



DeVilbiss® FLG™

General Purpose Spray Gun

General purpose spray gun for a wide range of refinish paints and coatings

The *DeVilbiss* FLG is a low cost, general purpose spray gun solution for use with a wide range of refinish paints and coatings.

It's suitable for most routine spray jobs in the refinish workshop, as well as handling DIY enthusiasts' projects. This versatile gun is available in gravity and suction feed spray setups for batch applications, as well as a pressure feed option for larger project areas requiring fast coverage without the added downtime of re-filling small cups.

FEATURES & BENEFITS

- Full control of pattern shape, fluid flow rate and air inlet pressure for consistent application
- Ergonomic gun handle shape for balance, grip and comfort
- Smooth action trigger with exceptionally light pull for reduced fatigue during long operation
- Efficient atomization technology for reduced material usage
- Flexible setup options of gravity, suction or pressure feed to meet your needs

APPLICATIONS

- Primer
- Basecoat
- Clearcoat

Contact your sales representative to place your order today.



Specifications

| | |
|---|-------------------------|
| Weight (gravity gun only) | 465g |
| Weight (pressure gun only) | 485g |
| Gun Body | 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-2-999 |

Top Assembly Part Numbers

| Part Number | Description | Air Cap | Nozzle Size | Material Cup | Gauge | Material Feed |
|-------------|---------------------------|---------|---------------------|---------------------------|---------|---------------|
| 905161 | FLG Pressure HVLP Gun Kit | FLG-693 | 1.4mm, 1.8mm | - | HAV-501 | Pressure |
| 905162 | FLG Pressure HVLP Gun Kit | FLG-693 | 1.4mm, 1.8mm | 1L, Aluminum Pressure Cup | - | Pressure |
| 905163 | FLG Gravity HVLP Gun Kit | FLG-693 | 1.3mm, 1.4mm, 1.8mm | 560ml, Acetal | HAV-501 | Gravity |
| 905165 | FLG Gravity HVLP Gun Kit | FLG-693 | 1.8mm, 2.0mm | 560ml, Acetal | - | Gravity |



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 | |
| Gravity Feed | | | | | | | | | |
| FLG-693 | HVLP | All Purpose | 26 | 1.75 | 12.0 | 340 | 11.0-12.0 | 285-300 | 1.3mm-2.0mm |
| FLG-5 | High Efficiency | All Purpose | 35 | 2.4 | 9.9 | 280 | 11.0-12.0 | 285-300 | 1.3mm-2.0mm |
| Pressure Feed | | | | | | | | | |
| FLG-693 | HVLP | All Purpose | 26 | 1.75 | 12.0 | 340 | 11.0-12.0 | 285-300 | 1.1mm-1.8mm |
| FLG-622 Pressure Feed Only | High Efficiency | All Purpose | 35 | 2.4 | 9.9 | 280 | 10.0-12.0 | 265-300 | 1.1mm-1.8mm |
| Suction Feed | | | | | | | | | |
| FLG-693 | HVLP | All Purpose | 26 | 1.75 | 12.0 | 340 | 11.0-12.0 | 285-300 | 1.8mm |
| FLG-5 | High Efficiency | All Purpose | 35 | 2.4 | 9.9 | 280 | 11.0-12.0 | 285-300 | 1.8mm |

Refer to autorefinishdevilbiss.com for a complete listing of approved areas and requirements for regulatory compliance.

