

## EGA-502 SPRAY GUN

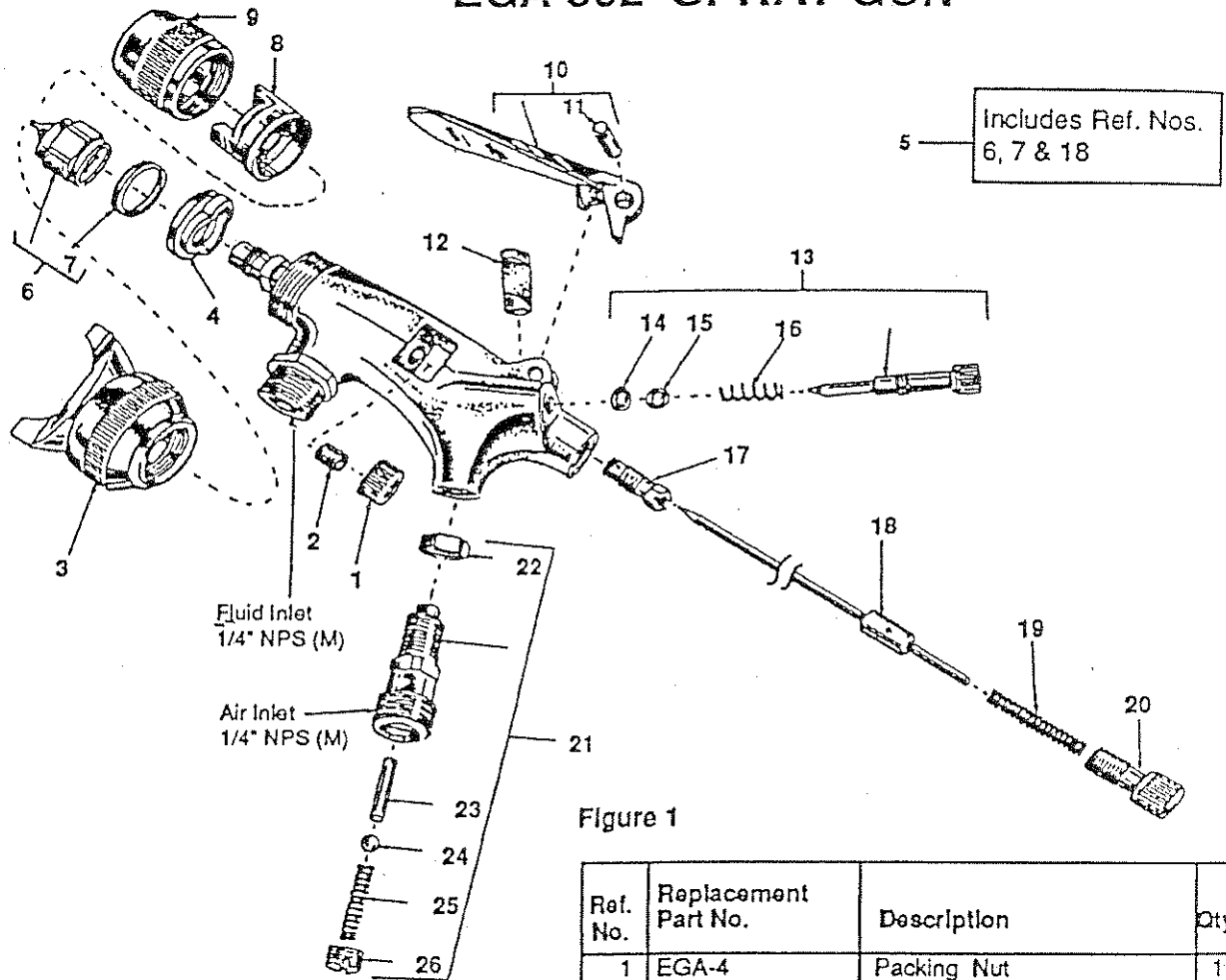


Figure 1

### DESCRIPTION

The EGA-502 external mix, touch-up gun. The gun has a long needle taper making detail work easy. The forefinger trigger gives added control for delicate application. Can be used for touch-up, shading, edging or any type of precision painting. Use as either suction or pressure feed application.

Mix, prepare and strain material according to the paint manufacturer's instructions.

### WARNING

Halogenated Hydrocarbon Solvents - for example; 1, 1, 1 - trichloroethane and methylene chloride, can chemically react with the aluminum in this gun and cause an explosion hazard. Read the label or data sheet for the material you intend to spray. Do not use spray materials containing these solvents with this gun.

