

# DeVilbiss

By Binks



# DeVilbiss<sup>®</sup> PROLite<sup>®</sup>

Basecoat/Clearcoat  
Professional Spray Gun

GRAVITY

# The DeVilbiss PROLite delivers high-performance application of waterborne and solventborne refinish paints and coatings.

The DeVilbiss PROLite spray gun delivers exceptional performance and color matching capabilities for today's automotive refinish coatings that can be difficult to atomize, such as low VOC, high solids, pearls or metallic materials.

This PROLite performance is achieved utilizing high-capacity air passages and a linear air valve to provide even and unrestricted flow of compressed air through the gun body, producing superior atomization with consistent droplet distribution throughout the entire spray pattern.

PROLite is precision-built using the highest quality component materials for a longer working life in all professional spray environments. The dropforged aluminum body, anodized finish, high-grade stainless steel fluid nozzles and needles, and nickel plated brass air caps all contribute to a gun that will last in the most extreme environments. When routine maintenance is needed, the PROLite's easy-to-maintain design ensures minimum production downtime. In approval testing with paint company technicians over the last decade, the PROLite has consistently met the highest color match standards to ensure that you get the job done right – the first time and every time.

## Features:



Lightweight design delivers a uniform spray pattern and atomization distribution for an exceptional quality finish that professional painters demand



Range of advanced air cap technologies for excellent application performance with the latest waterborne and solventborne coatings



Ergonomic handle design with reduced trigger travel to decrease operator fatigue



Environmental legislation-compliant atomization with high transfer efficiency resulting in significant paint savings



Drop-forged aluminum, anodized gun body with removable air baffle for a longer working life

## Applications:



Basecoat



Clearcoat

### SPECIFICATIONS

Weight (gun only)	445g
Gun Body	Anodized Aluminum
Air Cap	Plated Brass
Air Cap Retaining Ring & Knobs	Clear Anodized Aluminum
Fluid Nozzle	Stainless Steel
Fluid Needle	Stainless Steel
Air Inlet Thread	1/4" Universal
Service Bulletin	SB-E-2-996

Contact your sales representative to place your order today.

## Top Assembly Part Numbers

PART #	DESCRIPTION	AIR CAP	NOZZLE SIZE	MATERIAL CUP	GAUGE
905038	PROLite Gravity HVLP Gun Kit	HV30	1.2mm, 1.3mm	-	HAV-555
905039	PROLite Gravity HVLP Gun Kit	HV30	1.3mm, 1.4mm	-	HAV-555
905040	PROLite Gravity HVLP Gun Kit	HV30	1.2mm, 1.3mm	900ml, Aluminum	HAV-555
905041	PROLite Gravity HVLP Gun Kit	HV30	1.3mm, 1.4mm	900ml, Aluminum	HAV-555
905042	PROLite Gravity HVLP & High Efficiency Gun Kit	TE20 & HV30	1.3mm, 1.4mm, 1.5mm	-	HAV-555
905043	PROLite Gravity High Efficiency Gun Kit	TE10 & TE20	1.2mm, 1.3mm, 1.4mm	900ml, Aluminum	HAV-555
905044	PROLite Gravity High Efficiency Gun Kit	TE10 & TE20	1.2mm, 1.3mm, 1.4mm	-	HAV-555
905045	PROLite Gravity High Efficiency & HVLP Gun Kit	TE25 & HV30	1.2mm, 1.3mm, 1.4mm	-	HAV-555

## Air Cap Offerings



AIR CAP	ATOMIZATION TYPE	APPLICATIONS	RECOMMENDED INLET PRESSURES		MAX AIR CONSUMPTION		FAN PATTERN SIZE		NOZZLE SIZES
			PSI	BAR	SCFM	SLPM	IN	MM	
TE10	High Efficiency	Basecoats, Clearcoats	20-35	1.4-2.4	10.9	310	11.0-12.0	285-300	1.1mm-1.5mm
TE20	High Efficiency	Basecoats, Clearcoats	16-26	1.1-1.8	12.0	340	11.0-11.5	275-290	1.1mm-1.5mm
TE25	High Efficiency	Clearcoats	22-29	1.5-2.0	12.4	350	10.5-11.0	270-285	1.1mm-1.5mm
T110	High Efficiency	Basecoats, Clearcoats	22-29	1.5-2.0	9.4	265	11.0-12.0	285-300	1.1mm-1.5mm
HV30	HVLP	Basecoats, Clearcoats	14-25	1.0-1.75	15.5	440	11.5-12.5	290-315	1.1mm-1.5mm

Refer to [autorefinishdevilbiss.com](http://autorefinishdevilbiss.com) for a complete listing of approved areas and requirements for regulatory compliance.

## Table I: Parts & Accessories

PART #	DESCRIPTION	PART #	DESCRIPTION	PART #	DESCRIPTION
905240	TE10 Air Cap Assembly with Retaining Ring	905246	1.1mm Fluid Nozzle	704307	DGI Pro Gauge for Spreader Valve Assembly (PSI readout)
905241	TE20 Air Cap Assembly with Retaining Ring	905247	1.2mm Fluid Nozzle	803291	HAV-555 - Air Inlet Adjustment Valve with Digital Readout
905242	TE25 Air Cap Assembly with Retaining Ring	905248	1.3mm Fluid Nozzle	180006	HAV-501 - Air Inlet Adjustment Valve with Analog Readout
905245	T110 Air Cap Assembly with Retaining Ring	905249	1.4mm Fluid Nozzle	905204	Acetal Gravity Cup - 560ml
905238	HV30 Air Cap Assembly with Retaining Ring	905250	1.5mm Fluid Nozzle	702576	Aluminum Gravity Cup - 900ml
		905266	PROLite Gravity Fluid Needle	802200	DPC-43 - DeKups® Adaptor
		905281	Spray Gun Service/Repair Kit	803750	SNF-43 - SNAP N FLOW™ Adaptor
		905206	Seal & Pin Kit		
		905296	Gun Wrench, Torx & Flat Back Screwdriver, Cleaning Brush & Color ID Rings		

