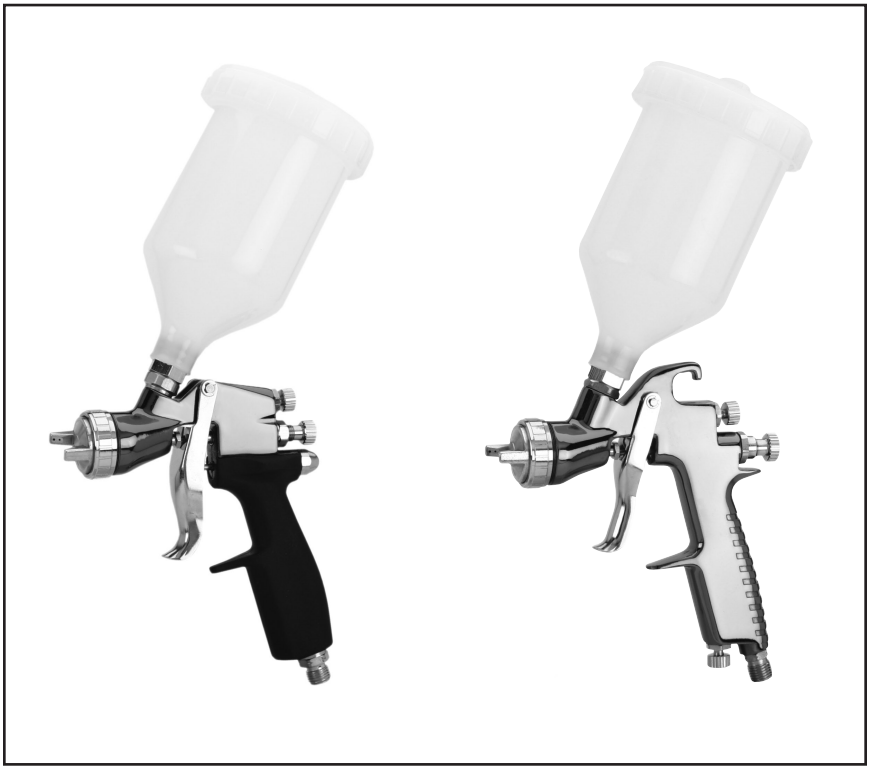
PROFESSIONAL LVLP SPRAY GUN

MODEL H7666/H7667

INSTRUCTION MANUAL



#PC7425 PRINTED IN CHINA

⚠ WARNING!

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemical are:

- **Lead from lead-based paints.**
- **Crystalline silica from bricks, cement and other masonry products.**
- **Arsenic and chromium from chemically-treated lumber.**

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

Table of Contents

SECTION 1: SAFETY

⚠WARNING

For Your Own Safety Read Instruction Manual Before Operating This Equipment

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words which are intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures.

⚠DANGER — **Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.**

⚠WARNING — **Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.**

⚠CAUTION — **Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.**

NOTICE — **This symbol is used to alert the user to useful information about proper operation of the equipment.**

⚠WARNING

Safety Instructions For Pneumatic Tools

1. **KEEP ALL SAFETY DEVICES IN PLACE** and in working order.
2. **REMOVE ADJUSTING KEYS AND WRENCHES**. Form habit of checking to see that keys and adjusting wrenches are removed from tool before operation.
3. **KEEP WORK AREA CLEAN**. Cluttered areas and benches invite accidents.
4. **DO NOT USE IN DANGEROUS ENVIRONMENT**. Do not use pneumatic tools in damp or wet locations, or where any flammable or noxious fumes may exist. Keep work area well lighted.
5. **KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept at a safe distance from work area.
6. **MAKE WORKSHOP CHILD PROOF** by locking your shop and shutting off air valves.
7. **DO NOT FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
8. **USE THE RIGHT TOOL.** Do not force tool or attachment to do a job for which it was not designed.
9. **DO NOT USE UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.**

