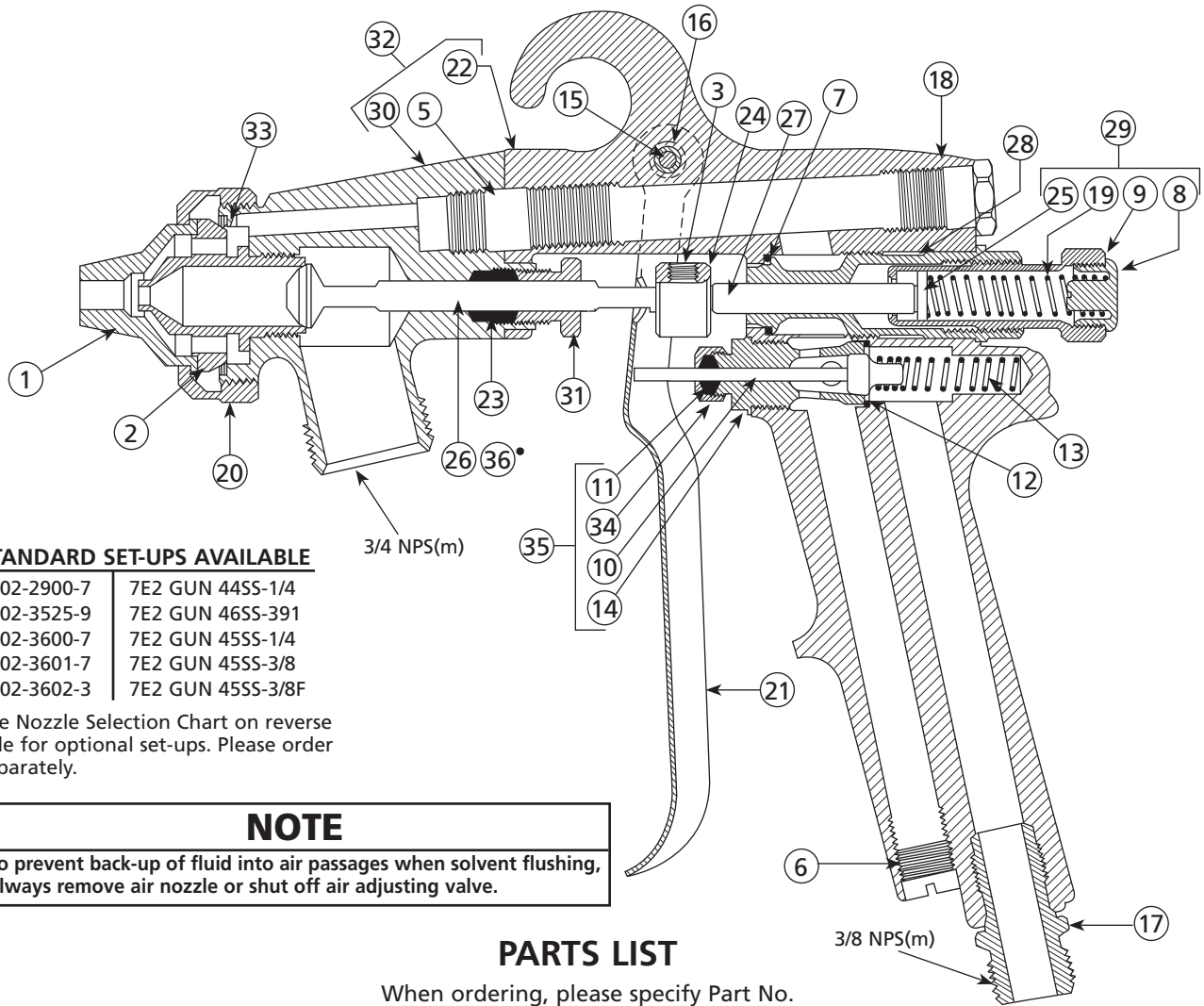


Binks Model 7E2 SPRAY GUN



STANDARD SET-UPS AVAILABLE

6102-2900-7	7E2 GUN 44SS-1/4
6102-3525-9	7E2 GUN 46SS-3/8
6102-3600-7	7E2 GUN 45SS-1/4
6102-3601-7	7E2 GUN 45SS-3/8
6102-3602-3	7E2 GUN 45SS-3/8F

See Nozzle Selection Chart on reverse side for optional set-ups. Please order separately.

