

CENTRAL PNEUMATIC®

QUICK CHANGE AIR BRUSH KIT
Model 93506
ASSEMBLY and OPERATING INSTRUCTIONS



Due to continuing improvements, actual product may differ slightly from the product described herein.



3491 Mission Oaks Blvd., Camarillo, CA 93011
Visit our Web site at <http://www.harborfreight.com>

**TO PREVENT SERIOUS INJURY,
READ AND UNDERSTAND ALL WARNINGS
AND INSTRUCTIONS BEFORE USE.**

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For technical questions and replacement parts, please call 1-800-444-3353

Specifications

Fluid Capacity	3/4 oz.
Air Inlet	1/4" NPT
Working Pressure	15 to 50 PSI
Fluid Jar Size (Qty. 5)	1-3/8" Dia. x 2" H
Air Brush Dimensions	5-1/2" x 1-3/8" x 3-3/4"

Note: This Air Brush works with a regulated small air compressor with an air regulator (none included). The air pressure must not exceed 50 PSI.

Save This Manual

You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

Safety Warnings and Precautions

WARNING: When using tool, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.

Read all instructions before using this tool!

1. **Keep work area clean.** Cluttered areas invite injuries.
2. **Observe work area conditions.** Don't expose to rain. Keep work area well lit. Do not use a propellant can in the presence of flammable gases or liquids. Always spray in a well ventilated area.
3. **Keep children and bystanders away.** Children must never be allowed in the work area. Do not let them handle machines, tools, extension cords, or air hoses.
4. **Store idle equipment.** When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children.
5. **Use the right tool for the job.** Do not attempt to force a small tool or attachment to do the work of a larger industrial tool. There are certain applications for which this tool was designed. It will do the job better and more safely at the rate for which it was intended. Do not modify this tool and do not use this tool for a purpose for which it was not intended.
6. **Use eye and nose protection.** Wear, and ensure all people in the work area wear, ANSI approved impact safety goggles and an ANSI approved dust mask or respirator.
7. **Maintain tools with care.** Keep Air Brush clean for better and safer performance. Follow instructions for changing accessories.
8. **Do not overreach.** Keep proper footing and balance at all times.

9. **Stay alert.** Watch what you are doing, use common sense. Do not operate any tool when you are tired.
10. **Check for damaged parts.** Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician.
11. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this tool. Approved accessories are available from Harbor Freight Tools.
12. **Do not operate tool if under the influence of alcohol or drugs.** Read warning labels if taking prescription medicine to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not operate the Air Brush.
13. **Maintenance.** For your safety, maintenance should be performed regularly by a qualified technician.
14. **Use compressed air from a small, regulated air compressor.** Use clean, dry regulated air at 15 to 50 PSI. Never use oxygen, carbon dioxide, combustible gases, or any other bottled gas as a power source for this tool.

Warning: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

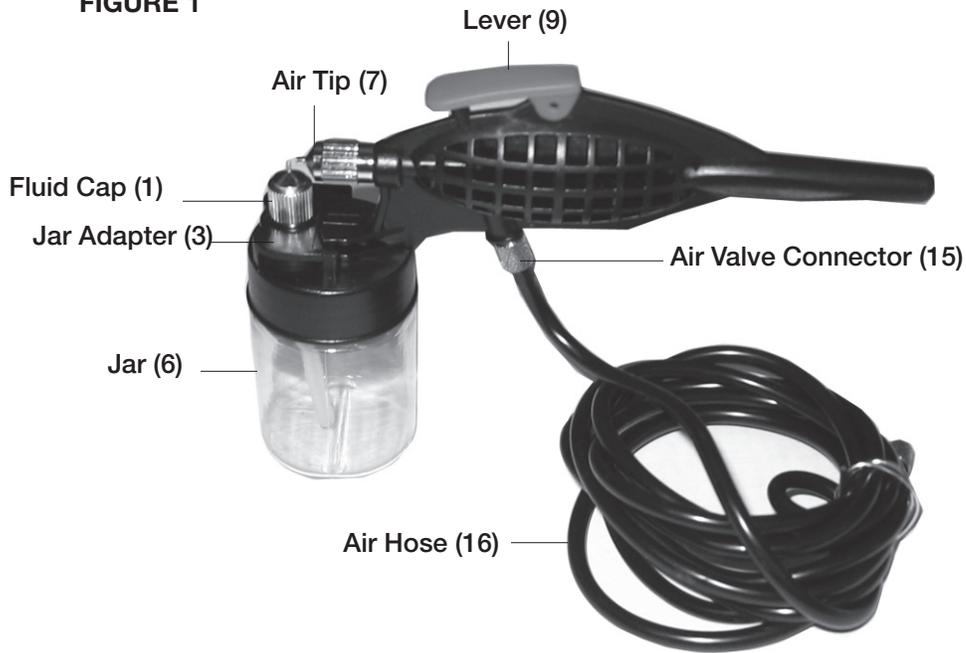
WARNING: The brass components of this product contain lead, a chemical known to the State of California to cause birth defects (or other reproductive harm). (California Health & Safety code 25249.5, et seq.)

Unpacking

When unpacking, check to make sure the parts listed on page 6 are included. If any parts are missing or broken, please call Harbor Freight Tools at the number on the cover of this manual as soon as possible.

Operation

FIGURE 1



Mixing and Thinning Paints

Before attempting to spray any paints through the Spray Gun, dilute them according to the manufacturer's directions, for use with Spray Guns.