⚠WARNING

Safety Instructions For Pneumatic Tools

10. **USE PROPER AIR HOSE** for the tool. Make sure your air hose is in good condition and is long enough to reach your work without stretching.
11. **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear a protective hair covering to contain long hair.
12. **ALWAYS USE SAFETY GLASSES.** Also use a face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
13. **WEAR APPROVED HEARING PROTECTION.** Air escaping from pneumatic tools can exceed safe exposure limits and may cause hearing damage with prolonged exposure.
14. **SECURE WORK.** Use clamps or a vise to hold work when practical. It is safer than using your hand and frees both hands to operate tool.
15. **MAINTAIN TOOLS WITH CARE.** Keep tools lubricated and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
16. **REDUCE THE RISK OF UNINTENTIONAL STARTING.** Do not carry tool with hand on trigger and always disconnect from air when not in use.
17. **DISCONNECT TOOLS** before servicing and changing accessories.
18. **DO NOT OVERREACH.** Keep proper footing/balance at all times.
19. **USE THE RECOMMENDED ACCESSORIES.** Consult owner's manual for recommended accessories. The use of improper accessories may cause risk of injury.
20. **CHECK FOR DAMAGED PARTS BEFORE USING.** Check for binding and alignment of parts, broken parts, part mounting, loose bolts, and any other conditions that may affect machine operation. Repair or replace damaged parts.
21. **NEVER LEAVE UNATTENDED TOOL CONNECTED TO AIR.** Disconnect the air hose and do not leave tool until it is relieved of any built up pressure.
22. **NEVER ALLOW UNTRAINED USERS TO USE THIS TOOL WHILE UNSUPERVISED.**
23. **IF YOU ARE UNSURE OF THE INTENDED OPERATION, STOP USING TOOL.** Seek formal training or research books or magazines that specialize in pneumatic tools.
24. **BE AWARE OF HOSE LOCATION WHEN USING PNEUMATIC TOOLS.** Hoses can easily become a tripping hazard when laid across the floor or spread out in a disorganized fashion.

⚠WARNING

Additional Safety Instructions for LVLP Spray Guns

1. **READ THIS MANUAL.** This manual contains proper operating instructions for this spray gun.

2. **READ MATERIAL LABELS and MATERIAL SAFETY DATA SHEETS (MSDS).** Read and know all the instructions on the packaging label and the MSDS before opening the package. This information could save your life.

3. **RESPIRATORY PROTECTION.** Always wear a NIOSH approved respirator when spraying or working around finishing materials.

4. **FIRE EXTINGUISHERS.** Always have a fully charged multi class or class B fire extinguisher in the immediate area.

5. **FLAMMABLE MATERIAL.** NEVER spray near open flame or where any spark could occur.

6. **FRESH AIR.** Always provide adequate exhaust to keep area free of built up vapors, NEVER spray in an enclosed space.

7. **DISCONNECT COMPRESSED AIR.** Always disconnect the spray gun from compressed air before cleaning, changing attachments or when performing maintenance of any kind on this tool.

8. **PROTECTIVE CLOTHING.** Protect exposed skin from overspray by wearing a protective suit or other approved garment.

9. **INAPPROPRIATE USE.** DO NOT point or shoot spray gun directly at yourself or another person or animals. Do not attempt to use the spray gun for any other use than it was intended.

10. **STORAGE.** Thoroughly clean and dry spray gun before storage. Store in an approved cabinet.

11. **SOLVENTS.** Always store solvents and shop towels soaked in solvent in approved containers.

12. **EYE PROTECTION.** Wear eye protection whenever spraying or cleaning. Solvents and chemicals can cause serious eye injury, which could lead to blindness.

13. **OPERATING PRESSURE.** DO NOT exceed the recommended inlet air pressure. Excessive pressure could cause the spray gun to burst or cause other internal equipment damage.

14. **LOCAL LAWS.** Consult local authorities regarding exhaust and waste disposal requirements.

SECTION 2: INTRODUCTION

Foreword

We are proud to offer the Grizzly Model H7666/H7667 LVLP Spray Gun. This spray gun is part of a growing Grizzly family of fine tools. When used according to the guidelines set forth in this manual, you can expect years of trouble-free, enjoyable operation, and proof of Grizzly's commitment to customer satisfaction.

The Model H7666/H7667 features LVLP technology, which has greater transfer efficiency than suction feed spray guns and reduced overspray, saving on material costs. LVLP spray guns also require a smaller compressor because their demand for air is less than HVLP systems.

It is our pleasure to provide this manual with the Model H7666/H7667. It was written to encourage safety considerations and guide you through general operating procedures and maintenance.

The specifications, details, and photographs in this manual represent the Model H7666/H7667 as supplied when the manual was prepared. However, owing to Grizzly's policy of continuous improvement, changes may be made at any time with no obligation on the part of Grizzly.

Contact Information

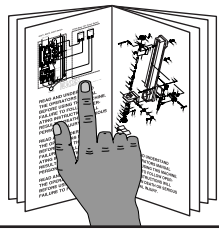
If you have any comments regarding this manual, please write to us at the following address:

Grizzly Industrial, Inc.
C/O Technical Documentation
P.O. Box 2069
Bellingham, WA 98227-2069

Most importantly, we stand behind our tools. If you have any service questions or parts requests, please call or write us at the location listed below.

