



BR-2001

SPRAY EQUIPMENT CATALOG

For Distributor Reference

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M1-G

HVLP GRAVITY FEED



- **93P air cap provides a fine atomization of automotive finishes**
- **Low air pressure and volume requirements – needs only 10 CFM at 18 PSI inlet**
- **Complies with environment regulations requiring HVLP**
- **Unique, long lasting self-adjusting fluid packing cartridge for simple replacement**
- **Waterborne compatible – anodized gun body and stainless steel fluid tip and needle**
- **Light weight, superbly balanced with smooth trigger action**
- **Includes:**
 - 3/4 liter (22 oz.) aluminum cup (54-4250)
 - Cleaning brush (82-469)
 - Fluid filter (54-3598)
 - Gun bracket (GFG-6)

Specifications

18 psi air inlet pressure delivers
10 psi air cap pressure and
10 cfm air volume required

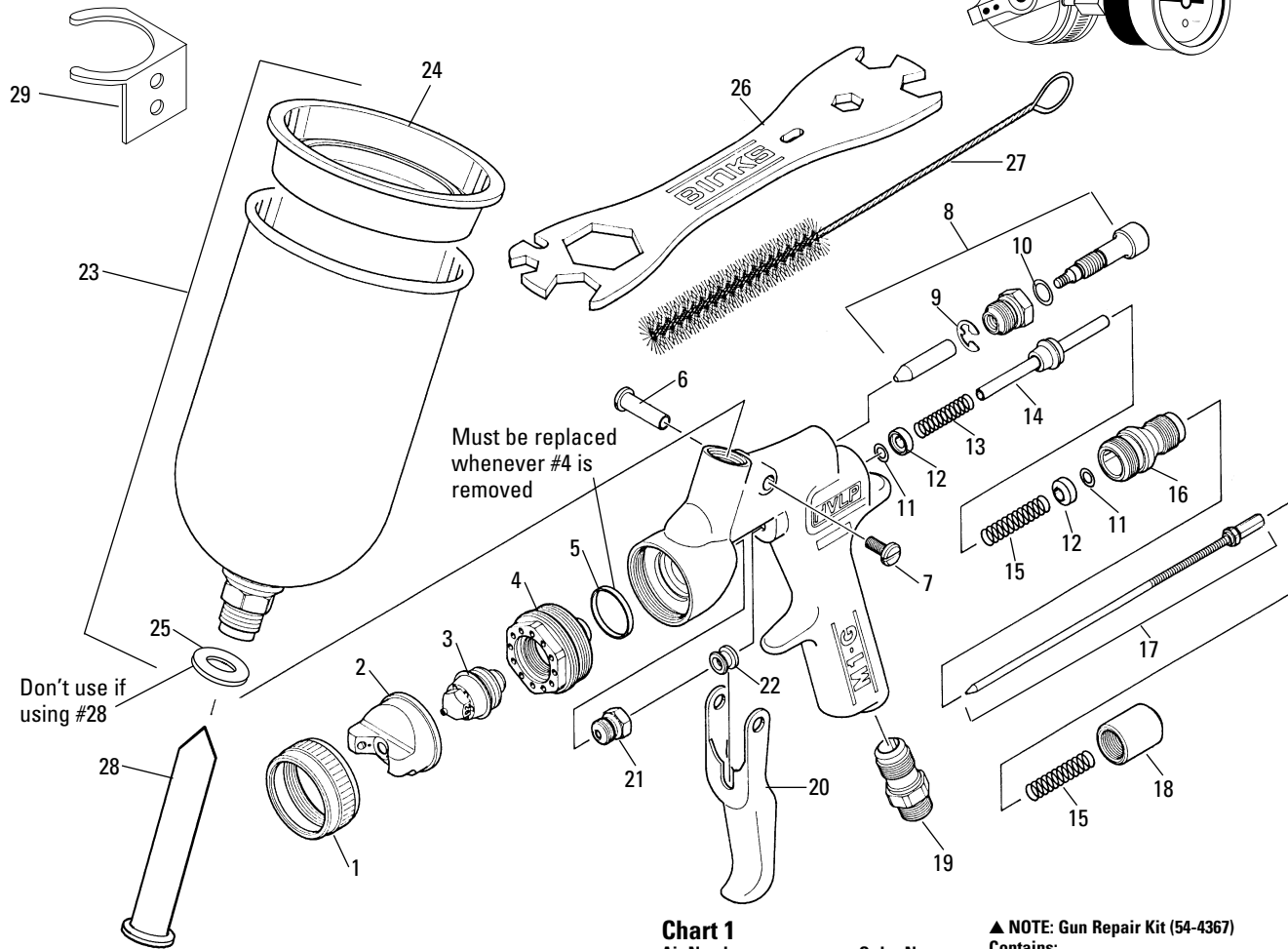
54-4356 Air Cap Test Kit

M1-G HVLP Gravity Feed

Order No.	Fluid Tip (mm)	Inlet Air Pressure	Applications
6909-1203-4 (94 x 93P)	1.4	18 psi	Base coats, clear coats, single stages, waterbornes

Model M1-G HVLP Gravity Feed Spray Gun

OPTIONAL TEST AIR NOZZLE & GAUGE
54-4356



No.	Order No.	Description	Parts Required
1	54-3531	Retaining Ring	1
2	See Chart 1	Air Cap	1
3	See Chart 2†	Fluid Nozzle	1
4	54-4368 †	Head Insert	1
5	54-4369-5▲	Head Insert Seal Ring (Kit of 5)	1
6	●	Trigger Stud	1
7	●	Trigger Screw	1
8	43-4364 †	Side Port Control Assembly	1
9	▲	Retaining Ring	1
10	▲	O-Ring	1
11	▲★	O-Ring	2
12	★	Seal Retainer	2
13	▲*	Spring, Yellow	1
14	54-3512▲	Spindle Assembly	1
15	▲*	Spring, Blue	2
16	54-3541†	Housing	1
17	54-4382	Needle Assembly	1
18	54-3606	Material Valve Control Knob	1
19	54-768†	Air Connection	1
20	54-4360	Trigger	1
21	54-4370▲	Seal Cartridge Assembly	1
22	●	Valve Spindle Cap	1
23	54-4250	Gravity Feed Cup Assembly	1
24	54-4251	Cover Assembly (Kit of 3)	1
25	54-4375-5▲	Seat Gasket (Kit of 5) (Optional)	1
26	54-3918	Wrench (Optional)	1
27	82-469	Gun Brush	1
28	54-3597	Filter - 60 Mesh (4-Pack)	1
29	GF6-6	Gun Wall Mount	1

Chart 1

Air Nozzle	Order No.
92P (Opt)	46-9505
93P (Std)	46-9300

Chart 2

Fluid Nozzle	Order No.	I.D. Size In.	I.D. Size MM
92 (Opt)	45-9200	.046	1.2
93 (Opt)	45-9300	.052	1.3
94 (Std)	45-9400	.055	1.4
97 (Opt)	45-9700	.070	1.8

†Torquing Information

No.	Description	Torque
3	Fluid Nozzle	10-12 Ft. Lb.
4	Head Insert	20-23 Ft. Lb.
8	Side Port	4-6 Ft. Lb.
16	Housing	15-17 Ft. Lb.
19	Air Connection	15-17 Ft. Lb.

● Screw, Stud & Cap Kit (54-5223)

No.	Description	Qty.
6	Trigger Stud	1
7	Trigger Screw	1
22	Valve Spindle Cap	1

★ O-Ring & Retainer Kit (54-5224)

No.	Description	Qty.
11	O-Ring	2
12	Seal Retainer	2

▲ NOTE: Gun Repair Kit (54-4367) Contains:

Ref. No.	Description	Qty.
5	Seal	1
9	Retaining Ring	1
10	O-Ring	1
11	O-Ring	2
13	Spring, Yellow	1
14	Spindle	1
15	Spring, Blue	2
21	Seal Cartridge	1
25	Seat Gasket	1

* Spring Kit (54-5225)

No.	Description	Qty.
13	Spring, Yellow	1
15	Spring, Blue	2



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CUB SLG

HVLP GRAVITY FEED TOUCHUP



- **Superior performance** – #2S air cap provides excellent atomization of a full range of automotive refinishing materials
- **Ideal for touchup, spot repair, door jambs and detailing**
- **Versatile** – produces fan pattern from 1/4" to 7"
- **Lightweight, compact design for operator comfort and control** – weighs only 12 oz.
- **Low air consumption** – 11 cfm
- **Complies with environmental regulations requiring HVLP**
- **Includes:**
 - 4 oz. gravity cup (54-4458)
 - Cleaning brushes (82-221 & 54-4133)

Specifications

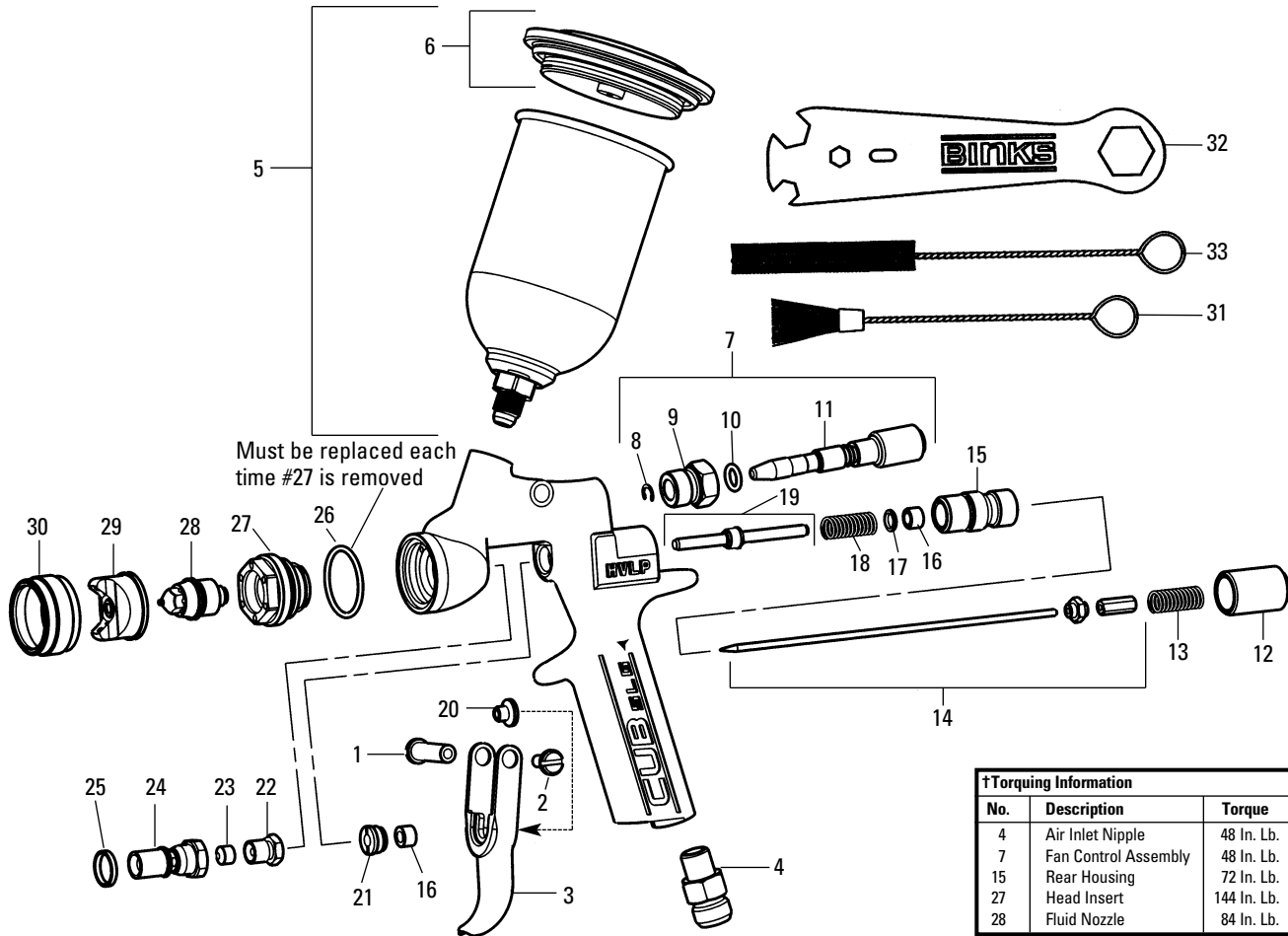
50 psi inlet pressure delivers
10 air cap pressure and
11 cfm air volume required

54-4150 Air Cap Test Kit

CUB SLG HVLP Gravity Feed

Order No.	Fluid Tip (mm)	Inlet Air Pressure	Applications
7012-3502-3 (40T x 2S)	1.0	42-50 psi	Base coats, clear coats, single stages, sealers, and low VOC's

Cub SLG HVLP Gravity Feed Detail Gun



†Torquing Information		
No.	Description	Torque
4	Air Inlet Nipple	48 In. Lb.
7	Fan Control Assembly	48 In. Lb.
15	Rear Housing	72 In. Lb.
27	Head Insert	144 In. Lb.
28	Fluid Nozzle	84 In. Lb.

