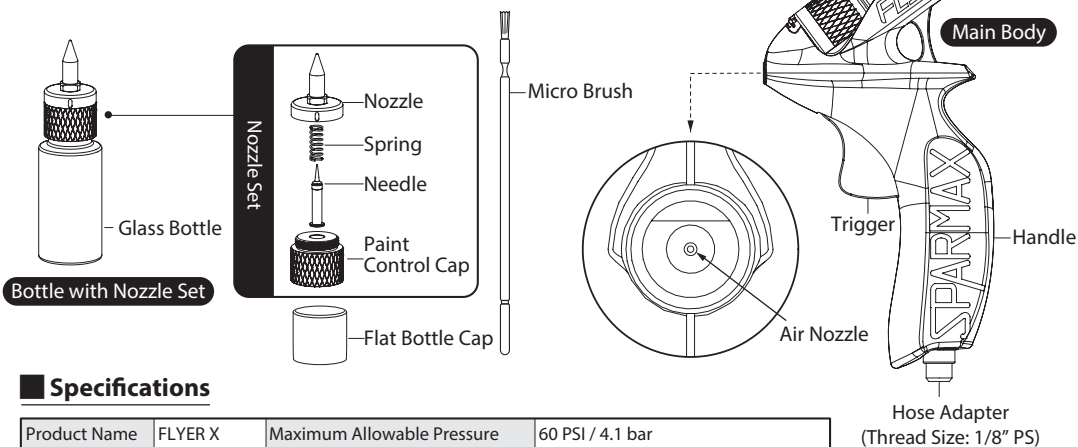


FLYERX User Manual

Parts List



Specifications

Product Name	FLYER X	Maximum Allowable Pressure	60 PSI / 4.1 bar
Operation	Single Action	Recommended Working Pressure	30-40 PSI / 2.1-2.8 bar
Feeding System	Gravity	Bottle Size	15 mL
Body Material	Nylon Plastic	Included Accessories	Nozzle Set x2 Glass Bottles with Flat Bottle Caps x3 Micro Brush x1

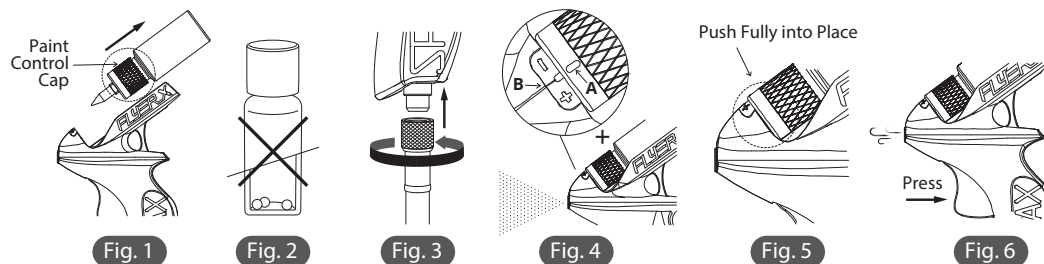
Do not attempt to disassemble or repair the Main Body. Repair parts are not available.

* Separate Nozzle & Bottle Sets are available for purchase.

NOTE: Working pressure refers to the pressure reading obtained when the airbrush is connected to an operating compressor and the trigger is depressed.

Operating Instructions

Preparation Before Use



Removal of Preinstalled Bottle with Nozzle Set

1. Hold the Paint Control Cap and pull the preinstalled Bottle with Nozzle Set straight out from the Main Body. (Fig. 1)
- CAUTION:** Do not rotate the Glass Bottle, as this may cause paint leakage.

Paint Preparation

1. Unscrew the Nozzle Set from the Bottle with Nozzle Set.
 2. Follow the paint manufacturer's recommended thinning ratio. Add paint and, if necessary, add an appropriate amount of thinner into the Glass Bottle.
 3. Install the Flat Bottle Cap and mix thoroughly until smooth.
- CAUTION:** Do not add mixing balls or other objects, as they may break the bottle or cause clogs. (Fig. 2)
4. Replace the Flat Bottle Cap with the Nozzle Set.

