

# TEKNA® Clearcoat

## THE NEW STANDARD FOR CLEARCOAT APPLICATION



### Includes:

- TE25 (High Efficiency) and HV30 (HVLV) air caps
- Multiple fluid tips
- Digital Gauge with air adjusting valve (HAV-555)
- Gun wrench and color ID rings



Waterborne compatible when using a plastic or disposable cup system.



| Order No. | Fluid Tips       | Cup      | Air Caps                |
|-----------|------------------|----------|-------------------------|
| 704198    | 1.2, 1.3 & 1.4mm | Uncupped | TE25 (HE) & HV30 (HVLV) |

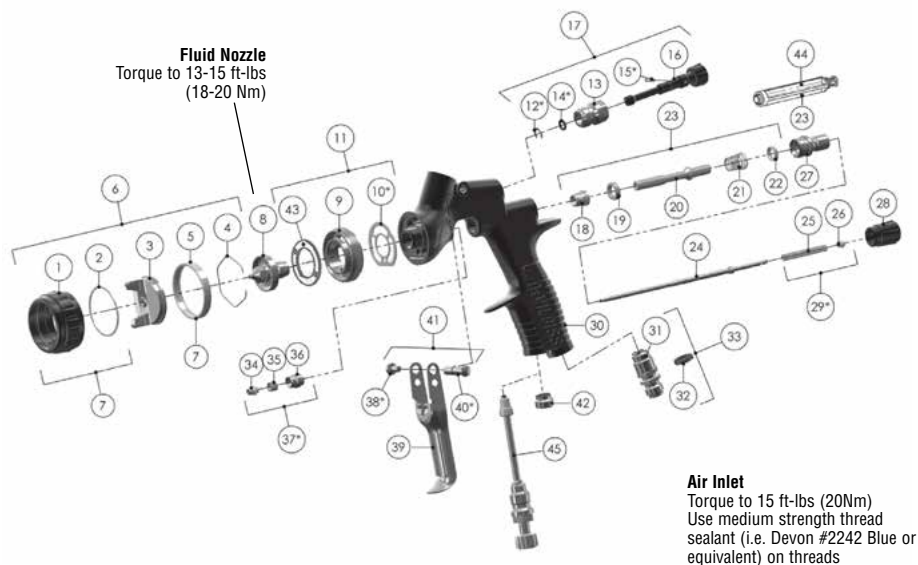
\* Uncupped guns include disposable cups adapter

### TEKNA® Clearcoat Air Caps

|                            |                                                                                                                         |                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>TE25 air cap (HE)</b>   | <b>Suitable for all types of clearcoats</b><br>Air Cap Order/Model No. <b>704200</b><br>11 – 13 CFM @ 22 – 29 PSI inlet | <b>Air Cap Pattern 12-13"</b> |
| <b>HV30 air cap (HVLV)</b> | <b>Clearcoats</b><br>Air Cap Order/Model No. <b>703540</b><br>13 – 15 CFM @ 20 – 24 PSI inlet                           | <b>Air Cap Pattern 13-14"</b> |
| <b>Fluid Tips</b>          | 1.2mm, 1.3mm, 1.4mm, 1.5mm                                                                                              |                               |



Refer to Technical Bulletin: TB-1026



### CHART 1 Air Cap Replacement Parts

| Air Cap Order No. | Application | Air Cap No. | Recommended Inlet Pressure BAR/PSI | Air Flow LPM/SCFM             |
|-------------------|-------------|-------------|------------------------------------|-------------------------------|
| 704200            | Clearcoats  | TE25        | 1.5–2.0 bar<br>22–29 psi           | 311 – 368 LPM<br>11 – 13 SCFM |
| 704206            | Clearcoats  | HV30        | 1.4–1.6 bar<br>20–24 psi           | 368 – 424 LPM<br>13 – 15 SCFM |