No.	Order No.	Description	Parts Required
1	●	Trigger Stud	1
2	●	Trigger Screw	1
3	54-4462	Trigger	1
4	71-28†	Air Inlet 1/4 NPS(m)	1
5	54-4458	4 oz. Cup Assembly with Lid	1
6	54-4539	Lid Assembly (Kit of 3)	1
7	54-4489†	Fan Control Assembly	1
8	▲ See 7	Retaining Ring	1
9	See 7	Fan control housing	1
10	▲ See 7	O-Ring Split Teflon	1
11	See 7	Fan Control Knob	1
12	54-4128	Fluid Control Knob	1
13	▲★	Spring, Stainless Steel	1
14	54-4494	Needle Assembly	1
15	54-4127†	Rear Housing	1
16	▲54-4131	U-Cup Seal	2
17	▲	Washer	1
18	▲★	Spring, Yellow	1
19	▲54-4119	Air Valve Assembly	1
20	▲●	Spindle Cap	1
21	▲	Seal Retainer	1
22	▲	Packing Nut	1
23	▲55-846-5	Packing (Kit of 5)	1
24	54-4497	Gravity-Feed Fluid Inlet	1
25	▲54-4469	Fluid Inlet Seal	1
26	▲20-5740-5	O-Ring Teflon (Kit of 5)	1
27	54-4124†	Head Insert	1
28	† See Chart 1	Fluid Nozzle	1
29	46-9900	Air Nozzle 2S	1
30	54-4123	Retaining Ring	1
31	82-221	Flat Brush	1
32	54-4130	Wrench (Not Included)	1
33	54-4133	Round Gun Brush (Optional)	1
	54-4150	Air Test Nozzle & Gauge (Optional) (Not Shown)	1

Chart 1 – Fluid Nozzles

Fluid Nozzle	Order No.	Nozzle Size I.D.	In.	MM
30T (Opt)	45-9902	.030	0.8	
40T (Std)	45-9905	.040	1.0	
55T (Opt)	45-9908	.055	1.4	

▲ NOTE: Gun Repair Kit (54-4478)

Contains:

No.	Description	Qty.
8	Retaining Ring	1
10	O-Ring Split Teflon	1
13	Spring, Stainless Steel	1
16	U-Cup Seal	2
17	Washer	1
18	Spring, Yellow	1
19	Air Valve Assembly	1
20	Spindle Cap	1
21	Seal Retainer	1
22	Packing Nut	1
23	Packing	1
25	Fluid Inlet Seal	1
26	O-Ring Teflon	1

● Stud, Screw & Cap Kit 54-5221

No.	Description	Qty.
1	Trigger Stud	1
2	Trigger Screw	1
20	Spindle Cap	1

★ Spring Kit 54-5222

No.	Description	Qty.
13	Spring, Stainless Steel	1
18	Spring, Yellow	1



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† Torquing information. (See chart).
▲ Available in Spare Parts Kit 54-4478.

MACH 1

HVLP PRESSURE FEED



- **Excellent performance** – 97AP air cap atomizes the full range of fleet refinishing materials, providing a wide, consistent fan pattern
- **Waterborne compatible**
- **Self-adjusting fluid packing cartridge**
- **Designed to stand up under hard, continuous use**
- **Operates like a conventional spray gun utilizing compressed shop air**
- **Includes:**
Cleaning brush (82-469)

Use with all Binks pressurized tanks and cups. See section C-2 thru C-5.

Specifications

50 psi air inlet pressure delivers
10 psi air cap pressure and
22.5 cfm air volume required

54-3935 Air Cap Test Kit

MACH 1 HVLP Pressure Feed

Order No.	Fluid Tip (mm)	Inlet Air Pressure	Applications
6202-1202-8 (94 x 97AP)	1.4	50 psi	Base coats, clear coats, low VOC's, single stages, urethanes and fleet finishes

2001

CONVENTIONAL SUCTION FEED



- **Excellent atomization for today's refinishing materials**
- **Compact, lightweight and well-balanced**
- **Specially designed grip** – improves operator control and handling comfort
- **Maximum durability** – drop-forged anodized aluminum gun body, replaceable spray head made of nickel-plated forged brass
- **Stainless steel fluid tip and needle**
- **Includes:**
Cleaning brush (82-221)

**Use with 82-545 or 85-555 suction cups.
See section C-2.**

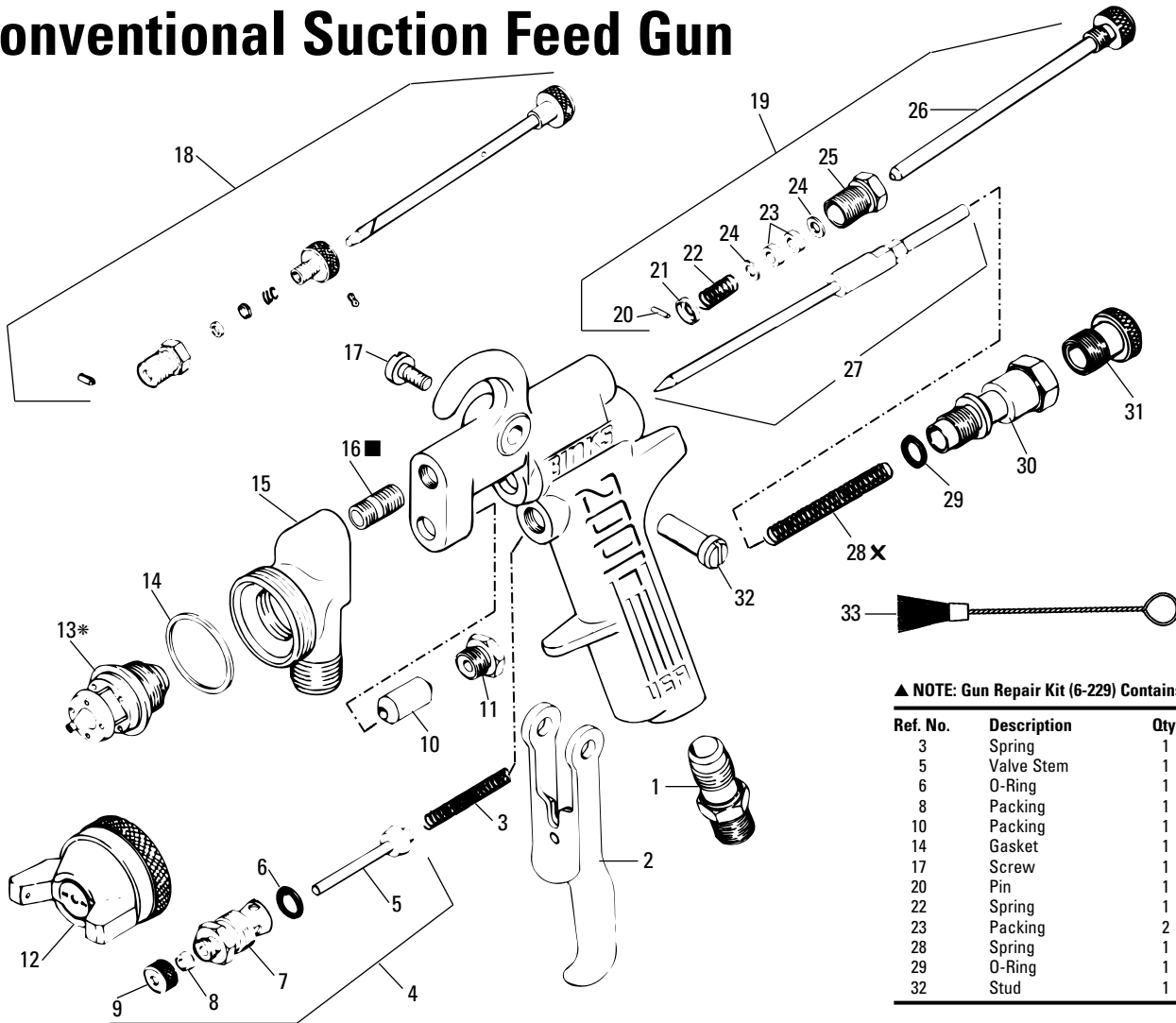
2001 Suction Feed

The model 2001 is compact, lightweight and well-balanced. This, together with a specially designed grip, measurably improves operator control and handling comfort.

2001 Conventional Suction Feed

Order No.	Fluid Tip (mm)	Applications
6211-4307-9 (66SS x 66SD)	1.8	Synthetic and acrylic enamels. May need to restrict fluid flow with needle adjustment for base and clear coats.
6211-4308-8 (66SS x 66SK)	1.8	Synthetic and acrylic enamels. May need to restrict fluid flow with needle adjustment for base and clear coats. (Larger pattern)

Model 2001 Conventional Suction Feed Gun



▲ NOTE: Gun Repair Kit (6-229) Contains:

Ref. No.	Description	Qty.
3	Spring	1
5	Valve Stem	1
6	O-Ring	1
8	Packing	1
10	Packing	1
14	Gasket	1
17	Screw	1
20	Pin	1
22	Spring	1
23	Packing	2
28	Spring	1
29	O-Ring	1
32	Stud	1

No.	Order No.	Description	Parts Required
1	54-768	Connection	1
2	54-1050	Trigger	1
3	▲	Spring	1
4	54-1236	Air Valve Assembly	1
5	▲	Valve Stem Assembly	1
6	▲	O-Ring	1
7	See 4	Valve Body	1
8	▲	Packing	1
9	82-135-5	Nut (Kit of 5)	1
10	54-764-5▲	Fluid Packing (Standard) (Kit of 5)	1
11	56-164	Nut	1
12	Chart 1	Air Nozzle & Ring	1
13	Chart 2	Fluid Nozzle	1
14	54-918-5▲	Gasket	1
15	54-3348	Head	1
16	54-710■	Screw	1
17	▲●	Screw	1
18	54-1780	Quick Change Side Port Control (Optional)	1
19	54-3347	Side Port Control	1
20	See 19▲	Pin	1
21	See 19	Washer	1
22	See 19▲	Spring	1
23	See 19▲	Packing	2
24	See 19	Washer	2
25	See 19	Body	1
26	See 19	Screw	1
27	47-56500	#565 Needle Assembly	1
28	▲X	Spring	1
29	▲	O-Ring	1

Order No.	No.	Description	Parts Required
30	54-1013	Body	1
31	54-1007	Control Screw	1
32	▲●	Stud	1
33	82-221	Flat Brush	1
	5-476	Fluid Nozzle Wrench (Optional)	

■ 73-165 Allen Wrench for #16 (Optional).

X 54-1372 Heavy Duty Spring (Optional).

* Conventional open end or other standard wrenches are not suitable for removing or reinserting the fluid nozzle. Wrench 5-476, available from Binks is recommended.

● Screw & Stud Kit (54-3919)		
No.	Description	Qty.
17	Screw	1
32	Stud	1

Chart 1		Order No.
Air Nozzle & Ring		
66SD		46-6020
66SK		46-6082

Chart 2			
Fluid Nozzle	Order No.	I.D. Size In.	I.D. Size MM
66SS	45-6601	.070	1.8



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MODEL 7

CONVENTIONAL SUCTION FEED



- Excellent atomization of the full range of refinishing materials
- Traditional fit, feel and balance
- **Maximum durability** – Drop forged aluminum gun body
- Plated drop forged brass head
- Stainless steel air valve cartridge
- **Includes:**
Cleaning brush (82-221)



Use with 82-545 or 82-555 suction cups. See section C-2.

Model 7
Used for all production spraying, the Model 7 is completely dependable and is built to perform year after year at top efficiency.

A favorite among automotive refinishers using suction feed, the gun provides consistently uniform finishes.

MODEL 7 Conventional Suction Feed

Order No.	Fluid Tip (mm)	Applications
6100-1808-9 (36SS x 36SD)	1.8	Synthetic & acrylic enamels. May need to restrict fluid flow with needle adjustment for base and clear coats.
6100-1809-2 (36SS x 36SK)	1.8	Synthetic & acrylic enamels May need to restrict fluid flow with needle adjustment for base and clear coats. (Larger Pattern)