Table 1: Parts & Accessories

| Part Number | Description | Part Number | Description |
|-------------|---|---|--|
| 905334 | FLG-693 Air Cap | Suction Feed Setup Components (FLG-693 & FLG-5 Air Caps) | |
| 905332 | FLG-5 Air Cap | 905344 | 1.8mm Suction Fluid Nozzle |
| 905333 | FLG-622 Air Cap | 905351 | FLG Suction Fluid Needle for 1.8mm Nozzle |
| 905345 | FLG Retaining Ring | Gravity Feed Setup Components (FLG-693 & FLG-5 Air Caps) | |
| 905352 | Fluid Nozzle Seal (pack of 10) | 905340 | 1.3mm Gravity Fluid Nozzle |
| 905335 | FLG Gravity/Suction Feed Baffle Replacement Kit | 905341 | 1.4mm Gravity Fluid Nozzle |
| 905336 | FLG Pressure Feed Baffle Replacement Kit | 905344 | 1.8mm Gravity Fluid Nozzle |
| 905337 | FLG Gravity/Suction Spray Gun Repair Kit | 905342 | 2.0mm Gravity Fluid Nozzle |
| 905338 | FLG Pressure Spray Gun Repair Kit | 905348 | FLG Gravity Fluid Needle for 1.3 & 1.4mm Nozzles |
| 180006 | Air Inlet Adjustment Valve with Analog Readout | 905349 | FLG Gravity Fluid Needle for 1.8mm Nozzle |
| 905204 | Acetal Gravity Cup - 560ml | 905350 | FLG Gravity Fluid Needle for 2.0mm Nozzle |
| 702576 | Aluminum Gravity Cup - 900ml | Pressure Feed Setup Components (FLG-693 & FLG-622 Air Caps) | |
| 905353 | Suction Cup & Lid Assembly | 905343 | 1.1mm Pressure Fluid Nozzle |
| 802200 | DPC-43 - DeKups® Adaptor (Gravity Feed Guns) | 905341 | 1.4mm Pressure Fluid Nozzle |
| 803750 | SNF-43 - SNAP N FLOW™ Adaptor (Gravity Feed Guns) | 905344 | 1.8mm Pressure Fluid Nozzle |
| | | 905346 | FLG Pressure Fluid Needle for 1.1mm Nozzle |
| | | 905347 | FLG Pressure Fluid Needle for 1.4mm Nozzle |
| | | 905351 | FLG Pressure Fluid Needle for 1.8mm Nozzle |

DeVilbiss® FLG Exploded Reference Legend

| Reference | Part Number | Description | QTY |
|-----------|-------------|------------------------------|-----|
| 1 | 905345 | Retaining Ring | 1 |
| 2 | See Table 1 | Air Cap | 1 |
| 3 | See Table 1 | Fluid Nozzle | 1 |
| 4**† | - | Gasket | 1 |
| 5**† | - | Sprayhead, Gravity & Suction | 1 |
| | | Sprayhead, Pressure Only | 1 |
| 6* | - | Needle Packing | 1 |
| 7*† | - | Seal | 2 |
| 8*† | - | Valve Seat | 1 |
| 9*† | - | Air Valve Stem | 1 |
| 10*† | - | Air Valve Spring | 1 |
| 11 | See Table 1 | Fluid Needle | 1 |
| 12† | - | Gasket | 1 |

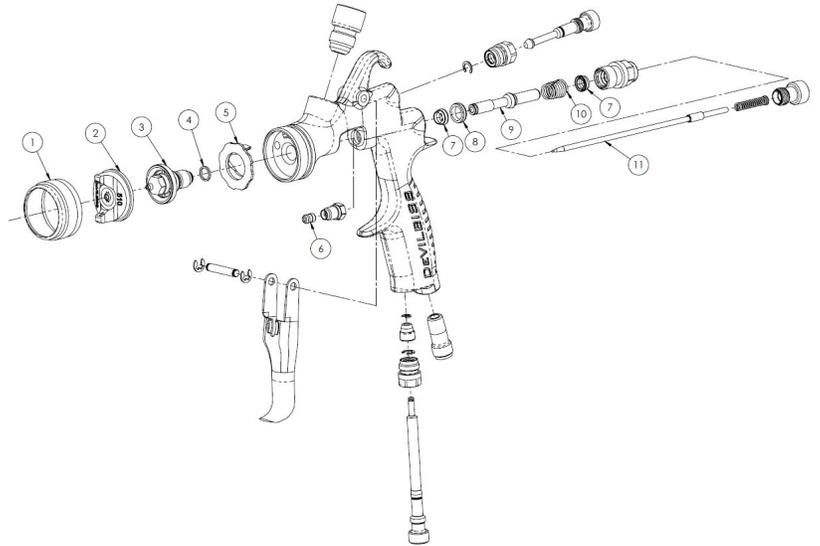
905335 - Gravity/Suction Gun Baffle Replacement Kit (Items 4 & 5)