Grizzly Industrial, Inc.
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Fax: (800) 438-5901
E-Mail: techsupport@grizzly.com
Web Site: http://www.grizzly.com

⚠WARNING



Read the manual before operation. Become familiar with this machine, its safety instructions, and its operation before beginning any work. Serious personal injury may result if safety or operational information is not understood or followed.

PROFESSIONAL LVLP SPRAY GUNS
MODEL H7666/H7667

MODEL	H7666	H7667
TYPE OF FEED	GRAVITY	GRAVITY
FLUID TIP	1.3mm	1.5mm
AIR CONSUMPTION	3-3.9 CFM	3-3.9 CFM
INLET AIR PRESSURE	2.0-3.5 BAR 28.8-51 PSI	2.0-3.5 BAR 28.8-51 PSI
FLUID PRESSURE	LESS THAN 10 PSI	LESS THAN 10 PSI
MATERIAL CAPACITY	600ml	600ml
MAX. PATTERN WIDTH	230mm	230mm
WEIGHT	0.585 kgs. 1.28 lbs.	0.618 kgs. 1.35 lbs.
BODY MATERIAL	POLISHED METAL/ PLASTIC	POLISHED METAL
MATERIAL USAGE	MEDIUM TO HIGH SOLIDS	MEDIUM TO HIGH SOLIDS
WATERBORNE MATERIAL COMPATiBLE	YES	YES

SECTION 3: SET UP

Unpacking

Your spray gun left our warehouse in a carefully packed box. If you discover the spray gun is damaged after you have signed for delivery, *please immediately call Customer Service at (570) 546-9663 for advice.*

Save the containers and all packing materials for possible inspection by the carrier or its agent. *Otherwise, filing a freight claim can be difficult.*

When you are completely satisfied with the condition of the shipment, you should inventory the equipment.

Inventory

After you have unpacked the carton, you should find the following:

Model H7666/H7667 Inventory (Figures 1 & 2):

A. Spray Gun 1
B. Cup 600ml..... 1
C. Cleaning Brush 1
D. Service Wrench..... 1
E. Filters 2
F. Large Cleaning Brush 1

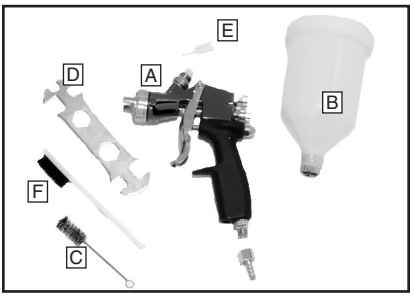


Figure 1. Model H7666 inventory.

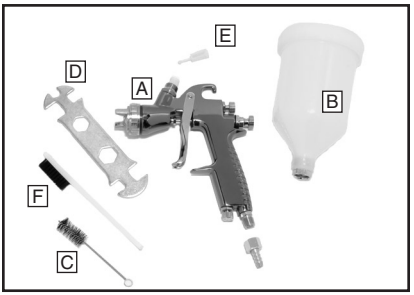


Figure 2. Model H7667 inventory.

Assembly

1. Insert the filter into the gun body (see **Figure 3**).

Figure 3. Installing filter.

2. Screw the cup onto the top of the body.

3. Attach the air hose to the spray gun with a ¼" NPS quick connect set-up (not included).

4. Attach the spray gun to an air hose regulated between 29 and 50 PSI.

   Note: *For the best results, use a hose that will be dedicated for spray use only. Do not use a hose that has been used with an in-line oiler or other possible contaminant.*

If you need additional help with this assembly, call our Technical Support at: (570) 546-9663.

Controls

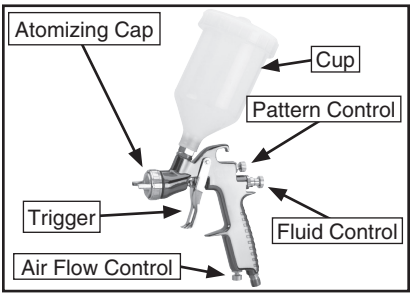


Figure 4. Controls.

1. **Fluid Control:** Controls the volume of material that travels through the fluid tip.

2. **Pattern Control:** Adjusts the spray pattern from a round pattern to a wide fan.

3. **Air Flow Control:** Controls the fluid pressure inside the spray gun (H7667 only).

4. **Atomizing Cap:** Controls the spray pattern from vertical to horizontal.

5. **Trigger:** Two stage trigger. Stage one only releases compressed air for blowing off the work piece. Stage two sprays material.

6. **Cup:** 600ml plastic cup allows easy viewing of material level. Includes a vented cap.

SECTION 4: OPERATIONS

⚠DANGER

EXPLOSION HAZARD! DO NOT smoke or have any source of flame or spark near spraying. Vapors will explode if ignited.