### CHART 2 Fluid Nozzles

| Fluid Nozzle Order No. | No. on Fluid Nozzle | Tip Size (mm) |
|------------------------|---------------------|---------------|
| 703521                 | PRO-200-12          | 1.2           |
| 703522                 | PRO-200-13          | 1.3           |
| 703523                 | PRO-200-14          | 1.4           |
| 703589                 | PRO-200-15          | 1.5           |

### SERVICE PARTS

|                                                  |        |
|--------------------------------------------------|--------|
| Spray Gun repair kit (includes items marked *)   | 703536 |
| Seal and Pin Kit, kit of 5 (items 12, 14 and 15) | 192229 |

| Ref # | Description                                                    | Part #  | 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                                                  | Chart 1 | 1   |
| 7     | Air Cap Retaining Ring & Seals                                 | 703896  | 1   |
| 8     | Fluid Nozzle                                                   | Chart 2 | 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                                        | 703898  | 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                                                   | Chart 2 | 1   |
| 25    | Needle Spring                                                  |         | 1   |
| 26    | Spring Pad                                                     |         | 1   |
| 27    | Housing & Seal Kit                                             | 703532  | 1   |
| 28    | Fluid Adjusting Knob                                           | 704163  | 1   |
| *29   | Needle Spring Kit                                              | 703534  | 1   |
| 30    | Gunbody                                                        |         | 1   |
| 31    | Air Inlet                                                      |         | 1   |
| 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    | Baffle Plate                                                   | 704162  | 1   |
| 44    | Air Valve Service Tool (only included in the Air Valve Kit 23) |         | 1   |
| 45    | Cheater Valve (optional)                                       | 704164  | 1   |

## TEKNA® Basecoat THE ULTIMATE BASECOAT SPRAY GUN



### Includes:

- HV20 HVLP Air Cap
- Extra needle/nozzle set
- Digital gauge with air adjusting valve (HAV-555)
- Gun wrench and color ID rings

EPA Compliant.  
Approved in most  
HVLP areas.

Waterborne compatible  
when using a plastic or  
disposable cup system.



| Order No. | Fluid Tips | Cup            | Air Caps    |
|-----------|------------|----------------|-------------|
| 703892*   | 1.2, 1.3mm | Uncupped       | HV20 (HVLP) |
| 703893*   | 1.3, 1.4mm | Uncupped       | HV20 (HVLP) |
| 703894    | 1.2, 1.3mm | 900cc Aluminum | HV20 (HVLP) |
| 703895    | 1.3, 1.4mm | 900cc Aluminum | HV20 (HVLP) |

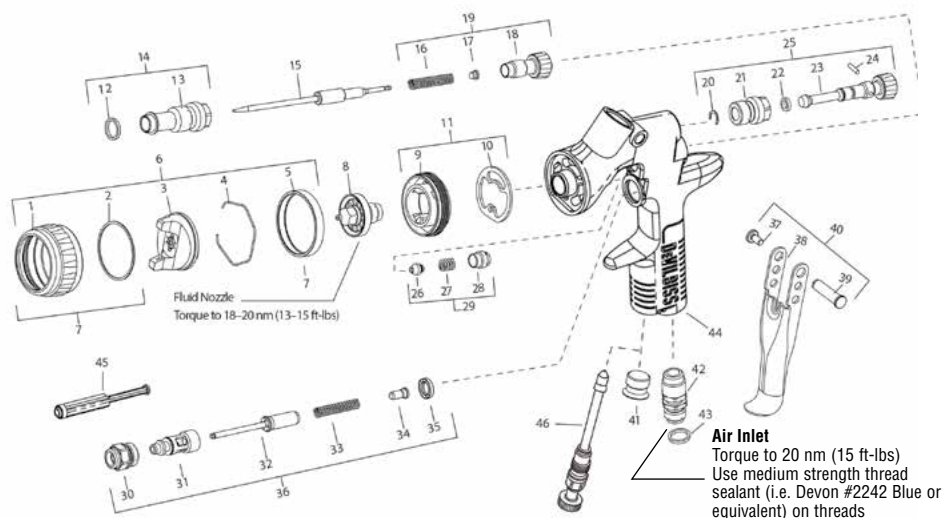
\* Uncupped guns include disposable cups adapter