Ref. No.	Replacement Part No.	Description	Qty.
1	EGA-4	Packing Nut	1
2	38273-136-K5	Fluid Needle Packing	1
3	EGHV-439-395	Air Cap with Ring - See Chart	1
4	EGA-7	Baffle	1
5	See Chart	Tip, Needle & Gasket Assy.	1
6	See Chart	Fluid Tip & Gasket	1
7	EGA-24-K5	Gasket	1
8	See Chart	Air Cap	1
9	EGA-11	Retaining Ring	1
10	EGA-443	Trigger and Stud Assy.	1
11	AG-3-1-K5	Trigger Bearing Stud	1
12	EGA-5-K6	Air Valve Plunger	1
13	EGA-442	Fan Adjustment Assy.	1
14	AG-27-K10	Packing	1
15	AG-26-K10	Washer	1
16	GP-9-K5	Spring	1
17	EGA-3	Packing Gland	1
18	See Chart	Fluid Needle	1
19	AG-7-K5	Needle Spring Kit	1
20	AG-16	Fluid Needle Adjusting Screw	1
21	EGA-441	Air Valve Assy.	1
22	AG-46-K3	Lock Nut	1
23	EGA-9-K5	Stem	1
24	SST-3008-K5	Ball	1
25	C-104-K5	Spring	1
26	GD-36-K5	Spring Retainer	1

■ A quantity of one each is included in Gun Repair Kit 45871-203. Suffixes -K3, -K5, etc. designates kits of multiple parts. Example: EGA-24-K5 is a kit of (5) gaskets.

Model No.	Type Feed	If this is No. On Cap Order →	Air Cap	Air Consumption	Fluid Tip & Gasket	If this is the letter On Tip or Needle ← Order →	Fluid Needle	(Lapped) Tip, Needle & Gasket Assy.
EGA-502-390F	S or P	390	EGA-40-390	2.3 cfm	EGA-608-F	F	AG-406-F	EGA-609-F
EGA-502-394G	S or P	394	EGA-40-394	2.6 cfm	EGA-608-G	G	AG-405-G	EGA-609-G
EGA-502-395E	S	395	EGA-439-395	2.6 cfm	EGA-608-E	E	AG-406-E	None

**SPECIFICATIONS**

Air Inlet: 1/4" NPS(M)  
 Fluid Inlet: 1/4" NPS(M)  
 Type Feed: Suction & Pressure  
 Wetted Parts: Aluminum & Stainless Steel

**PREVENTIVE MAINTENANCE**

To clean fluid passages, remove excess material at source, then flush with a suitable solvent.

**CAUTION**

Worn parts can cause fluid leakage. When replacing fluid tip or fluid needle, replace both at the same time. Also replace the fluid tip gasket and needle packing at this time.

Lapped sets are available for pressure feed combinations. See chart. Lapped sets are particularly recommended with thinner, less viscous materials.

**CAUTION**

To prevent damage to the fluid tip or fluid needle, be sure to either 1) pull the trigger and hold while tightening the fluid tip or 2) remove the fluid needle adjusting screw to relieve spring pressure.

To clean air cap and fluid tip, brush with a stiff bristle brush. If necessary, use a broom straw or toothpick. Never use a wire or hard instrument. This may scratch or burr holes causing a distorted spray pattern.

**LUBRICATION**

For best results, lubricate the points indicated in Figure 2 daily using Spray Gun Lube SSL-10 as shown under Accessories.

- A. Trigger points
- B. Packings
- C. Adjusting Valves
- D. Fluid Needle/air valve springs (occasionally)

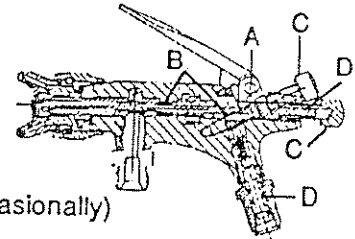


Figure 2

**SERVICE NOTES**

For complete guide on air spray equipment, order free Service Bulletin SB-2-001.

**WARRANTY**

This product is covered by DeVilbiss' 1 Year Limited Warranty. See SB-1-000 which is available upon request.

**ACCESSORIES**

42884-214-K5 (3/8") & 42884-215-K10 (5/8") **CLEANING BRUSHES**- These brushes are helpful in cleaning threads and recesses of gun body.

**TGS Cups** - TGS-501 (engineered resin) or TGS-503 Polyethylene) suction feed cups.

**P-H-5516 Air Adjusting Valve**

Enables user to control and reduce air usage at the gun. Ideal for low pressure spraying.

**GH-9700 Gun Hook**

Position gun hook straddling seam, and drill four holes for 5/16" dia. bolts.

**WR-103 Wrench**

Contains all necessary tip, hose and nut sizes used on or with gun.

**Spray Gun Lube SSL-10 (2 oz. bottle)**

Compatible with all paint materials: contains no silicone or petroleum distillates to contaminate paint.

**HAV-500 or HAV-501 Air Adjusting Valve (HAV-501 shown)**

HAV-500 does not have pressure gauge. Use to control air usage at gun.

**HARG-510 Air Regulator**

Use to maintain nearly constant outlet pressure despite changes in inlet pressure and downstream flow.

DeVilbiss Automotive Refinishing Products  
 An Illinois Tool Works Co.  
 Maumee, Ohio 43537

DeVilbiss  
 Industrial Coating Equipment  
 Maumee, Ohio 43537

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