905336 - Pressure Gun Baffle Replacement Kit (Items 4 & 5)

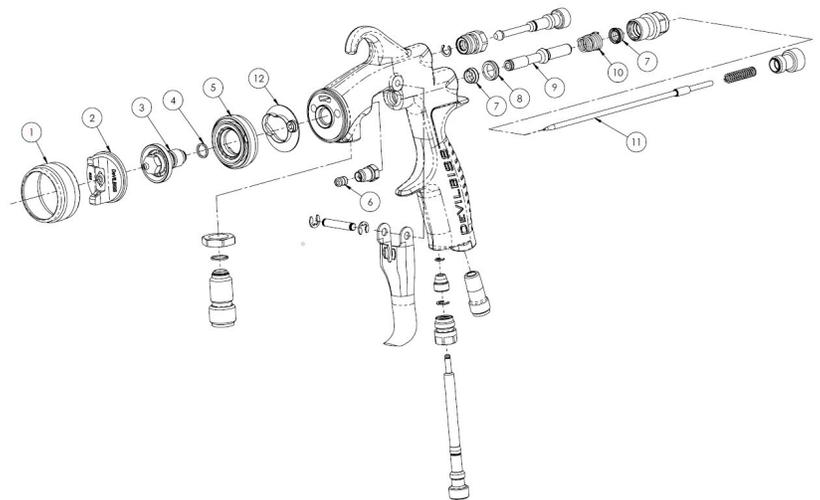
* 905337 - Gravity/Suction Gun: Seal, Baffle & Gasket Replacement Kit (Items 4, 5, 6, 7, 8, 9 & 10)

† 905338 - Pressure Gun: Seal, Baffle & Gasket Replacement Kit (Items 4, 5, 7, 8, 9, 10 & 12)

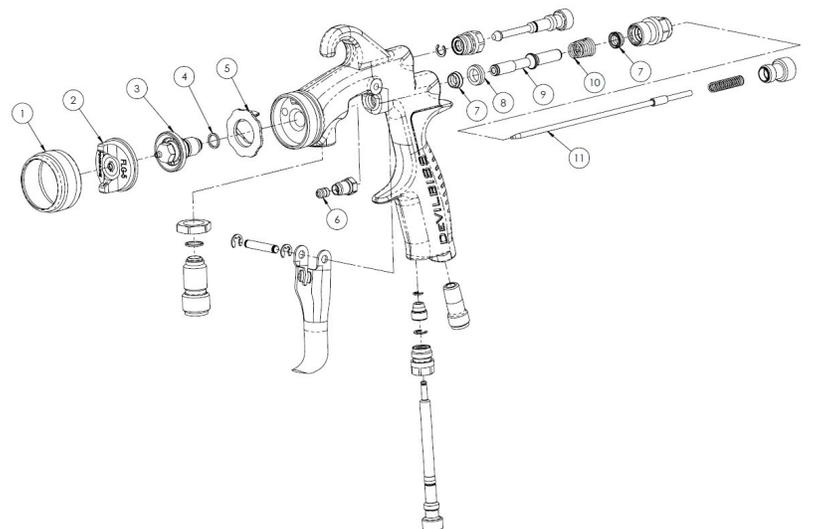
FLG Gravity Feed Spray Gun



FLG Pressure Feed Spray Gun



FLG Suction Feed Spray Gun



For a full detail exploded view, please reference the FLG service bulletin SB-E-2-999

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.

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