Model 7 Conventional Suction Feed Gun

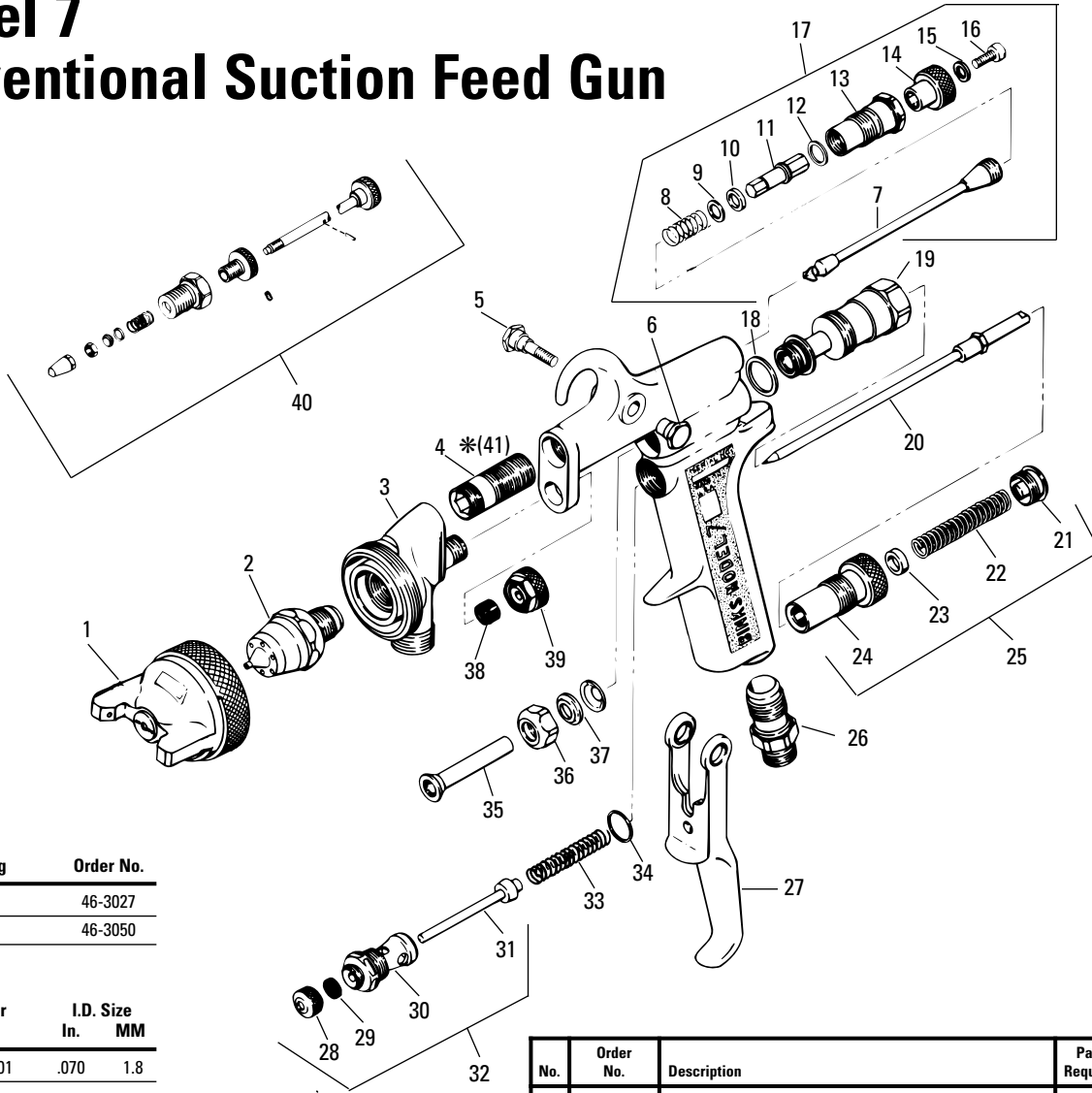


Chart 1

Air Nozzle & Ring	Order No.
36SD (Std)	46-3027
36SK (Std)	46-3050

Chart 2

Fluid Nozzle	Order No.	I.D. Size In.	MM
36SS	45-3601	.070	1.8

No.	Order No.	Description	Parts Required
1	See Chart 1	Air Nozzle & Ring	1
2	See Chart 2	Fluid Nozzle	1
3	54-707	Head	1
4	54-710	Screw	1
5	▲●	Trigger Screw	1
6	▲●	Trigger Stud	1
7	54-730	Stem	1
8	▲See 17	Spring	1
9	See 17	Washer	1
10	▲54-738-5	Packing (Kit of 5)	1
11	See 17	Spindle	1
12	▲See 17	Gasket	1
13	See 17	Housing	1
14	See 17	Knob	1
15	See 17	Washer	1
16	See 17	Screw	1
17	54-729	Side Port Control Assembly	1
18	▲	Gasket	1
19	54-717	Housing	1
20	47-56500	#565 Needle Assembly	1
21	See 25	Screw	1
22	▲	Spring	1
23	See 25	Ring	1
24	See 25	Body	1
25	54-724	Fluid Control Assembly	1
26	54-768	Connection	1
27	54-753	Trigger	1
28	54-1340	Nut	1
29	▲54-747-5	Packing (Kit of 5)	1
30	See 32	Body	1
31	▲See 32	Stem	1
32	54-1341	Air Valve Assembly	1

No.	Order No.	Description	Parts Required
33	▲	Spring	1
34	▲	Gasket	1
35	★	Sleeve	1
36	★	Retainer	1
37	▲57-722-5	Wiper (Kit of 5)	2
38	▲54-764-5	Packing (Kit of 5)	1
39	54-765	Nut	1
40	54-1989	Side Port Control, Quick Change (Optional)	1
41	*73-165	Allen Wrench, Gunhead Screw for #4 (Not Shown; Optional)	1
	82-221	Brush (not shown)	1

▲NOTE: Repair Kit (6-188) Contains:

No.	Description	Qty.
5	Screw	1
6	Stud	1
8	Spring	1
10	Packing	1
12	Gasket	1
18	Gasket	1
22	Spring	1
29	Packing	1
31	Stem	1
33	Spring	1
34	Gasket	1
37	Wiper	2
38	Packing	1

● Stud & Screw Kit (54-5226)

No.	Description	Qty.
5	Trigger Screw	1
6	Trigger Stud	1

★ Sleeve & Retainer Kit (54-5227)

No.	Description	Qty.
35	Sleeve	1
36	Retainer	1



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2001

CONVENTIONAL PRESSURE FEED



- **Excellent atomization for today's refinishing materials**
- **Compact, lightweight and well-balanced**
- **Specially designed grip** – improves operator control and handling comfort
- **Maximum durability** – drop-forged anodized aluminum gun body, replaceable spray head made of nickel-plated forged brass
- **Stainless steel fluid tip and needle**
- **Use with all Binks pressurized tanks and cups**
- **Includes:**
Cleaning brush (82-221)

**Use with pressure cups and tanks.
See section C-2 thru C-5.**

Model 2001

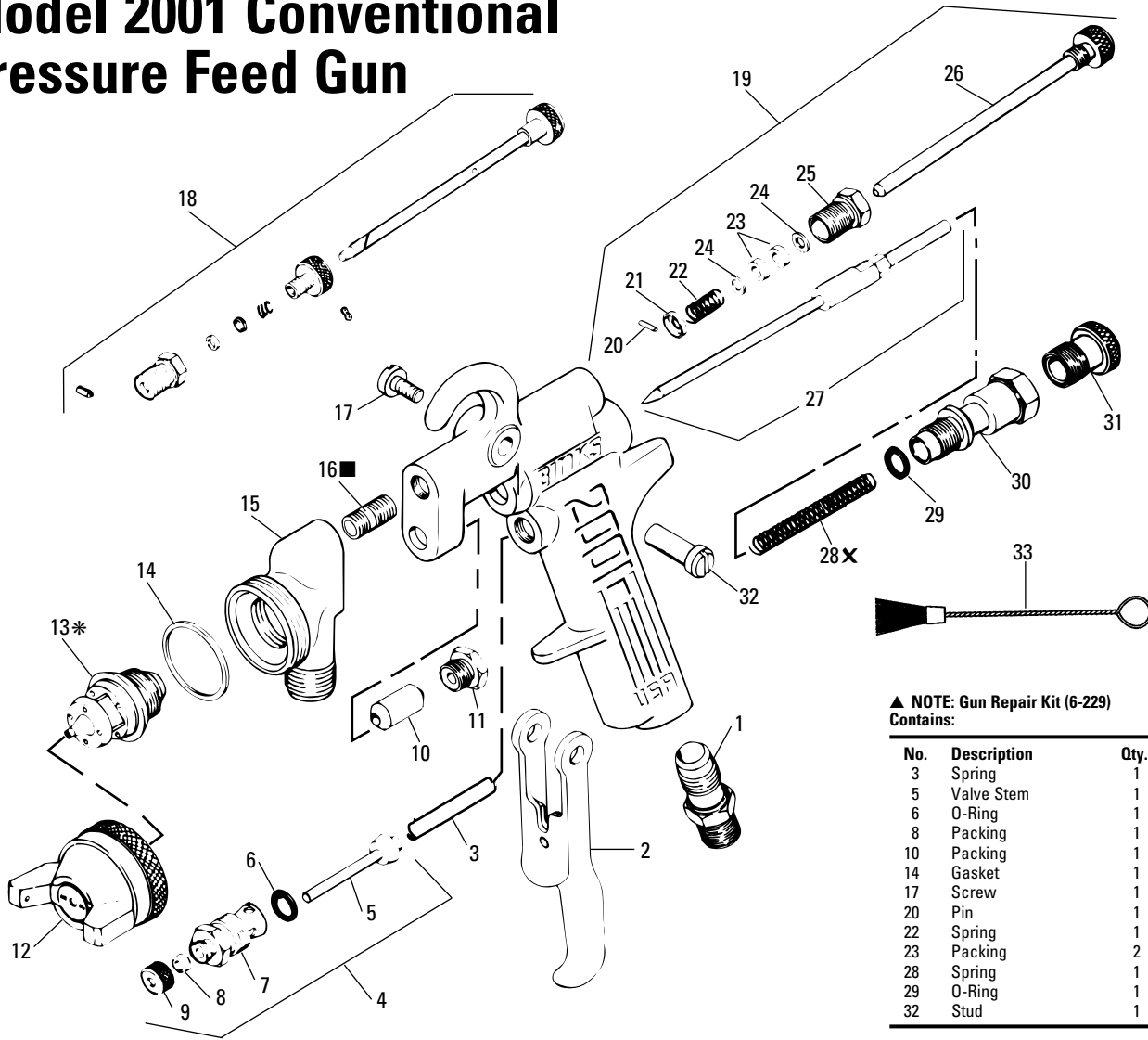
The model 2001 is compact, lightweight and well-balanced with a specially designed grip that allows for improved operator control and handling comfort.

Pressure feed is ideal for spaying large surfaces without having to stop often to refill a gravity or suction feed cup.

2001 Conventional Pressure Feed

Order No.	Fluid Tip (mm)	Applications
6211-2800-7 (63BSS x 63PB)	1.2	Base coat, clear coats, low VOC's, single stage, urethanes and fleet finishes
6211-4308-2 (66SS x 66SD-3)	1.8	Adhesives (solvent base, white vinyl glue, contact cements)

Model 2001 Conventional Pressure Feed Gun



▲ NOTE: Gun Repair Kit (6-229)
Contains:

No.	Description	Qty.
3	Spring	1
5	Valve Stem	1
6	O-Ring	1
8	Packing	1
10	Packing	1
14	Gasket	1
17	Screw	1
20	Pin	1
22	Spring	1
23	Packing	2
28	Spring	1
29	O-Ring	1
32	Stud	1

No.	Order No.	Description	Parts Required
1	54-768	Connection	1
2	54-1050	Trigger	1
3	▲	Spring	1
4	54-1236	Air Valve Assembly	1
5	▲	Valve Stem Assembly	1
6	▲	O-Ring	1
7	See 4	Valve Body	1
8	▲	Packing	1
9	82-135-5	Nut (Kit of 5)	1
10	54-764-5▲	Fluid Packing (Standard) (Kit of 5)	1
11	56-164	Nut	1
12	See Chart 1	Air Nozzle with Ring	1
13	See Chart 2	Fluid Nozzle	1
14	54-918-5▲	Gasket (Kit of 5)	1
15	54-3348	Head	1
16	54-710■	Screw	1
17	▲●	Screw	1
18	54-1780	Quick Change Side Port Control (Optional)	1
19	54-3347	Side Port Control	1
20	See 19▲	Pin	1
21	See 19	Washer	1
22	See 19▲	Spring	2
23	See 19▲	Packing	2
24	See 19	Washer	1
25	See 19	Body	1
26	See 19	Screw	1
27	See Chart 3	Needle Assembly	1
28	▲X	Spring	1
29	▲	O-Ring	1
30	54-1013	Body	1

No.	Order No.	Description	Parts Required
31	54-1007	Control Screw	1
32	▲●	Stud	1
33	82-221	Flat Brush (Optional)	1
	5-476	Fluid Nozzle Wrench (Optional) (Not Shown)	1

▲ Also available in Repair Kit 6-229. X 54-1372 Heavy Duty Spring (Optional).
■ 73-165 Allen Wrench for #16 (Optional).

