MAG HVLP AUTOMATIC AIRSPRAY GUN

CE Ex II 2 G X

The following instructions provide the necessary information for the proper operation and preventive maintenance of the Binks MAG HVLP Manifold Mounted Airspray Gun. Please read and understand all information in this document in order to get the maximum performance from your new MAG HVLP airspray gun.

The automatic MAG HVLP gun is a conventional style airspray gun with special nozzle and modifications that allow it to operate at high transfer efficiencies in compliance with the “California South Coast Air Quality Management District” regulations as a “high volume, low pressure” airspray gun.

High pressure, low volume airflow is converted to high volume, low pressure within the gun body. Special air and fluid nozzle enable the gun to atomize fluid at low air pressure and velocities, creating the “soft spray” effect for high transfer efficiencies.

⚠ CAUTION

Before removing any components from spray gun, shut off air and material pressure.

NOTE

IMPORTANT REGULATORY NOTE regarding the use of this product appears on page 6.

If you have any questions or do not understand the information presented, call your nearest service representative.

SPECIFICATIONS:

Max. Air Pressure:	100 psi/6.8 bar
For HVLP compliance:	See page 5
Max. Fluid Pressure:	120 psi/8.3 bar
Min./Max. Cylinder Actuating Pressure:	50 psi/3.4 bar (min.), 100 psi/6.8 bar (max.)
Gun Body:	Stainless Steel, Aluminum
Fluid Path:	Stainless Steel
Fluid Inlet and Outlet Size:	1/4" NPT(F) thread
Air Inlet Size:	Atomizing Air: 1/4" NPT(F) manifold body, 1/4" NPT x 1/4" NPS(M) fitting (loose) Fan Air: 1/4" NPT(F) manifold body, 1/4" soc head plug (M) fitting (loose) Cylinder Air: 1/8" NPT(F) manifold body, 1/8" NPT x 1/4" O.D. tube fitting (loose)
Gun Weight with Manifold:	2.8 lbs. (1.27 kg)
Gun Mounting Hole:	1/2" Dia.
The MAG HVLP is approved to ATEX level II 2 G X and is suitable for use in Zones 1 and 2.	

CA PROP 65

PROP 65 WARNING

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

⚠ WARNING

FLAMMABLE, EXPLOSIVE AND TOXIC VAPORS

HIGH PRESSURE CAN CAUSE SERIOUS INJURY IF EQUIPMENT IS INSTALLED OR USED INCORRECTLY— READ, UNDERSTAND, AND OBSERVE ALL WARNINGS AND INSTRUCTIONS IN THIS MANUAL.

OPERATE EQUIPMENT ONLY AFTER ALL INSTRUCTIONS ARE CLEARLY UNDERSTOOD.

In this part sheet, the words **WARNING**, **CAUTION** and **NOTE** are used to emphasize important safety information as follows:

⚠ WARNING
Hazards or unsafe practices which could result in severe personal injury, death or substantial property damage.

⚠ CAUTION
Hazards or unsafe practices which could result in minor personal injury, product or property damage.

NOTE
Important installation, operation or maintenance information.

TOXIC FLUID HAZARD

- Know the specific hazards of the fluid you are using. This information is on the SDS for the material being used. Read all fluid manufacturer warnings.
- Store hazardous fluids in approved containers only. Dispose of all hazardous fluids in accordance with all state, local and national guidelines.
- Wear the appropriate protective clothing, gloves, eyewear and respirator.

Equipment misuse can cause the equipment to fail, malfunction, or start unexpectedly and result in serious injury.

FIRE AND EXPLOSION HAZARD

- Ground the equipment and object being sprayed.
- Provide fresh air ventilation to avoid the build up of flammable fumes from the material being sprayed or from solvent.
- Extinguish all open flames or pilot lights in spray area.
- Electrically disconnect all equipment in the spray area.
- Keep the spray area free from all debris, including solvent rags.
- If there is any static sparking while using the equipment, STOP SPRAYING IMMEDIATELY. Identify and correct the problem.

