

GTi™

HVLP PRESSURE AND SUCTION FEED



GTi HVLP Pressure and Suction Feed

Order No. Model No.	Fluid Tip (mm)	Air Cap	Applications
170161 (Suction) GTI-620S	2.0	2000	Base coats 20-25 psi inlet pressure Low and high solids, clear coats and single stages 25-30 psi inlet pressure
170159 (Pressure) GTI-520P-11	1.1	2000	Low-to-medium solids Up to 12 oz./min.
NEW! 170165 (Pressure) GTI-546P-14	1.4	46MP	High solids 12-16 oz./min.

DEVILBISS

- **Advanced technology for the professional painter**
- **Precision engineered patented #2000 and #46 MP air caps** – Meets exacting performance demands, producing an extremely fine finish with all materials. Developed in conjunction with top American and European automotive paint companies to spray the latest materials
- **Large spray pattern** for fast coverage
- **Even distribution of metallics for no mottling or striping** – Excellent color matching capabilities
- **Optimum atomization for clearcoats and single stages** – Produces a high gloss finish and minimizes orange peel. Excellent fluid control for applying more film build with fewer passes
- **Lightweight and comfortable** – Classic fit and feel, yet lighter weight
- **Extremely economical servicing** – Air cap, fluid tips and needle are fully interchangeable and available separately
- **Highly efficient HVLP design** – Complies with environmental regulations requiring high volume, low pressure. Saves material. Very little overspray
- **Low air pressure and volume requirements**
- **Easy to clean** – Plated gun body is gun washer safe and maintains its “like new” appearance
- **Stainless steel fluid tip and needle**
- **For two-quart pressure feed outfit, order** – GTi Pressure Feed Gun (see selection lower left corner) Two-quart remote cup (120033/KB-555) 6’ air and fluid hose assembly (220019/KB-4006)

- **Suction Feed Gun also includes:**
TGC one-quart cup (120011/TGC-545)
Air adjusting valve with gauge (180006/HAV-501)
Air cap cleaning kit, spray lube