Chart 1 – Air Nozzle & Ring

Air Nozzle & Ring	Order No.
66SD-3	46-6092
63P	46-6000
63PB	46-6002

Chart 2 – Fluid Nozzles

Fluid Nozzle	Order No.	I.D. Size In.	MM
62SS	45-6201	.025	0.6
63BSS	45-6321	.050	1.2
66SS	45-6601	.070	1.8

Chart 3 – Needle Assemblies

Needle No.	Order No.	For Fluid Nozzle
563A	47-56310	63BSS
565	47-56500	66SS

● Screw & Stud Kit (54-3919)		
No.	Description	Qty.
17	Screw	1
32	Stud	1



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GRAVITY FEED CUPS



GRAVITY FEED CUPS

- For use with M1-G, M1-G Clear and Cub SLG gravity feed spray guns
- Gun washer safe
- Constructed of lightweight aluminum
- Smooth surfaces for easy cleaning
- Includes disposable, push-on lid
- Order 54-4250 – 22 oz. aluminum cup
- Order 54-4450 – 34 oz. aluminum cup
- Order 54-4458 – 4 oz. aluminum cup



54-4250

54-4450



54-4458

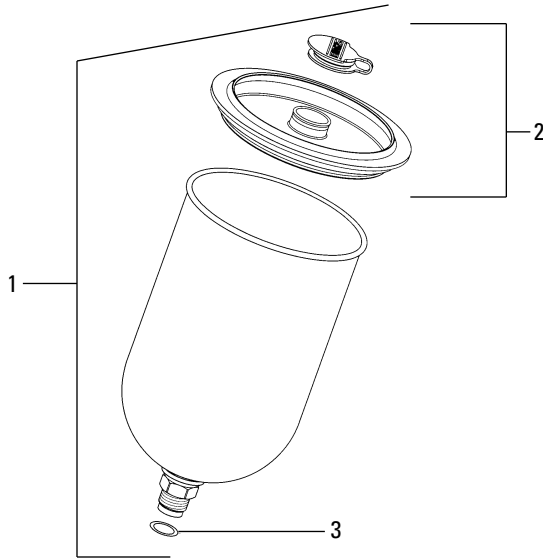
- **Disposable push-on lids**
Convenient, disposable push-on lids in packs of 3
- 54-4251 – for use with (54-4250) 22 oz. cup
- 54-4538 – for use with (54-4450) 34 oz. cup
- 54-4539 – for use with (54-4458) 4 oz. cup

Gravity Feed Cups

Order No.	Capacity	For use with
54-4250	22 oz. (3/4 liter)	M1-G and M1-G Clear
54-4450	34 oz. (1 liter)	M1-G and M1-G Clear
54-4458	4 oz.	Cub SLG

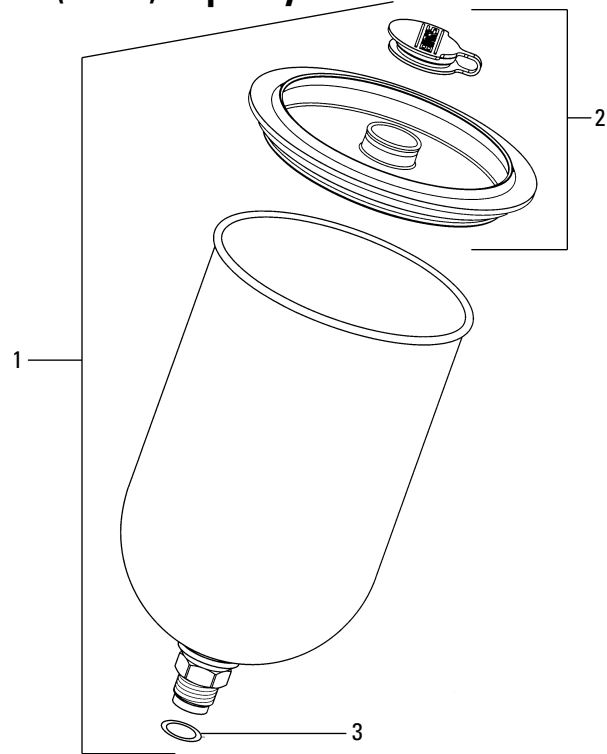
Models 54-4250, 54-4450, 54-4458 Gravity Feed Cups

Model 54-4250 .75 Liter (22 oz.) Capacity



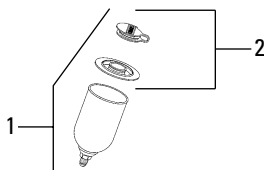
No.	Order No.	Description	Parts Required
1	54-4250	Gravity Feed Cup Assembly (.75 Liter, 22 oz.)	1
2	54-4251	.75 Liter Cup Lid Assembly (Kit of 3)	1
3	54-4375-5	Gasket (Kit of 5)	1

Model 54-4450 1 liter (34 oz.) Capacity



No.	Order No.	Description	Parts Required
1	54-4450	Gravity Feed Cup Assembly (1 Liter, 34 oz.)	1
2	54-4538	1 Liter Cup Lid Assembly (Kit of 3)	1
3	54-4375-5	Gasket (Kit of 5)	1

Model 54-4458 4 oz. capacity SLG



No.	Order No.	Description	Parts Required
1	54-4458	Gravity Feed Cup Assembly (4 oz.)	1
2	54-4539	4 Ounce Cup Lid Assembly (Kit of 3)	1



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ONE-QUART CUPS



82-545 & 82-555



80-272

NEW ONE QUART SUCTION FEED CUPS

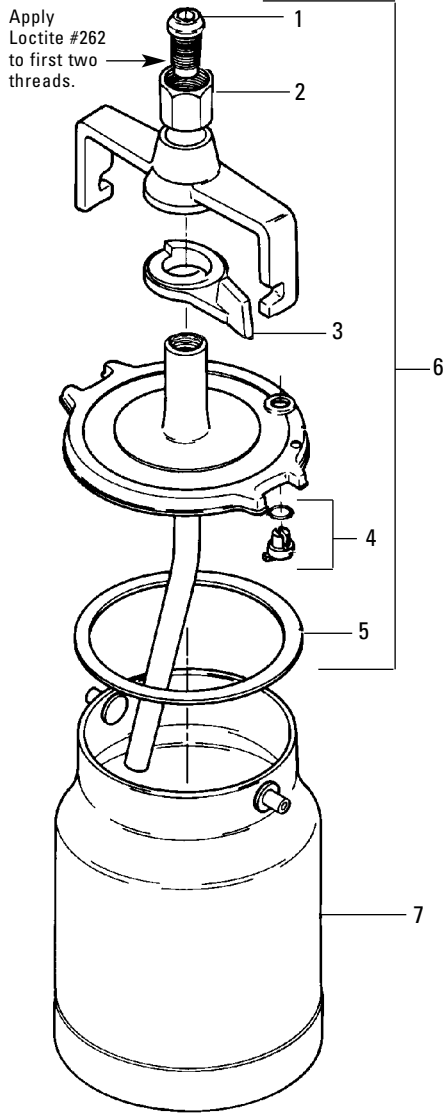
- **Improves productivity**
Patented, preferred “drip-free” design has two-position valve which allows operation as a “drip-free” or conventional suction cup.
“One-quart Plus” capacity – holds 37 ounces for fewer refills
- **Easy to clean**
Wide cup opening
Internal rivets are flush with inside of cup
Smooth lid
Smooth cup edge
Teflon® coated (82-555)
- **Durable**
Cup made of strong, hardened aluminum
Tri-Seal® lid gasket and flat cup edge for long, leak-free life
Fiberglass-reinforced composite cam lock for easy, positive tightening
Strong, stainless steel rivets do not bend when lid is tightened
- **Order 82-545** – Standard smooth aluminum surface for fast cleaning
- **Order 82-555** – Easy to clean Teflon® lining

PRESSURE ASSIST ONE-QUART CUP

- **One-quart capacity**
- **Utilizes low pressure air-bleed port on gun head to slightly pressurize cup**
- **Stainless steel construction**
- **Inline check valve** – Prevents cup from depressurizing and eliminates paint back-up
- **Use with Binks Mach 1 HVLP spray gun**
- **Order 80-272** – One-quart pressure-assist cup

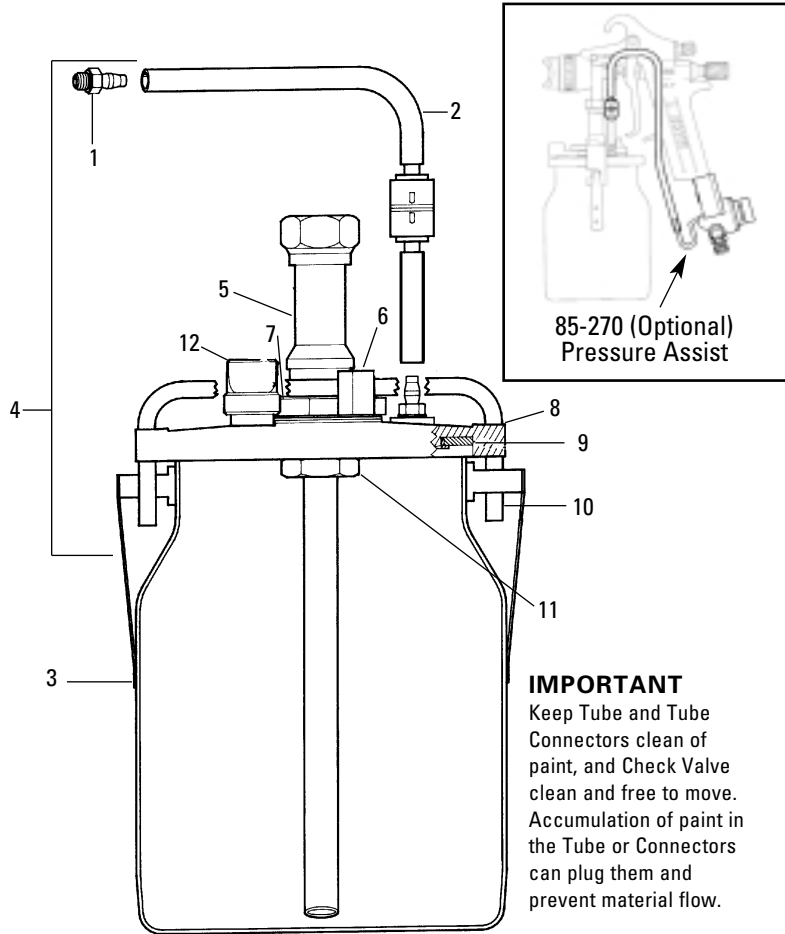
Suction Feed Cups

82-545, 82-555



Model 80-272 Pressure Assisted Cup

3/8 NPS Thread Swivel Nut For use only with Binks MACH 1 HVLP Spray Gun



IMPORTANT
Keep Tube and Tube Connectors clean of paint, and Check Valve clean and free to move. Accumulation of paint in the Tube or Connectors can plug them and prevent material flow.

No.	Order No.	Description	Parts Required
*1		Adapter, 1/2" NPS (M)	1
*2		Nut, 3/8" NPS (F)	1
*3		Cam	1
*4	TGC-407-1-K3	Drip Free Valve & Gasket (Kit of 3)	1
*5	TGC-9-K5	**Tri Seal® Lid Gasket (Kit of 5)	1
6	TGC-404	Lid Assembly (Quart)	1
7	82-428-2 82-418	Suction Cup Assy. (Quart) or Suction Cup Assy. (Teflon®, Quart)	1

No.	Order No.	Description	Parts Required
1	★ 54-4325	Connector	2
2	54-4322	Check Valve Assembly (Short) (3 Pack)	1
3	82-361	Cup	1
4	80-291	Cover Assembly	1
5	★ See 4	Center Post	1
6	★ See 4	Lever	1
7	★ 82-368-5	Washer	1
8	★ See 4	Cover	1
9	82-56	Gasket (Thiokol)	1
10	★ See 4	Yoke	1
11	★ See 4	Nut	1
12	★ 54-4324	Vent Knob	1

***NOTE: Repair Kit KK-5007**
Cup Repair Kit consists of:

Ref. No.	Description	Qty.
1	Adapter, 1/2" NPS (M)	1
2	Nut, 3/8" NPS (F)	1
3	Cam	1
4	Drip Free Valve & Gasket	1
5	**Tri-Seal® Lid Gasket	1

Suffixes: Suffix -K3 designates a kit of multiple parts. Example: TGC-407-1-K3 is a kit of 3 drip free valves.

**Registered Trademark of Tri-Seal International.

★ Part of 80-291 Cover Assembly, Item 4



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PRESSURE CUPS



Disposable liners



SG-2 PRESSURE CUP

- **Two-quart fluid capacity** – for completing large refinishing spray jobs without refilling
- **Wide base for greater stability**
- **More accurate fluid regulation at lower pressure** – 15 psi fluid regulator and gauge
- **Large wide-mouth opening** – allows for fast, easy cleaning
- **Stainless steel fluid pick-up tube and outlet fitting**
- **Four lid clamps** – for quick and easy access
- **“Silverstone” coating on lid, interior and exterior** – allows for fast, easy clean-up and protection from solvents
- **Comfort-shaped carrying handle**
- **Auxiliary handle hook for gun hanging**
- **Automatic safety valve**
- **Manual pressure relief valve**
- **Order 80-350** – SG-2 Pressure Cup
- **Disposable polyethylene liners** – keeps inside of cup clean for quick, efficient cleanup
80-356 – Pack of 12

“STEADI GRIP” PRESSURE CUP

- **Two-quart fluid capacity**
- **Constructed of lightweight aluminum**
- **Convenient carrying handle**
- **Screw-on lid**
- **Plated brass pick-up tube**
- **Order 80-228** – “Steady Grip” Pressure Cup

Model 80-350 Steadi-Grip "SG-2"

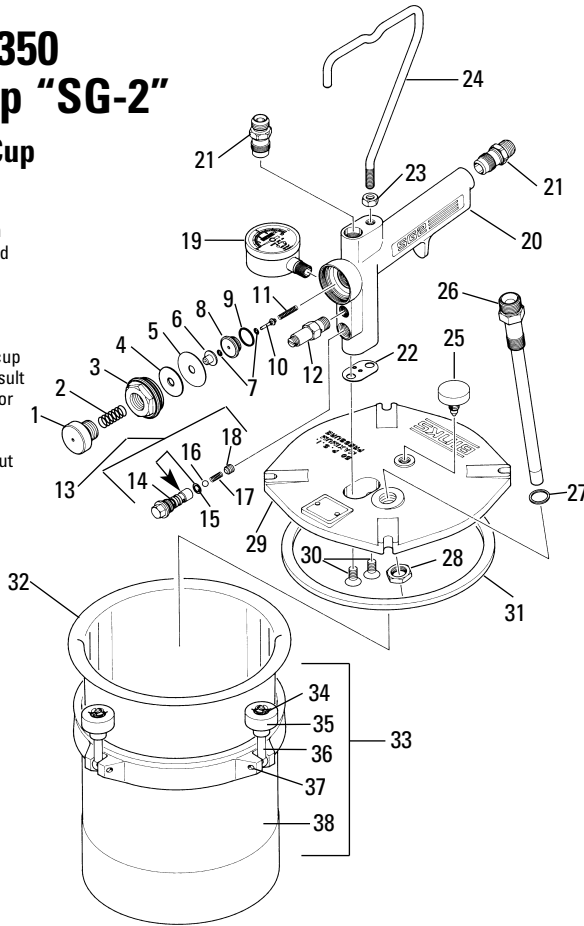
2 Qt. Pressure Cup

IMPORTANT

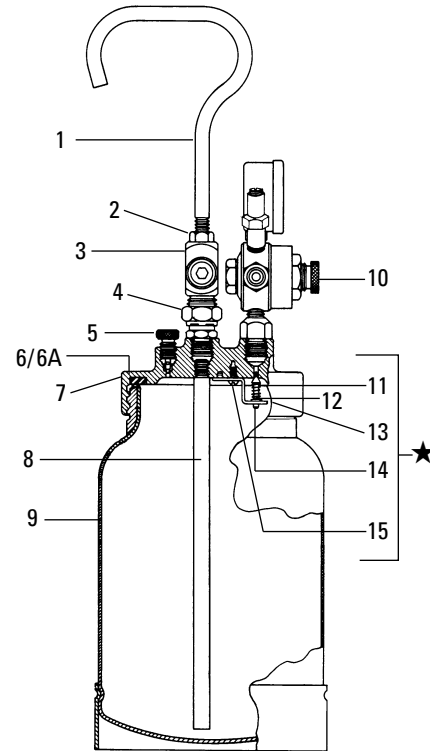
All air and fluid pressure in the system must be relieved before servicing the cup and before cup is filled or cleaned.