EQUIPMENT MISUSE HAZARD

- This equipment is for professional use only.
- Read and understand all instructional manuals, tags, and labels before operating equipment.
- Use the equipment only for its intended purpose. If you are unsure about its purpose call your local Binks distributor.
- Do not alter or modify this equipment. Use only genuine Binks parts.
- Do not exceed the maximum working pressure of the lowest rated system component. THE MAXIMUM RATING OF THE MAG HVLP GUN IS 120 P.S.I. DO NOT EXCEED THE FLUID PRESSURE RATING.
- Route all hoses away from all sharp edges, moving parts, hot surfaces and high traffic areas.
- Do not use hoses to pull the equipment.
- Use only Binks approved hoses.
- Use only solvents compatible with hoses and wetted parts of the equipment used.
- Comply with all applicable local, state and national fire, electrical and other safety regulations.
- Improper grounding, poor air ventilation, open flame or sparks can cause a hazardous condition and result in fire or explosion and cause serious injury.

NOISE LEVELS

- The A-weighted sound level of spray guns may exceed 85 dB(A) depending on the setup being used. It is recommended that ear protection is worn at all times when spraying.

PROP 65 WARNING

- WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

The automatic Spray Gun models listed in the following declaration of conformity may be used in some potentially explosive atmospheres ONLY when the special conditions for safe installation and operation have been followed as expressed in this user manual (Part Sheet). These models are approved to ATEX regulations 94/9/EC, protection level: **II 2 G X: Suitable for use in Zones 1 and 2**.

EC Declaration of Conformity

CE ⟨Ex⟩

Manuf. By: Finishing Brands
320 Philips Ave.
Toledo, OH 43612

Type/Series: Manifold Mounted Automatic Spray Guns

Model: MAG HVLP: 4006-, 4007-, 4008-, 4009-

The equipment to which this document relates is in conformance with the following standards or other normative references:

EN ISO 12100-1&2:2003 and **BS EN 1953:1999** and thereby conform to the protection requirements of Council Directive 98/37/EC relating to Machinery Safety Directive, and;

EN 13463-1:2001, Council Directive **94/9/EC** relating to **Equipment and Protective Systems for use in Potentially Explosive Atmospheres**, protection level **II 2 G X**.

Approved By: _____ Date: April 17. 2006
Chuck McCulloch, Finishing Brands

Finishing Brands reserves the right to modify equipment specification without prior notice.

MAG HVLP AUTOMATIC SPRAY GUN SET-UP INSTRUCTIONS — SPRAY INSTRUCTIONS

TO CHANGE FROM COMBINED FAN AND AIR TO SEPARATE FAN AND ATOMIZING AIR.

1. Remove item (31) side port control by turning counter-clockwise with a 9/16 wrench.
2. Install item (37) allen head set screw into thread at the bottom of tapered cavity of where the side port was.
3. Install item (38) side port plug into the upper part of the threaded cavity of where the side port was.
4. Remove item (34) 1/4 NPT plug from the fan air port and replace it with item (35) D.M. nipple.

NOTE

When fan and atomizing air is separated, they both activate "ON" and "OFF" with cylinder air control.

SET UP FOR SPRAYING

Safe connection.

- Verify that the gun is grounded per the automated machine manufacturer's recommendations.

Connect fluid hose to the manifold.

- Use 3/8" diameter material hose.
- Fluid fitting from hose assembly to 1/4" NPT(f) fluid inlet on manifold is not furnished.
- 1/4" diameter hose is recommended for low viscosity materials.

Connect atomizing air to the manifold.

- Install 1/4 NPS(m) x 1/4 NPT(m) fitting (furnished loose) in atomizing air port.
- Use 5/16" diameter or larger Air hose.

Connect cylinder air hose to manifold.

- Install 1/8 NPT(m) x 1/4 tube fitting (furnished loose) in cylinder air port.

Controlling the material flow.

- Increasing the material pressure will increase the flow rate.
- Correct fluid tip size helps insure correct material flow.

Adjusting the spray pattern.

- By adjusting the side port control you can get the full range of pattern adjustment when you have proper fluid and air flow.
- When set-up for remote fan air you achieve a larger pattern by increasing the air pressure to the fan port.