⚠WARNING

RESPIRATORY HAZARD! Always use an NIOSH approved respirator when using spray equipment. Failure to protect your lungs can lead to respiratory illness and nervous system damage.

⚠WARNING

TOXIC FUMES! Always use an approved spray booth or well ventilated area when spraying. NEVER spray in an confined space where toxic fumes and flammable vapors can accumulate to deadly levels.

Spraying

The Model H7666/H7667 LVLP spray gun is designed to spray medium to high solid materials like lacquers, stains, primers, multi-component paints, clear coats, acrylics, epoxies etc. It is ideal for auto body and woodworking projects and can be used with waterborne materials.

To use your spray gun:

1. Read and follow the material manufacturer's instructions for spraying, mixing, safety, disposal, and any other instruction on the label or Material Safety Data Sheet (MSDS).

2. Ensure the cup is securely tightened and all other fittings are secure to avoid air leaks or material spills.

3. Set the inlet air pressure (the air coming to the spray gun) to the lowest pressure recommended in **Tool Data** on **Page 8** or to the material manufacturer's recommendations.

4. Adjust the atomizing cap to vertical or horizontal. See **Atomizing Cap and Fan Adjustments** on **Page 13** for further explanation.

5. Fill the cup with material.

6. Trial and error are necessary to achieve the results you want along with a fair amount of practice. Test your material flow and spray pattern on a piece of cardboard or some scrap of material similar to your project.

7. Adjust the fluid control knob to start with a low volume of material and keep the atomization as low as possible. You will need to use a combination of fluid control, inlet air pressure, air flow control (on the Model H7667), and stroke speed to achieve the results you want. Spray so the material wets out nicely without running or sagging.

8. Use the pattern control knob to adjust the spray fan to your desired pattern.

9. Keep the gun tip perpendicular, parallel and 6-8" from the work at all times when spraying as shown in **Figure 5**. Do not allow your wrist to bend. This will cause the gun to arc across the surface and distribute the material unevenly, possibly creating sags and dry spots.

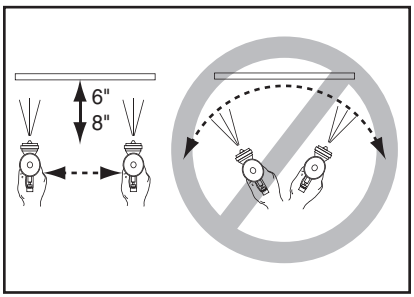


Figure 5. Spray technique.

NOTICE

Tipping spray gun may cause material to spill out of the cup. Always hold the spray gun perpendicular to the ground to avoid potential spills and gravity feed problems.

10. Begin spraying 2-3 inches before the work and continue to the end of the work. Continue the motion for a few inches past the work until you are ready for the return stroke.

11. Maintain an even speed when spraying.

12. Overlap each stroke by 50%. This will ensure even coverage as shown in **Figure 6**. Overlapping less than 50%, as shown in the figure to the right, may lead to missed spots or streaky results.

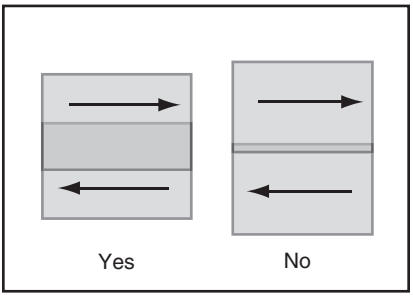


Figure 6. Overlap technique.

13. The spray stroke should have even consistency and parallel edges. If it doesn't, please refer to **Troubleshooting** on **Page 15.**

⚠WARNING

HEALTH & CONTAMINATION HAZARD! Dispose of paint waste in a responsible manner! Follow manufacturer's recommendations and local laws regarding disposal. Failure to comply will result in contamination and possibly large fines and penalties.

Atomizing Cap and Fan Adjustments

The atomizing cap needs to be adjusted for horizontal or vertical spraying patterns. Spraying in the wrong direction may lead to material build up on the atomizing cap horn. Many performance problems are caused by clogged atomizing holes on the atomizing cap horns (see **Cleaning** on **Page 15**).

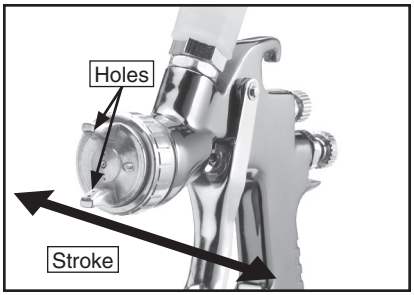


Figure 7. Set up for horizontal stroke direction with vertical fan pattern.