### TEKNA® Basecoat Air Caps

| HV20 air cap (HVLP) | Solvent and waterborne basecoats<br>Air Cap Order/Model No 703899<br>11.2–13 CFM @ 14–18 PSI inlet | Air Cap Pattern<br>12½" |
|---------------------|----------------------------------------------------------------------------------------------------|-------------------------|
| Fluid Tips          | 1.2mm, 1.3mm, 1.4mm, 1.5mm                                                                         |                         |



Refer to Technical Bulletin: TB-1018



### CHART 1 Air Cap Replacement Parts

| Air Cap Order No. | Application | Air Cap No. | Recommended Inlet Pressure BAR/PSI | Air Flow LPM/SCFM            |
|-------------------|-------------|-------------|------------------------------------|------------------------------|
| 703899            | Basecoats   | HV20        | 1.2–1.3 bar<br>14–18 psi           | 317–368 LPM<br>11.2–13.0 CFM |

### CHART 2 Fluid Nozzles

| Fluid Nozzle Order No. | No. on Fluid Nozzle | Tip Size (mm) |
|------------------------|---------------------|---------------|
| 702711                 | SN-37-11            | 1.1           |
| 702712                 | SN-37-12            | 1.2           |
| 702713                 | SN-37-13            | 1.3           |
| 702714                 | SN-37-14            | 1.4           |
| 702715                 | SN-37-15            | 1.5           |

|                                                  |        |
|--------------------------------------------------|--------|
| Wrench (10 & 14mm)                               | 702740 |
| Seal and Pin Kit, kit of 5 (items 20, 22 and 24) | 192229 |

\* The TEKNA Spray Gun Repair Kit (702736) contains all the parts indicated with an asterisk.

| Ref # | Description                                                       | Part #  | 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     | Air Cap & Ring                                                    | Chart 1 | 1   |
| 7     | Air Cap Retaining Ring & Seals                                    | 703896  | 1   |
| 8     | Fluid Nozzle                                                      | Chart 2 | 1   |
| 9     | Air Separator                                                     |         | 1   |
| *10   | Air Separator Seal (kit of 2)                                     | 702726  | 1   |
| 11    | Air Separator & Seal Kit                                          | 703900  | 1   |
| *12   | Body Bushing Gasket                                               |         | 1   |
| 13    | Body Bushing                                                      |         | 1   |
| 14    | Body Bushing & Gasket                                             | 702728  | 1   |
| 15    | Fluid Needle                                                      | Chart 2 | 1   |
| *16   | Needle Spring                                                     |         | 1   |
| *17   | Needle Spring Pad                                                 |         | 1   |
| 18    | Fluid Adjusting Knob                                              |         | 1   |
| 19    | Fluid Adjusting Knob, Spring, & Pad Kit                           | 703897  | 1   |
| *20   | Retaining Clip                                                    |         | 1   |
| 21    | Spreader Valve Body                                               |         | 1   |
| *22   | O-ring                                                            |         | 1   |
| 23    | Spreader Valve Adjusting Knob                                     |         | 1   |
| *24   | Spreader Valve Pin                                                |         | 1   |
| 25    | Spreader Valve Assembly                                           | 703898  | 1   |
| *26   | Needle Packing                                                    |         | 1   |
| *27   | Packing Spring                                                    |         | 1   |
| *28   | Packing Nut                                                       |         | 1   |
| 29    | Packing, Spring & Packing Nut Kit                                 | 702731  | 1   |
| 30    | Air Valve Body                                                    |         | 1   |
| 31    | Air Valve Cage                                                    |         | 1   |
| 32    | Air Valve Poppet                                                  |         | 1   |
| 33    | Air Valve Spring                                                  |         | 1   |
| 34    | Air Valve Spring Pad                                              |         | 1   |
| 35    | Air Valve Seal                                                    |         | 1   |
| 36    | Air Valve Assembly                                                | 702732  | 1   |
| *37   | Trigger Stud Screw (T20 Star)                                     |         | 1   |
| 38    | Trigger                                                           |         | 1   |
| *39   | Trigger Stud                                                      |         | 1   |
| 40    | Trigger, Stud & Screw Kit                                         | 702733  | 1   |
| 41    | Plug                                                              |         | 1   |
| 42    | Air Inlet                                                         | 702734  | 1   |
| 43    | Colour ID Ring Kit (4 Colours)                                    | 702735  | 1   |
| 44    | Gun Body                                                          |         | 1   |
| 45    | Air Valve Service Tool (only included with Air Valve Assembly 36) |         |     |
| 46    | Air Adjusting Valve (optional)                                    | 702737  | 1   |