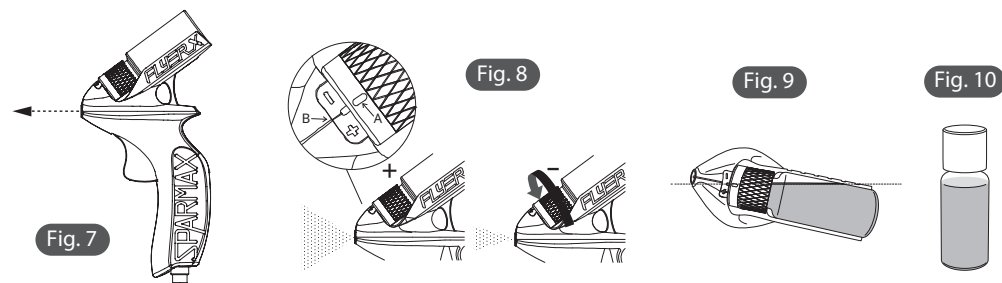
Installation

1. Connect an air hose to the Hose Adapter of the airbrush and tighten it by hand. (Fig. 3)
- CAUTION:** Do not use tools to overtighten the fitting, as this may damage the Main Body.
2. Connect the other end of the air hose to an air compressor.
 3. Align mark (A) on the Nozzle Set with mark (B) on the Main Body. (Fig. 4)
 4. Hold the Paint Control Cap and push the bottle firmly into the Main Body. (Fig. 5)
 5. Before use, to avoid accidental spraying, ensure the Paint Control Cap is fully closed by rotating it clockwise completely, then turn on the compressor.
 6. Press the Trigger and adjust the working pressure. (Fig. 6)

Operation

ATTENTION

- To adjust paint flow, rotate the Paint Control Cap. DO NOT rotate the Glass Bottle, as this may cause paint leakage.
- Do not rotate the Paint Control Cap excessively toward the "+" symbol, as this may separate the Nozzle from the Paint Control Cap.
- If the Paint Control Cap is not closed properly, paint leakage may occur.



Spray Direction Visual Guide

1. Use the reference line on the front body to help identify the spraying direction for better control. (Fig. 7)

Spray and Paint Flow Adjustment

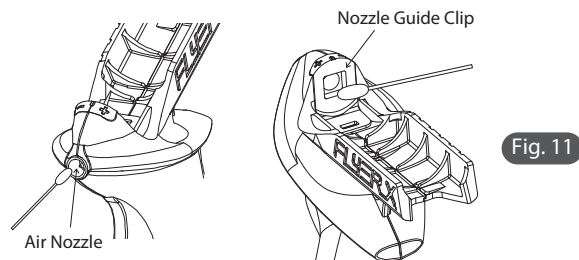
1. Hold the Paint Control Cap and rotate it toward the "+" symbol to begin spraying. (Fig. 8)
2. To adjust paint flow:
 - Rotate toward "+" to increase paint flow.
 - Rotate toward "-" to decrease paint flow.
3. At the end of the session, close the Paint Control Cap completely by rotating it fully toward the "-" symbol until it stops.

Usage Tips

1. Before use, perform a test spray to ensure normal paint flow and spray performance.
2. The recommended spraying distance is approximately 7.5 cm.
Spraying closer produces thinner, darker lines. Spraying farther away produces wider, lighter lines.
3. The airbrush may be placed horizontally without paint leakage due to the elevated nozzle tip position relative to the paint level. (Fig. 9)
4. Keep the paint level below the shoulder of the Glass Bottle. (Fig. 10)

AFTER EACH AIRBRUSHING SESSION

1. Keeping your airbrush clean is extremely important. Failure to follow the cleaning and storage procedures below may affect spray performance and result in improper operation.



Cleaning the Main Body

1. Wipe the exterior with a soft cloth dampened with warm water or a neutral detergent, then wipe dry.
2. Clean the Air Nozzle and Nozzle Guide Clip using a cotton swab to ensure no paint residue or lint remains. **Fig. 11**
3. Before storage, press the Trigger to release any remaining air.

Cleaning the Nozzle Set

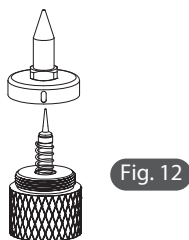
1. Remove the Nozzle Set from the Glass Bottle.
2. Install the Flat Bottle Cap onto the Glass Bottle. Keep the bottle upright and store it in a cool place to preserve paint.
CAUTION: Storing paint with the Nozzle Set attached may cause the paint to harden due to solvent evaporation.
3. Disassemble the Nozzle Set into the Nozzle, Needle, Spring, and Paint Control Cap.
CAUTION: Be extremely careful with the exposed Needle. Damage or deformation may affect spray performance.
4. Soak the parts in an appropriate airbrush cleaner to dissolve paint residue.
CAUTION: Do not soak the parts for excessively long periods, as this may affect their durability.
5. Use the Micro Brush with airbrush cleaner to remove paint residue from the interior and exterior surfaces of the parts.
6. Wipe dry or allow the parts to air dry completely before reassembly or storage.

IMPORTANT

The Nozzle Set should be disassembled and cleaned promptly after each airbrushing session. This is especially critical for the Nozzle, where residue from acidic media may affect long-term performance and material condition.

Reassembling the Nozzle Set

1. Install the Needle into the Paint Control Cap, then install the Spring. **Fig. 12**
2. Install the Nozzle over the Needle while keeping both parts aligned on the same axis, then tighten by turning clockwise.
CAUTION: Failure to follow the above assembly sequence may damage the Needle.



Troubleshooting Guide



NEED HELP?

Scan the QR code above for the troubleshooting guide.
If the issue persists, please contact your authorized **SPARMAX** dealer.