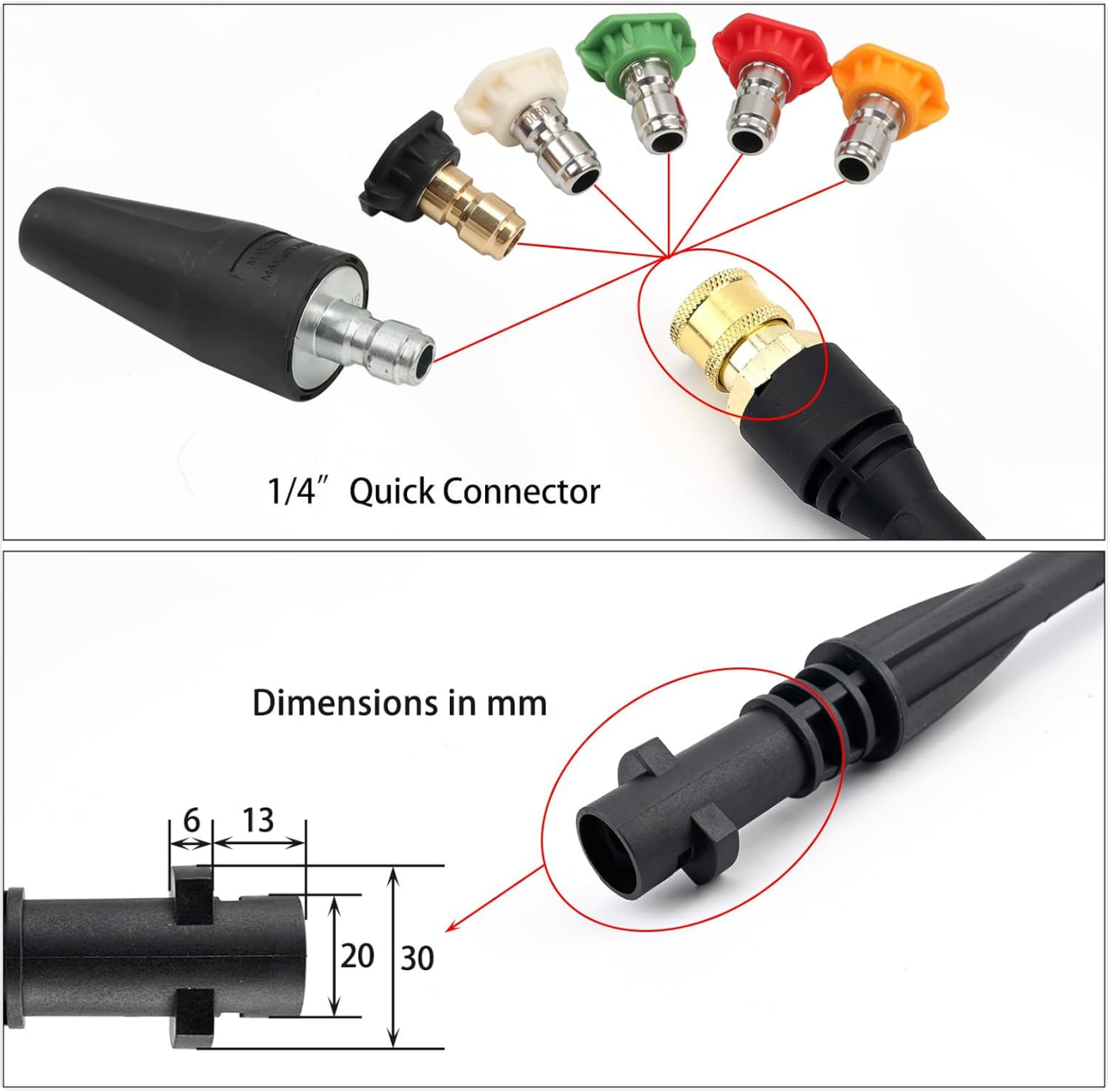


Image: Detailed view of the 1/4" Quick Connector and the Karcher-compatible inlet, with dimensions in millimeters.