GENERAL SPRAY INSTRUCTIONS

1. Minimum cylinder actuating pressure is 50 PSI.
2. To reduce overspray and obtain maximum efficiency, always spray with the lowest possible fluid/air pressure that produces an acceptable pattern.
3. Cylinder air line (from the gun manifold to the solenoid valve) should be kept as short as possible for quick triggering.
4. All the air used in the gun should be dirt and moisture free. This is accomplished by using an oil and water extractor.
5. Shut off all the fluid and air lines to the gun if the gun is to stand idle for any length of time. This is to prevent build-up or accumulation of minute leaks in the system from turning the gun on.
6. The distance between gun and surface should be 6 to 12 inches depending on material and the atomizing pressure. The material deposited should always be even and wet. Lap each stroke over the proceeding stroke to obtain a uniform finish.
7. CONTROLLING THE MATERIAL FLOW
   If necessary, fluid can also be adjusted by adjusting the amount of needle travel. This is done by loosening lock nut (2) and adjusting control knob (1) until the correct needle travel is achieved.
8. ADJUSTING THE SPRAY PATTERN
   The width of the spray pattern is controlled by the side port control assembly (31). Turning this control clockwise until it is closed will give a round spray; turning it counterclockwise will widen the spray into a fan shape. The fan shape can be turned anywhere through 360 by positioning the air cap (20) relative to the gun. To effect this: loosen retainer ring, position nozzle, then re-tighten retainer ring.

MAG HVLP AUTOMATIC SPRAY GUN MAINTENANCE/TROUBLESHOOTING AND SERVICE INSTRUCTIONS

NOTE

Disassemble spray gun and remove all o-rings before immersing gun in or subjecting it to a flood-wash of cleaning solvent. Contact with solvents may induce o-ring swelling beyond their specification sizes and cause subsequent malfunction of the gun.

Use white lithium based grease to lubricate all o-rings and moving parts before reassembly into the gun body.

To further protect the environment, avoid storing solvents or solvent-soaked wipes, such as those used for surface preparation and cleanup, in open or absorbent containers.

TROUBLESHOOTING

Numbers in parentheses refer to individual items shown on the exploded drawing on page 7.

⚠ CAUTION

Never use metal instruments to clean or scrape fluid or air nozzles. These parts have been carefully machined and altering their shape will cause faulty spray.

⚠ WARNING

Be sure to follow all safety precautions described on page 2 before working on the spray gun. Never work on the spray gun until fluid pressure has been relieved throughout the system and the power or air supply for the fluid pump has been disconnected. Always test the repaired gun for leaks with low pressure fluid before use.

SERVICING/REPLACING FLUID NOZZLE AND FLUID NEEDLE ASSEMBLY

Service symptoms:

- *Build-up on air cap or clogged fluid nozzle assembly*
- *Fluid nozzle not sealing properly.*

1. Remove valve control (1). Lock-nut (2) and needle return spring (4). Pull item (8) needle assembly back or remove it so you don't damage the needle when servicing or replacing fluid nozzle. Service or replace fluid nozzle assembly and reassemble in reverse order. Lubricate needle with Copper PTFE Grease 540395 before inserting through fluid cartridge.
2. Turn retaining ring (19) counter clockwise and remove.
3. Remove air cap (20).
4. Turn fluid nozzle (21) counterclockwise and remove.
5. Service or replace and reassemble in reverse order.

REPLACING FLUID CARTRIDGE ASSEMBLY

Service symptoms:

- *Fluid leaking from weep port*

1. Turn end cap (3) counterclockwise and remove it with the piston and needle return spring from the piston body (25).
2. Remove fluid needle assembly (8).
3. Using the two 8-32 screws (41) provided in loose parts bag, thread the 8-32 screw into the two threaded holes in the back of the piston. Pull the two threaded screws and remove the piston.
4. Place the supplied 3/8" deep socket over fluid cartridge assembly (18) and turn it counter clockwise.
5. Remove and reassemble in reverse order using the new fluid cartridge assembly.

REPLACING O-RINGS ON PISTON ASSEMBLY

Service symptoms:

- *Atomizing air not cycling off*
- *Air not actuating fluid*

1. Turn end cap (3) counterclockwise and remove it with the piston return spring (7) and needle return spring (4) from the piston body (25).
2. Remove fluid needle assembly (8).
3. Using the two 8-32 screws (41) provided in loose parts bag, thread the two 8-32 screws into the two threaded holes in the back of the piston. Pull the two threaded screws and remove the piston.
4. Replace o-rings (13, 14, 16 and 17) using standard piston o-ring repair kit 54-5303 or high performance piston o-ring repair kit 54-5307.
5. Apply MG75 PTFE based lubricant provided in the o-ring repair kits to o-rings and reassemble in reverse order.