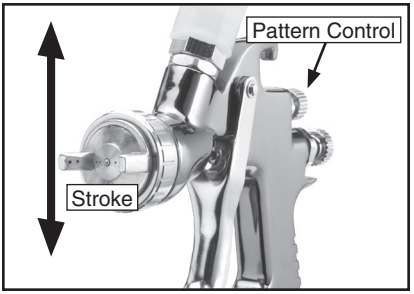


Figure 8. Set up for vertical spray stroke with horizontal fan pattern.

Rotating the pattern adjustment control in **Figure 8** will give you a range between the two patterns in **Figure 9**.

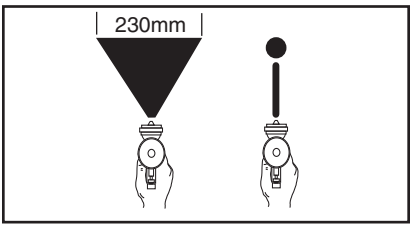


Figure 9. Fan adjustment.

SECTION 5: ACCESSORIES

G6261—Campbell Hausfeld™ Water Filter
Remove damaging water vapor before it reaches your pneumatic tools. This highly effective, five micron filter features a see-through bowl and easy in-line connections. 150 PSI maximum air pressure. ¼" NPT.

Figure 10. G6261 Campbell Hausfeld™ water filter.

G8114—⅜" x 25 Ft. Air Hose
G8115—⅜" x 50 Ft. Air Hose
G8116—⅜" x 100 Ft. Air Hose
Multi-purpose red rubber air hose is flexible and abrasion resistant. Rated for 200 PSI, this air hose has a bursting strength of 800 PSI and ¼" NPT ends.

Figure 11. Red rubber air hose.

H7274—Campbell Hausfeld™ Pressure Regulator
Mini Series. Provides regulated output pressure of 0 to 125 PSI for proper tool operation. Locking pressure knob prevents accidental adjustments. 15 SCFM flow capacity @ 90 PSI. ¼" NPT.

Figure 12. H7274 Campbell Hausfeld™ pressure regulator.

H3174—Air Blow Gun with 2 Tips
This air blow gun includes a safety tip and rubber tip for all normal air cleaning jobs. ¼" NPT.

Figure 13. H3174 Air Blow Gun with 2 Tips.

SECTION 6: MAINTENANCE

Cleaning

Proper cleaning is the best way to ensure trouble free performance from your spray gun. If your gun is not thoroughly cleaned, damage and poor spraying will result. Problems caused by improper cleaning will not be covered by the warranty. Clean the spray gun immediately after each use.

To clean your spray gun:

1. Spray a small amount of solvent through the spray gun.

   Note: *Check with local laws regarding this practice. If you are spraying on a regular basis, spraying solvents into the air may be illegal. A cabinet style spray gun cleaner may be required.*

2. **Disconnect the gun from the compressed air!**

3. Unscrew the cup.

4. Disassemble the gun by unscrewing the fluid control knob, removing the spring and needle.

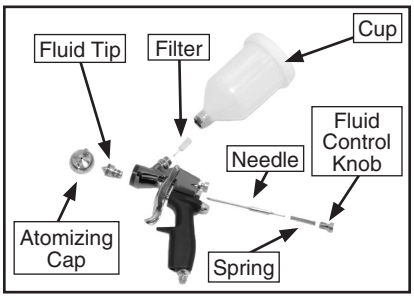


Figure 14. Disassembly for cleaning.

5. Unscrew the atomizing cap with your fingers and the fluid tip with the service wrench. The fully disassembled gun should look like **Figure 14**.

6. Rinse these parts thoroughly in solvent then dry with compressed air or let air dry.

   Note: *If the small holes in the atomizing cap become blocked, soak in clean solvent. If the blockage still exists, clear the blockage with a small needle, taking great care to not enlarge or damage the hole. Damage to the hole will create a disrupted spray pattern.*

7. Use the cleaning brush with solvent to clean the inner orifice and other hard to reach areas on the outside of the spray gun body.

8. Wipe the rest of the gun body with a shop towel and dry.

⚠WARNING

EXPLOSION HAZARD! Chlorinated Solvents like 1,1,1-Tricloroethane and Methylene Chloride (methyl chloride) can chemically react with aluminum and may explode. Many parts in spray guns are made of aluminum. Read solvent label carefully before using solvent.

NOTICE

DO NOT soak the spray gun body in solvent. Prolonged exposure to solvent will rapidly deteriorate the spray gun washers and seals. Ignoring this notice will void your warranty.