NOTE

To prevent back-up of fluid into air passages when solvent flushing, always remove air nozzle or shut off air adjusting valve.

PARTS LIST

When ordering, please specify Part No.

ITEM NO.	PART NO.	DESCRIPTION	QTY.	ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	*	AIR NOZZLE	1	20	54-864	RETAINER RING.....	1
2	*	FLUID NOZZLE	1	21	54-1091	TRIGGER Four Finger.....	1
3	20-1237	SET SCREW Soc. Hd. 1/4-20 x 1/4	1	22	54-1204	GUN BODY.....	1
4	20-2002	WRENCH Allen, 1/8" Hex (Not Shown) .	1	23	54-1205†	PACKING Needle Valve	1
5	54-710	SCREW	1	24	54-1210	NEEDLE COLLAR.....	1
6	54-714	PLUG	1	25	54-1213	RING	1
7	54-723	GASKET Fluid Control.....	1	26	54-1219	NEEDLE	1
8	54-725	SCREW Spring Retainer	1	27	54-1220	NEEDLE PIN.....	1
9	54-726	BODY Fluid Control	1	28	54-1221	HOUSING Fluid Control	1
10	54-744	STEM Air Valve	1	29	54-1223	SCREW ASSEMBLY Fluid Control....	1
11	54-747†	PACKING Air Valve	1	30	54-1239	GUN HEAD.....	1
12	54-749†	GASKET Air Valve	1	31	54-1244	PACKING NUT.....	1
13	54-750†	SPRING Air Valve	1	32	54-1245	GUN BODY ASSEMBLY.....	1
14	54-751	BODY Air Valve	1	33	54-1246†	GASKET Fluid Nozzle.....	1
15	54-759	SCREW Trigger	1	34	54-1340	PACKING NUT Air Valve	1
16	54-760	STUD Trigger	1	35	54-1341	AIR VALVE ASSEMBLY	1
17	54-788	AIR CONNECTION.....	1	36	54-3264•	NEEDLE Stainless Steel (Optional).....	1
18	54-806	CAP	1	37	82-221	CLEANING BRUSH (Not Shown)	1
19	54-839	SPRING Fluid Control.....	1				

* When ordering, please specify number stamped on nozzle. See nozzle selection chart on reverse side.

• Optional, please order separately.

† Repair Kit 6-224, please order separately.

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.

⚠ WARNING

Read the following warnings before using this equipment.



READ THE MANUAL
 Before operating finishing equipment, read and understand all safety, operation and maintenance information provided in the operation manual.



WEAR SAFETY GLASSES
 Failure to wear safety glasses with side shields could result in serious eye injury or blindness.



DE-ENERGIZE, DEPRESSURIZE, DISCONNECT AND LOCK OUT ALL POWER SOURCES DURING MAINTENANCE
 Failure to De-energize, disconnect and lock out all power supplies before performing equipment maintenance could cause serious injury or death.



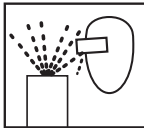
OPERATOR TRAINING
 All personnel must be trained before operating finishing equipment.



EQUIPMENT MISUSE HAZARD
 Equipment misuse can cause the equipment to rupture, malfunction, or start unexpectedly and result in serious injury.



KEEP EQUIPMENT GUARDS IN PLACE
 Do not operate the equipment if the safety devices have been removed.



PROJECTILE HAZARD
 You may be injured by venting liquids or gases that are released under pressure, or flying debris.



PINCH POINT HAZARD
 Moving parts can crush and cut. Pinch points are basically any areas where there are moving parts.



AUTOMATIC EQUIPMENT
 Automatic equipment may start suddenly without warning.



INSPECT THE EQUIPMENT DAILY
 Inspect the equipment for worn or broken parts on a daily basis. Do not operate the equipment if you are uncertain about its condition.



NEVER MODIFY THE EQUIPMENT
 Do not modify the equipment unless the manufacturer provides written approval.