SERVICING/REPLACING OPTIONAL FILTER

Service symptoms:

- *Fluid tip clogging or restriction in fluid flow*

1. Using a 3/4" inch wrench, turn filter retainer (40) counterclockwise and remove.
2. Place a standard screwdriver inside the cavity where the filter (39) is housed and dislodge it by lifting up with the screwdriver. Remove filter and clean or replace as required. Most of the time you can dislodge the filter using your finger.
3. Reassemble in reverse order.

NOTE

O-ring (28) does not require replacement when servicing filter. Replace o-ring (28) if a leak develops around filter retainer (27).

REMOVING/REPLACING GUN ASSEMBLY MODULE ONLY FROM INLET MANIFOLD ASSEMBLY

1. Using a 9/64" Allen wrench, turn retaining cap screw (22) counterclockwise typical 4 places and remove gun sub module.

NOTE

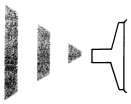
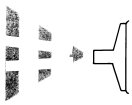
O-rings (24 & 26) must be replaced when replacing gun sub module.

2. Mount the new gun module, tightening the retaining screws (22). This will allow fluid and air passages to seal with no contamination.

SPRAY PATTERN TROUBLESHOOTING

⚠ CAUTION

Do not exceed 100 psi gun inlet pressure. Use air nozzle test gauge assembly to determine and verify exact nozzle operating air pressure.

PROBLEM	CAUSE	ACTION
Fluttering Spray Pattern 	Insufficient fluid supply. Air in paint supply line.	Adjust fluid regulator or fill fluid supply tanks. Check and tighten pump siphon hose connections, bleed air from paint line.
Striping Spray – Fingers 	Tip partially plugged.	Clean or replace tip assembly.
Irregular Pattern 	Fluid builds up on tip, or tip partially plugged. On defective side of pattern, air horn holes are plugged.	Clean tip. Clean air horn holes with solvent and a soft brush.
Pattern pushed to one side, same side of air cap gets dirty 	On defective side of pattern, air horn holes are plugged.	Clean air horn holes with solvent and a soft brush or toothpick.

NOZZLE AND NEEDLE SELECTIONS—HVLP AIR NOZZLE

HVLP AIR NOZZLES 90P

GUN INLET PSI	NOZZLE AIR FLOW SCFM	NOZZLE ATOMIZING PSI
5.0	4.0	3.0
7.0	4.5	5.0
10.0	5.0	7.0
12.0	5.5	9.0
15.0	6.0	10.0

HVLP AIR NOZZLES 93P

GUN INLET PSI	NOZZLE AIR FLOW SCFM	NOZZLE ATOMIZING PSI
8.0	5.5	3.0
11.5	7.0	5.0
14.5	8.0	7.0
17.0	9.5	9.0
18.0	10.0	10.0

HVLP AIR NOZZLES 95P

GUN INLET PSI	NOZZLE AIR FLOW SCFM	NOZZLE ATOMIZING PSI
20.0	11.0	3.0
30.0	15.7	5.0
38.0	17.5	7.0
45.0	19.6	9.0
50.0	22.5	10.0

HVLP AIR NOZZLES 92P

GUN INLET PSI	NOZZLE AIR FLOW SCFM	NOZZLE ATOMIZING PSI
6.0	4.5	3.0
8.5	6.0	5.0
11.0	6.8	7.0
13.5	7.5	9.0
15.0	8.0	10.0

HVLP AIR NOZZLES 94P

GUN INLET PSI	NOZZLE AIR FLOW SCFM	NOZZLE ATOMIZING PSI
14.0	7.0	3.0
21.0	9.0	5.0
27.0	11.0	7.0
30.0	12.0	9.0
33.0	13.0	10.0