Specifications

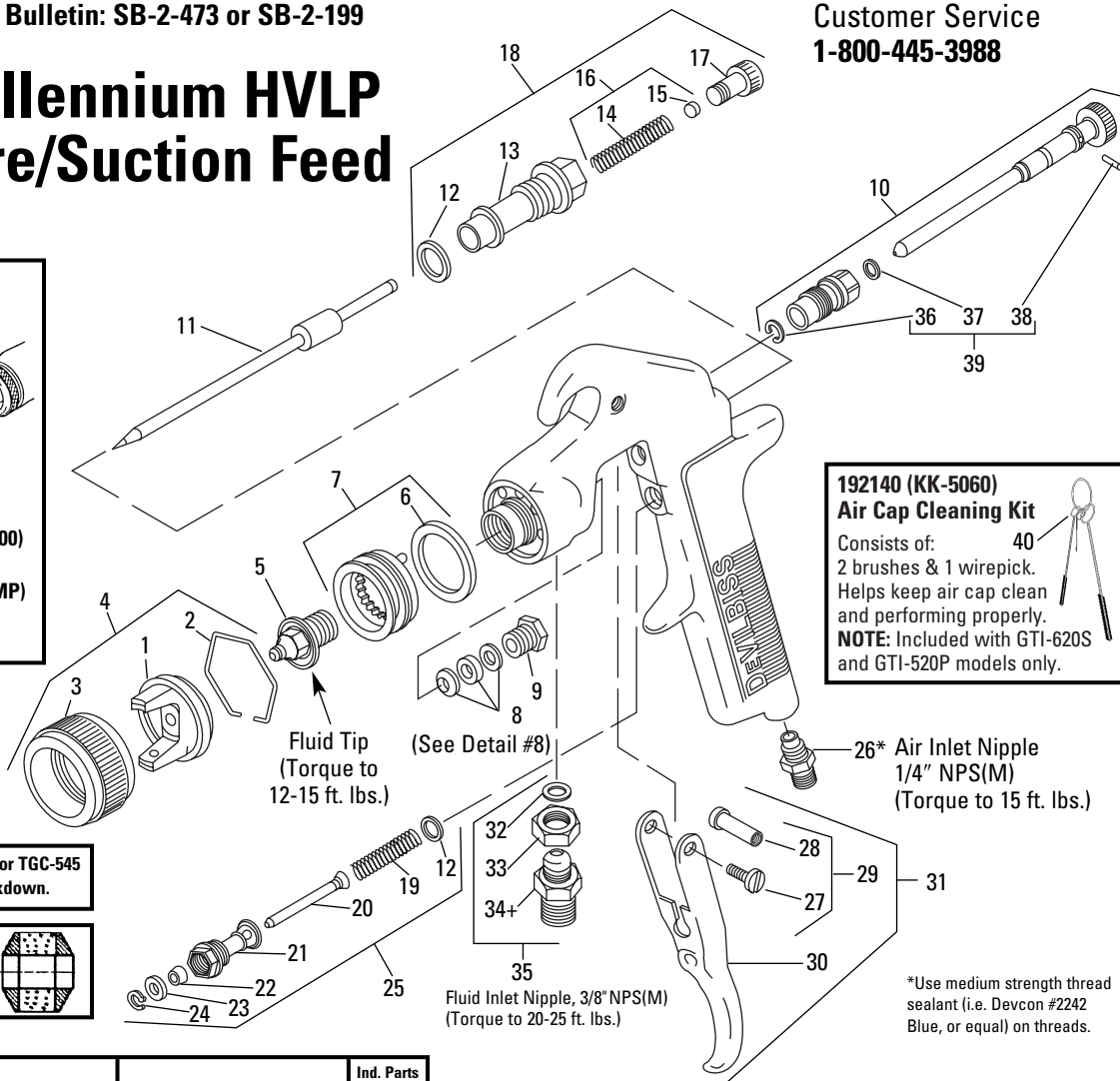
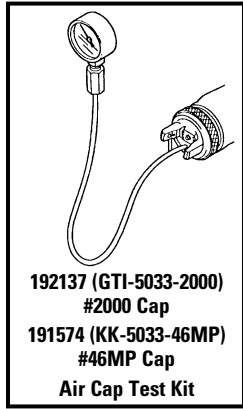
2000 Air Cap
30 psi inlet pressure delivers
10 psi air cap pressure at
15.5 cfm air volume

192137 (GTI-5033-2000) Air Cap Test Kit (Order Separately)
Provides consistent setup and regulatory proof of air cap pressure.

46MP Air Cap

50 psi inlet pressure delivers
10 psi air cap pressure at
22.5 cfm air volume required
191574 (KK-5033-46MP) Air Cap Test Kit (Order separately)
Provides consistent setup and regulatory proof of air pressure

GTi™ Millennium HVLP Pressure/Suction Feed



**192140 (KK-5060)
Air Cap Cleaning Kit**
Consists of: 40
2 brushes & 1 wirepick.
Helps keep air cap clean
and performing properly.
NOTE: Included with GTI-620S
and GTI-520P models only.