2. **Attach a Spray Nozzle:**

   The spray wand features a 1/4" quick connector for easy nozzle attachment. Pull back the collar on the quick connector, insert the desired spray tip or turbo nozzle, and release the collar to secure it. Tug gently on the nozzle to ensure it is firmly seated.



Image: A spray tip being inserted into the 1/4" quick connector on the spray wand.

3. **Utilize the Belt Clip Nozzle Holder:**

   The included belt clip nozzle holder provides convenient storage for your spray tips. Attach it to your belt or pressure washer for easy access during operation.



Image: A user demonstrating the belt clip nozzle holder attached to clothing, holding various spray tips.

4. Operating Instructions

Once the spray wand and desired nozzle are securely attached, you can begin operating your pressure washer according to its manufacturer's instructions. Remember to select the appropriate nozzle for your cleaning task.

Changing Nozzles Safely:

1. Turn off the pressure washer and release any residual pressure by squeezing the trigger gun.
2. Pull back the collar on the spray wand's quick connector.
3. Remove the current nozzle.
4. Insert the new nozzle and release the collar, ensuring it locks into place.
5. Test the connection before resuming operation.

5. Nozzle Selection Guide

The included spray tips and turbo nozzle offer various spray patterns for different cleaning applications. Refer to the guide

below to choose the most effective nozzle for your task.

Nozzle Color/Type	Spray Angle	Recommended Use
Red	0° (Pencil Jet)	Concentrated stream for stubborn stains and hard-to-reach areas. Use with caution on delicate surfaces.
Yellow	15° (Chisel Tip)	Aggressive cleaning for concrete, brick, and other hard surfaces with tough stains.
Green	25° (Fan Spray)	General cleaning for painted surfaces, wood, siding, fences, and lawn mowers.
White	40° (Wide Fan Spray)	Gentle cleaning for windows, screens, and delicate surfaces.
Black	65° (Soap Nozzle)	Low-pressure spray for applying detergents or cleaning solutions.
Turbo Nozzle	Rotating Jet	Combines the power of a 0° stream with the coverage of a wide-angle spray. Ideal for removing heavy dirt and grime from durable surfaces. Provides up to 200% cleaning efficiency over a 25-degree flat fan nozzle.