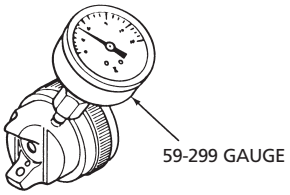
HVLP AIR NOZZLES 100P

GUN INLET PSI	NOZZLE AIR FLOW SCFM	NOZZLE ATOMIZING PSI
3.0	3.2	2.0
6.1	4.8	4.0
9.0	6.0	6.0
11.6	6.9	8.0
14.3	8.0	10.0

AIR NOZZLE TEST GAUGE ASSEMBLY

Part No.	Description
54-3902	92P Nozzle
54-3935	95P Nozzle
54-4066	94P Nozzle

Part No.	Description
54-4345	90P Nozzle
54-4356	93P Nozzle
54-5650	100P Nozzle



FLUID NOZZLES—STANDARD NOZZLES

Material	Part Number	Fluid Nozzle No.	Orfice Size (inches)	Orfice Size (mm)	Applicable Air Nozzle	Compatiable Fluid Needle
Ultra Light: Reduced Flow	45-8900	89	0.020	0.5	90P, 92P, 93P, 94P, 95P 100P	54-5360 – "90PF" Feathering Delrin Tip 54-5365 – "90SF" Feathering S.S. Tip
	45-8902	89A	0.025	0.6		
Very Light: Reduced Flow	45-9000	90	0.030	0.8		
Light: less than 15 to 20 seconds in ZAHN 2 Cup, e.g., stains, varnishes, thin lacquers, automotive refinishing materials.	45-9100	91	0.040	1.0	90P, 92P, 93P, 94P, 95P 100P	54-5370 – "AB" Delrin Tip 54-5375 – "ABSS" Stainless Steel Tip
	45-9200	92	0.046	1.2		
	45-9400	94	0.055	1.4		
	45-9700	97	0.070	1.7		

IMPORTANT REGULATORY NOTE

Some regulatory agencies prohibit the operation of HVLP spray guns above 10 PSI nozzle atomizing pressure. Users subject to this type of regulation should not exceed 10 PSI. It is recommended that the air nozzle test gauge assembly be used to confirm actual nozzle operation pressure.

It may also be a requirement of some regulatory agencies that user have this gauge nozzle available on site to verify that the gun is being operated within the limits of applicable rules.

MAG HVLP AUTOMATIC GUN SPECIFICATIONS

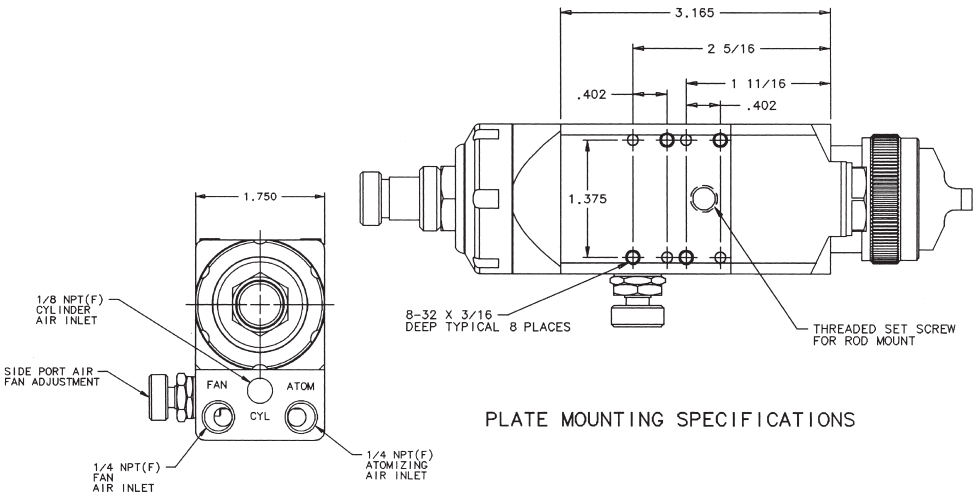
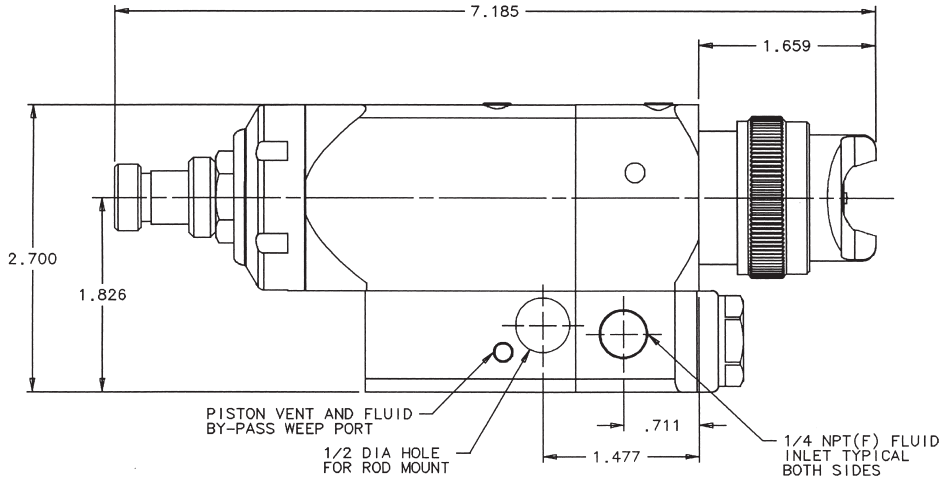
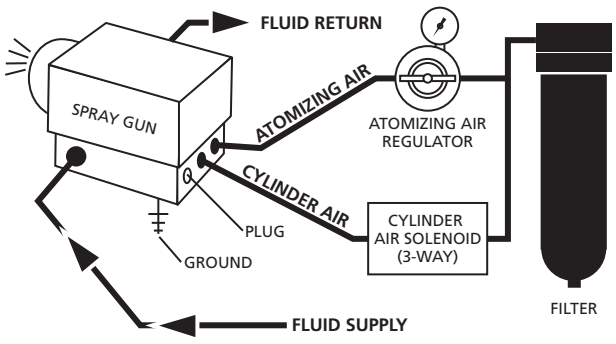