General Rules:

1. If mixing colors, only mix together the same types of paints (i.e. lacquer with lacquer or acrylic with acrylic).
2. Thin paint according to paint manufacturer's directions. Typically, enamel and lacquer paints are diluted with one part thinner to one part paint.
3. Before spraying make sure the diluted paint is thoroughly mixed.
4. Mix the paint in a clean jar. We recommend straining the paint before filling the Jar (6).

Attaching the Air Hose (16) and the Jar (6) to the air supply

1. Fill the Jar (6) with strained paint. Do not fill over 2/3 full.
2. Carefully thread on the Jar Lid (3).
3. Attach one end of the Air Hose (16) to the Air Inlet (15) on the Air Brush. Attach the other end of the Air Hose (16) to the regulator (not included) which then attaches to the air supply using the 1/4" NPT Adapter (17). The air source must be adjustable between 15 and 50 PSI. Thoroughly read the instructions and safety warnings provided with the air compressor and air regulator before using.

Adjusting Paint Flow and Air Flow

1. Use the air regulator (not included) to regulate air flow. You must purchase a regulator that can be adjusted to between 15 and 50 PSI. Since there is no pressure gauge you will have to test the Air Brush on a piece of scrap material to determine the desired setting.
2. On the Air Brush, turn the Fluid Cap (1) to adjust paint flow. For maximum flow, turn the cap counterclockwise. For minimum flow, turn the cap clockwise. See **FIGURE 1** on page 4 and the assembly drawing on page 6.

Spray Painting

1. In a well ventilated area, press the Lever (9) to test the spray on test material. Hold the Air Brush six inches from the material and make the necessary adjustments.
2. Practice spraying even strokes to avoid drips.

Note: Since enamels and lacquer paints dry quickly, do not leave the Air Brush for more than a few seconds or the paint may dry and clog the Air Brush.

3. Have a spare Jar (6) filled with thinner or water, depending on the type of paint being sprayed.
4. When finished spraying, release pressure on the Lever (9). Immediately remove the paint jar from the Air Brush and attach the spare Jar (6). Continuously spray on scrap white paper until the paint residue in the Air Brush is sprayed out.

Cleaning

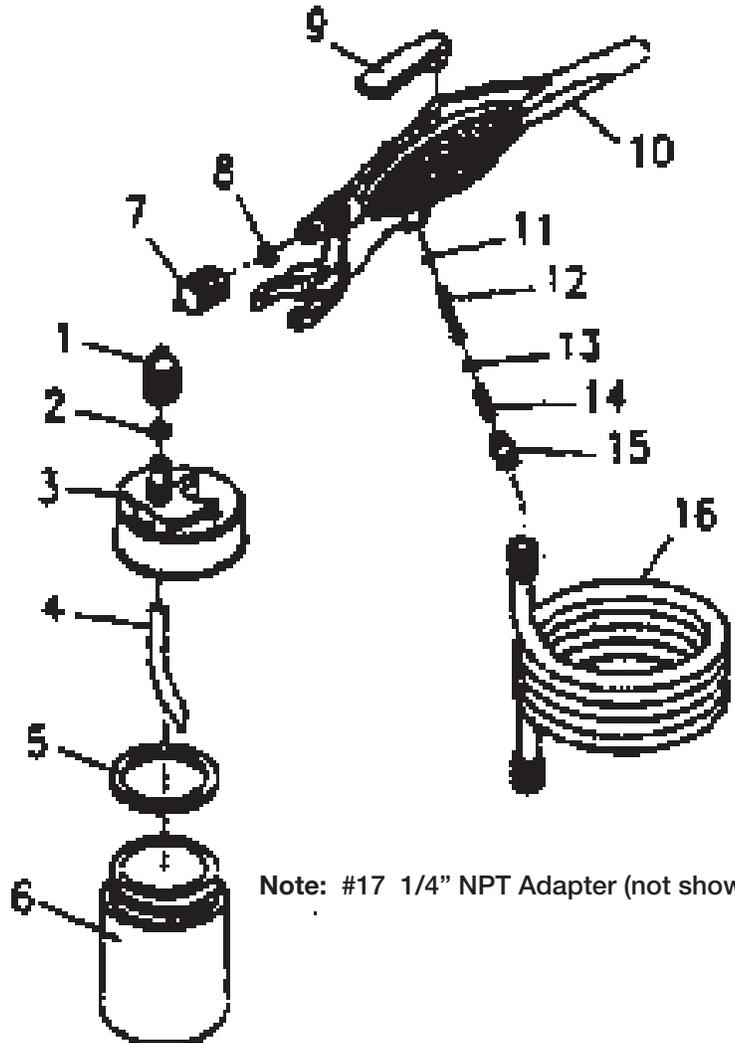
1. Remove excess paint from the Jar (6) and clean thoroughly.
2. Spray thinner or water (depending on the paint used) through the Air Brush until it is entirely clean. Plug up the Fluid Cap (1) with a soft cloth and force air and solution through the cap and tip.

Troubleshooting

If the Air Brush becomes clogged, disconnect from the air source and clean as stated above. Next, gently un-thread (counterclockwise) the Fluid Cap (1) and Air Tip (7). Clean the parts in thinner and replace.

Parts List and Assembly Drawing

Part	Description
1	Fluid Cap
2	O-ring
3	Jar Lid
4	Tube
5	Cover Gasket
6	Jar (3/4 oz.) Qty. 5
7	Air Tip
8	O-ring
9	Lever
10	Body
11	O-ring
12	Air Valve Pin
13	O-ring
14	Air Valve Spring
15	Air Inlet
16	Air Hose
17	1/4" NPT Adapter



Note: #17 1/4" NPT Adapter (not shown)

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

NOTE: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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