Lubrication

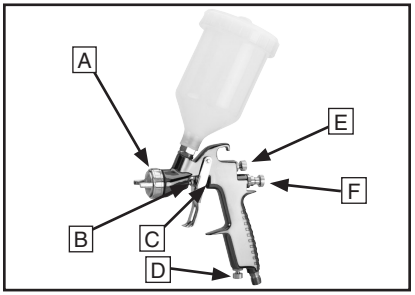


Figure 15. Lubrication points.

Lubricate the following areas with a non-silicon spray gun lubricant after cleaning.

A. Atomizing Cap Threads
B. Air Valve Packing
C. Trigger Pin
D. Air Flow Control Valve
E. Pattern Control
F. Fluid Control Knob

Allow the lubricant to coat threads, and run into gun body to lubricate all moving parts and seals.

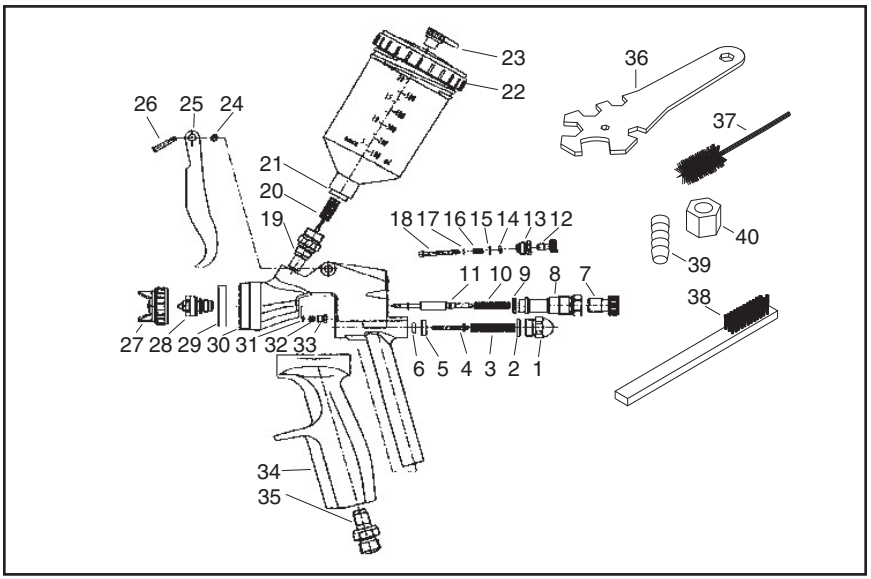
Troubleshooting

Symptom	Possible Cause	Solution
Fluttering or Spitting spray. 	1. Dry or worn fluid tip seat permits air to seep into fluid passage. 2. Material level too low. 3. Fluid tip or filter obstructed. 4. Dry needle packing.	1. Tighten fluid tip or replace seat with new one. 2. Add material. 3. Clean 4. Lubricate needle.
Uneven top or bottom pattern. 	1. Atomizing cap holes are obstructed. 2. Build-up on top or bottom of fluid tip. 3. Build-up on atomizing cap is on needle seat.	1. Clear holes. 2. Clean. 3. Clean.
Right or left arc pattern. 	1. Left or right side horn holes are plugged. 2. Build-up on left or right side of fluid tip. 3. Build-up of material inside atomizing cap.	1. Clear holes. 2. Clean. 3. Clean.
Heavy deposit of material in center. 	1. The material flow exceeds the atomizing cap capacity. 2. Inlet air pressure is too low. 3. Material is too thick.	1. Lower fluid flow. 2. Increase inlet air pressure. 3. Thin material.
Narrow center pattern. 	1. Volume control turned in too far. 2. Inlet air pressure too high. 3. Fluid pressure is too low. 4. Material is too thin.	1. Increase volume. 2. Reduce inlet air pressure. 3. Increase fluid pressure. 4. Adjust material.
No spray output.	1. No pressure at gun. 2. Fluid passages dirty. 3. Fluid control closed. 4. Out of paint. 5. Material too thick.	1. Check air supply. 2. Clean gun, remove any obstructions. 3. Open. 4. Refill. 5. Thin to manufacturer's recommendations.