PLATE MOUNTING SPECIFICATIONS

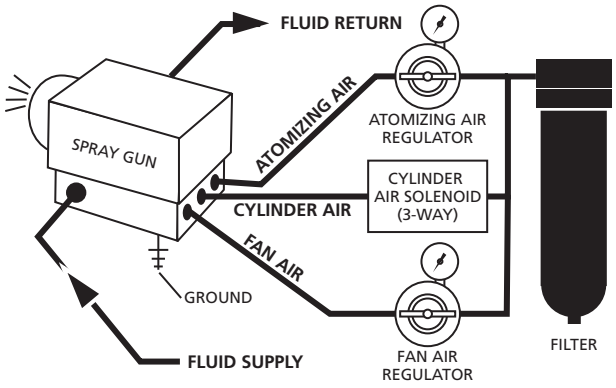


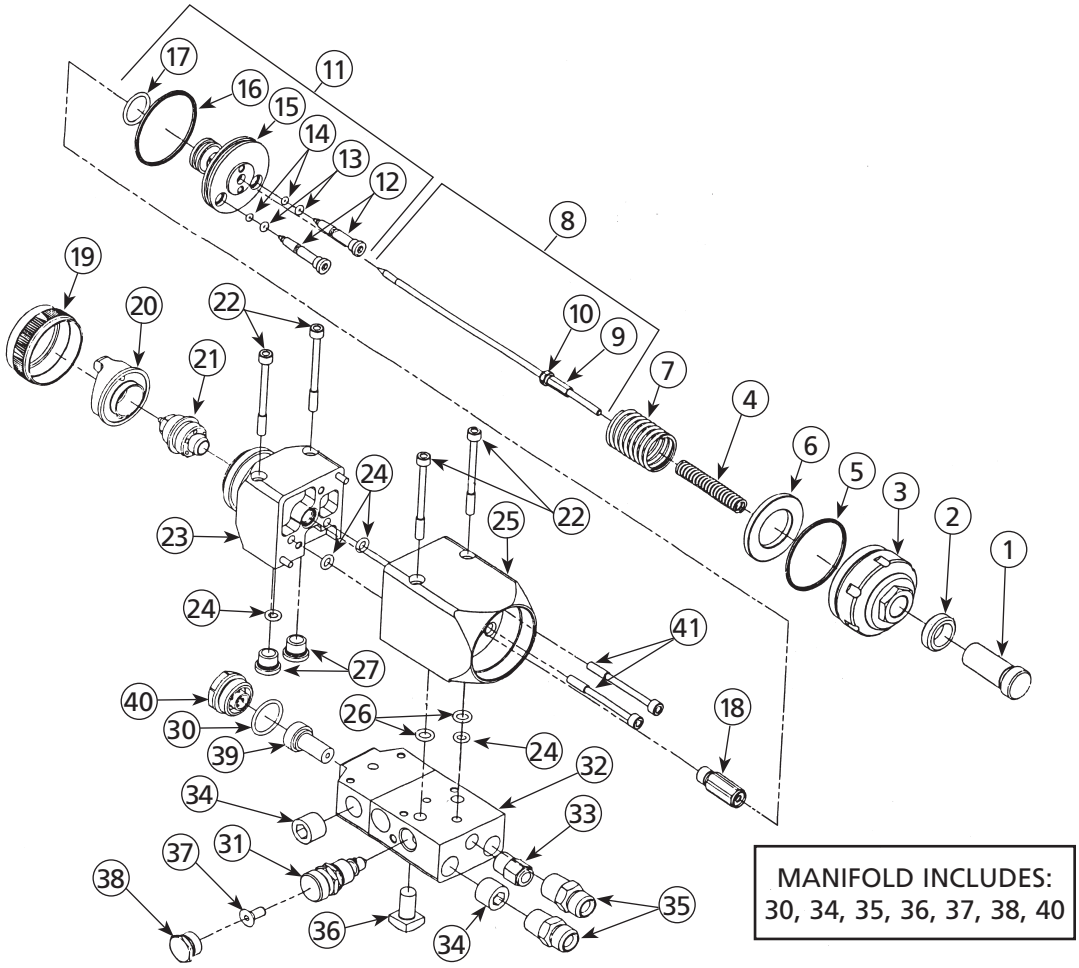
MAG HVLP AUTOMATIC HOSE HOOK-UPS

Hose Hook-Up with Atomizing/Fan Air COMBINED



Hose Hook-Up with Atomizing/Fan Air SEPARATED





PARTS LIST

When ordering, please specify Part No.
(Not all part numbers are available for purchasing.)

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	54-3731	Material Valve Control Screw	1
2	54-3732	Control Screw Locknut	1
3	54-5356	End Cap (HVLP Automatic)	1
4	54-5357	Needle Return Spring	1
5	20-6783•	Special O-Ring (029) (white)	1
6	— •	Piston Impact Ring	1
7	54-5332	Piston Return Spring	1
8	—	Needle Assembly	1
9	54-3603	Needle Cap	1
10	54-3604	Needle Locknut	1
11	54-5355	Piston Assembly	1
12	54-5318	Atomizing Air Valve	2
13	20-6785•★	Special O-Ring (2-004) (white)	2
14	20-6786•★	Special O-Ring (2-003) (white)	2
15	—	Piston Body	1
16	20-6783•★	Special O-Ring (2-029) (white)	1
17	20-6784•★	Special O-Ring (2-015) (white)	1
18	54-5350	Low Pressure Fluid Cartridge Assy	1
19	54-3531	Retaining Ring	1
20	—	Air Nozzle	1