Attempting to service the cup while pressurized could result in damage to components or personal injury.

Do not exceed 50 PSIG input air pressure into the cup. Excessive pressure could damage components.



Model 80-228 Steadi-Grip Pressure Container (2 Qt.)



No.	Order No.	Description	Parts Required
1	85-46	Spring Cap	1
2	■	Spring	1
3	85-184	Cap	1
4	85-267	Washer	1
5	■	Diaphragm	1
6	85-262	Diaphragm Retainer	1
7	■	O-Ring 2-003 EPR	2
8	85-181	Seat	1
9	■	Seal	1
10	85-259	Valve	1
11	■	Spring	1
12	85-84 ■	Pop Valve (Set at 15 psig)	1
13	80-360 ■	Check Valve Assembly	1
14	▲	Check Valve Body	1
15	▲	O-Ring	1
16	▲	Ball 3/16 Dia.	1
17	▲	Check Valve Spring	1
18	▲	Set Screw 1/4-28 x 1/4 Headless Hex	1
19	85-260	Gauge (0-15 psig)	1
20	—	Steady-Grip Handle	1
21	54-768	Air Connection 1/4 nps (m)	2
22	■	Handle Gasket	1
23	Purchase Locally	Handle Nut, 1/4-20	1
24	80-364	Auxiliary Handle	1
25	80-372	Vent Knob	1
26	80-385	Fluid Tube Assembly	1
27	■	Fluid Tube Seal	1
28	■	Fluid Tube Nut, 1/2-20 Stainless Steel	1
29	c	Canister Lid (Standard)	1
30	20-6582	Screw 1/4-20 x 5/8 Flat Head Socket	2
31	80-392 ■	Lid Gasket (E.P.D.M.)	1
32	80-356 c	Disposable Can Liner Kit, 12 Pack	1
33	—	2 Qt. Canister Assembly	1
34	*	Retainer Ring	4
35	*	Knob	4
36	*	Swivel	4
37	*	Pin	4
38	—	Canister	1

Available Accessories		
Model No.	Description	Qty.
80-356 c	Canister Liner Quantity Pack of liners	12/pk
73-125	Air Controller (for atomizing air)	1

No.	Order No.	Description	Parts Required
1	83-1899	Handle	1
2	Purchase Locally	5/16-18 Hex Jam Nut	1
3	80-33	Fluid Outlet	1
4	—	Center Post Assembly	1
5	80-12	Relief Valve	1
6	80-11-5	Cover Gasket (Thiokol) (5 Pack)	1
6A	80-45	Cover Gasket (Leather) (Optional)	1
7	80-225	Container Cover	1
8	80-34	Fluid Tube (2 Qt.)	1
9	80-4	Cup (2 Qt.)	1
10	85-237	Regulator Assembly	1
11	★	Check Valve Spring	1
12	★	Check Valve Washer	1
13	★	Check Valve Bracket	1
14	★	Check Valve	1
15	★	6-32 x 1/4 Long Screw	1

★ Indicates parts are included in Check Valve Kit, 80-27.

n Indicates parts are included in Pressure Cup Repair Kit, 80-353.

▲ Indicates parts are included in 80-360 Assembly (13).

c Chlorinated solvents and aluminum are incompatible and will cause an adverse chemical reaction, possibly resulting in bodily injury. Use chlorinated solvents only when using plastic liner (80-356 Liner Kit).

* Indicates Parts are included in Knob Replacement Kit, 80-390.

m NOTE: Pressure Cup Repair Kit (80-353) Contains:

Ref. No.	Description	Qty.
2	Spring	1
5	Diaphragm	1
7	O-Ring 2-003 EPR	2
9	Seal	1
11	Spring	1
12	Pop Valve 15 psi	1
13	Check Valve Assembly	1
22	Handle Gasket	1
27	Fluid Tube Seal	1
31	Lid Gasket (E.P.D.M.)	1



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PT II™

A.S.M.E. CODE PRESSURE TANKS



83C-220



83C-221



- Economical and high-performance A.S.M.E. code tanks
- Built in accordance with A.S.M.E. standards
- Rugged and heavy-duty – shell, lid and wetted parts constructed of zinc-plated steel
- 2.7 gallon capacity
- Accepts U.S. and Canadian one-gallon shipping container – low profile tank design
- 83C-211 and 83C-221 utilize powerful air-driven motor to turn the agitator and provide continuous paint mixing
- Lid gasket is highly resistant to damage from solvents and chemicals – Santoprene® gasket (PT-33-1)
- Quick efficient cleanup – with polyethylene tank liners

Semi-rigid, made of tough, durable high-density polyethylene

“Anti-stat” additive minimizes static electricity buildup from the friction of shipping and handling (reference NFPA 77 standard)



Reduces chance of material contamination following color change

Quick color changes

Reduces solvent and disposal costs

Saves clean-up time

PT-78-K10 – Kit of 10

PT-78-K60 – Kit of 60

Specifications

Maximum Working Pressure	80 psi
Air Inlet	1/4" NPS (M)
Air Outlet	1/4" NPS (M)
Fluid Outlet	3/8" NPS (M)
Width (overall)	13-1/4"
Height (to top of handle)	20"

PT II™ A.S.M.E. CODE P ressure Tanks

Order No.	Regulation	3/4" H.P. Direct Drive Air-Driven Agitation Included	Package Shipping Weight
83C-210	Single*	No	25.5 lbs.
83C-220	Double	No	27 lbs.
83C-211	Single*	Yes	31 lbs.
83C-221	Double	Yes	32.5 lbs.

* To convert to double regulation, order PT-413 regulator kit

Important:

The A.S.M.E. code, as it relates to pressure vessels attached to spray gun nozzles, is primarily concerned with the use of flammable materials and also covers applications where a tank is used in an OSHA-regulated environment. To comply with OSHA regulations, if you are using a flammable material at greater than 15 PSI and your local fire department has adopted NFPA 33, you must use an A.S.M.E. code tank. Refer to NFPA 33, standard for spray application using flammable or combustible materials.

PT II™ A.S.M.E. Code Pressure Tanks

No.	Order No.	Model No.	Description	Parts Required
1	—	PT-423	Tank Assy. Kit (Includes #'s 1A, 19, 20, 21 & 22)	1
1A	—	—	Tank Shell	1
2	192070	PT-33-1	Lid Gasket, Santoprene	1
3	—	PT-425	Lid, Zinc Plated (Agitator)	1
4	190842	PT-418	Air Motor/Adapter Assy. (#'s 34, 47, 48, 49 & 50)	1
5	—	Purchase locally	Street Elbow 1/4" NPT (F) x 1/4" NPT (M)	1
6	240006	H-2008	Nipple 1/4" NPT (M) (83C- 210 & 220) Nipple 1/4"NPS (M) (83C- 211 & 221)	2 4
6A	—	Purchase locally	Nipple 1/4" x 2"	1
7	—	HA-57011	Hose Assy.	1
8	—	Purchase locally	Tee 1/4" NPT (M) x 1/4"NPT (F) x 1/4" NPT (F)	1
9	180005	HAV-500	Air Adjusting Valve 1/4" NPS (F) x 1/4" NPS (M)	1
10	190094	GA-333	Gauge (83C-210, 211) Gauge (83C-220, 221)	1 2
10A	—	Purchase locally	Pipe Plug 1/4" NPT(M) (83C-220, 221)	1
11	130052	HAR-502	Regulator (All regulated models)	1
11A	130010	HAR-505	Regulator (83C-220, 221)	1
12	190360	SSP-30-ZN	90° Swivel Adapter 1/4" NPS (F) 1/4" NPT (M)	1
13	—	Purchase locally	Cross 1/4" NPT (F)	1
14	—	TIA-5080	Safety Valve	1
15	190290	PT-32	Handle	1
16	—	Purchase locally	Hex Nut 3/8"-16	1
17	240000	AD-11	Nipple 3/8" NPT (M) x 3/8" NPT (M)	1
18	—	Purchase locally	Street Elbow 3/8" NPT (F) x 3/8" NPT (M)	1
*19	—	PT-79	Thumb Screw	4
*20	—	—	Yoke Assembly	4
*21	—	—	Cotter Pin, 3/32 x 1"	4
*22	—	—	Hinge Pin	4
23	190289	PT-31	Fluid Tube	1
24	—	PT-78-K10 or PT-78-K60	Tank Liner (Kit of 10) Tank Liner (Kit of 60)	1
25	—	PT-426	Lid, Zinc Plated	1
26	192131	SSP-462-ZN	Hex Nipple 1/4" NPT(M)	2
27	191869	SS-2705	Drain Valve	1
28	192106	KK-4139-3	Repair Kit	1
29	—	—	O-Ring	1
30	—	—	Spring	1
31	—	—	Disc Stem Assembly	1
32	—	—	Diaphragm Assembly	1
33	—	—	Spring	1
34	190301	PT-410	Air Motor Assembly	1
35	PT-65	—	End Cap	1
†36	—	—	End Cap Gasket	1
37	190313	PT-58	Bearing	2
38	—	Purchase locally	Screw (1/4"-28 x 1/2")	12
c39	—	—	Front Plate	1
†40	—	PT-59-1-K10	End Plate Spacer Kit	2
41	190873	QS-189-1-K10	Dowel Pin (Kit of 10)	4
c42	—	—	Body	1
†43	—	—	Vane	4
44	—	—	Rotor Assembly	1
c45	—	—	End Plate	1
46	190311	PT-56	Shaft Seal	1
47	190306	PT-50	Air Motor Adapter	1
48	—	Purchase locally	Set Screw (1/4"-20 x 1/4")	4
49	1902921	KK-5041	Seal Assembly	1
50	—	QMG-45-1	Shaft Coupling Kit (Includes #48)	1
51	190354	SSG-8096-K5	"O" Ring (Kit of 5)	1
52	190934	PT-70	Adapter Nut	1
53	191778	QMG-56	Shaft	1
54	190959	QMS-448	Propeller Assy. (Also available: QMS-79)	1
55	—	—	Propeller	1
55A	—	Purchase locally	Set Screw (1/4"-20 x 3/8" S.S.)	1
56	490-108	350-401	Muffler Assembly	1
57	See 56	—	Body	1
58	See 56	—	Screen	2
†59	See 56	—	Felt	1
60	See 56	—	Cap	1
61	—	PT-428	Agitator Shaft Kit (OPTIONAL-order separately)	1

