

DV1™ Basecoat by **DeVILBISS**
AUTOMOTIVE REFINISHING

≡ DV1 Basecoat

- The DV1 air caps, with advanced internal geometry, result in a perfectly balanced, consistent spray pattern for a perfect finish
- Reduced air pressure resulting in improved spray pattern control, atomisation consistency and improved transfer efficiency
- A new combined air inlet and air control valve with 12 x higher precision sensitivity for smoother air control
- Consistently achieves a narrow colour window for the closest colour matching
- New advanced fluid tip design reduces turbulence, minimising mottling/clouding



PART NUMBER EXPLANATION

DV1 - **C or U** - **BAR or 000** - **12** - **B or B+ or 1+A**
 Model Cupped or Uncupped Digital or Non Digital Fluid Tip Air Cap

SPECIFICATIONS

DV1 B+ 'HVLP Plus' Air Cap	
Air Inlet Pressure	2.0 bar (29 psi)
Air Consumption	300 l/min (10.6 cfm)
Spray Pattern Length	325mm @ 200mm target
Fluid Flow	140 - 190 g/min
Air Inlet Thread	1/4" Universal
Cup Capacity	560 mls
Weight (gun only)	470 gms

DV1 B 'HVLP' Air Cap	
Air Inlet Pressure	2.0 bar (29 psi)
Air Consumption	395 l/min (13.9 cfm)
Spray Pattern Length	330mm @ 200mm target
Fluid Flow	130 - 180 g/min
Air Cap	Plated Brass
Air Cap Retaining Ring	Black Anodised Aluminium
Fluid Tip	Stainless Steel
Fluid Needle	Stainless Steel



DV1-B Plus Air Cap



DV1-B Air Cap

DV1 BASECOAT SPRAY GUN KITS

When ordering please specify the air cap of your choice (DV1 B or DV1 B+). Please specify fluid tip you require: 11, 12 or 13).

Part No	Description
DV1-U-000-11-B	Gun only DV1 Kit with HVLP air cap & 1.1mm tip
DV1-C-000-12-B+	Gun and cup DV1 kit with HVLP 'Plus' air cap & 1.2mm tip
DV1-U-BAR-11-B	Gun only digital DV1 kit with HVLP air cap & 1.1mm tip
DV1-C-BAR-12-B+	Gun & cup digital DV1 kit with HVLP 'Plus' air cap & 1.2mm tip
DV1-U-BAR-14-1+A	Gun only digital DV1 kit with 1+A air cap & 1.4mm tip

Kit includes complete gravity feed spray gun, gravity cup (if ordered), paint filter, cleaning brush and maintenance tools.

ACCESSORIES

Part No	Description
704407	DV1 B HVLP air cap and retaining ring
704408	DV1 B+ HVLP 'Plus' air cap and retaining ring
704445	DV1-100-1+A air cap and retaining ring
704411	Fluid tip - size number 11
704412	Fluid tip - size number 12
704413	Fluid tip - size number 13
704414	Fluid tip - size number 14
704416	DV1 fluid needle
704430	Minor service kit
704431	Major service kit
704429	Tool kit
704426	Digital gauge for spreader valve assembly for DV1 - reads in BAR
MPV-60-K3	Pack of 3 male quick detach uni swivel - fits to gun air inlet
HAF-507	Lightweight in-line air filter
4900-5-1-K3	Pack of 3 cleaning brushes
905207	Pack of 5 gravity cup filters for GFC cups