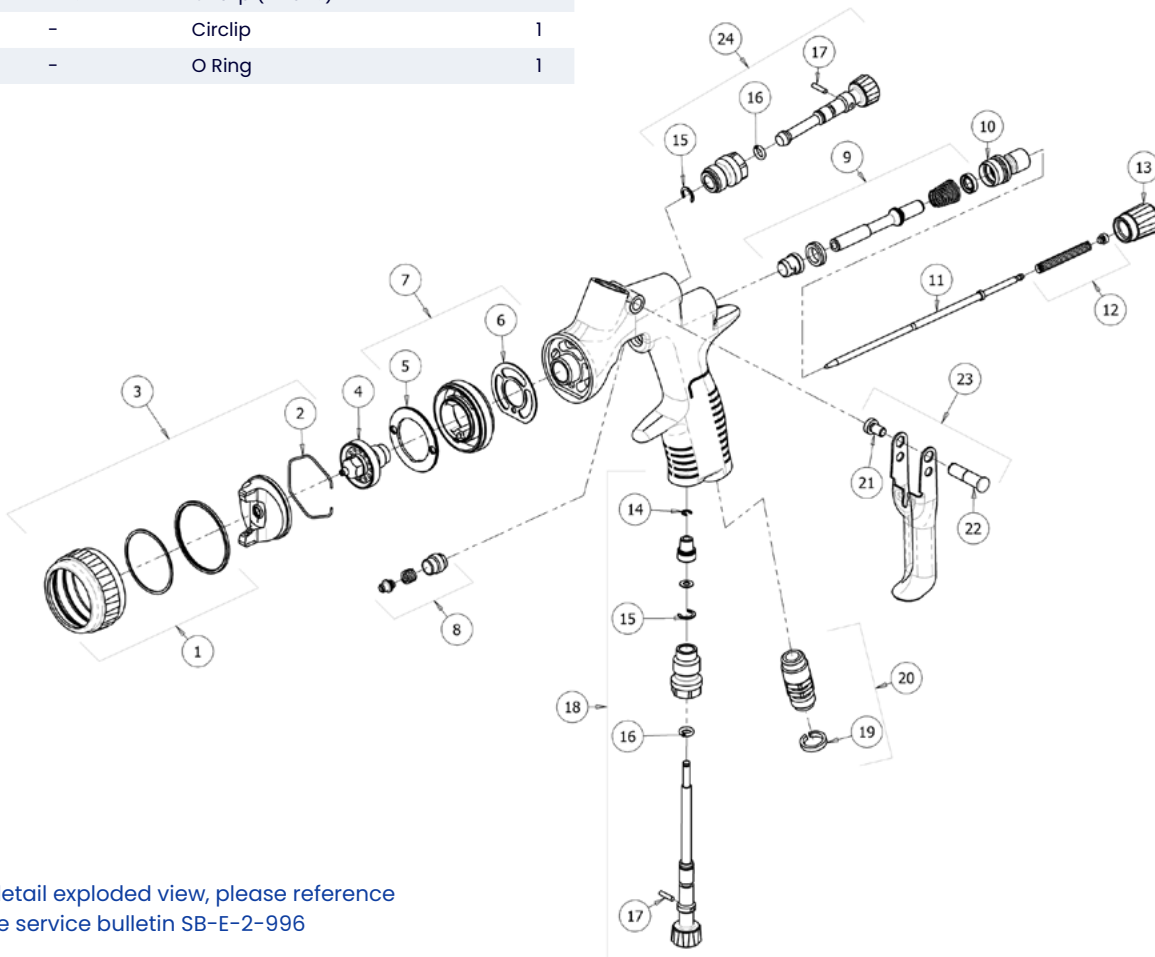
# DeVilbiss® PROLite Exploded Reference Legend

REFERENCE	PART #	DESCRIPTION	QTY
1	905280	Retaining Ring Sub Assembly	1
2	905208	Spring Clip (kit of 5)	1
3	See Table 1	Air Cap & Retaining Ring	1
4	See Table 1	Fluid Nozzle	1
5	905297	Baffle Plate	1
6*	905287	Gasket (kit of 2)	1
7	905303	Spray Head Kit	1
8*	905294	Packing, Spring & Packing Nut Kit	1
9	905282	Air Valve Assembly	1
10	905301	Air Valve Body	1
11	905266	Fluid Needle	1
12*	905283	Needle Spring Kit	1
13	905302	Fluid Adjusting Knob	1
14	905200	Circlip (kit of 5)	1
15†	-	Circlip	1
16†	-	O Ring	1

REFERENCE	PART #	DESCRIPTION	QTY
17†	-	Spreader Valve Pin	1
18	905276	Airflow Valve	1
19	905289	Color ID Ring Kit (4 colors)	1
20	905305	Air Inlet	1
21*	-	Trigger Screw	1
22*	-	Trigger Stud	1
23	905306	Trigger, Stud & Screw Kit	1
24	905275	Spreader Valve Assembly	1

\* 905281 - Spray Gun Repair Kit contains all the parts indicated with an asterisk

† 905206 - Seal & Pin Kit, kit of 5 (Item 15, 16 & 17)



For a full detail exploded view, please reference the PROLite service bulletin SB-E-2-996



For more information, visit [binks.com](https://www.binks.com).



## A powerful solution can start with a simple conversation

We want to help build the best solution to your application challenges. Learn more about what we can offer by reaching out to the office nearest you.

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