## TEKNA® Primer

### THE ULTIMATE IN PRIMER SPRAY GUN TECHNOLOGY



#### Includes:

- PR10 (High Efficiency) and PR30 (HVLV) Air Caps
- 900cc Aluminum Cup
- Gun wrench



Waterborne compatible when using a plastic or disposable cup system.



| Order No. | Fluid Tips | Cup            | Air Caps                |
|-----------|------------|----------------|-------------------------|
| 704174    | 1.4, 1.6mm | 900cc Aluminum | PR10 (HE) & PR30 (HVLV) |
| 704175    | 1.8, 2.0mm | 900cc Aluminum | PR10 (HE) & PR30 (HVLV) |
| 704182    | 2.5mm      | 900cc Aluminum | PR10 (HE) & PR30 (HVLV) |

#### TEKNA® Primer Air Caps

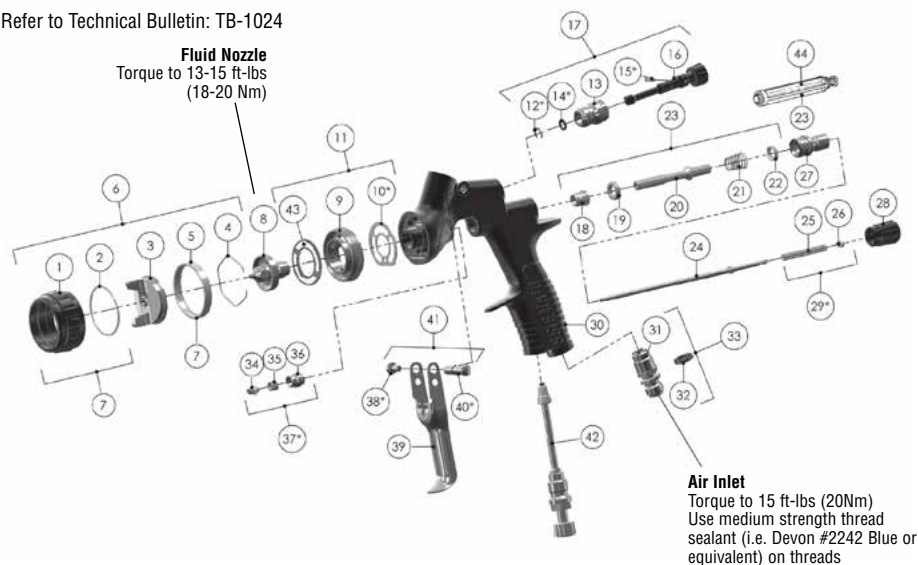
|                            |                                                                                                 |                                    |
|----------------------------|-------------------------------------------------------------------------------------------------|------------------------------------|
| <b>PR10 air cap (HE)</b>   | Primers including low VOC<br>Air Cap Order/Model No. <b>704165</b><br>12.0 CFM @ 29.0 PSI inlet | <b>Air Cap Pattern</b><br>10½"-12" |
| <b>PR30 air cap (HVLV)</b> | Primers including low VOC<br>Air Cap Order/Model No. <b>704166</b><br>16.0 CFM @ 21.0 PSI inlet | <b>Air Cap Pattern</b><br>11-13"   |
| <b>Fluid Tips</b>          | 1.4mm, 1.6mm, 1.8mm, 2.0mm, 2.5mm                                                               |                                    |