Symptom	Possible Cause	Solution
Excessive over-spray.	1. Fluid pressure too high. 2. Gun is too far from surface. 3. Spraying too fast.	1. Reduce fluid pressure. 2. Keep gun at recommended distance. 3. Slow down and maintain consistent, even parallel stroke.
Unable to control spray fan.	1. Pattern adjustment screw is not seating properly. 2. Atomizing cap is loose.	1. Clean or replace. 2. Tighten atomizing cap.
Runs and sags.	1. Damaged seal.	1. Replace damaged seals.
Material leaks from cup.	1. Cap not secure. 2. Cup not tight on gun body. 3. Leaking from cap vent hole.	1. Tighten. 2. Tighten. 3. Hold gun upright do not tilt.
Material leaks from gun.	1. Fluid tip loose. 2. Dry or damaged seals. 3. Excessive pressure.	1. Tighten. 2. Replace seals. 3. Reduce pressure.
Thick dimpled finish aka "Orange Peel."	1. Holding gun too close to surface. 2. Inlet air pressure too low. 3. Material not properly mixed. 4. Surface is dirty or oily.	1. Spray at recommended distance. 2. Check inlet air pressure. 3. Follow manufacturer's instructions. 4. More surface prep is required.
Dry Spray.	1. Inlet air pressure too high. 2. Gun too far from surface. 3. Gun stroke too fast.	1. Lower inlet air pressure. 2. Keep gun at recommended distance. 3. Slow down and maintain consistent even parallel stroke.
Gun leaks from fluid tip.	1. Debris will not let the needle seat with the fluid tip.	1. Clean or replace both.
Contaminated paint, aka "Fish Eyes.	1. Water or oil in the air line.	1. Install an in-line air filter. 2. Replace air line.

Notes

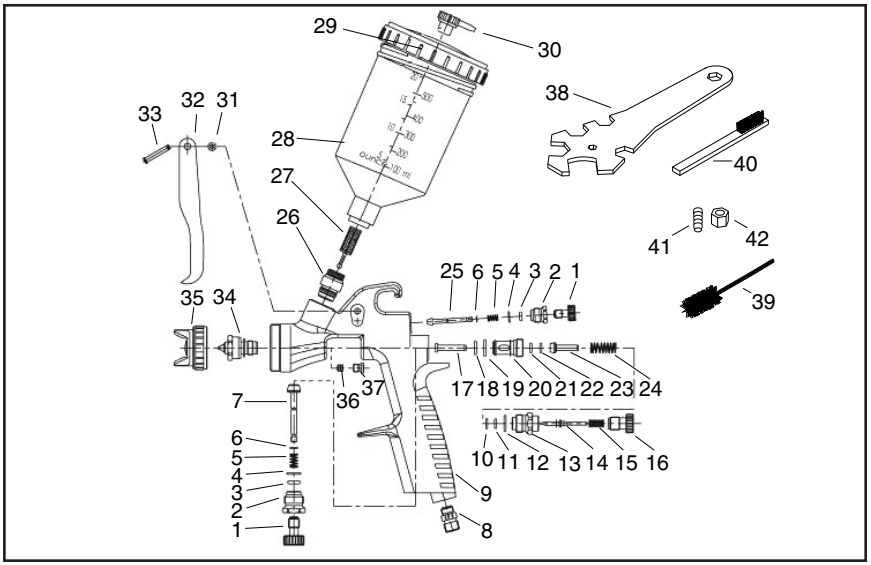
Parts Breakdown H7666



REF	PART #	DESCRIPTION
1	PH7666001	VALVE COVER
2	PH7666002	O-RING
3	PH7666003	SWITCH SPRING
4	PH7666004	SWITCH POLE
5	PH7666005	SEAL WASHER
6	PH7666006	O-RING
7	PH7666007	FLUID KNOB
8	PH7666008	NEEDLE SLEEVE
9	PH7666009	SLEEVE WASHER
10	PH7666010	NEEDLE SPRING
11	PH7666011	NEEDLE SET
12	PH7666012	AIR ADJ. SCREW
13	PH7666013	AIR ADJ. KNOB
14	PH7666014	O-RING
15	PH7666015	SPECIAL WASHER
16	PH7666016	AIR VALVE NEEDLE
17	PH7666017	O-RING
18	PH7666018	PATTERN KNOB
19	PH7666019	FLUID INLET
20	PH7666020	FILTER

REF	PART #	DESCRIPTION
21	PH7666021	CUP
22	PH7666022	CUP LID
23	PH7666023	VENT CAP
24	PH7666024	O-RING
25	PH7666025	TRIGGER
26	PH7666026	TRIGGER LEVER
27	PH7666027	ATOMIZING CAP
28	PH7666028	FLUID NOZZLE 1.3MM
29	PH7666029	SLEEVE WASHER
30	PH7666030	GUN BODY
31	PH7666031	FOAM SEAL WASHER
32	PH7666032	SEAL WASHER
33	PH7666033	DIRECTION SCREW
34	PH7666034	GUN HANDLE
35	PH7666035	AIR INLET FITTING
36	PH7666036	SERVICE WRENCH
37	PH7666037	CLEANING BRUSH
38	PH7666038	LARGE BRUSH
39	PH7666040	HOSE FITTING
40	PH7666041	LOCK NUT