21	—	Fluid Nozzle	1
22	— ‡	Retaining Ring Screw	4
23	54-5353	MAG HVLP Fluid Manifold Assy	1
24	20-4615-5	O-Ring (2-008) PTFE (5 Pack)	5
25	54-5324	Automatic Piston Housing	1
26	20-3467•	O-Ring (2-010) PTFE	2
27	54-5326	Fluid Manifold Port Plug	2
28	54-3918*	Gun Wrench (not shown)	1
30	20-5921•▲	O-Ring (2-017) PTFE	1
31	54-3720▲	Side Port Control Assembly	1
32	54-5358	Air/Fluid Inlet Junction Assy	1
33	54-4945-K10	Tube Connector (1/8 NPT(M) x 1/4 Tubing)	①
34	20-6131	1/4 NPT Plug HEX Skt Hd S.S.	②
35	57-13-1	1/4 NPS x 1/4 NPT DM Nipple	②
36	20-1359-1	Screw Sq Hd 5/16-18 x 5/8	①
37	—	Screw 10-32 x 1/4 Flathead Allen Hd Pltd	①
38	102-2839	Side Port Plug	①
39	54-1835*	100 Mesh Filter Assembly (higher pressure)	1
40	54-5340 ▲	Filter Retaining Assembly	1
41	— ‡	Allen Socket HD 8-32 x 1-3/4 Lg	2+②
—	—	Allen Wrench	①
—	—	3/8 Socket (Deep Well)	①

• Available as part of Rebuild Kit 54-5307.

★ May also be purchased separately.

‡ Available as part of 54-5333-K6.

▲ Item Nos. 30, 31 & 40 are part of 32 Manifold and are shipped loose.

①② Items shipped loose.

* Optional.