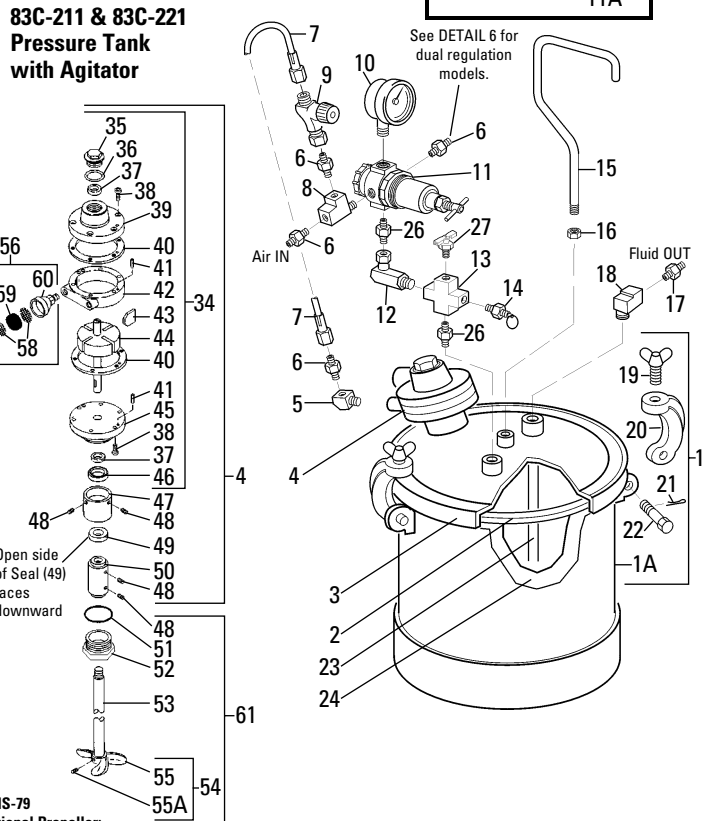
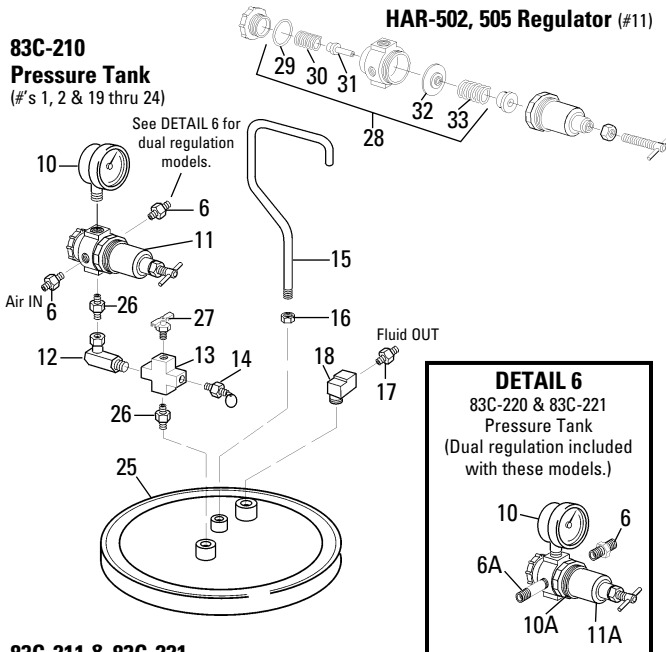
* Parts included in KK-5057 Kit (1 ea. of #'s 19, 20, 21 & 22).

c Parts included in PT-410 Air Motor Assembly.

† Parts included in KK-5001-1 Air Motor Repair Kit.

◇ Parts included in KK-5006 Strainer Screen & Felt Kit (2 ea. of #58, 4 ea. of #59).

Suffixes: -K designates kits of multiple parts. Example: SSG-8096-K5 is a kit of 5 O-Rings.



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9.8 GALLON

A.S.M.E. CODE PRESSURE TANK



- Built in accordance with ASME standards
- Galvanized steel
- 9.8 gallon capacity
- Accepts U.S. and Canadian five-gallon shipping container
- Easy to service and clean – lid disassembles easily, no special tools required
- Quick efficient cleanup – with polyethylene tank liners

Semi-rigid, made of tough, durable high-density polyethylene

“Anti-stat” additive minimizes static electricity buildup from the friction of shipping and handling (reference NFPA 77 standard)



Reduces chance of material contamination following color change

Quick color changes

Reduces solvent and disposal costs

Saves clean-up time

PTL-408-K20 – Pack of 20

- Gasket is highly resistant to damage from solvents and chemicals – Santoprene® gasket (QM-1458-1)
- Improved quick and easy agitator mounting
- Order agitator separately – (order both parts)

QMG-418 – Agitator Assembly

QS-5012 – Air Motor Drive

Specifications

Maximum Working Pressure	110 psi
Air Inlet	1/4" NPS (M)
Air Outlet	1/4" NPS (M)
Fluid Outlet	3/8" NPS (M)
Width (overall)	18-1/2"
Height	31-3/4"

83G Model

Order No.	Regulation	3/4" H.P. Direct Drive Air Driven Agitation Included	Package Shipping Weight
83G-520	Double	No	50 lbs.

Note: Air Regulator(s) and gauge(s) are shipped inside the tank to prevent damage in shipping.

Important:

The A.S.M.E. code, as it relates to pressure vessels attached to spray gun nozzles, is primarily concerned with the use of flammable materials and also covers applications where a tank is used in an OSHA-regulated environment. To comply with OSHA regulations, if you are using a flammable material at greater than 15 PSI and your local fire department has adopted NFPA 33, you must use an A.S.M.E. code tank. Refer to NFPA 33, standard for spray application using flammable or combustible materials.

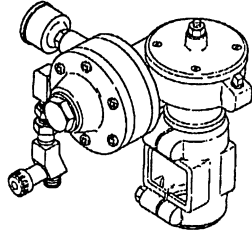
83G A.S.M.E. Code Pressure Tanks

QS-5012

Agitator Drive

(Not included with QMG-418)

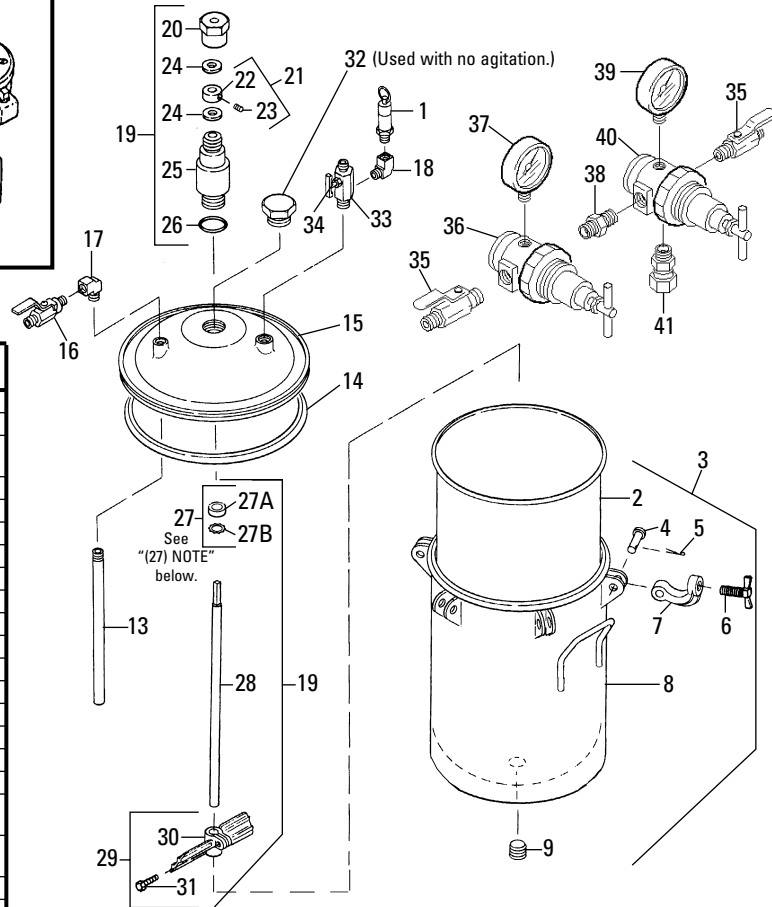
Standard duty 1/4 hp agitator drive with 15:1 gear reduction. Operates from 20 to 120 rpm. Mounted on agitator shaft. Includes air adjusting valve, fittings and hose for connection to air supply on tank lid. For further information, see SBBI-19-087.



83G-520

Pressure Tank

(9.8 Gallon Galvanized Steel)



No.	Order No.	Model No.	Description	Parts Required
1	191911	TIA-5110	Same	1
2	—	PTL-408-K20	Disposable Tank Liner	1
3	—	—	Tank Assembly (includes #'s 4 through 9)	1
*4	—	—	Clevis Pin	6
*5	—	Purchase Locally	Cotter Pin (1/8 dia x 1 in. lg.)	6
*6	—	—	Thumb Screw	6
*7	—	—	Clamp	6
8	—	—	Tank	1
9	—	—	Plug	1
10	—	Not Used	—	—
11	—	Not Used	—	—
12	—	Not Used	—	—
13	191756	QMG-32	Fluid Tube (3/8"-18 NPT)	1
14	192068	QM-1458-1	Lid Gasket, Santoprene	1
15	—	—	Tank Lid	1
16	240038	VA-540	Ball Valve	1
17	—	Purchase Locally	Street Elbow (3/8"-18 NPT)	1
18	—	Purchase Locally	Street Elbow (1/4"-18 NPT Brass)	1
19	180053	QMG-418	Agitator Assembly (includes #'s 20 through 31)	1
20	191814	QMS-46	Retaining Nut	1
21	191809	QMS-447	Thrust Collar Kit (includes #'s 22 and 23)	1
22	—	—	Thrust Collar	1
23	—	Purchase Locally	Setscrew (5/16-18 x 3/8)	1
24	192010	KK-5049	Thrust Washer Kit (includes 2 washers)	1
25	191760	QMG-409	Bearing Assembly	1
26	191882	SSG-8184-K2	O-Ring (Kit of 2)	1
27	190747	KK-5042	Shaft Seal Kit	2
27A	—	—	Shaft Seal	1
27B	—	—	Retainer	1
28	191752	QMG-28	Agitator Shaft (5/8" Dia.)	1
29	191806	QMS-444	Agitator Paddle Kit (includes #'s 30 and 31), Nylon	1
30	—	—	Agitator Paddle	1
31	—	Purchase Locally	Hex Socket Head Cap Screw (5/16-18 x 1-1/4, s.s.)	1
32	191748	QMG-19	Plug	1
33	191749	QMG-21	Air Manifold	1
34	191869	SS-2705	Drain Valve	1
35	240039	VA-542	Valve	2
36	130010	HAR-505	Regulator	1
37	190094	GA-333	Gauge, 100 lbs.	1
38	192131	SSP-462-ZN	Nipple	1
39	190564	GA-288	Gauge, 160 lbs.	1
40	130052	HAR-502	Regulator (Painted)	1
41	190960	SSP-8217-ZN	Swivel Adapter	1

* Parts included in KK-5014 Clamp, Pin & Screw Kit (1 ea. of #'s 4, 5, 6 & 7).

Suffixes: -K designates kits of multiple parts. Example: SSG-8184-K2 is a kit of 2 O-Rings.

(27) NOTE:

Open side of Shaft Seal (27A) faces downward.

Retainer (27B) is only required in tank if tank is used for VACUUM operation. Not necessary to replace if tank is used for pressure only.

Air/Fluid Connections NOTE:

Use a Teflon-based sealant on all air/fluid connections.



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RESPIRATORS



MILLENNIUM 3000

- **Metal yoke reinforced silicone** – extremely comfortable, strong and durable, easy to clean, non-deteriorating for long life
- **Screw-in cartridge and gasket** – tight and positive sealing

40-141 Small respirator – Black yoke

40-128 Medium respirator – Silver yoke

40-143 Large respirator – Gold yoke

40-1921-10 Organic cartridge – 10 Packages of 2

40-1924-10 Pre-filters, oil resistant – 10 Packages of 10

40-1925 Covers, oil resistant – Use with 40-1924 pre-filters. Pack of 2

40-1928 Tune-up Kit includes:

- Cradle headband, right and left neckstraps
- 2 inhalation valves, 2 cartridge gaskets
- Exhalation valve, exhalation valve cover

MILLENNIUM 2000

- **Lightweight comfort** – Constructed of soft, pliable combination of rubber and plastic
- **AnthroCurve™** – Equal pressure around face seal virtually customizes fit
- **Ease of use and low maintenance** – Designed with only four components: facepiece, yoke, breathing valve and harness

40-1929 – Small

40-1930 – Medium

40-1931 – Large

40-1932-10 Organic Cartridge – 10 Packages of 2

40-1935-10 Pre-filters, oil resistant – 10 Packages of 10

40-1936 Cover – Use with 40-1935 pre-filters. Pack of 2

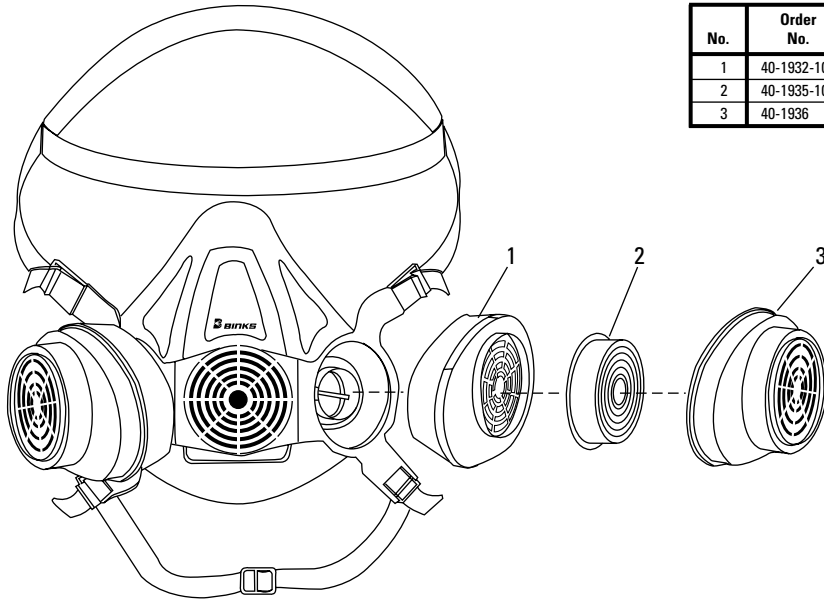
40-1939 Tune-up Kit includes:

- Cradle headband, neckstrap
- 2 inhalation valves
- Exhalation valve



Millennium 2000 & 3000 Respirators

Millennium 2000 Models 40-1929, 40-1930, 40-1931

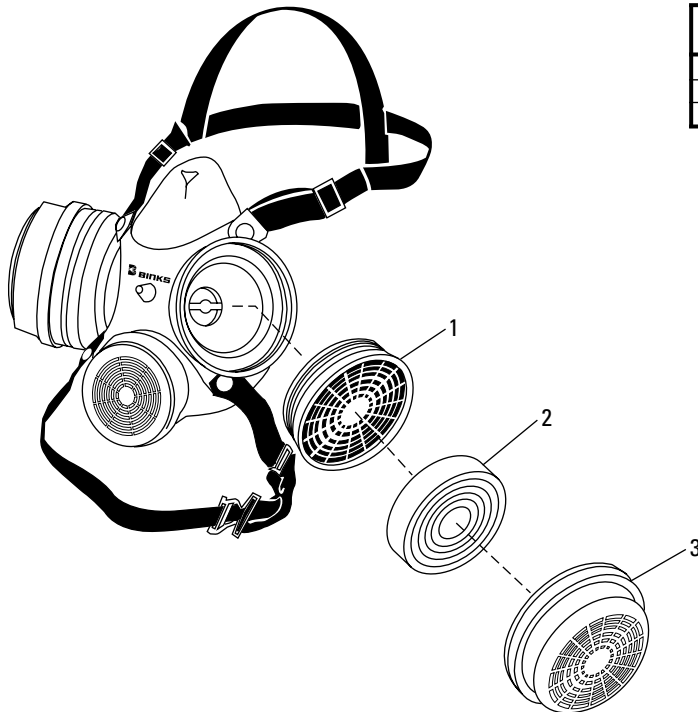


No.	Order No.	Description	Parts Required
1	40-1932-10	Cartridge (2/Card, Kit of 10 Cards)	2
2	40-1935-10	Pre-filter (10/Card, Kit of 10 Cards)	2
3	40-1936	Cover (Kit of 2)	2

Also available: Tune-up Kit 40-1939
Consisting of:

Description	Qty.
Cradle Headband	1
Neckstrap	1
Inhalation Valve	2
Exhalation Valve	1

Millennium 3000 Models 40-141, 40-128, 40-143



No.	Order No.	Description	Parts Required
1	40-1921-10	Cartridge (2/Card, Kit of 10 Cards)	2
2	50-1924-10	Pre-filter (10/Card, Kit of 10 Cards)	2
3	40-1925	Cover (Kit of 2)	2

Also available: Tune-up Kit 40-1928
Consisting of:

Description	Qty.
Cradle Headband	1
Neckstrap – right	1
Neckstrap – left	1
Inhalation Valve	2
Cartridge Gasket	2
Exhalation Valve	1
Exhalation Valve Cover	1



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AIR CONTROL REGULATORS & GAUGES



73-157



73-125

AIR ADJUSTING VALVES 73-157 73-125 with gauge

- Fits any professional spray gun
- Lightweight design is comfortable for use by right - or left - handed painters
- Available with or without pressure gauge
- Provides finer air control at the gun, enhancing color matching capability
- Swivel top allows for easy and fast installation
- All Binks compliant HVLP guns require the use of the 73-125



85-200



73-134

AIR REGULATOR 73-134

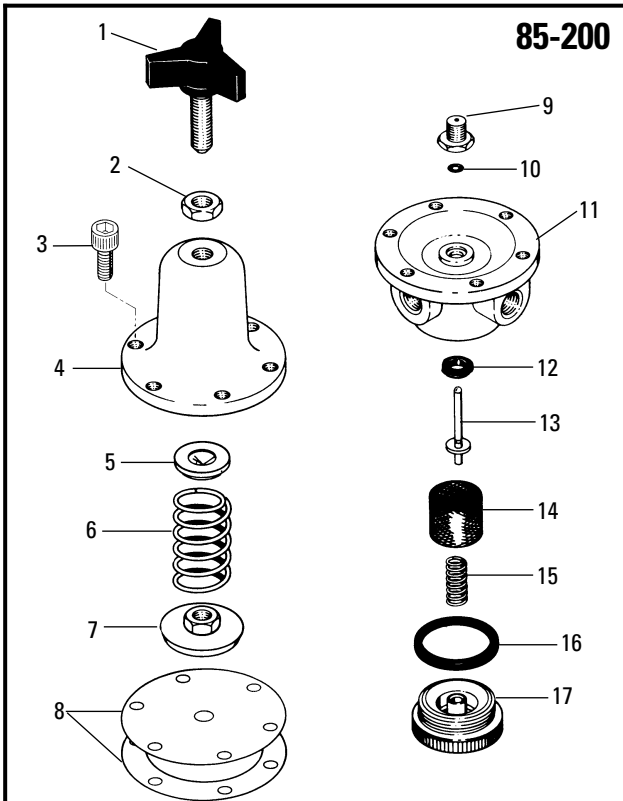
- Diaphragm-relieving – for consistent pressure
- Eliminates surge of air when first triggering gun
- Fits any professional spray gun
- Lightweight design is comfortable for use by right - or left - handed painters
- Precise air control at the gun for better color match capability

AIR REGULATOR 85-200

- General purpose regulator for painting and air tool operation
- Requires separate trap or filter in air line to remove moisture and dirt
- Three regulated outlets
- 83-1290 – 150# Air gauge, optional accessory (Order separately)

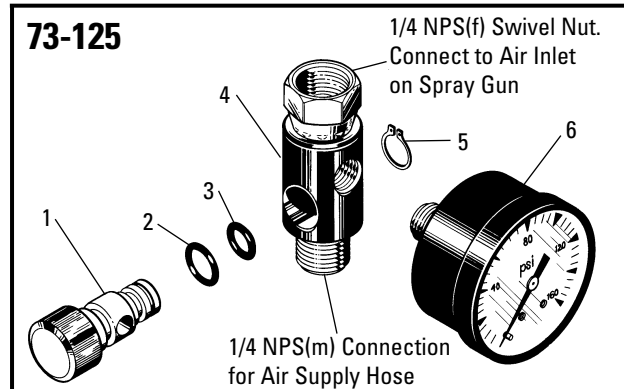
Order No.	Maximum Inlet Pressure/psi	Maximum Reg Pressure psi	Maximum Operating Temp °F	Air Inlet	Air Outlet
73-134	175	100	150	1/4" NPS(M)	1/4"NPS(F) (Swivel)
73-157	175	–	180	1/4" NPS(M)	1/4"NPS(F) (Swivel)
73-125 with gauge	160	0-160 (Gauge Range)	180	1/4" NPS(M)	1/4"NPS(F) (Swivel)
85-200	200	150	180	3/8" NPT(F)	Three 1/4"NPT(F)

Air Regulators and Adjusting Valves

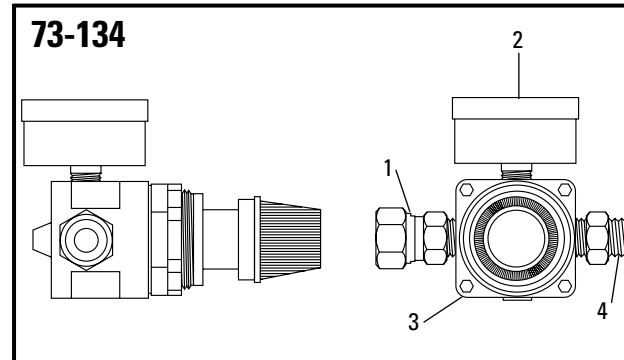


No.	Order No.	Description	Parts Required
1	—	Knob	1
2	Purchase Locally	Nut, 3/8-16 Jam	1
3	Purchase Locally	Soc. Hd. Screw, 1/4-20 x 1/2 in. long	6
4	Purchase Locally	Bonnet	1
5	—	Button	1
6	—	Spring	1
7	—	Disc	1
8	c	Diaphragm with Gasket	1
9	—	Valve	1
10	c	"O-Ring", 1/8 I.D. x 1/4 O.D.	1
11	—	Body (85-200)	1
12	c	Seat	1
13	—	Valve	1
14	c	Screen	1
15	c	Spring	1
16	c	Seal, 1-1/4 I.D. x 1-7/16 O.D.	1
17	—	Cap	1

c Indicates Parts are available as part of Repair Kit 85-198 (1 ea. of #8, 10, 12, 14, 15, 16)



No.	Order No.	Description	Parts Required
1	—	Stem	1
2	—	O-Ring 5/16" x 7/16"	1
3	—	O-Ring 1/4" x 3/8"	1
4	—	Body Assembly	1
5	—	Retainer	1
6	GA-338	Gauge, 160 PSI	1



No.	Order No.	Description	Qty.
1	—	SW Adapter 1/4"	1
2	—	Gauge (60 lbs.)	1
3	—	Regulator	1
4	57-13	D.M. Nipple	1



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HOSE & FITTINGS



■ Smooth Cover Spray & Air Tool Hose

Can be used for all kinds of air-operated equipment. Smooth red cover, synthetic rubber compound tube with high tensile strength braid. Hose offers superior resistance to oil, weathering, ozone and abrasion. Can be used with reusable or permanent crimp connections. **Temperature range -20° – 180°**

■ FluidAll™ Nylon Lined Fluid Hose

Ideal for use with a wide range of materials such as resins and solvents contained in latices, epoxies, urethanes, alkyds, primers, acrylics, ketone, MEK, acetone, polyesters, silicones, bitumastic coatings, oil and water-based paints, lacquers, latex coatings, toluene, turpentine, naptha, and many other solvents. Tube is nylon; cover is black neoprene rubber; high tensile rayon braid. Can be used with permanent crimp or reusable connections. **Temperature range 0° – 190°**

BULK HOSE

Type of Hose	Size I.D.	Size O.D.	Bulk Hose Order No.	Max. Working Pressure (psi)	Approx. Feet per Reel
Air	5/16"	5/8"	71-131	250	500
Air	3/8"	11/16"	71-132	250	500
Fluid	1/4"	1/2"	71-280	500	500
Fluid	3/8"	11/16"	71-282	500	500

ASSEMBLIES AND CONNECTIONS

Size I.D.	Hose Assembly Order No.	Length of Hose	Bulk Hose No.	Connection Thread Size	Type of Connection	Connection Nut & Nipple
AIR HOSE						
1/4"	71-1101	5 ft.	71-130	1/4" NPS(F)	three-piece reusable	72-1303
5/16"	71-1201	5 ft.	71-131	1/4" NPS(F)	three-piece reusable	P-HC-4527
5/16"	71-1205	25 ft.	71-131	1/4" NPS(F)	three-piece reusable	72-1317
5/16"	71-1206	50 ft.	71-131	1/4" NPS(F)	three-piece reusable	72-1317
3/8"	71-1355	25 ft.	71-132	1/4" NPS(F)	three-piece reusable	P-HC-4528
3/8"	71-1356	50 ft.	71-132	1/4" NPS(F)	three-piece reusable	P-HC-4528
FLUID HOSE						
1/4"	71-3380	5 ft.	71-280	3/8" NPS(F)	three-piece reusable	P-HC-4523
1/4"	71-3383	25 ft.	71-280	3/8" NPS(F)	three-piece reusable	P-HC-4523
1/4"	71-3384	50 ft.	71-280	3/8" NPS(F)	three-piece reusable	P-HC-4523
1/4"	71-3390	35 ft.	71-280	3/8" NPS(F)	three-piece reusable	P-HC-4523
3/8"	71-3303	25 ft.	71-282	3/8" NPS(F)	three-piece reusable	72-1328
3/8"	71-3304	50 ft.	71-282	3/8" NPS(F)	three-piece reusable	72-1328

Hoses

A Properly Piped Shop Of Prime Importance for a Premium Finish.

The bottom line in finishing is a quality paint job. Though on the surface it may not seem a significant factor in your being able to turn out a quality paint job, the plumbing of your shop's air lines is very important. Correct installation is necessary for the proper performance of your equipment – for an uncontaminated air supply and for sufficient pressure to your spray gun.

Correct airline piping is so important that this one factor alone can reduce contaminants in your air supply up to 75%*. Reducing contaminants to the filter also reduces the frequency of filter replacement, maintenance, and of course, reduces the risk of contaminants to the paint supply.

Even the size of the pipe is critical. Did you ever have only 60 or 70 pounds of pressure at your spray gun when your compressor should deliver 100 pounds? Using pipe that is too small in diameter can cause this pressure drop.

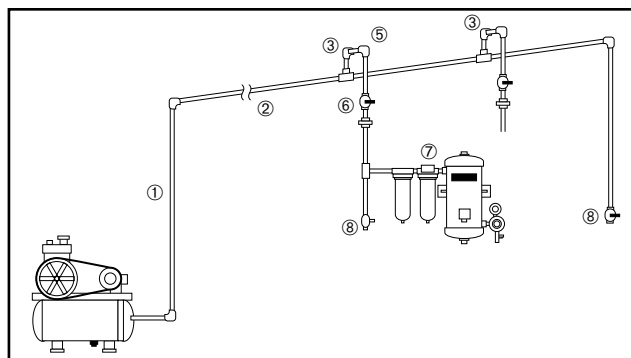
For example, if an air compressor delivers 100 psi through a 100 ft. pipe, 1/2" in diameter, there's greater pressure drop than if a 3/4" diameter pipe were used.

The following chart will help reduce pipe pressure drop.