Parts Breakdown H7667



REF	PART #	DESCRIPTION
1	PH7667001	ADJ. SCREW
2	PH7667002	ADJ. KNOB
3	PH7667003	O-RING
4	PH7667004	SPECIAL WASHER
5	PH7667005	AIR VALVE SPRING
6	PH7667006	SPECIAL WASHER
7	PH7667007	INLET VALVE
8	PH7667008	AIR INLET
9	PH7667009	GUN BODY
10	PH7667010	SPECIAL WASHER
11	PH7667011	O-RING
12	PH7667012	O-RING
13	PH7667013	NEEDLE KNOB
14	PH7667014	NEEDLE SCREW
15	PH7667015	NEEDLE SPRING
16	PH7667016	NEEDLE ADJ. SCREW
17	PH7667017	SWITCH POLE
18	PH7667018	O-RING
19	PH7667019	O-RING
20	PH7667020	NEEDLE SLEEVE
21	PH7667021	O-RING

REF	PART #	DESCRIPTION
22	PH7667022	O-RING
23	PH7667023	SPRING
24	PH7667024	SWITCH SPRING
25	PH7667025	INLET VALVE
26	PH7667026	FLUID INLET JOINT
27	PH7667027	FILTER
28	PH7667028	CUP
29	PH7667029	CUP LID
30	PH7667030	VENTILATOR HEAD
31	PH7667031	SPECIAL WASHER
32	PH7667032	TRIGGER
33	PH7667033	TRIGGER LEVER
34	PH7667034	FLUID NOZZLE
35	PH7667035	AIR CAP
36	PH7667036	SEAL WASHER
37	PH7667037	DIRECTION SCREW
38	PH7666038	SERVICE WRENCH
39	PH7666039	CLEANING BRUSH
40	PH7666040	LARGE BRUSH
41	PH7667042	HOSE FITTING
42	PH7667043	LOCK NUT

WARRANTY AND RETURNS

Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

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 products.

To take advantage of this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Authorization Number," which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

Please feel free to write or call us if you have any questions about the machine or the manual.

Grizzly Industrial, Inc.
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Fax: (800) 438-5901

E-Mail:
techsupport@grizzly.com

Web Site: http://www.grizzly.com

Thank you again for your business and continued support. We hope to serve you again soon!

WARRANTY CARD

Name_____

Street_____

City _____ State_____ Zip _____

Phone #_____ Email _____ Invoice #_____

Model # _____ Order #_____ Serial #_____

The following information is given on a voluntary basis. It will be used for marketing purposes to help us develop better products and services. ***All information is strictly confidential.***

1. How did you learn about us?

____Advertisement ____Friend ____Catalog
____Card Deck ____Website Other:_____

2. Which of the following magazines do you subscribe to?

____ Cabinet Maker	____ Popular Mechanics	____ Today's Homeowner
____ Family Handyman	____ Popular Science	____ Wood
____ Hand Loader	____ Popular Woodworking	____ Wooden Boat
____ Handy	____ Practical Homeowner	____ Woodshop News
____ Home Shop Machinist	____ Precision Shooter	____ Woodsmith
____ Journal of Light Cont.	____ Projects in Metal	____ Woodwork
____ Live Steam	____ RC Modeler	____ Woodworker West
____ Model Airplane News	____ Rifle	____ Woodworker's Journal
____ Modeltec	____ Shop Notes	____ Other:
____ Old House Journal	____ Shotgun News	

3. What is your annual household income?

____$20,000-$29,000 ____$30,000-$39,000 ____$40,000-$49,000
____$50,000-$59,000 ____$60,000-$69,000 ____$70,000+

4. What is your age group?

____20-29 ____30-39 ____40-49
____50-59 ____60-69 ____70+

5. How long have you been a woodworker/metalworker?

____0-2 Years ____2-8 Years ____8-20 Years ____20+ Years

6. How many of your machines or tools are Grizzly?

____0-2 ____3-5 ____6-9 ____10+

7. Do you think your machine represents a good value? ____Yes ____No

8. Would you recommend Grizzly Industrial to a friend? ____Yes ____No

9. Would you allow us to use your name as a reference for our customers in your area?
Note: *We never use names more than 3 times.* ____Yes ____No

10. Comments:_____

_____

_____

_____

Send a Grizzly Catalog to a friend:

Name_____

Street_____

City_____**State**_____**Zip**_____

FOLD ALONG DOTTED LINE

_____

_____

_____

Place Stamp Here

GRIZZLY INDUSTRIAL, INC.
P.O. BOX 2069
BELLINGHAM, WA 98227-2069

TAPE ALONG EDGES--PLEASE DO NOT STAPLE