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› [Wagner](#) /

› Wagner Earlex 2463470#3 Needle and Tip Kit User Manual

Wagner 2463470

Wagner Earlex #3 Needle and Tip Kit User Manual

Model: 2463470

PRODUCT OVERVIEW

This manual provides essential information for the proper use, maintenance, and care of your Wagner Earlex #3 Needle and Tip Kit. Please read thoroughly before use.

The Wagner Earlex #3 Needle and Tip kit is a 0.051" / 1.3mm size, designed for all-purpose work with medium viscosity lacquers, latex, enamel, oils, and similar materials. Its all-metal construction ensures durability and precision for achieving high-quality finishes.



Image: The Wagner Earlex #3 Needle and Tip Kit, showing the needle, tip, and air cap components.

SAFETY INFORMATION

Important Safety Instructions:

- Always use in a well-ventilated area.
- Avoid contact with skin and eyes.
- Wear appropriate protective clothing, including gloves, eye protection, and a respirator.
- Dispose of used materials responsibly according to local regulations.
- Keep out of reach of children and pets.

SETUP AND INSTALLATION

The #3 Needle and Tip Kit is designed for use with the Pro 9 Spray Gun on the Wagner Earlex 6700 HVLP paint sprayer. Follow these steps for proper installation:

1. **Ensure the spray gun is disconnected from power and depressurized.**
2. Remove the existing air cap, fluid tip, and needle from the spray gun. Refer to your Wagner Earlex 6700 manual for specific instructions on disassembly.
3. Insert the new #3 needle into the back of the spray gun, ensuring it slides smoothly into place.
4. Thread the #3 fluid tip onto the front of the spray gun body. Hand-tighten only.
5. Place the #3 air cap over the fluid tip and secure it by twisting the retaining ring.
6. Verify all components are securely fastened before connecting the spray gun to power.



Image: A person demonstrating the use of a Wagner Earlex spray gun, which would utilize this needle and tip kit, for fine finishing on wood.

OPERATING GUIDELINES

The #3 (1.3mm) needle and tip is ideal for medium viscosity materials. Proper operation ensures optimal finish quality.

- **Material Preparation:** Ensure your material (lacquers, latex, enamel, oils) is properly thinned to the recommended viscosity for HVLP spraying. The 1.3mm tip is suitable for many medium-bodied coatings.
- **Test Spray:** Always perform a test spray on a scrap piece of material to adjust fluid flow and air pressure settings for your specific coating and desired finish.
- **Spray Technique:** Maintain a consistent distance and speed while spraying. Overlapping passes by 50% will help achieve an even coat.
- **Cleaning During Use:** If the tip becomes clogged during operation, disconnect power, relieve pressure, and clean the tip with a suitable solvent.

#3 ALL PURPOSE MEDIUM VISCOSITY LACQUERS, LATEX, ENAMEL, OILS, ETC.



Image: A close-up view of the spray gun, highlighting the #3 All Purpose tip, suitable for medium viscosity lacquers, latex, enamel, and oils.

MAINTENANCE AND CLEANING

Regular cleaning and maintenance will extend the life of your needle and tip kit and ensure consistent performance.

1. **Immediate Cleaning:** After each use, immediately clean the needle, tip, and air cap. Disassemble the components from the spray gun.
2. **Soak and Brush:** Soak the components in an appropriate cleaning solvent (e.g., mineral spirits for oil-based paints, water for latex). Use a small brush to remove all paint residue from the internal and external surfaces. Pay close attention to the fluid tip orifice and air cap holes.
3. **Rinse and Dry:** Rinse thoroughly with clean water or solvent. Ensure all cleaning solution is removed. Allow components to air dry completely before reassembly or storage.
4. **Storage:** Store the clean, dry needle and tip kit in a protective container to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution
Poor spray pattern / Spitting	Clogged fluid tip or air cap; Material too thick; Insufficient air pressure.	Clean tip and air cap thoroughly; Thin material to recommended viscosity; Increase air pressure.
No material flow	Needle not seated correctly; Fluid tip completely clogged; Material too thick.	Re-seat needle; Clean fluid tip; Thin material.
Excessive overspray	Material too thin; Air pressure too high.	Thicken material slightly; Reduce air pressure.

Specifications

- **Model:** 2463470
- **Needle/Tip Size:** #3 (0.051" / 1.3mm)
- **Material:** Metal
- **Recommended Use:** Medium viscosity lacquers, latex, enamel, oils
- **Compatibility:** Wagner Earlex 6700 Pro 9 Spray Gun
- **Dimensions:** Approximately 5"W x 0.82"H (overall kit dimensions)
- **Item Weight:** 2.64 ounces
- **UPC:** 024964309313

Warranty and Support

For warranty information and technical support, please refer to the original Wagner Earlex 6700 Pro 9 Spray Gun manual or visit the official Wagner website. This needle and tip kit is an accessory and its warranty may be covered under the main product's terms or as a separate accessory.

Manufacturer: Earlex

Brand: Wagner

For further assistance, you may contact Wagner customer support through their official channels.

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