

# DeVilbiss® PROLite®-S

## Professional Spot Repair Gun

### Delivering controlled high-performance atomization for repair applications

The PROLite-S is famous for exceptional handling, delicate trigger control and the ability to blend solid colors — particularly metallics and special effect colors — over a small area. Combining the fit, feel and balance of the renowned PROLite with the compact dimensions essential in a spot repair gun, minor repairs can be completed to full warranty standards quickly and efficiently with minimal paint, all while maintaining pinpoint color accuracy.

Specifically designed and precision engineered to ensure perfect atomization of all the latest waterborne and solventborne coatings, the PROLite-S is available with a range of high efficiency and HVLP setups. Each is developed specifically to provide versatility for the most popular automotive refinish materials.

The lightweight forged aluminum gun body of the PROLite-S is designed to provide the fit, feel and balance essential to achieve a perfect SMART or Micro repair. The compact front end provides optimum visibility of the fan pattern even when working in restricted spaces. The heavy duty anodized finish of the PROLite-S is designed to provide the durability needed in today's high throughput body shops.

### FEATURES & BENEFITS

- Lightweight and precision-engineered trigger action ensuring excellent control for superb feathering
- Comprehensive range of air cap, fluid nozzle and needle combinations for atomization of all types of waterborne and solventborne materials
- Renowned *DeVilbiss* fit, feel and balance is ensured by the ergonomically designed anodized, forged aluminum gun body
- Combines the performance and durability of a full-size gun with lightweight pinpoint delivery for spot repairs

### APPLICATIONS



*Contact your sales representative to place your order today.*

## Specifications

Weight (gun only)	395g
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-2-998

## Top Assembly Part Numbers

Part Number	Description	Air Cap	Nozzle Size	Material Cup
905081	PROLite-S Gravity HVLP & High Efficiency Micro Gun Kit	MC1, HV5	0.6mm	125ml, Acetal
905082	PROLite-S Gravity HVLP & High Efficiency Gun Kit	HV5, TE5	1.0mm	125ml, Acetal

## 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	
TE5	High Efficiency	Repair	29	2.0	3.5	100	4.0-7.0	100-180	0.8mm-1.4mm
HV5	HVLP	Repair	29	2.0	4.8	135	2.5-6.5	60-160	0.6mm-1.4mm
MC1	High Efficiency	Repair	15	1.0	1.8	50	.25-1.0	6-25	0.6mm
RS1	High Efficiency	Repair	29	2.0	1.9	55	1.0-2.0	25-50	0.8mm-1.4mm

