

MSV™ Mid-Size Maximum Performer

Manual HVLP Spray Gun

Our MSV Mid-Size Maximum Performer spray gun delivers the same high transfer efficiency and superior performance as the standard-sized model, only in a smaller package. Weighing only 17 ounces, the Mid-Size Maximum Performer spray gun is lighter, and it helps reduce operator fatigue while providing excellent comfort and control.

- 300-grade stainless steel fluid passages for waterborne compatibility.



Productivity and Finish Quality

The productivity and finish quality of any Maximum Performer spray gun is determined by the air cap and fluid tip combination, and also fluid solids range, fluid flow and air consumption for specific caps and tips.



The lightweight MSV spray gun is designed for maximum operator comfort.

Technical Specifications

Body:	Drop forged aluminum
Weight:	17 oz (476 gr)
Air Inlet:	1/4" NPS (M)
Fluid Inlet:	3/8" NPS (M)
Fluid Passages:	Stainless steel
Feed Type:	Pressure feed
Service Bulletin:	SB-2-243
Gun Repair Kit:	KK-4987-2

Ordering Information

The MSV Mid-Size Maximum Performer manual spray gun is available with the following air cap and fluid tip set-ups, factory assembled for immediate delivery.

Part No.	
MSV-531-33FX*	MSV-531-3-46FX**
MSV-531-33FF*	MSV-531-3-46FF**
MSV-531-46FF*	MSV-531-83E*
MSV-531-46FX*	MSV-531-83D*

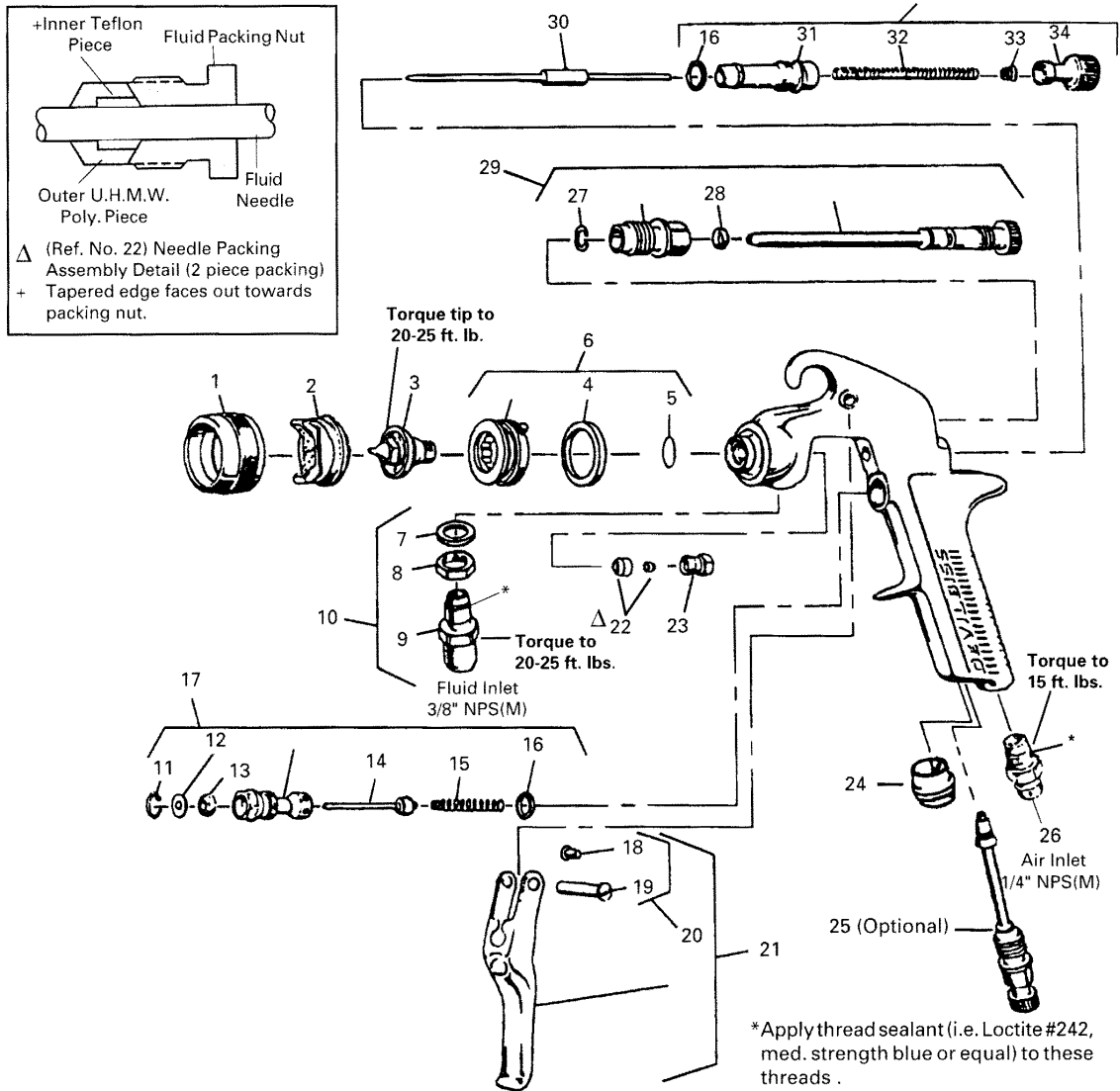
* Standard tips and needles are stainless steel.