#### Accessories (sold separately)

| Order No. | Model No.        | Description                          |
|-----------|------------------|--------------------------------------|
| 704245    | PRIPRO-219-UV1-K | UV1 Fluid Tip                        |
| 704246    | PRIPRO-219-UV2-K | UV2 Fluid Tip                        |
| 704247    | PRIPRO-319-K     | UV Fluid Needle                      |
| 704240    | GFC-515          | Black Polyester UV Gravity Cup       |
| 704241    | PRO-46-K3        | Protective Air Cap Cover (pack of 3) |



Refer to Technical Bulletin: TB-1024



#### CHART 1 Air Cap Replacement Parts

| Air Cap Order No. | Application                | Air Cap No. | Recommended Inlet Pressure BAR/PSI | Air Flow LPM/SCFM             |
|-------------------|----------------------------|-------------|------------------------------------|-------------------------------|
| 704165            | Primers, including low VOC | PR10        | 1.8-2.0 bar<br>26-29 psi           | 311 - 340 LPM<br>11 - 12 SCFM |
| 704166            | Primers, including low VOC | PR30        | 1.2-1.4 bar<br>17-21 psi           | 396 - 453 LPM<br>14 - 16 SCFM |

#### CHART 2 Fluid Nozzles

| Fluid Nozzle Order No. | No. on Fluid Nozzle | Tip Size (mm) |
|------------------------|---------------------|---------------|
| 704168                 | PRIPRO-220-14       | 1.4           |
| 704169                 | PRIPRO-220-16       | 1.6           |
| 704170                 | PRIPRO-220-18       | 1.8           |
| 704171                 | PRIPRO-220-20       | 2.0           |
| 704172                 | PRIPRO-220-25       | 2.5           |

#### SERVICE PARTS

|                                                  |        |
|--------------------------------------------------|--------|
| Spray Gun repair kit (includes items marked *)   | 703536 |
| Seal and Pin Kit, kit of 5 (items 12, 14 and 15) | 192229 |

| Ref # | Description                                                    | Part #  | 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                                                  | Chart 1 | 1   |
| 7     | Air Cap Retaining Ring & Seals                                 | 703896  | 1   |
| 8     | Fluid Nozzle                                                   | Chart 2 | 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                                        | 703898  | 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                                                   | Chart 2 | 1   |
| 25    | Needle Spring                                                  |         | 1   |
| 26    | Spring Pad                                                     |         | 1   |
| 27    | Housing & Seal Kit                                             | 703532  | 1   |
| 28    | Fluid Adjusting Knob                                           | 704163  | 1   |
| *29   | Needle Spring Kit                                              | 703534  | 1   |
| 30    | Gunbody                                                        |         | 1   |
| 31    | Air Inlet                                                      |         | 1   |
| 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    | Cheater Valve (optional)                                       | 702737  | 1   |
| 43    | Baffle Plate                                                   | 704162  | 1   |
| 44    | Air Valve Service Tool (only included in the Air Valve Kit 23) |         | 1   |

# TEKNA® ProLite BASECOAT/CLEARCOAT GRAVITY FEED SPRAY GUNS



## Includes:

- HAV-555 air adjusting valve with digital gauge
- Gun wrench
- Color identification rings
- Additional fluid tips
- QuickClean™ coating

EPA Compliant.  
Approved in most  
HVLP areas.

EPA and  
SCAQMD  
Approved

Waterborne compatible  
when using a plastic or  
disposable cup system.