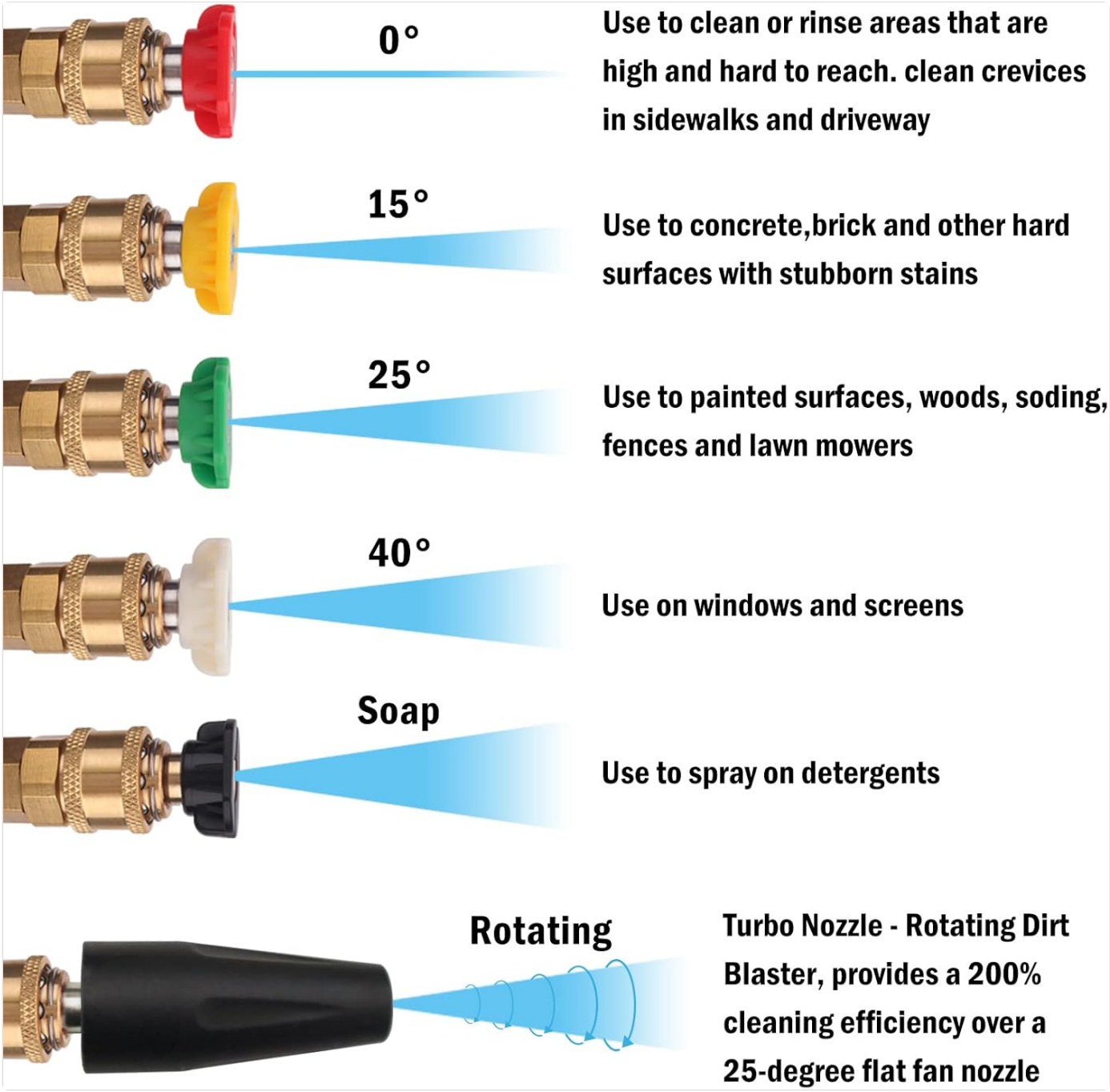


Image: Visual guide to spray patterns and applications for the 0°, 15°, 25°, 40°, Soap, and Rotating (Turbo) nozzles.