Minimum Pipe Size Recommendations

Compressor Size Capacity	Compressor Air Line	Main Diameter	Min. Pipe
1 1/2 & 2 HP	6 to 9 CFM	Over 50 ft.	3/4"
3 & 5 HP	12 to 20 CFM	Up to 200 ft.	3/4"
		Over 200 ft.	1"
5 to 10 HP	20 to 40 CFM	Up to 100 ft.	3/4"
		100 to 200 ft.	1"
		Over 200 ft.	1 1/4"
10 to 15 HP	40 to 60 CFM	Up to 100 ft.	1"
		100 to 200 ft.	1 1/4"
		Over 200 ft.	1 1/2"

*Under no circumstances are we advising that correct air line piping reduces contaminants so much that you do not need a filtering system. A point-of-use filter is still strongly recommended.



Body Shop Air Line Plumbing Guide:

1. After leaving the air compressor, air line pipe goes straight up the shop wall as high as possible. This helps prevent any water from leaving the compressor and traveling through the pipe.
2. Horizontal pipes should slope back towards the compressor at least 4" per 50 ft. As warm air leaves the compressor, it cools and thereby condenses as it travels through the pipe. This water vapor, a problem in itself, also can cause scaling and rust inside the piping. The backward sloping of the pipe helps push these contaminants toward the compressor drain.
3. Take-off comes from the top of the main air supply line at each air drop. This reduces the risk of water and other contaminants from traveling down the drop into the water separator.
4. Pipe diameter must be of sufficient size for the volume of air being passed as well as the length of pipe used. This will minimize pressure drop.
5. First air drop should be at least 25 ft. from the compressor although 50 ft. is optimum. This allows the compressed air to cool to room temperature so any condensation can occur before it gets to the water separator.
6. Shut-off valve is installed before the point-of-use filter. This allows air to be shut off for the filter maintenance.
7. Point-of-use filter (not shown) attaches to spray gun and is strongly recommended for eliminating any remaining contaminants.
8. Drain Valves – The daily draining of the system at each outlet disposes of the contaminants that build up in the air supply.
9. Drain the compressor trap daily if equipped with a manual drain.

Proper maintenance of the air compressor can reduce airborne contaminants such as particules and oils, and reduce heat and operating cost. Check air filters, oil level and perform regular maintenance per operating manuals.

Guidelines to Piping Your Shop

- Pipe slopes upward – recommended 4" rise in 50 ft.
- Minimum 25 ft. to first outlet (50 ft. optimum)
- Pipe size (see chart)
- Shut off valve before filter
- Drain daily



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ACCESSORIES



GRAVITY SPRAY GUN HOLDERS

- 54-4350** – Mixing Bench Gun Holder
- GFG-6** – Wall Mount Bracket (Not shown)



54-3918



54-4130

GUN WRENCHES

- 54-3918** – For use with M1-G, M1-G Clear and Mach 1 HVLP spray guns
- 54-4130** – For use with Cub SLG HVLP spray guns
- 73-165** – For use with #7 Gun spray head (Not shown)
- 5-476** – For use with 2001 (Not shown)



81-82/81-83/81-84



149-278

PAINT STRAINERS

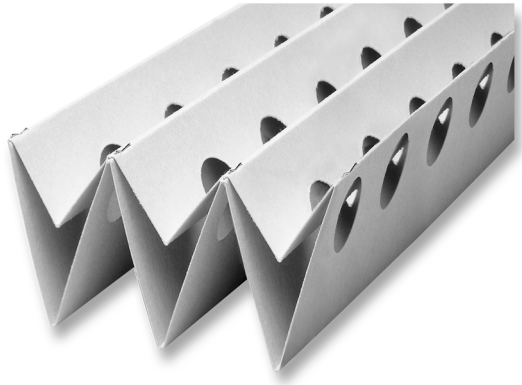
Long lasting and reusable. The stainless steel screen and plastic body shed paint without sticking. It eliminates the messiness of accumulated used filters. Fits all spray gun cups. Gun washer safe. Available in three mesh sizes.

- **81-82** – Mesh: 145 (Fine) Color code: White
- **81-83** – Mesh: 100 (Medium) Color code: Blue
- **81-84** – Mesh: 80 (Coarse) Color code: Red

149-278 – 50-Mesh screen – Pack of 12

- Simple attachment and removal
- Fits all siphon cups and pressure cups up to 7/16" tube size
- Solvent-resistant sealing gasket
- Easily cleaned
- Gun washer safe

ACCESSORIES



AF FILTERS™ EXHAUST AIR FILTER

- High hold capacity system for all dry spray booths
- Unique pleated construction – forces paint-laden air to change directions four times in its passage through the system
- Durable – outlasts other dry filters three to five times
- AFTL Certified
- **Order 29-356** – 3' x 30' filters – Pack of 3 (May be sold separately as 29-359)



FLAME RETARDANT BOOTH PAPER

- Flame retardant
- Highly absorbent
- High wet strength paper – suitable as a protective floor, wall and equipment cover
- Recommended for heavy traffic spray areas
- **Order 29-836** – 60" x 300' roll



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ACCESSORIES



MODEL 140B

Extension gun for spraying solvents to clean engines and other automotive equipment.

- Ten-inch nozzle/tube length
- Flexible tubing with hose clamp for siphoning solvent from floor container
- 14 cfm at 50 psi
- Order 6530-0000-1 – Extension gun



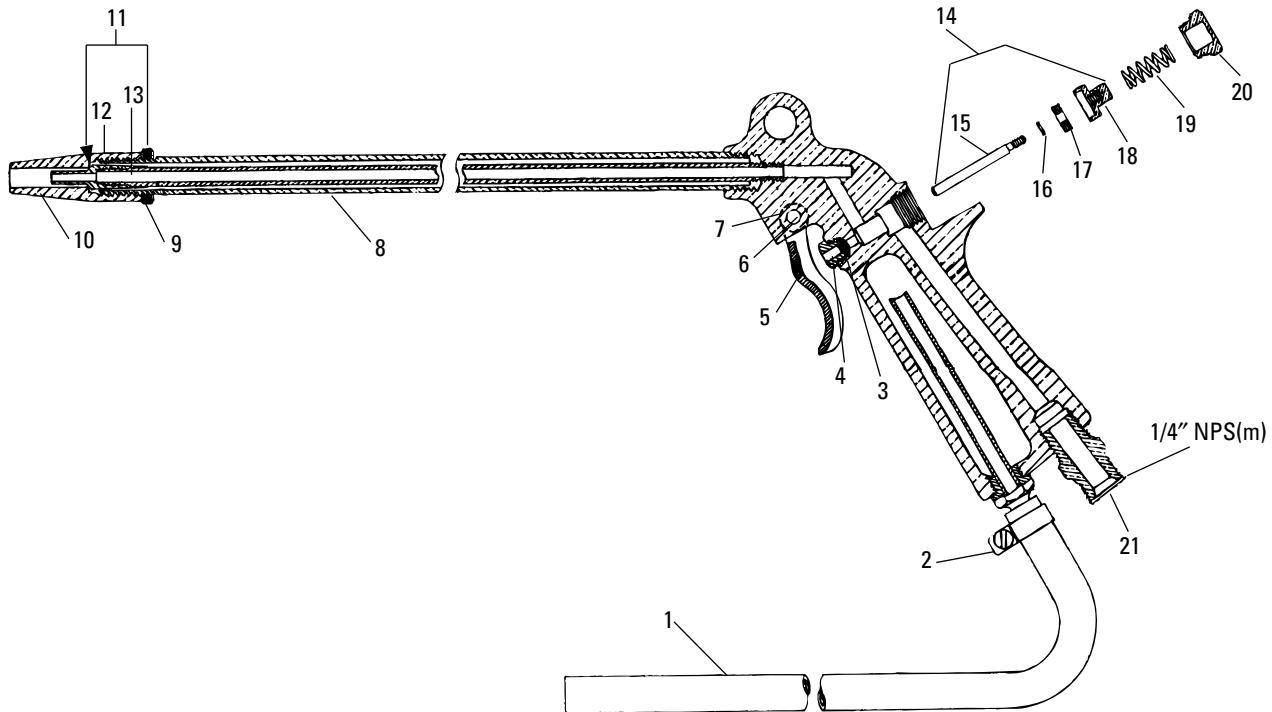
GUNNERS MATE

All-purpose spray gun lubricant. Contains no silicone or petroleum distillates.

- 6-429 – Two-ounce bottles – Case of 20 (May be sold separately as 6-428)

Model 140-B Engine/Part Cleaning Gun

Extension gun for spraying solvents
to clean engines and parts



No.	Order No.	Description	Parts Required
1	—	Air Hose (1/4 in. I.D.) (Purchase Locally)	1
2	—	Hose Clamp for 1/2 in. O.D. Hose (Purchase Locally)	1
3	▲	Packing	2
4	▲	Packing Nut	1
5	c	Trigger	1
6	c	Trigger Shaft	1
7	c	E-clip	2
8	57-93	Outside Tube	1
9	Δ*	Nozzle Lock Nut	1
10	Δ*	Outside Nozzle	1
11	57-101	Air Tube Assembly	1
12	See 11	Nozzle	
13	See 11	Tube	
14	▲	Air Valve Assembly	1
15	See 14	Stem	
16	See 14	Washer	
17	See 14	Valve Disc Retainer	
18	See 14	Valve Disc	
19	▲	Air Valve Spring	1
20	▲	Air Valve Cap	1
21	57-13	Air Connection	1

Δ Note: To adjust fluid flow, loosen Nozzle Lock Nut (#9), and turn Outside Nozzle (#10)

▲ Note: Air Valve Repair Kit (57-300)
Contains:

No.	Description	Qty.
3	Packing	1
4	Packing Nut	1
14	Air Valve Assembly	1
19	Air Valve Spring	1
20	Air Valve Cap	1

*Note: Nozzle Kit (57-301) Contains:

No.	Description	Qty.
9	Nozzle Lock Nut	1
10	Outside Nozzle	1

cNote: Trigger Kit (57-302) Contains:

No.	Description	Qty.
5	Trigger	1
6	Trigger Shaft	1
7	E-clip	2



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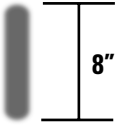
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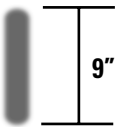
AIR CAPS

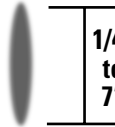


HVLP – Gravity Feed Spray Guns: M1-G, M1-G CLEAR, CUB SLG

93P
M1-G

Base coats, clear coats, single stages, waterbornes
 18 psi inlet delivers
 10 psi air cap pressure and
 10 cfm air volume required
 Gravity Tip: 1.4mm (94)
 Order No. **46-9300**

96G
M1-G Clear

Base coats, high solids clear coats, single stages, waterbornes
 43 psi inlet delivers
 10 psi air cap pressure and
 19 cfm air volume required
 Gravity Tip: 1.4mm (94GS)
 Order No. **46-6882**

96G
M1-G Clear

Base coats, low solids clear coats, single stages, waterbornes
 43 psi inlet delivers
 10 psi air cap pressure and
 19 cfm air volume required
 Gravity Tip: 1.2mm (92GS)
 Order No. **46-6882**


2S
CUB SLG

Base coats, clear coats, sealers and low VOC's
 50 psi inlet delivers
 10 psi air cap pressure and
 11 cfm air volume required
 Gravity Tip: 1.0mm (40T)
 Order No. **46-9900**


HVLP – Pressure Feed Spray Gun: MACH 1


97AP
Mach 1

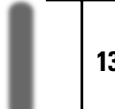
Base coats, clear coats, low VOC's single stages, urethanes, and fleet finishes
 50 psi inlet delivers
 10 psi air cap pressure and
 22.5 cfm air volume required
 Pressure Tip: 1.4mm (94)
 Order No. **46-9703**

Conventional Air Spray – Suction Feed Spray Guns: Model 7, 2001


36SD
Model 7

Synthetic and acrylic enamels. May need to restrict fluid flow with needle adjustment for base and clear coats.
 30-50 psi inlet 7.8-11.5 cfm
 Suction Tip: 1.8mm (36SS)
 Order No. **46-3027**


36SK
Model 7

Synthetic and acrylic enamels. May need to restrict fluid flow with needle adjustment for base and clear coats.
 30-70 psi inlet 11.5-20.2 cfm
 Suction Tip: 1.8mm (36SS)
 Order No. **46-3050**

66SD
2001

Synthetic and acrylic enamels. May need to restrict fluid flow with needle adjustment for base and clear coats.
 30-50 psi inlet 7.9-12.1 cfm
 Suction Tip: 1.8mm (66SS)
 Order No. **46-6020**

66SK
2001

Synthetic and acrylic enamels. May need to restrict fluid flow with needle adjustment for base and clear coats.
 30-70 psi inlet 11-19.5 cfm
 Suction Tip: 1.8mm (66SS)
 Order No. **46-6082**

Conventional Air Spray – Pressure Feed Spray Gun: 2001

63PB
2001

Base coats, clear coats, low VOC's single stages, urethanes, and fleet finishes
 30-70 psi (Inlet) 9-20 cfm
 Pressure Tip: 1.2mm (63SS)
 Order No. **46-6002**

66SD-3
2001

Adhesive (solvent base, white vinyl glue, contact cements)
 30-70 psi (Inlet) 7.9-16.2 cfm
 Pressure Tip: 1.8mm (66SS)
 Order No. **46-6092**