

NEW!

DEVILBISS

VTX HVLP Spray Gun

VTX HVLP Spray Gun

- Reduced mottling with dye and toner stains
- 99% Color repeatability of most NGR stains
- Uniform coverage of top coats
- 50% less trigger pull

Working in conjunction with coating companies and furniture manufacturers, DeVilbiss atomization engineers have designed an innovative solution to reduce the incidence of mottling, a cloudy or blotchy finish appearance typically seen when spraying various non-grain-raising dye, toner stains, and semi wipes with standard HVLP guns. The gun also achieves outstanding results when applying light to medium topcoats with a viscosity between 18 and 28 seconds on a No. 2 Zahn.

The new DeVilbiss VTX spray gun uses a unique and patented 3-stage atomization technology to overcome the effects of mottling. Independent testing has confirmed the VTX provides:

- Highly consistent, uniform spray patterns
- Enhanced process control capability
- Improved finish quality and appearance
- Additional operator comfort with a 50% reduction in dynamic trigger pull.

The VTX is designed to handle both thin and thick wood finishing stains and is the first DeVilbiss product to use Jet Impingement Atomization (JIA) technology. In this process, the stain is:

1) hydraulically preatomized in an internal impingement orifice, creating a vortex; 2) a hollow fluid bulb is then formed as a result of the vortex; and 3) the stain is finely atomized with a 2000 air cap and baffle combination. These steps ensure highly consistent and uniform spray patterns. The VTX design also provides maximum transfer efficiency and complies with rules issued by SCAQMD and other air quality authorities.

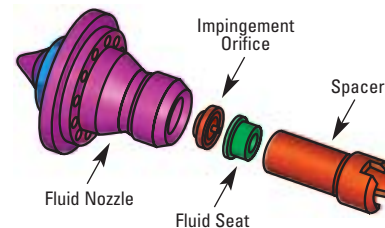
Ordering Information

The VTX spray gun set up requires only one fluid needle and nozzle set-up for this application, and is equipped with an in-line 100 mesh mini-strainer to ensure a clean supply of material to the internal impingement chamber.

Model No. VTX-1
Gun Repair Kit KK-5085



Fluid Nozzle Assembly:



Technical Specifications:

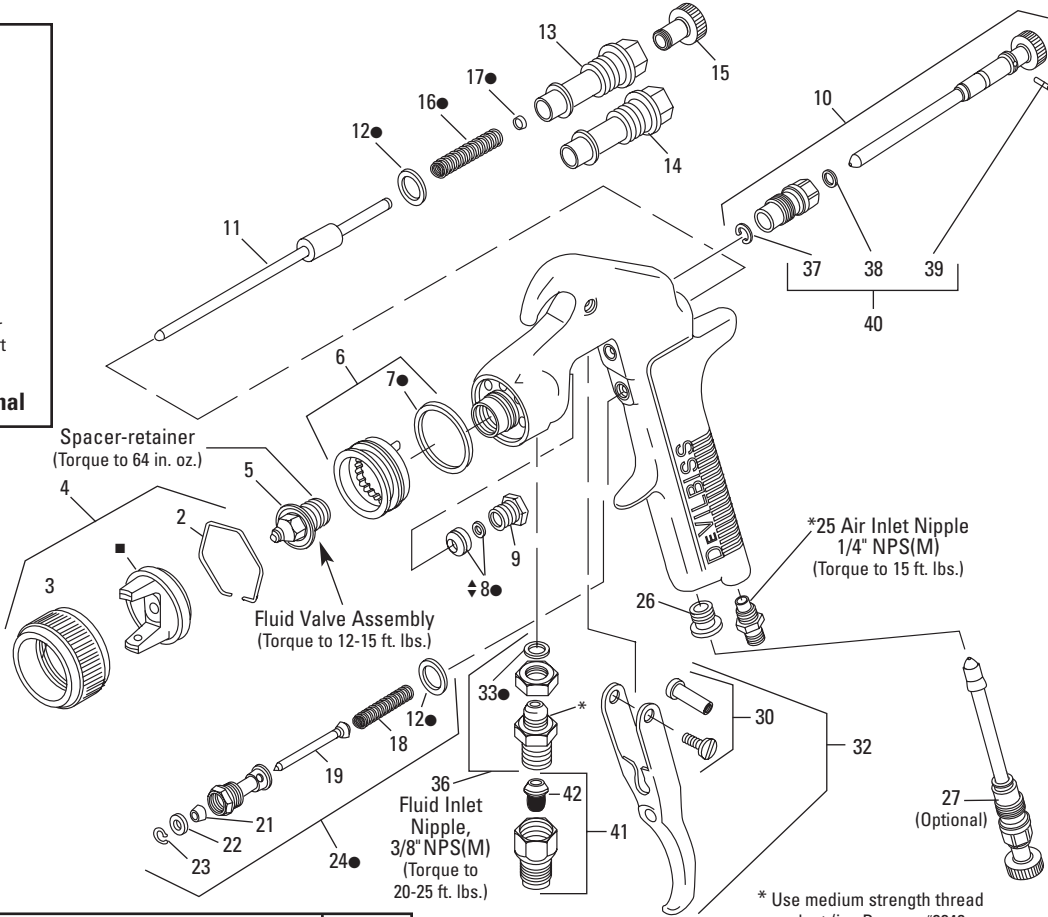
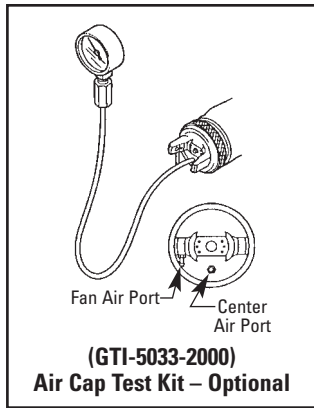
| | |
|-------------------------------|--|
| Maximum Air Pressure: | 100 psi |
| For HVLP Compliance: | 30 psi inlet pressure delivers 10 psi air cap pressure at 16 cfm |
| Maximum Fluid Inlet Pressure: | 60 psi |
| Gun Body: | Drop Forged Aluminum |
| Wetted Parts: | Stainless Steel, Delrin |
| Air Inlet Size: | 1/4" NPS(M) |
| Fluid Inlet Size: | 3/8" NPS(M) |
| Weight: | 21.6 oz (610 g) |
| Feed Type: | Pressure |
| Service Bulletin: | SB-2-282 |
| Gun Repair Kit: | KK-5085 |

