

Dixon NZ4040S

Dixon 1/4" 40° Angle High Pressure Spray Soap Nozzle NZ4040S Instruction Manual

INTRODUCTION

This instruction manual provides essential information for the safe and effective use, setup, operation, and maintenance of your Dixon 1/4" 40° Angle High Pressure Spray Soap Nozzle, Model NZ4040S. Please read this manual thoroughly before using the product and retain it for future reference.

PRODUCT OVERVIEW

The Dixon NZ4040S is a specialized nozzle designed for high-pressure soap application. It features a 1/4" male inlet for connection to compatible pressure washing equipment and produces a 40-degree fan spray pattern. Constructed from durable brass, this nozzle is engineered for reliable performance in demanding environments.



Figure 1: Dixon NZ4040S High Pressure Spray Soap Nozzle. This image displays the Dixon NZ4040S high-pressure spray soap nozzle. It is a brass-colored, cylindrical component with a threaded male inlet at the bottom for attachment. The top features a V-shaped opening designed to produce a 40-degree fan spray pattern, suitable for soap application. The body of the nozzle has hexagonal sections for wrench grip and engraved text, including 'S.S. CO.' and 'HI'.

SAFETY INFORMATION

Always observe the following safety precautions when using high-pressure equipment:

- **Eye Protection:** Always wear ANSI Z87.1 approved eye protection to shield against high-pressure spray and debris.
- **Hand Protection:** Wear appropriate gloves to protect hands from chemicals and high-pressure water.
- **Foot Protection:** Wear closed-toe, non-slip footwear.
- **Never Point at People or Animals:** High-pressure spray can cause severe injury.
- **Check Connections:** Ensure all connections are secure before operating the pressure washer.
- **Use Correct Nozzle:** Always use the correct nozzle for the task to prevent damage to surfaces or injury.
- **Read Pressure Washer Manual:** Refer to your pressure washer's instruction manual for additional safety guidelines and operating procedures.

SETUP

1. **Ensure Power is Off:** Before attaching or detaching any nozzle, ensure your pressure washer is turned off and depressurized.
2. **Identify Inlet:** The Dixon NZ4040S nozzle features a 1/4" male threaded inlet.
3. **Connect to Wand/Gun:** Thread the nozzle securely onto the female 1/4" quick-connect fitting of your pressure washer wand or spray gun. Hand-tighten first, then use a wrench on the hexagonal flats of

the nozzle for a snug fit, if necessary, to prevent leaks. Do not overtighten.

4. **Check for Leaks:** Once connected, slowly turn on the water supply and check for any leaks at the connection point before starting the pressure washer.

OPERATING INSTRUCTIONS

The NZ4040S nozzle is specifically designed for applying soap or detergents at high pressure. Its 40-degree fan spray pattern provides broad coverage suitable for pre-soaking surfaces.

- **Prepare Detergent:** Ensure your pressure washer's detergent tank is filled with the appropriate cleaning solution, or that your siphon tube is correctly placed in a detergent container.
- **Start Pressure Washer:** Follow your pressure washer's instructions to start the unit.
- **Apply Soap:** Point the nozzle at the surface to be cleaned, maintaining a safe distance. Squeeze the trigger on your spray gun to begin applying the soap solution in even, overlapping passes. The 40-degree fan spray will ensure good coverage.
- **Allow Dwell Time:** Allow the detergent to dwell on the surface for the recommended time as per the detergent manufacturer's instructions, without letting it dry.
- **Rinse:** After soap application, switch to a rinsing nozzle (e.g., a 25-degree or 0-degree nozzle, depending on the task) to thoroughly rinse the surface.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your nozzle.