** Includes 300-grade stainless steel with U.H.M.W. polyethylene seat in fluid tip.

Accessories

- **Remote Cups**
Two-quart remote cups are available in aluminum (KB-555) or stainless steel (KB-545-SS).
- **Attached Cups**
One-quart attached cups are available in aluminum with Teflon® lining (TLC-576) or stainless steel (TSC-591).
Note: KK-4980 regulator control kit is required for use with these cups and must be ordered separately.
- **Additional Accessories**
Hose assemblies, air control regulators, air cap test kits, gun and hose cleaning equipment and other accessories also are available.

SB-2-243-F



PARTS LIST

Ref. No.	Replacement Part No.	Description	Individual Parts Req.
1	MSA-1	Retaining Ring (Delrin)	1
2	See Chart 1	Air Cap	1
3	See Chart 2	Fluid Tip	1
4	JGD-14-K10	Seal (Kit of 10) (Polyethylene)	1
#5	SSG-8182-K5	O-Ring (Kit of 5) (Buna-N)	1
6	See Chart 1	Baffle, Seal & O-Ring Kit	1
7	MSV-3-K10	Gasket Kit (Kit of 10) (blue)	1
8	---	Locknut	1
9	---	Fluid Inlet Adapter 3/8" NPS(m)	1
10	JGA-4044	Fluid Inlet & Nut Kit	1
11	JGA-14-K25	Snap Ring	1
12	JGA-15-K25	Washer	1
#13	JGS-26-K25	"U" Cup	1
14	JGS-431-K25	Air Valve	1
15	MBD-12-K25	Spring	1
#16	JGS-72-K10	Gasket (Kit of 10) (Teflon)	2
17	JGS-449-1	Air Valve Assembly	1
18	---	Screw	1
19	---	Trigger Bearing Stud	1
20	JGS-478	Stud & Screw Kit (Kit includes 5 screws & 3 studs)	1
21	JGS-477-1	Trigger, Stud & Screw Kit (Kit includes 1 each)	1

Ref. No.	Replacement Part No.	Description	Individual Parts Req.
#22	JGV-463-K3	Fluid Needle Packing Kit (Kit of 3)	1
23	34411-122-K10	Fluid Needle Packing Nut (Kit of 10)	1
24	JGA-132	Plug	1
25	JGA-4005	Air Adjusting Valve (Optional)	1
26	MSA-3	Connector 1/4" NPS	1
27	---	Retaining Ring	1
#28	SSG-8069-K25	O-Ring Kit (Kit of 25) (Viton)	1
29	JGA-497-1	Air Valve Assembly - Horn	1
30	See Chart 2	Fluid Needle	1
31	---	Gun Body Bushing	1
#32	MBD-19-K10	6# Spring (Kit of 10)	1
---	MSA-4-K10	4# Spring (Kit of 10) (optional)	1
33	---	Spring Pad (included with #32)	1
34	JGS-16	Fluid Needle Adjusting Screw	1
35	JGA-4041	Bushing, Spring & Knob Kit	1

• These parts included in primary service Gun Repair Kit ■ KK-4987-2. This kit should be kept on hand for service convenience.

A quantity of necessary parts is included in Minor Repair Kit KK-5034 for gun repair.

Δ Two Piece Packing covered by U.S. Patent No. 5,209,501. Other patents pending.