**NOTE: See Section F-2 for TGC-545
Suction Cup parts breakdown.**

DETAIL #8
3-Piece Needle
Packing Assembly

Ref. No.	Order No.	Model No.	Description	Ind. Parts Required
1	—	—	Air Cap	1
2	191972	JGA-156-K10	Spring Clip (Kit of 10)	1
3	192042	GTI-3	Air Cap Retaining Ring	1
4	See Chart 1	See Chart 1	Air Cap and Retaining Ring	1
5	See Chart 2 or 3	See Chart 2 or 3	Fluid Tip	1
*6	192179	GTI-33-K5	Baffle Seal (Kit of 5)	1
7	See Chart 1	See Chart 1	Baffle Assembly	1
*8	192109	JGA-4035-K5	Packing (Kit of 5)	1
9	190893	34411-122-K10	Packing Nut	1
10	192051	GTI-405	Spreader Valve	1
11	See Chart 2 or 3	See Chart 2 or 3	Fluid Needle	1
*12	190161	JGS-72-K10	Gasket Kit (Teflon) (Kit of 10)	2
13	—	—	Body Bushing	1
*14	—	—	Fluid Needle Spring	1
*15	—	—	Spring Pad	1
16	190894	MBD-19-K10	Spring and Pad (Kit of 10)	1
17	192043	GTI-414	Needle Adjusting Screw	1
18	192139	KK-5059	Bushing, Spring, Pad & Knob Kit	1
*19	—	—	Air Valve Spring	1
*20	—	—	Air Valve	1
21	—	—	Air Valve Body	1
*22	—	—	U Cup Seal	1
*23	—	—	Washer	1
*24	—	—	Snap Ring	1
25	190780	JGS-449-1	Air Valve Assembly	1
*26	190287	P-MB-51	Air Inlet Nipple 1/4" NPS(M)	1
27	—	—	Trigger Stud Screw	1
28	—	—	Trigger Stud	1
29	190889	JGS-478	Stud and Screw Kit	1
30	—	—	Trigger	1
31	191943	JGS-477-1	Trigger Stud, Screw Kit	1
*32	—	—	Fluid Inlet Gasket (Teflon)	1
33	—	—	Locknut	1
*34	—	—	Fluid Inlet Adapter	1
35	190888	JGA-4042	Fluid Inlet, Gasket, Nut Kit	1
*36	—	—	Retaining Clip	1
*37	—	—	Seal	1
*38	—	—	Pin	1
39	192229	GTI-428-K5	Clip, Seal & Pin (Kit of 5 Each)	1
40	192140	KK-5060	Air Cap Cleaning Kit	1

* 192227 (KK-5058-2) Gun Repair Kit includes a quantity of necessary parts.
+ Use medium strength thread sealant (i.e. Devcon #2242 Blue or equal) on threads.

Suffixes: -K5 designates kit of multiple parts. Example: JGA-4035-K5 is a kit of 5 packings.

Chart 1 (Air Cap and Baffle Combinations)

No. Stamped on Parts		Set		CFM@ Cap Pressure				
Air Cap Part No.	Baffle	Ref. No. 4 Air Cap	Ref. No. 7 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	16.5
46MP	46	GTI-407-46MP	*JGPV-401-46-50	8.5	13.0	16.5	19.8	22.5

NOTE: Baffle Seal NOT used with GTI-546P gun (46MP air cap).

Chart 2 (Suction)

Fluid Needle Order No.	Fluid Needle Model No.	Tip Size I.D. in.	Tip Size I.D. mm
192054	GTI-413		
Fluid Tip Order No.	Fluid Tip Model No.	Tip Size I.D. in.	Tip Size I.D. mm
192124	GTI-213-12	.047	1.2
192134	GTI-213-13	.051	1.3
192044	GTI-213-14	.055	1.4
192135	GTI-213-15	.059	1.5
192045	GTI-213-16	.063	1.6
192046	GTI-213-18	.070	1.8
192047	GTI-213-20	.079	2.0
192132	GTI-213-22	.086	2.2

*NOTE: Gun Repair Kit 192227 (KK-5058-2) Contains:

Ref. No.	Description	Qty.
6	Baffle Seal	1
8	Packing	1
12	Gasket Kit	2
14	Fluid Needle Spring	1
15	Spring Pad	1
19	Air Valve Spring	1
20	Air Valve	1
22	U Cup Seal	1
23	Washer	1
24	Snap Ring	1
32	Fluid Cup Gasket	1
36	Retaining Clip	1
37	Seal	1
38	Pin	1

Chart 3 (Pressure)

Fluid Tip and Needle Order No.	Fluid Tip and Needle Model No.	Tip Size I.D. in.	Tip Size I.D. mm
191517	JGA-4045-FF	.055	1.4
191518	JGA-4045-FX	.043	1.1

If this No. is on Needle, order →	If this No. is on Tip, order →	Matched Fluid Tip and Needle Assembly
JGA-402-FF	AV-2120-FF	JGA-4045-FF
JGA-402-FX	AV-2120-FX	JGA-4045-FX



ITW Automotive Refinishing
An Illinois Tool Works Company
1724 Indian Wood Circle, Suite J-K
Maumee, OH 43537-4048
Telephone 419-891-8100
Fax 419-891-8110
www.devilbiss.com

