

FLYERX Troubleshooting Guide

If you encounter issues while using the product, please refer to the following guide to identify and resolve the cause. If the problem persists, contact your dealer.

Airflow Issues

1. No Airflow

❶ Clogged Nozzle Set or Air Nozzle

→ Clean the Nozzle Set, Air Nozzle, and air passage areas thoroughly to ensure no paint residue remains. Fig. 1 Fig. 2

❷ Dried Paint

→ Follow the cleaning procedures to clear the Nozzle Set, Air Nozzle, and air passages. Fig. 1 Fig. 2

❸ Improper Connection

→ Ensure the air hose fitting connected to the airbrush uses a 1/8" PS thread, and that the fitting at the opposite end matches the compressor outlet fitting.

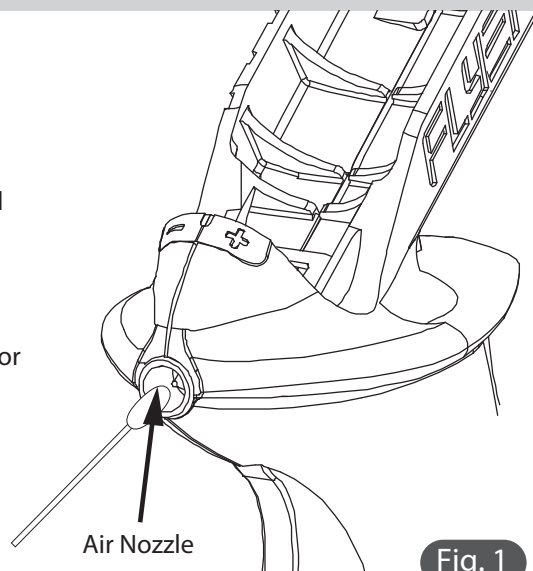


Fig. 1

2. Unstable Airflow

❶ Partial Clog

→ Clean the Nozzle and test again.

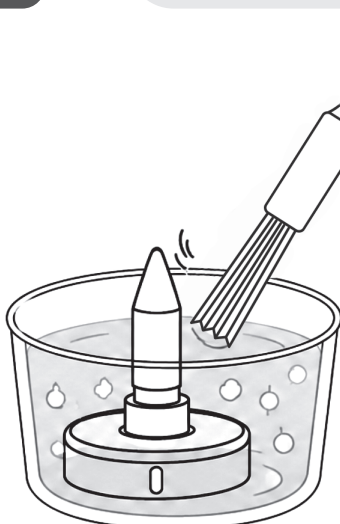
❷ Loose or Leaking Connection

→ Retighten the air hose fittings and ensure there is no air leakage.

Soak & Clean the Parts

Fig. 2

Soak the parts in an appropriate airbrush cleaner and use the Micro Brush to gently clean each part.



❶ Clean the Nozzle Set



❷ Clean the Needle and Spring



❸ Clean the Paint Control Cap



After cleaning, rinse the parts with water and allow them to air dry completely before reassembly.

Paint Flow Issues

1. Paint Does Not Spray

① Paint Control Cap Closed

→ Rotate the Paint Control Cap toward the “+” direction to increase paint flow.

② Paint Too Thick

→ Ensure the paint has proper flow and thin it if necessary.

③ Clogged Nozzle

→ Clean the Nozzle and remove any paint residue.

