

Parts Replacement/Maintenance

Chart 1 – Air Caps

| ORDER NO. FOR AIR CAP | TECHNOLOGY | MARKING ON AIR CAP | NOMINAL OPERATING GUN INLET PRESSURE BAR/PSI | AIR FLOW LPM/SCFM |
|-----------------------|-----------------|--------------------|--|-------------------------|
| 703621 | HVLP | HV40 | (1.2) / 17 (for compliance) | (298) / 10.5 |
| 703539 | High Efficiency | TE20 | (1.8 - 3.5) / 26 - 50 | (340 - 550) / 12 - 19.4 |
| 703626 | High Efficiency | TE40 | (2.0 - 3.5) / 29 - 50 | (368 - 550) / 13 - 19.4 |

NOTE 1: Guns with HVLP caps must not exceed 0.7 bar (10 psi) air cap pressure with gun fully triggered. (Approximately 17 psi gun inlet pressure.) (See accessories for air cap test kit which is available to set the exact cap pressure.)

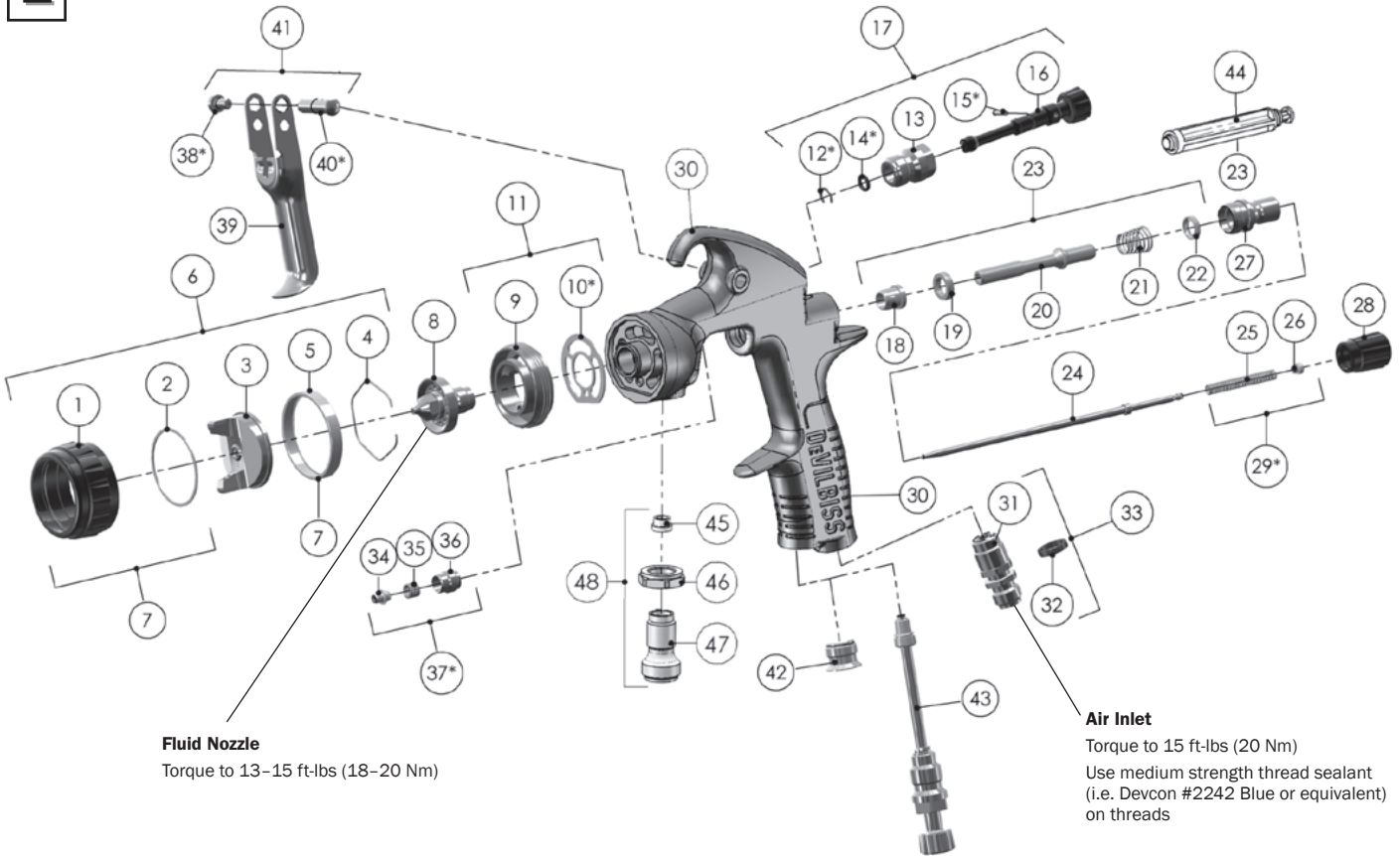
When used with high efficiency caps and Automotive Refinishing materials, these spray guns have been found to exceed 65% transfer efficiency under recommended conditions.