MAG HVLP AUTOMATIC SPRAY GUN

HOW TO ORDER

GUN COMBINATIONS AVAILABLE AS STANDARD WITHOUT AIR CAPS (ORDER AIR NOZZLES SEPARATELY)

			SUPPLIED WITH GUN			
DESIGNATION NUMBER WITH MANIFOLD	FLUID NOZZLE ORIFICE (INCHES)	FLUID NOZZLE ORIFICE APPROX. (MM)	FLUID NOZZLE DESIGNATION	FLUID NEEDLE DESIGNATION	NEEDLE TYPE	APPLICABLE AIR NOZZLES*
4006-1100-0	0.040	1.02	91	AB	STANDARD – DELRIN TIP	90P, 92P, 94P, 100P
4006-1200-0	0.055	1.40	94	AB	STANDARD – DELRIN TIP	90P, 92P, 94P, 100P
4006-1300-0	0.070	1.78	97	AB	STANDARD – DELRIN TIP	90P, 92P, 94P, 100P
4006-1400-0	0.030	0.76	90	AB	STANDARD – DELRIN TIP	90P, 92P, 94P, 100P
4006-1500-0	0.020	0.51	88	90PF	STANDARD – DELRIN TIP	90P, 92P, 94P, 100P
4006-1600-0	0.045	1.14	92	AB	STANDARD – DELRIN TIP	90P, 92P, 94P, 100P
4006-4900-0	0.025	0.64	89A	90PF	STANDARD – DELRIN TIP	90P, 92P, 94P, 100P
4008-1100-0	0.040	1.02	91	ABSS	STANDARD – STAINLESS	90P, 92P, 94P, 100P
4008-1200-0	0.055	1.40	94	ABSS	STANDARD – STAINLESS	90P, 92P, 94P, 100P
4008-1300-0	0.070	1.78	97	ABSS	STANDARD – STAINLESS	90P, 92P, 94P, 100P
4008-1400-0	0.030	0.76	90	90SF	STANDARD – STAINLESS	90P, 92P, 94P, 100P
4008-1500-0	0.020	0.51	89	90SF	STANDARD – STAINLESS	90P, 92P, 94P, 100P
4008-1600-0	0.045	1.14	92	ABSS	STANDARD – STAINLESS	90P, 92P, 94P, 100P
4008-4900-0	0.025	0.64	89A	90SF	STANDARD – STAINLESS	90P, 92P, 94P, 100P

*Air caps are selected based on fluid flow rates and fluid viscosities. Consult Binks Tech Support team for further details.

DESIGNATION NUMBER LESS MANIFOLD**	FLUID NOZZLE ORIFICE (INCHES)	NOZZLE ORIFICE APPROX. (MM)	FLUID NOZZLE DESIGNATION	FLUID NEEDLE DESIGNATION	NEEDLE TYPE	APPLICABLE AIR NOZZLES
4007-0000-0	NOT SUPPLIED	NOT SUPPLIED	NOT SUPPLIED	NOT SUPPLIED	NOT SUPPLIED	NOT SUPPLIED

**NOTE: Order fluid nozzles, needles and air cap separately.

Standard Needles: • 90PF—Feathering (DELRIN) • AB—Standard (DELRIN)
Optional Needles: • 90SF—Feathering (S.S.) • ABSS—Standard (S.S.)

CLEANING KIT

PART NO.	DESCRIPTION
54-4994	Cleaning Kit: includes one standard stiff nylon pipe cleaning brush, full-size nylon brush, tip cleaner, and Binks Gunners Mate Lubricant

REPAIR KIT

54-5307 REBUILD KIT CONSISTS OF:

2 EA	20-3467	RING O 1/4 ID X 3/8 OD
1 EA	20-6784	O-RING
4 EA	20-4615	O-RING
2 EA	20-6786	O-RING
1 EA	20-5921	O-RING
2 EA	20-6785	O-RING
2 EA	20-6783	O-RING
1 EA	54-5331	PISTON IMPACT RINGS

ACCESSORIES

PART NO.	DESCRIPTION
54-380	Gun Mounting Bracket
54-1835	100 Mesh Filter
54-1836	60 Mesh Filter
54-5340	Filter Retainer Assembly
54-3918	Gun Wrench
6-428	Gun Lube (2 oz. bottle)
6-429	Gun Lube (20 bottles ref only)
83-2484	Fluid Inlet Stainless Nipple 1/4 NPT x 3/8 NPS
54-5303	Standard Performance Seal Kit
54-5307	High Performance Seal Kit

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WARRANTY POLICY

Binks products are covered by Finishing Brands one year materials and workmanship limited warranty. The use of any parts or accessories, from a source other than Finishing Brands, will void all warranties. For specific warranty information please contact the closest Finishing Brands location listed below.

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Binks is part of Finishing Brands, a global leader in innovative spray finishing technologies. For technical assistance or to locate an authorized distributor, contact one of our international sales and customer support locations below.

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