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Devilbiss jga 502 manual

DeVilbiss JGA-502 Owners Manual ■ Major Repair Kit KFF-4987-2 Minor Repair Kit KCC-5034 IMPATANT: Before using this equip-mnt, read all safety precautions and in-structions. Keep for future use. SERVICE BULLETIN SB-2-252-J Replaces SB-2-252-J JGA-510 CONVENTIONAL SPRAY GUN Page 6, if any problems occur: PREVENTIVE MAINTENANCE

To clean air cap and fluid tip, brush exterior with a stiff bristle brush. If key-ways show air cap holes, use a broom straw toothpick. Never use a wire or hard instrument. This may scratch or burr housings causing a distorted spray pattern. To clean fluid passages, remove excess material at source, then flush with a suit-able solvent using a device such as a syringe. Do not use compressed air to blow out fluid passages. Use a solvent which does not attack the gun body. See Appendix A for solvent recommendations. Note: The following combinations are listed. See Chart 3. Matched sets are particularly recommended with thinner, less viscous materials. Also, replace the needle packing at bedtime. Lightly lubricate the threads of the fluid tip before reassembling. Torque to 20-25 ft. lbs. Do not over-tighten the fluid tip. To prevent damage to the fluid tip(4) or fluid needle (33), be sure neither 1) pull the trigger and hold while tightening or loosening the fluid tip or 2) remove fluid needle adjusting screw (28) to relieving pressure against needle threads. DESCRIPTION The JGA-510 can be utilized with the wide range of air caps and needles. It is a general purpose, heavy duty, high production spray gun suitable for use with most types of materials. The fluid tip and needline internal fluid passages are stainless steel. Conversion to H.V.L.P. - The JGA-510, plus JGA-503 models, can be converted to H.V.L.P. if desired. Contact DeVilbiss for in-for-mation. Note This gun includes 300 series stain-less steel fluid passages and 300/400series tip and needle. Guns may be used with chlorinated solvents. The fluid passage may be cleaned by flushing with a solvent. Flushing must be done after each use. High pressure cleaning is not recommended. The fluid passage may be cleaned by flushing with a solvent. Flushing must be done after each use. High pressure cleaning is not recommended.

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necessity for replacement parts will be increased. OPERATION Note: Protective coating and rust inhibitors have been used to keep the gun in good condition prior to shipment. Before using the gun, flush it without solvent so that the fluid passages will be removed from fluid passages. Strain material thru 60 mesh or finer to avoid clogging fluid passage to deliver the desired product. Adjust air pressure and flow rate to provide a uniform dispersion of atomized paint throughout the pattern. Keep air pressure as low as possible to minimize bounce-back and overspray. Excessive fluid flow will result in heavy center sprays. Inadequate flows may cause the pattern to split. See "Troubleshooting" SPRAY GUN LUBRICATION Daily, apply a drop of SSS-10 spray gun lube at trigger bearing stud (21) and the stem of the air valve (13) where it enters the air valve assembly (17). The shank of the fluid needle (33) where it enters the packing nut (19) should also be oiled. Thru fluid needle packing (18) should be lubri-cated periodically. Make sure the fluid passage is clear of debris. Clean the fluid passage by flushing with a solvent. Flushing must be done after each use. High pressure cleaning is not recommended.

the air pas-sages. For best results, lubricate the points indicated, daily. Trigger Points B. Packing C. Adjusting Valves D. Baffle Threads E. Air Valve Cartridge A C D B E FLUID INLET GASKET (7) REPLACEMENT INSTRUCTIONS 1. Remove fluid inlet adapter with ap-propriate wrench. 2. Clean Locite from gun body inlet threads and seal area. 3. Place gasket (7) squarely onto the fluid inlet adapter and push it down until its flat against the boss. 4. Place a couple of drops of medium strength loc 20. Layt Locite on threads before installing fluid inlet adapter.