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

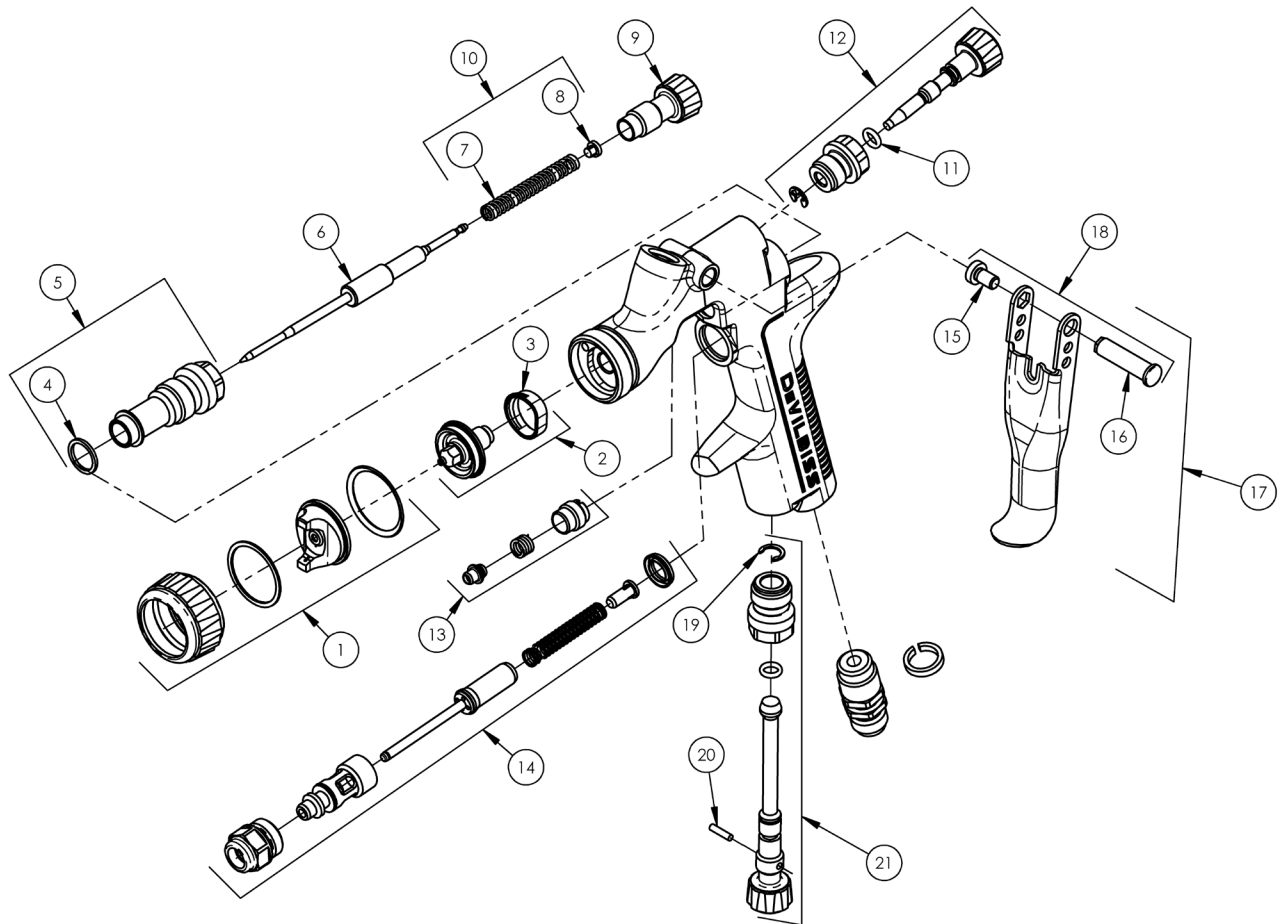
## Table 1: Parts & Accessories

Part Number	Description	Part Number	Description
905316	TE5 Air Cap with Retaining Ring Assembly	905321	Micro Fluid Nozzle 0.6mm
905313	HV5 Air Cap with Retaining Ring Assembly	905325	PROLite-S Micro Fluid Needle for 0.6mm Nozzle
905314	MC1 Air Cap with Retaining Ring Assembly	905279	PROLite-S Spray Gun Repair Kit
905315	RS1 Air Cap with Retaining Ring Assembly	905307	Torx & Flat Blade Screwdriver for Trigger & Needle Packing
905317	0.8mm Fluid Nozzle	803291	HAV-555 - Air Inlet Adjustment Valve with Digital Readout
905318	1.0mm Fluid Nozzle	180089	HAV-511 - Air Inlet Adjustment Valve with Analog Readout
905319	1.2mm Fluid Nozzle	905311	Acetal Gravity Cup - 125ml
905320	1.4mm Fluid Nozzle	802206	DPC-23 - DeKups <sup>®</sup> Adaptor
905323	PROLite-S Fluid Needle for 0.8 & 1.0mm Nozzles	803747	SNF-23 - SNAP N FLOW <sup>™</sup> Adaptor
905324	PROLite-S Fluid Needle for 1.2 & 1.4mm Nozzles		

## DeVilbiss<sup>®</sup> PROlite-S Exploded Reference Legend

Reference	Part Number	Description	QTY	Reference	Part Number	Description	QTY
1	See Table 1	Air Cap & Retaining Ring	1	12	905326	Spreader Valve Assembly	1
2	See Table 1	Fluid Nozzle & Separator	1	13*	905294	Packing, Spring & Packing Nut Kit	1
3*	905322	Separator (kit of 5)	1	14	905293	Air Valve Assembly	1
4*	-	Body Bushing Seal	1	15*	-	Trigger Stud Screw (T20 Torx)	1
5	905300	Body Bushing & Seal	1	16*	-	Trigger Stud	1
6	See Table 1	Fluid Needle	1	17	905298	Trigger, Stud & Screw Kit	1
7*	-	Needle Spring	1	18	905295	Stud & Screw Kit (kit of 5)	1
8*	-	Needle Spring Pad	1	19*	-	Circlip	1
9	905304	Fluid Adjusting Knob	1	20*	-	Spreader Valve Pin	1
10	905299	Spring & Pad (kit of 3)	1	21*	905278	Airflow Valve	1
11*	-	Spreader Valve Seal	1				

\* 905279 - Spray Gun Repair Kit contains all the parts indicated with an asterisk



For a full detail exploded view, please reference the PROlite-S service bulletin SB-E-2-998

# Innovation *Applied*

## The brands you trust

*DeVilbiss*® Automotive Refinishing is a Carlisle Fluid Technologies brand featuring renowned *DeVilbiss*® fit, feel and balance combined with exceptional performance. *DeVilbiss*® brand products include low-pressure manual and automatic spray guns and related accessories, including air filter reducing valves and regulators, and hoses.

Carlisle Fluid Technologies, a wholly-owned subsidiary of Carlisle Companies Incorporated, is dedicated to providing customers industry-leading solutions for the supply, control, application and curing of a wide range of paints, powders, sealants, adhesives, foams and other application materials. Focused on efficient, cost-effective global solutions for the transportation and other industrial markets, the company offers an expanding collection of pioneering product brands — *DeVilbiss*®, *Ransburg*®, *ms*®, *BGK*®, *Binks*® and *Hosco*®.

## Let's start a conversation

We want to work together to help answer your application challenges. To learn more about what we can offer, visit our website or call us today.



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