- **Cleaning:** After each use, especially when using detergents, rinse the nozzle thoroughly with clean water to prevent chemical buildup and corrosion.
- **Inspect for Clogs:** Periodically inspect the nozzle opening for any debris or mineral deposits that may cause clogging or an irregular spray pattern. Use a nozzle cleaning tool or a thin wire to clear any obstructions.
- **Storage:** Store the nozzle in a clean, dry place when not in use.
- **Inspect for Damage:** Regularly check the nozzle for any signs of wear, cracks, or damage. Replace the nozzle if it shows significant wear or damage to maintain safe and effective operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Irregular or weak spray pattern	Nozzle clogged with debris or mineral deposits.	Clean the nozzle opening using a nozzle cleaning tool or a thin wire. Rinse thoroughly.
Water leaking from connection	Nozzle not tightened sufficiently or damaged threads.	Ensure the nozzle is securely tightened. Inspect threads for damage; replace if necessary.

Problem	Possible Cause	Solution
No soap being dispensed	Detergent tank empty, siphon tube clogged, or pressure washer not set to detergent mode.	Check detergent levels. Clear siphon tube. Refer to your pressure washer manual for detergent application settings.

SPECIFICATIONS

Model Number: NZ4040S

Brand: Dixon

Inlet Size: 1/4" Male

Spray Angle: 40°

Nozzle Size: #40

Material: Brass

Exterior Finish: Brass

Item Weight: 0.8 ounces

Number of Ports: 2

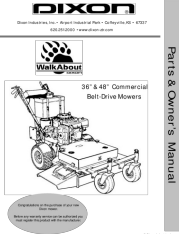

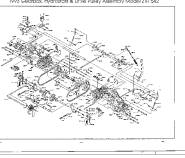
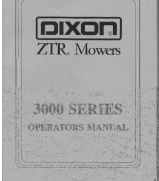
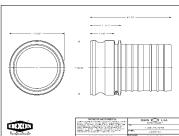

WARRANTY INFORMATION

Specific warranty details for the Dixon NZ4040S nozzle are not provided in the product information. Please refer to the manufacturer's official website or contact Dixon customer service for current warranty terms and conditions.

SUPPORT

For further assistance, technical support, or inquiries regarding the Dixon NZ4040S nozzle, please contact Dixon customer service directly. Contact information can typically be found on the manufacturer's official website.

Related Documents - NZ4040S

	<p>Dixon WalkAbout 36" & 48" Commercial Belt-Drive Mowers: Parts & Owner's Manual</p> <p>This comprehensive manual provides essential information for the operation, maintenance, and safety of Dixon WalkAbout 36" and 48" Commercial Belt-Drive Mowers. It includes detailed instructions on starting, operating, and servicing the equipment, along with safety guidelines and a warranty policy.</p>
	<p>Dixon SilverTip ZTR Mower 2005: Safety and Operator's Manual</p> <p>Comprehensive safety instructions and operational guidance for the 2005 Dixon SilverTip ZTR riding mower, covering operation, maintenance, and troubleshooting for safe and efficient use.</p>
	<p>1993 Dixon ZTR 542 Parts Diagram and Assembly Guide</p> <p>Detailed assembly diagrams and parts list for the 1993 Dixon ZTR 542 lawn mower, covering gearbox, drive pulley, fuel and hydraulics, chassis, mower deck, body, and wiring.</p>
	<p>Dixon ZTR Mowers 3000 Series Operator's Manual</p> <p>Comprehensive operator's manual for Dixon ZTR Mowers, 3000 Series, covering safety, specifications, operation, maintenance, and troubleshooting. Includes model details for ZTR 3303, ZTR 3304, and ZTR 3014.</p>
	<p>Dixon G400-E-AL 4" Global Type E Adapter Technical Specifications</p> <p>Technical drawing and specifications for the Dixon G400-E-AL 4" Global Type E Adapter made from aluminum alloy.</p>
	<p>Dixon AM11 Air King Hose End - California Proposition 65 Warning</p> <p>California Proposition 65 warning for the Dixon AM11 Air King Universal Hose End, indicating potential cancer and reproductive harm. Learn more at www.p65warnings.ca.gov.</p>