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› Master Airbrush SB84 Dual-Action Side Bowl Feed Airbrush Kit Instruction Manual

Master Airbrush SB84

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Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the Master Airbrush SB84 Multi-Purpose Dual-Action Side Bowl Feed Airbrush Kit. Designed for versatility and precision, this airbrush is suitable for a wide range of applications, from fine art and hobby projects to automotive graphics and cake decorating. Please read these instructions carefully before use to ensure proper operation and maintenance.

PRODUCT OVERVIEW

The Master Airbrush SB84 is a dual-action, side bowl feed airbrush system. It includes multiple nozzle sets and fluid cups to adapt to various painting needs.



Image: Overview of the Master Airbrush SB844 kit components, including the airbrush body, gravity fluid cup, siphon feed bottle, and various nozzle sets.

Key Components:

- **Dual-Action Airbrush Body:** Provides independent control over air and fluid flow.
- **1/3 oz Gravity Fluid Cup:** For smaller amounts of paint, offering direct gravity feed.
- **3/4 oz Siphon Side-Feed Bottle:** For larger volumes of paint, allowing for extended use.
- **3 Nozzle Sets (0.2mm, 0.3mm, 0.5mm):** Includes needles, fluid tips, and air caps for varied spray patterns and detail levels.
- **Fluid Control Knob:** Located at the rear of the airbrush, this knob allows for precise adjustment of paint flow.
- **Ergonomic Trigger:** Designed for comfortable and responsive control.

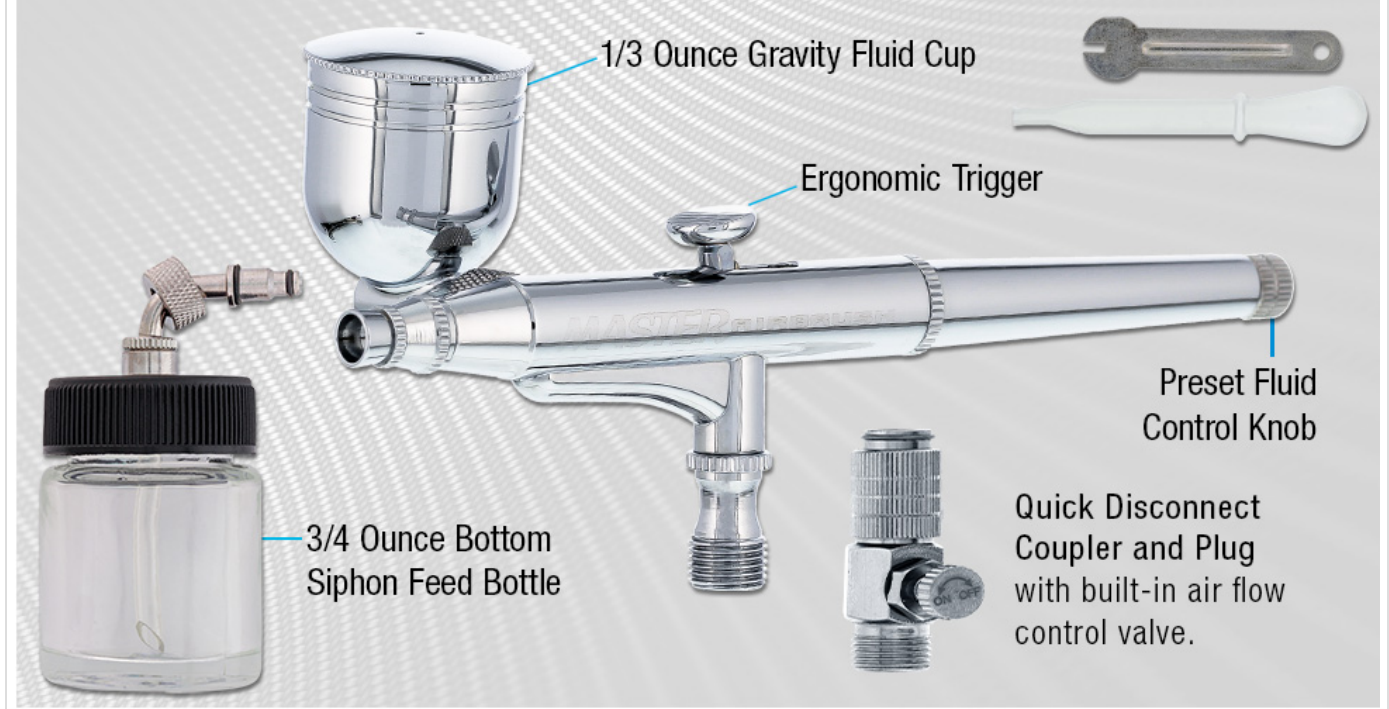


Image: Exploded view of the Master Airbrush SB844, illustrating all individual parts for assembly and maintenance.

SETUP

1. Attaching the Fluid Container:

The SB84 airbrush offers a dual feed system. You can choose between the 1/3 oz gravity cup or the 3/4 oz siphon side-feed bottle.