CHART 1

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NOZZLE COMBINATIONS											
Air Cap Size		Flat Tip & Needle Size									
Air Cap Size		Order From Chart 3									
Chart 2		AC	D	E	F	G	H	FF	FX	FW	GX
40	in.	176	080	070	070	070	065	065	065	060	054
40	mm	2.8	2.1	1.6	1.5	1.5	1.2	1.2	1.1	1.0	.9
60	in.			P	S	G	G	G	S		
60	mm										
80	in.		P							P	
80	mm										
100	in.			P							
100	mm										
120	in.									S	S
120	mm										
140	in.									P	P
140	mm										
160	in.										
160	mm										
180	in.										
180	mm										
200	in.										
200	mm										
220	in.										
220	mm										
240	in.										
240	mm										
260	in.										
260	mm										

P = Pressure Feed Combination

S = Suction Feed Combination

CHART 2

AIR CAPS			
Ref. No. on Cap Order	Ref. No. 10 Cap with Ring	Ref. No. 31 Air Cap Less Ring	
24	MB-4029-24D	AV-40-24	
40	AV-200-40		
60	MB-4029-60D		
80	MB-4029-80D		
100	MB-4029-100D		
120	MB-4029-120D		
140	AV-1238-140		
160	AV-1238-160		
180	AV-1238-180		
200	AV-1238-200		
220	AV-1238-220		
240	AV-1238-240		
260	AV-1238-260		
280	AV-1238-280		
3000	AV-440-3000		

CHART 3

FLUID TIPS AND NEEDLES											
Tip Outline Ref. No. 10		Ref. No. 5		Ref. No. 31		Ref. No. 31		Ref. No. 31		Ref. No. 31	
in. / mm		No. on cap order		No. on cap order		No. on cap order		No. on cap order		No. on cap order	
		AC		FF		FX		FW		GX	
112 (2.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
120 (3.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
126 (3.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
136 (3.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
140 (3.5)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
144 (3.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
150 (3.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
156 (3.9)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
160 (4.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
168 (4.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
176 (4.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
180 (4.5)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
186 (4.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
192 (4.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
200 (5.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
208 (5.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
216 (5.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
224 (5.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
232 (5.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
240 (6.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
248 (6.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
256 (6.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
264 (6.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
272 (6.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
280 (7.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
288 (7.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
296 (7.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
304 (7.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
312 (7.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
320 (8.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
328 (8.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
336 (8.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
344 (8.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
352 (8.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
360 (9.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
368 (9.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
376 (9.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
384 (9.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
392 (9.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
400 (10.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
408 (10.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
416 (10.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
424 (10.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
432 (10.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
440 (11.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
448 (11.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
456 (11.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
464 (11.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
472 (11.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
480 (12.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
488 (12.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
496 (12.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
504 (12.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
512 (12.8)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
520 (13.0)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
528 (13.2)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
536 (13.4)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC
544 (13.6)	AV-2115-AC	AV-2115-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400-AC	GA-400	

5. Torque fluid inlet adapter to 20-25 ft.lbs., and tighten locknut. ■ Government NSN No. 4940-01-046-9919 = KK-4987-2.



Sort by Sort by highest price first Sort by lowest price first Sort by newest results first Sort by oldest results first More pictures Devilbiss spray gun Spray gun service kit devilbiss. in particular: service, kit ~ Price: 120 € Product condition: Used See details More pictures Devilbiss spray gun Price: 100 € Product condition: Used See details More pictures Devilbiss jga 559 Air spray gun DevilbissIncluding: paint, spray ~ Price: 70 € Product condition: Used See details More pictures Devilbiss jga50476512 1.2mm Price: 398 € Product condition: New See details More pictures Devilbiss jga suction Devilbiss jga suction. Of the brand devilbiss ~ Price: 10 € Product condition: Used See details More pictures Devilbiss jga 558 Devilbiss jga 558.



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Manual Spray Gun comes with standard grade stainless steel and corrosion resistant. Devils JGA 510 Manual Spray Gun sets industry standards for high production performance. An economical option for waterborne and solvent based material application. View and download Devilbiss JGA operation manual inline. Suction Feed Spraygun,
manual spray gun manual download. Devilbiss Moving Parts Manual. Devilbiss Maintenance Manual. Devilbiss Operation Manual. Devilbiss User Manual. Devilbiss Water Based Material Application. Devilbiss Water Based Material Application. Devilbiss Water Based Material Application. Devilbiss Water Based Material Application.
for waterborne and solvent-based materials, the JGA air spray gun delivers the quality results you need for tough applications. Name: JGA Standard Size Manual Spray Gun Model: JGA-510-xxxx (use selects) Gun Category: Conventional Gun Type: Manual Fluid Passages: 300 grade stainless steel HVLP inlet: .38\" NPS (M)