Yosoo LEPAC386

Yosoo Airless Spray Gun Tip Instruction Manual

Model: LEPAC386

1. Product Overview

The Yosoo Airless Spray Gun Tip is a high-quality, reversible nozzle designed for use with airless paint sprayers. Constructed from durable tungsten steel, it offers efficient and consistent paint application for various projects. This tip is suitable for medium to large residential and commercial painting tasks, including indoor spraying and exterior latex or oil paint applications.
Key features include:

- **Durable Material:** Made from tungsten steel for extended wear resistance.
- **Versatile Sizes:** Available in 2, 3, 4, and 5 series to accommodate different spray patterns and flow rates.
- **Adjustable Spray Range:** The spray pattern width varies depending on the tip's aperture size.
- **Clear Numbering System:** The first digit indicates the spray pattern width (e.g., '2' for a 2-inch pattern, '4' for a 4-inch pattern, when sprayed from a standard distance). The last two digits represent the orifice size in thousandths of an inch (e.g., '13' for 0.013 inches). A larger orifice size allows for greater paint flow.
- **Reversible Design:** Allows for quick and easy clearing of clogs by simply rotating the nozzle.

2. Safety Information

Warning: Protective gear is recommended during use. Always wear appropriate personal protective equipment, including eye protection, gloves, and a respirator. Avoid direct contact with eyes and skin. Never point the nozzle towards people or animals. Ensure the spray gun is depressurized before handling the tip.

3. Product Components

The Yosoo Airless Spray Gun Tip package includes:

- 1 x Airless Spray Gun Tip (Tungsten Steel)
- 1 x Seal



Image: Various Yosoo Airless Spray Gun Tips and Seals. This image displays eight different spray gun tips, each with a unique numerical designation (e.g., 419, 319, 215, 213, 219, 217, 521, 519) and its accompanying seal, illustrating the range of available sizes and types.

4. Setup Instructions

1. **Ensure Safety:** Before installing or changing the spray tip, always turn off your airless spray gun and relieve any pressure in the system. Refer to your spray gun's manual for specific depressurization procedures.
2. **Insert Seal:** Place the provided seal into the tip guard. Ensure it is seated correctly.
3. **Insert Tip:** Insert the Yosoo Airless Spray Gun Tip into the tip guard, ensuring the tip is oriented correctly for spraying (not in the unclogging position).
4. **Attach to Gun:** Securely attach the tip guard assembly onto your airless spray gun. Hand-tighten only; do not overtighten.
5. **Test System:** Once installed, re-pressurize your spray gun system and test for leaks before beginning your painting project.



Image: Yosoo Airless Spray Gun Tip with Sprayer. This image shows a Yosoo airless spray gun tip (model 419) positioned next to a complete airless paint sprayer system, illustrating the context of its use.

5. Operating Instructions

Proper operation of the spray tip is crucial for achieving desired results and ensuring safety.

- **Tip Selection:** Choose the appropriate tip size based on the paint material viscosity and desired spray pattern width and flow rate. Refer to the numbering system explanation in Section 1.
- **Spray Technique:** Maintain a consistent distance and angle from the surface being painted. Overlap each pass by approximately 50% for even coverage.
- **Clearing Clogs:** If the tip becomes clogged during operation, rotate the tip 180 degrees to the cleaning position. Spray briefly to clear the obstruction. Once cleared, rotate the tip back to the spraying position. Always ensure the spray gun trigger is released and the safety lock is engaged before rotating the tip.



Image: Multiple Views of the Spray Tip. This composite image presents four distinct views of a Yosoo airless spray gun tip, highlighting its design and reversible functionality for clearing clogs.

6. Maintenance

Regular maintenance extends the life of your spray tip and ensures optimal performance.

- **Cleaning After Use:** After each use, thoroughly clean the spray tip. Rotate the nozzle to the cleaning position and flush with appropriate cleaning solution (water for latex, mineral spirits for oil-based paints) until clear.
- **Disassembly for Deep Cleaning:** For a more thorough cleaning, remove the tip and seal from the guard. Clean all components individually, removing any dried paint or debris.
- **Storage:** Store the clean and dry tip in a protective fluid or in its original packaging to prevent damage and prolong its lifespan.
- **Inspection:** Periodically inspect the tip for wear, especially the orifice. A worn tip will produce an inconsistent or fan-shaped spray pattern and should be replaced.

7. Troubleshooting

Addressing common issues can help maintain efficient operation.

- **Clogged Tip:** If paint flow stops or becomes erratic, rotate the tip 180 degrees to the unclogging position and spray briefly. If the clog persists, depressurize the system, remove the tip, and clean it manually.
- **Inconsistent Spray Pattern:** This can be caused by a partially clogged tip, a worn tip, or incorrect pressure settings on your spray gun. Clean the tip, inspect for wear, and adjust pressure as needed.
- **Leaking from Tip Guard:** Ensure the seal is correctly seated and not damaged. Tighten the tip guard securely onto the spray gun (hand-tight only).

8. Specifications

Brand	Yosoo

Model Name	LEPAC386
Material	Tungsten Steel
Color	Black+Sliver
Product Dimensions	1.65"W x 1.97"H
Item Weight	0.81 ounces
Included Components	Airless Spray Gun Tip, Seal
Recommended Uses	Painting

9. Warranty and Support

Information regarding product warranty and customer support for the Yosoo Airless Spray Gun Tip (Model LEPAC386) is not provided within this manual. Please refer to the product packaging, the retailer's website, or contact Yosoo customer service directly for details on warranty coverage and support options.