- **For Gravity Feed:** Screw the 1/3 oz gravity cup onto the side port of the airbrush. Ensure it is securely fastened to prevent leaks.
- **For Siphon Feed:** Attach the 3/4 oz siphon side-feed bottle assembly to the side port. The siphon tube should extend into the bottle.

2. Selecting and Installing Nozzle Set:

The kit includes 0.2mm, 0.3mm, and 0.5mm nozzle sets. Each set consists of a needle, fluid tip, and air cap. Choose the appropriate size for your desired detail level.

1. Unscrew the air cap and nozzle cap from the front of the airbrush.
2. Carefully remove the existing fluid tip and needle.
3. Insert the desired fluid tip into the airbrush body.
4. Screw on the corresponding nozzle cap.
5. From the rear of the airbrush, gently insert the new needle until it seats properly. Be careful not to bend the tip.
6. Screw on the air cap.

3. Connecting to Air Source:

Connect the airbrush to your air compressor using a compatible air hose. Ensure all connections are tight to prevent air

leaks.

OPERATING INSTRUCTIONS

1. Preparing Paint:

Thin your paint to the consistency of milk for optimal flow. Always filter paint to remove any particles that could clog the airbrush.

2. Filling the Fluid Container:

Pour the prepared paint into the chosen fluid cup or siphon bottle.

3. Adjusting Air Pressure:

Set your air compressor to the recommended pressure for your paint type and desired spray. A common starting point is 15-30 PSI.

4. Dual-Action Control:

- **Air Flow:** Press down on the trigger to release air.
- **Fluid Flow:** Pull back on the trigger to release paint. The further back you pull, the more paint is released.

Practice on a scrap surface to get a feel for the airbrush's response.

5. Adjusting Fluid Control Knob:

The fluid control knob at the rear limits how far back the trigger can be pulled, thus controlling the maximum paint flow. Turn clockwise for less paint, counter-clockwise for more.

6. Spray Patterns:

The SB84 can produce hairline details, overall sprays, or background sprays up to 1.5 inches wide, depending on the nozzle size and trigger control.



Image: Illustration of various spray patterns achievable with the Master Airbrush SB844, from fine lines to broader coverage, and the different nozzle sizes.

7. Official Product Video:



Video: An official product video demonstrating the Master Airbrush SB844 Pro Set Dual-Action Side Bowl Feed Airbrush. This video provides a visual guide to the airbrush's features and operation.

MAINTENANCE

Proper cleaning and maintenance are crucial for the longevity and performance of your airbrush.

1. Cleaning After Each Use:

- Empty any remaining paint from the fluid cup/bottle.
- Add appropriate cleaning solution (water for acrylics, solvent for enamels/lacquers) to the cup.
- Spray the cleaning solution through the airbrush until it runs clear.
- Use a soft brush or cotton swab to clean the inside of the fluid cup.

2. Deep Cleaning (Periodically or When Clogged):

- Disassemble the airbrush: remove the air cap, nozzle cap, fluid tip, and needle.
- Soak the disassembled parts in an appropriate cleaning solution.
- Use specialized airbrush cleaning brushes to gently clean the fluid tip, nozzle, and airbrush body channels.
- Clean the needle with a soft cloth. Be extremely careful not to bend the needle tip.
- Rinse all parts thoroughly with clean water and allow them to dry completely before reassembly.

3. Lubrication:

Apply a small amount of airbrush-specific lubricant to the needle packing and trigger mechanism periodically to ensure smooth operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No paint flow	Clogged nozzle/tip, bent needle, paint too thick, air pressure too low	Clean nozzle/tip, check needle for damage, thin paint, increase air pressure
Splattering/Spitting	Clogged air cap, loose fluid tip, paint too thin, air pressure too high	Clean air cap, tighten fluid tip, thicken paint, reduce air pressure
Inconsistent spray pattern	Damaged nozzle/needle, uneven paint consistency, air leak	Inspect/replace nozzle/needle, ensure paint is well-mixed, check for air leaks
Air leaks from fluid cup	Loose cup, damaged O-ring	Tighten cup, inspect/replace O-ring

SPECIFICATIONS

- **Model:** SB84 (also referred to as SB844 in some kits)
- **Type:** Dual-Action, Side Bowl Feed
- **Fluid Cups:** 1/3 oz Gravity Cup, 3/4 oz Siphon Side-Feed Bottle
- **Nozzle Sets Included:** 0.2mm, 0.3mm, 0.5mm (Needle, Fluid Tip, Air Cap)
- **Material:** Plastic (components), Chrome-plated brass (airbrush body)
- **Included Components:** Instruction guide, nozzle wrench, molded plastic storage case
- **GTIN/UPC:** 844825072411

WARRANTY AND SUPPORT

The Master Airbrush SB84 kit comes with a full 1-year warranty from the date of purchase. This warranty covers manufacturing defects and ensures the product is free from defects in material and workmanship under normal use. For technical support, warranty claims, or to purchase replacement parts, please contact Master Airbrush customer service. Refer to the contact information provided with your product packaging or visit the official Master Airbrush website.

Note: Unauthorized disassembly or modification of the airbrush may void your warranty.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question