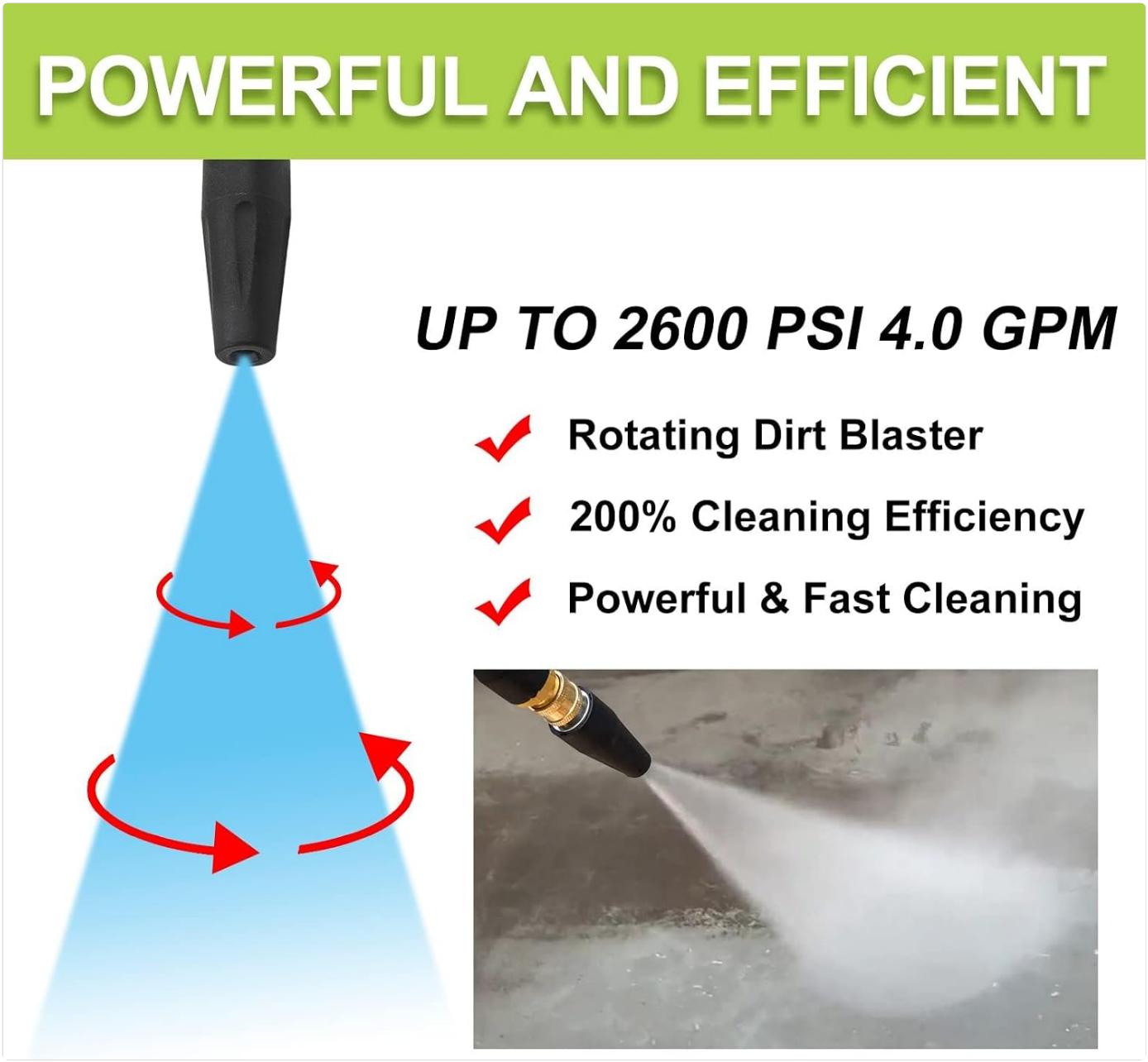


Image: Depiction of the turbo nozzle's rotating dirt blaster action, highlighting its powerful and efficient cleaning capability.

6. Maintenance

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

- **Cleaning Nozzles:** If a nozzle becomes clogged, use a small wire or nozzle cleaning tool to clear any debris from the orifice. Rinse thoroughly with water.
- **Wand Cleaning:** After each use, rinse the spray wand with clean water to remove any chemical residues or dirt.
- **Storage:** Store the spray wand and nozzles in a clean, dry place, away from direct sunlight and extreme temperatures. Use the belt clip holder to keep nozzles organized.
- **Inspections:** Periodically inspect the wand and nozzles for any signs of wear, damage, or leaks. Replace damaged components immediately.

7. Troubleshooting

If you encounter issues with your spray wand, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No water or low pressure from nozzle	Clogged nozzle; insufficient water supply to pressure washer; air in the system.	Clean the nozzle orifice; ensure water supply is fully open; purge air from the pressure washer system according to its manual.
Water leaking from connections	Loose connection; worn O-rings or seals.	Tighten all connections; inspect and replace O-rings or seals if damaged.
Nozzle detaches during use	Nozzle not fully seated in quick connector.	Ensure the nozzle is fully inserted and the quick connector collar is released and locked into place.

8. Specifications

Feature	Detail
Brand	BEAR FORCE
Model Number	7170KKUS
Wand Length	20 inches (approximately 51.7 cm)
Maximum Operating Pressure	2300 PSI
Maximum Temperature	140°F (60°C)
Inlet Connection Type	1/4 inch NPT
Outlet Connection Type	1/4 inch Quick Connector
Exterior Finish	Stainless Steel
Compatible With	Karcher K1, K2, K3, K4, K5, K6, K7 Power Washers



Image: The spray wand with its measured length of 51.7 cm / 20.4 inches.

9. Warranty and Support

For warranty information or technical support, please contact BEAR FORCE customer service through the retailer where the product was purchased. Please have your model number (7170KKUS) and purchase date available when contacting support.

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