Waterborne  
Compatible

| Order No. | Fluid Tips      | Cup            | Air Caps   |
|-----------|-----------------|----------------|------------|
| 703517*   | 1.3, 1.4, 1.5mm | Uncupped       | TE20, HV30 |
| 703567*   | 1.2, 1.3, 1.4mm | Uncupped       | TE10, TE20 |
| 703566    | 1.2, 1.3, 1.4mm | 900cc Aluminum | TE10, TE20 |

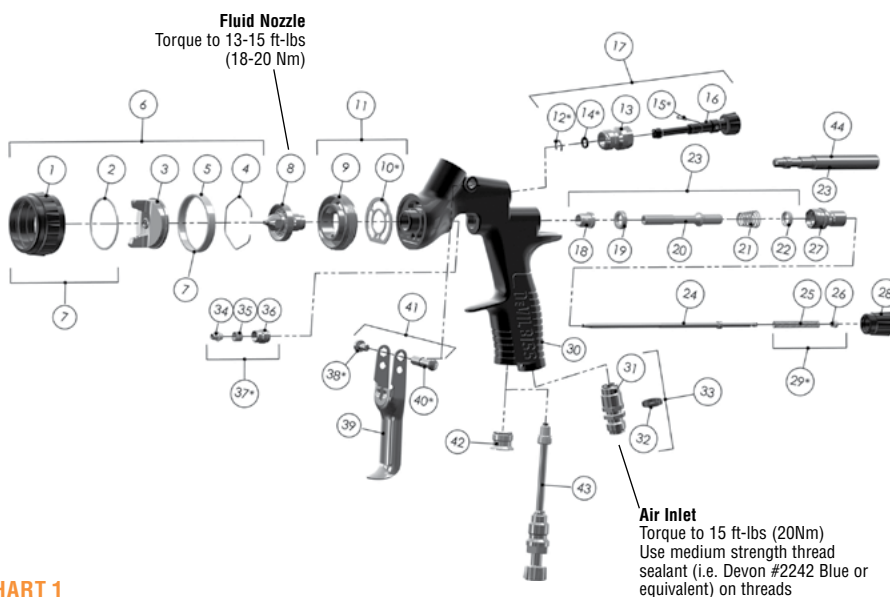
\* Uncupped guns include disposable cups adapter

## TEKNA® ProLite Air Caps

|                                    |                                                                                                                                     |                                      |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>HV30<br/>air cap<br/>(HVLP)</b> | <b>Basecoats, clearcoats</b><br>Air Cap Order/Model No. <b>703540</b><br>14.5-16.5 CFM @ 20-24 PSI inlet<br>for HVLP approved areas | <b>Air Cap<br/>Pattern</b><br>13-14" |
| <b>TE10<br/>air cap<br/>(HE)</b>   | <b>Basecoats, low solids clearcoats</b><br>Air Cap Order/Model No. <b>703538</b><br>7.5-11.0 CFM @ 20-35 PSI inlet                  | <b>Air Cap<br/>Pattern</b><br>12-13" |
| <b>TE20<br/>air cap<br/>(HE)</b>   | <b>Basecoats, high solids clearcoats</b><br>Air Cap Order/Model No. <b>703539</b><br>9-12 CFM @ 16-26 PSI inlet                     | <b>Air Cap<br/>Pattern</b><br>12-13" |
| <b>Fluid<br/>Tips</b>              | 1.2mm, 1.3mm, 1.4mm, 1.5mm                                                                                                          |                                      |



Refer to Technical Bulletin: TB-1008



**CHART 1**  
Air Cap Replacement Parts

| Air Cap Order No. | Application                          | Air Cap No. | Recommended Inlet Pressure BAR/PSI | Air Flow LPM/SCFM            |
|-------------------|--------------------------------------|-------------|------------------------------------|------------------------------|
| 703540            | Basecoats<br>Clearcoats              | HV30        | 1.4-1.6 bar<br>20-24 psi           | 411-467 LPM<br>14.5-16.5 CFM |
| 703538            | Basecoats, low<br>solids clearcoats  | TE10        | 1.4-2.4 bar<br>20-35 psi           | 212-311 LPM<br>7.5-11.0 CFM  |
| 703539            | Basecoats, high<br>solids clearcoats | TE20        | 1.1-1.8 bar<br>16-26 psi           | 255-340 LPM<br>9-12 CFM      |

**CHART 2**  
Fluid Nozzles

| Fluid Nozzle Order No. | No. on Fluid Nozzle | Tip Size (mm) |
|------------------------|---------------------|---------------|
| 703521                 | PRO-200-12          | 1.2           |
| 703522                 | PRO-200-13          | 1.3           |
| 703523                 | PRO-200-14          | 1.4           |
| 703589                 | PRO-200-15          | 1.5           |