VTX HVLP Spray Gun

Patent pending
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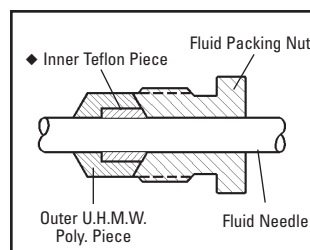
Customer Service 1.800.992.4657

| Ref. No. | Model No. | Description | Ind. Parts Required |
|----------|---------------|--|---------------------|
| 2 | JGA-156-K10 | Spring Clip (Kit of 10) | 1 |
| 3 | GTI-3 | Air Cap Retaining Ring | 1 |
| 4 | See Chart 1 | Air Cap and Retaining Ring | 1 |
| 5 | VTX-2 | Fluid Nozzle Assembly | 1 |
| 6 | GTI-425 | Baffle Assembly | 1 |
| *7 | GTI-33-K5 | Baffle Seal (Kit of 5) | 1 |
| *8 | JGV-463-K3 | Needle Packing Assembly (Kit of 3) | 1 |
| 9 | 34411-122-K10 | Fluid Needle Packing Nut (Kit of 10) | 1 |
| 10 | GTI-405 | Spreader Valve | 1 |
| 11 | VTX-9 | Fluid Needle | 1 |
| *12 | JGS-72-K10 | Gasket Kit (Teflon) (Kit of 10) | 2 |
| 13 | JGA-17 | Gun Body Bushing | 1 |
| +14 | VTX-10 | Gun Body Bushing (Optional) | 1 |
| 15 | GTI-4 | Adjusting Screw | 1 |
| *16 | MSA-4-K10 | Spring (Kit of 10) | 1 |
| 17 | — | Spring Pad | 1 |
| *24 | JGS-449-1 | Air Valve Assembly | 1 |
| 25 | MSA-3 | Air Inlet Nipple 1/4" NPS(M) | 1 |
| 26 | JGA-132 | Plug | 1 |
| 27 | GTI-415 | Air Adjusting Valve (optional) | 1 |
| 30 | JGS-478 | Stud and Screw Kit (includes 3 studs & 5 screws) | 1 |
| 32 | JGS-477-1 | Trigger Stud, Screw Kit | 1 |
| *33 | — | Fluid Inlet Gasket | 1 |
| 36 | JGA-4044 | Fluid Inlet, Gasket, Nut Kit | 1 |
| 40 | GTI-428-K5 | Clip, Seal & Pin Kit (5 each) | 1 |
| 41 | PLH-MF-6-100 | Mini-strainer (100 mesh) | 1 |
| 42 | PLH-MF-C-100 | Element (100 mesh) | 1 |

* KK-5085 Gun Repair Kit includes a quantity of necessary parts. This kit should be kept on hand for service convenience.
 KK-5086 Feathering Control Kit is available (optional).
 Suffixes -K5, -K10 designate kits of multiple parts.

+ VTX-10 Gun Body Bushing is used in applications where the feathering control is not required. Order separately.

JGV-463 ◆ Packing Assembly



◆ Detail Ref. No 8 – Two piece packing
 ◆ Tapered edge faces out towards packing nut.

■ Chart 1 Air Cap & Baffle Combinations

| No. Stamped on Parts | | Set | | CFM@ Cap Pressure | | | | |
|----------------------|---------------|--------------------|-------------------------|-------------------|-------|-------|-------|--------|
| Air Cap Part No. | Baffle | Ref. No. 4 Air Cap | Ref. No. 6 Baffle Assy. | 2 psi | 4 psi | 6 psi | 8 psi | 10 psi |
| 2000 | (Not Stamped) | GTI-407-2000 | GTI-425 | 7.3 | 10.4 | 12.8 | 14.7 | 16 |



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