NOTE 2: When removing air cap from retaining ring, don't remove slip ring (2) or retaining ring seal (5) from retaining ring. Damage to the parts may occur. Slip ring and retaining ring seal are not available as replacements. Simply wipe parts clean and reassemble with new or clean air cap.

Chart 2 – Fluid Nozzles & Fluid Needles

| ORDER NO. FOR FLUID NOZZLE | PART NO. ON FLUID NOZZLE | PART NO. ON FLUID NEEDLE | ORDER NO. FOR FLUID NEEDLE |
|----------------------------|--------------------------|--------------------------|----------------------------|
| 703627 | PRO-205-10 | PRO-320-085-10 | 703629 |
| 703628 | PRO-205-12 | PRO-320-12-14 | 703623 |
| 703622 | PRO-205-14 | | |

NOTE: When replacing the fluid nozzle or fluid needle, replace both at the same time. Lightly lubricate the threads of the fluid nozzle before reassembling. Torque to 18–20 Nm (13–15 ft-lbs). Don't over tighten the fluid nozzle. Use 10 mm wrench supplied with gun.



Fluid Nozzle
Torque to 13-15 ft-lbs (18-20 Nm)

Air Inlet
Torque to 15 ft-lbs (20 Nm)
Use medium strength thread sealant (i.e. Devcon #2242 Blue or equivalent) on threads

| REF. NO. | DESCRIPTION | PART NO. | QTY |
|----------|--------------------------------|-----------------|-----|
| 1 | Air Cap Retaining Ring | | 1 |
| 2 | Slip Ring | | 1 |
| 3 | Air Cap | | 1 |
| 4 | Air Cap Retaining Clip | 191972 | 1 |
| 5 | Retaining Ring Seal | | 1 |
| 6 | Aircap & Ring | See chart 1 p11 | 1 |
| 7 | Air Cap Retaining Ring & Seals | 702725 | 1 |
| 8 | Fluid Nozzle | See chart 2 p11 | 1 |
| 9 | Spray head | | 1 |
| *10 | Spray head Seal | 702726 | 1 |
| 11 | Spray head kit | 703529 | 1 |
| *12 | Circlip | | 1 |
| 13 | Valve Body | | 1 |
| *14 | O Ring | | 1 |
| *15 | Spreader Valve Pin | | 1 |
| 16 | Spreader Valve Adjusting Knob | | 1 |
| 17 | Spreader Valve Assembly | 703630 | 1 |
| 18 | Front Valve Seal | | 1 |
| 19 | Valve Seat | | 1 |
| 20 | Spindle | | 1 |
| 21 | Air Valve Spring | | 1 |
| 22 | Rear Valve Seal | | 1 |
| 23 | Air Valve Kit | 703530 | 1 |
| 24 | Fluid Needle | See chart 2 p11 | 1 |
| 25 | Needle Spring | | 1 |
| 26 | Spring Pad | | 1 |
| 27 | Housing & Seal Kit | 703532 | 1 |
| 28 | Fluid Adjusting Knob | 703533 | 1 |
| *29 | Needle Spring Kit | 703534 | 1 |
| 30 | Gunbody | | 1 |
| 31 | Air Inlet | | 1 |

| REF. NO. | DESCRIPTION | PART NO. | QTY |
|--|--|----------|-----|
| 32 | Colour ID Ring Kit (4 Colours) | 702735 | 1 |
| 33 | Air Inlet Kit | 702734 | 1 |
| 34 | Needle Packing | | 1 |
| 35 | Packing Spring | | 1 |
| 36 | Packing Nut | | 1 |
| *37 | Packing, Spring and Packing Nut Kit | 702731 | 1 |
| *38 | Trigger Screw | | 1 |
| 39 | Trigger | | 1 |
| *40 | Trigger Stud | | 1 |
| 41 | Trigger, Stud & Screw Kit | 703535 | 1 |
| 42 | Plug | | 1 |
| 43 | Cheater Valve (optional) | 702737 | 1 |
| 44 | Air Valve Service Tool (only included in the Air Valve Kit 23) | | |
| 45 | Seal | | 1 |
| 46 | Lock Nut | | 1 |
| 47 | Fluid Inlet | | 1 |
| 48 | Fluid Inlet Kit | 703631 | 1 |
| SERVICE PARTS | | | |
| Spray Gun repair kit (includes items marked *) | | 703536 | |
| Seal and Pin Kit, kit of 5 (items 12, 14 and 15) | | 192229 | |