## SERVICE PARTS

|                                                  |        |
|--------------------------------------------------|--------|
| Spray Gun repair kit (includes items marked *)   | 703536 |
| Seal and Pin Kit, kit of 5 (items 12, 14 and 15) | 192229 |

| Ref # | Description                                                    | Part #  | 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                                                  | Chart 1 | 1   |
| 7     | Air Cap Retaining Ring & Seals                                 | 702725  | 1   |
| 8     | Fluid Nozzle                                                   | Chart 2 | 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                                        | 702730  | 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                                                   | 703531  | 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   |
| 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) |         | 1   |

# TEKNA® Pro

## BASECOAT/CLEARCOAT GRAVITY FEED SPRAY GUNS



### Includes:

- Multiple air caps and nozzles
- HAV-555 digital air adjusting valve with gauge
- Gun wrench and color ID rings
- Full-size gun body



Waterborne compatible when using a plastic or disposable cup system.



| Order No. | Fluid Tips        | Cup            | Air Caps    |
|-----------|-------------------|----------------|-------------|
| 703582*   | 1.3, 1.4, & 1.5mm | Uncupped       | TE20 & HV30 |
| 703581*   | 1.2, 1.3, & 1.4mm | Uncupped       | TE10 & TE20 |
| 703580    | 1.2, 1.3, & 1.4mm | 900cc Aluminum | TE10 & TE20 |

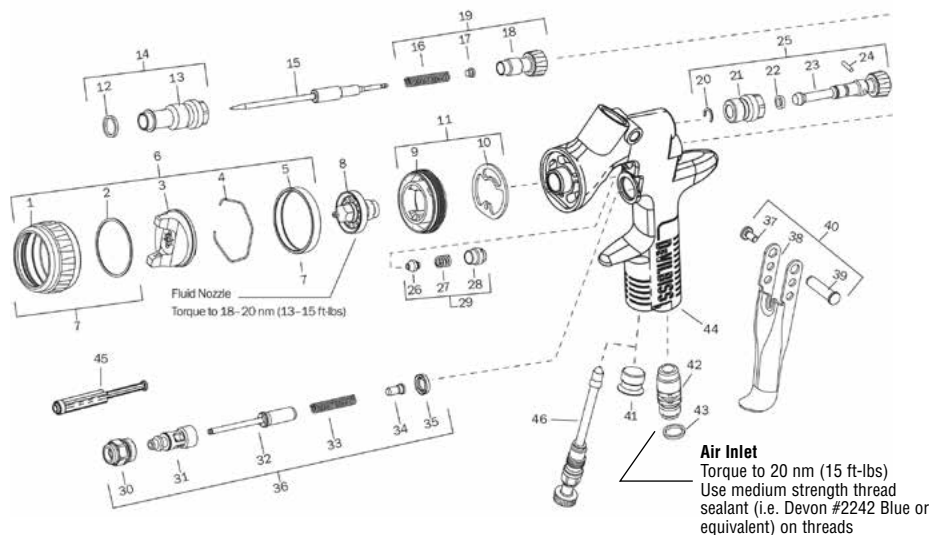
\* Uncupped guns include disposable cups adapter

### TEKNA® Pro Air Caps

|                            |                                                                                                                  |                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>TE10 air cap (HE)</b>   | <b>Basecoats, low solids clearcoats</b><br>Air Cap Order/Model No. <b>703538</b><br>7.5–11 CFM @ 20–35 PSI inlet | <b>Air Cap Pattern</b><br>12-13" |
| <b>TE20 air cap (HE)</b>   | <b>Basecoats, high solids clearcoats</b><br>Air Cap Order/Model No. <b>703539</b><br>9–12 CFM @ 16–26 PSI inlet  | <b>Air Cap Pattern</b><br>12-13" |
| <b>HV30 air cap (HVLP)</b> | <b>Basecoats, clearcoats</b><br>Air Cap Order/Model No. <b>703540</b><br>14.5–16.5 CFM @ 20–24 PSI inlet         | <b>Air Cap Pattern</b><br>13-14" |
| <b>Fluid Tips</b>          | 1.2mm, 1.3mm, 1.4mm, 1.5mm                                                                                       |                                  |