KNOW WHERE AND HOW TO SHUT OFF THE EQUIPMENT IN CASE OF AN EMERGENCY



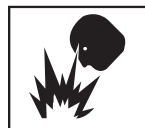
PRESSURE RELIEF PROCEDURE
 Always follow the pressure relief procedure in the equipment instruction manual.



NOISE HAZARD
 You may be injured by loud noise. Hearing protection may be required when using this equipment.



STATIC CHARGE
 Fluid may develop a static charge that must be dissipated through proper grounding of the equipment, objects to be sprayed and all other electrically conductive objects in the dispensing area. Improper grounding or sparks can cause a hazardous condition and result in fire, explosion or electric shock and other serious injury.



FIRE AND EXPLOSION HAZARD
 Never use 1,1,1-trichloroethane, methylene chloride, other halogenated hydrocarbon solvents or fluids containing such solvents in equipment with aluminum wetted parts. Such use could result in a serious chemical reaction, with the possibility of explosion. Consult your fluid suppliers to ensure that the fluids being used are compatible with aluminum parts.



TOXIC FLUID & FUMES
 Hazardous fluid or toxic fumes can cause serious injury or death if splashed in the eyes or on the skin, inhaled, injected or swallowed. LEARN and KNOW the specific hazards of the fluids you are using.



WEAR RESPIRATOR
 Toxic fumes can cause serious injury or death if inhaled. Wear a respirator as recommended by the fluid and solvent manufacturer's Material Safety Data Sheet.



PROP 65 WARNING
 WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

IT IS THE RESPONSIBILITY OF THE EMPLOYER TO PROVIDE THIS INFORMATION TO THE OPERATOR OF THE EQUIPMENT.

FOR FURTHER SAFETY INFORMATION REGARDING BINKS AND DEVILBISS EQUIPMENT, SEE THE GENERAL EQUIPMENT SAFETY BOOKLET (77-5300).

NOZZLE SELECTION CHART

Nozzle Combination Fluid x Air	Fluid Nozzle		Air Nozzle			Body Base No.	Max. Fan Width @8"	Spray		Air Required at 50 PSI (CFM)
	No.	Orifice Size (Inches)	No.	Reference Figure	Material			Shape	Mix*	
44SS x 1/4	44SS	.187	1/4	1	Steel		Round	Round	I	13.2
45SS x 1/4	45SS	.250	1/4	1	Steel			Round	I	13.2
47SS x 3/8	47SS	.375	3/8	1	Steel			Round	I	20.3
45SS x 3/8F	45SS	.250	3/8F	2	Steel		9"	Fan	I	20.0
45SS x 1/4E	45	.250	1/4E	6	Brass		10"	Fan	E	15.3
46SS x 190	46SS	.312	190	5	T. Carbide	54-1924	10"	Fan	I	11.5
46SS x 191	46SS	.312	191	5	T. Carbide	54-1924	11"	Fan	I	9.0
46SS x 390	46SS	.312	390	5	Stnls. Steel	54-1924	10"	Fan	I	11.5
46SS x 391	46SS	.312	391	5	Stnls. Steel	54-1924	11"	Fan	I	9.0

*I = Internal Mix. E = External Mix.

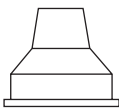


Figure 1

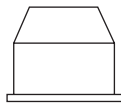


Figure 2

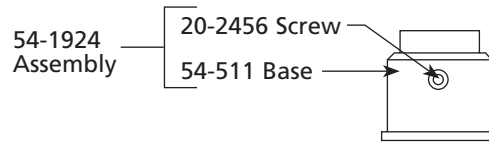


Figure 5

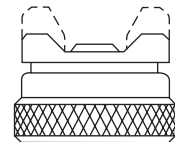


Figure 6

WARRANTY

This product is covered by Binks' 1 Year Limited Warranty.

Binks Sales and Service: www.binks.com



U.S.A./Canada Customer Service
195 Internationale Blvd.
Glendale Heights, IL 60139
630-237-5000

Toll Free Customer Service
and Technical Support
800-992-4657
Toll Free Fax
888-246-5732

77-1341R-16 Revisions: (P2) Added Prop 65 warning; (P3) Revised Nozzle Selection Chart; (P4) Updated contact information.