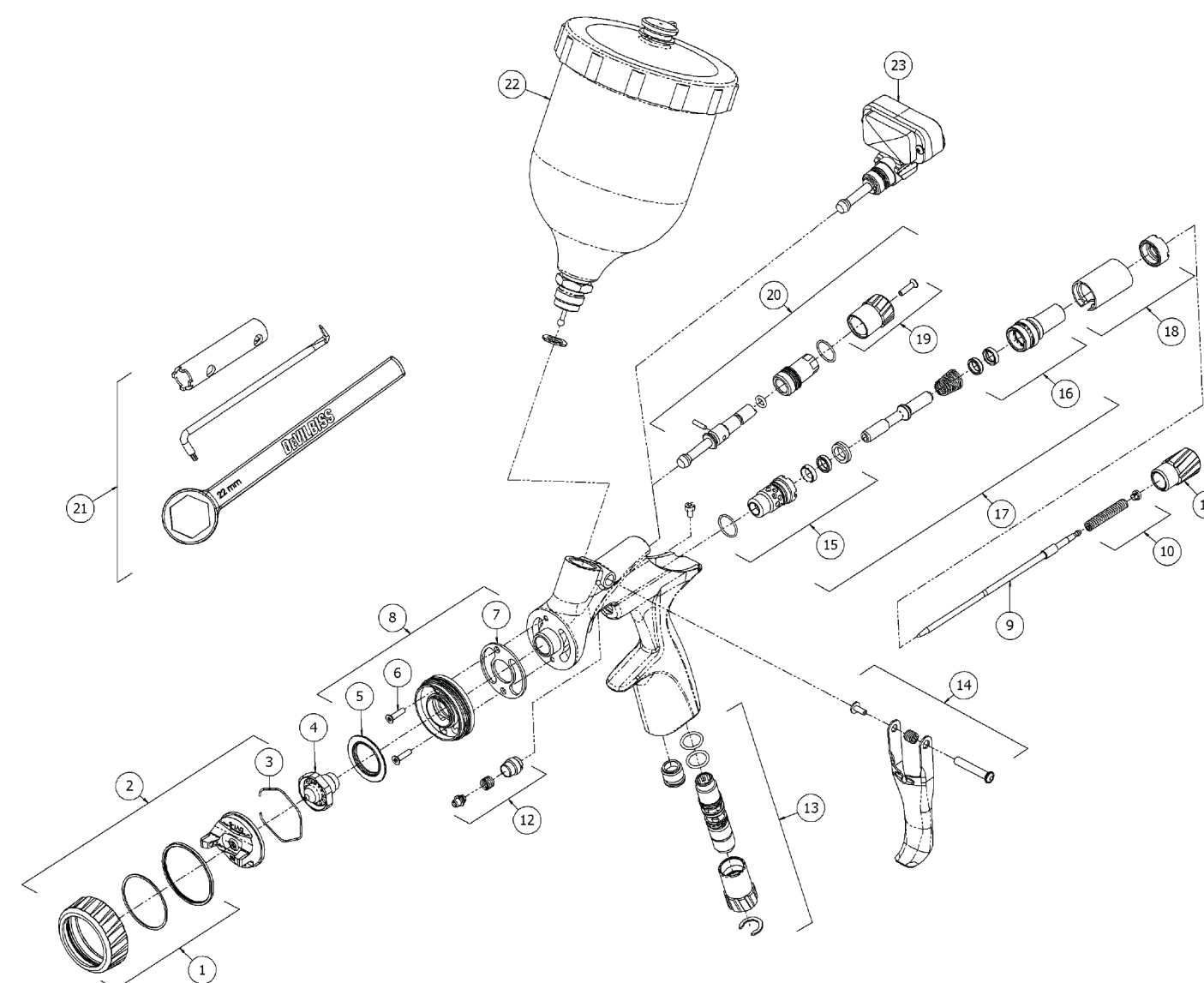
4900-5-1-K3



MPV-60-K3



704431



EXPLODED VIEW

Ref No	Description	Part No			
1	Retaining ring sub assembly	704425	16	Rear seal assembly	704423
2	DV1-B HVLP Air Cap	704407	17+	Air valve assembly	704424
	DV1-B+ HVLP Air Cap	704408	18	Sleeve kit	704428
3	Spring clip (kit of 5)	JGA-156-K5	19	Spreader knob (non digital)	704419
4	Fluid tip 12	704412	20	Spreader valve assembly	704418
	Fluid tip 13	704413	21	Tool kit	704429
	Fluid tip 14	704414	22	Gravity cup (black)	GFC-515
5	Deflector plate	704402	23	Digital pressure gauge	704426
6+	Spray head screws (kit of 3)	704403		Service Kits	
7+	Gasket (kit of 2)	704401		Minor service kit: Includes items marked # Plus air valve spring, spreader valve pin & o rings	704430
8	Spray head kit	704400		Major service kit: Includes items marked + Plus spreader valve pin & o rings	704431
9	Fluid needle	704416			
10#+	Needle spring kit	704405			
11	Fluid adjusting knob	704404			
12+	Packing, spring & packing nut kit	702731			
13	Inline flow valve	704417			
14	Tigger. Stud, spring & screw kit	704406			
15#	Front cage assembly	704422			

Service Kits

Minor service kit: Includes items marked # Plus air valve spring, spreader valve pin & o rings

704430

Major service kit: Includes items marked + Plus spreader valve pin & o rings

704431