④ Bottle with Nozzle Set Not Installed Correctly

→ Hold the Paint Control Cap and push the set fully into place. **Fig. 3**

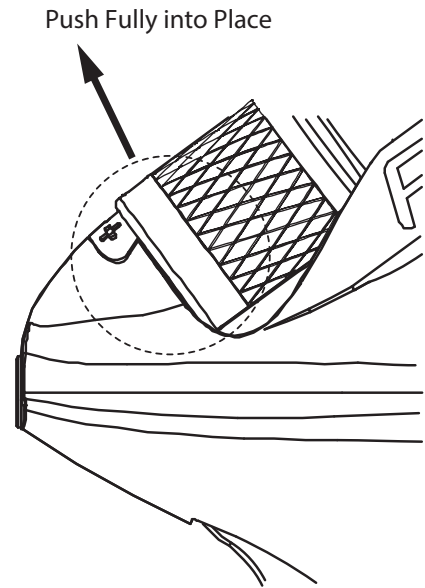


Fig. 3

2. Irregular Paint Flow or Intermittent Spray

① Paint Residue on the Nozzle or Needle

→ Clean the Nozzle and Needle.

② Paint Too Thick

→ Adjust the paint consistency or add an appropriate thinner.

③ Paint Drying Too Quickly

→ Use an appropriate solvent to dissolve dried paint. To reduce paint drying during spraying, use the paint manufacturer's recommended retarder.

④ Dirty or Incorrectly Installed PTFE Packing

→ Follow the White PTFE Packing Installation Guide and reinstall the PTFE Packing correctly.

White PTFE Packing Installation Guide

Fig. 4

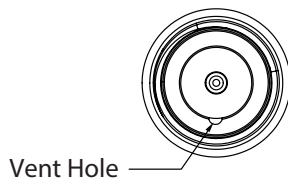


Fig. 5

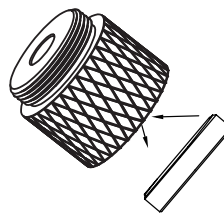
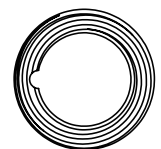
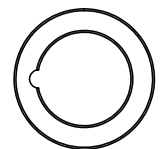


Fig. 6



Textured Side



Smooth Side

Paint may accumulate on the PTFE Packing **Fig. 6** after extended use. Remove the PTFE Packing for cleaning.

① From the Vent Hole **Fig. 4, use a toothpick to gently push the PTFE Packing out. **Fig. 5****

② Use the Micro Brush with airbrush cleaner to clean the PTFE Packing.

③ Reinstall the PTFE Packing into the Paint Control Cap with the smooth side facing outward. **Fig. 6**



CAUTION: Do not use sharp tools that may puncture or damage the packing. Incorrect installation may cause paint leakage.

Air or Paint Leakage

1. Trigger Air Leakage

❶ Bottle with Nozzle Set Not Fully Installed

→ Reinstall the set and push it fully into place. **Fig. 3**

❷ Clogged Air Nozzle

→ Clean the Air Nozzle.

2. Paint Leakage

❶ Nozzle Set Not Properly Tightened

→ Retighten the Nozzle Set. **Fig. 7**

❷ Paint Control Cap Not Sealed Properly

→ Ensure the Paint Control Cap is installed correctly.

❸ PTFE Packing Installed Incorrectly

→ Reinstall the packing following the White PTFE Packing Installation Guide.

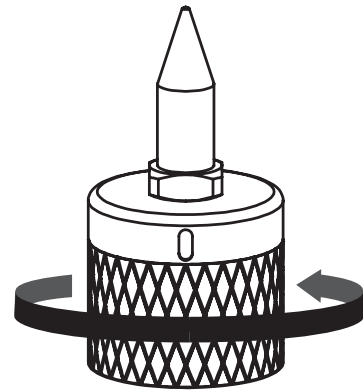


Fig. 7

Spray Performance Issues

1. Coarse Spray Particles or Uneven Spray Pattern

❶ Paint Too Thick

→ Thin the paint.

❷ Insufficient Air Pressure

→ Increase the pressure.

❸ Paint Residue in the Nozzle

→ Clean the Nozzle.

❹ Incorrect Spraying Distance

→ Adjust the spraying distance.

2. Spray Direction Deviation

❶ Partially Clogged Nozzle

→ Clean the Nozzle.

❷ Damaged Nozzle or Needle

→ Replace with the Nozzle & Bottle Set.