Refer to Technical Bulletin: TB-1012



### CHART 1 Air Cap Replacement Parts

| Air Cap Order No. | Application                          | Air Cap No. | Recommended Inlet Pressure BAR/PSI | Air Flow LPM/SCFM            |
|-------------------|--------------------------------------|-------------|------------------------------------|------------------------------|
| 703540            | Basecoats<br>Clearcoats              | HV30        | 1.4–1.6 bar<br>20–24 psi           | 411–467 LPM<br>14.5–16.5 CFM |
| 703538            | Basecoats, low<br>solids clearcoats  | TE10        | 1.4–2.4 bar<br>20–35 psi           | 212–311 LPM<br>7.5–11.0 CFM  |
| 703539            | Basecoats, high<br>solids clearcoats | TE20        | 1.1–1.8 bar<br>16–26 psi           | 255–340 LPM<br>9–12 CFM      |

### CHART 2 Fluid Nozzles

| Fluid Nozzle Order No. | No. on Fluid Nozzle | Tip Size (mm) |
|------------------------|---------------------|---------------|
| 703521                 | PRO-200-12          | 1.2           |
| 703522                 | PRO-200-13          | 1.3           |
| 703523                 | PRO-200-14          | 1.4           |
| 703589                 | PRO-200-15          | 1.5           |

|                                                  |        |
|--------------------------------------------------|--------|
| Wrench (10 & 14mm)                               | 702740 |
| Seal and Pin Kit, kit of 5 (items 20, 22 and 24) | 192229 |

\* The TEKNA Spray Gun Repair Kit (702736) contains all the parts indicated with an asterisk.

| Ref # | Description                                                       | Part #  | 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     | Air Cap & Ring                                                    | Chart 1 | 1   |
| 7     | Air Cap Retaining Ring & Seals                                    | 702725  | 1   |
| 8     | Fluid Nozzle                                                      | Chart 2 | 1   |
| 9     | Air Separator                                                     |         | 1   |
| *10   | Air Separator Seal (kit of 2)                                     | 702726  | 1   |
| 11    | Air Separator & Seal Kit                                          | 703529  | 1   |
| *12   | Body Bushing Gasket                                               |         | 1   |
| 13    | Body Bushing                                                      |         | 1   |
| 14    | Body Bushing & Gasket                                             | 702728  | 1   |
| 15    | Fluid Needle                                                      | Chart 2 | 1   |
| *16   | Needle Spring                                                     |         | 1   |
| *17   | Needle Spring Pad                                                 |         | 1   |
| 18    | Fluid Adjusting Knob                                              |         | 1   |
| 19    | Fluid Adjusting Knob, Spring, & Pad Kit                           | 702729  | 1   |
| *20   | Retaining Clip                                                    |         | 1   |
| 21    | Spreader Valve Body                                               |         | 1   |
| *22   | O-ring                                                            |         | 1   |
| 23    | Spreader Valve Adjusting Knob                                     |         | 1   |
| *24   | Spreader Valve Pin                                                |         | 1   |
| 25    | Spreader Valve Assembly                                           | 702730  | 1   |
| *26   | Needle Packing                                                    |         | 1   |
| *27   | Packing Spring                                                    |         | 1   |
| *28   | Packing Nut                                                       |         | 1   |
| 29    | Packing, Spring & Packing Nut Kit                                 | 702731  | 1   |
| 30    | Air Valve Body                                                    |         | 1   |
| 31    | Air Valve Cage                                                    |         | 1   |
| 32    | Air Valve Poppet                                                  |         | 1   |
| 33    | Air Valve Spring                                                  |         | 1   |
| 34    | Air Valve Spring Pad                                              |         | 1   |
| 35    | Air Valve Seal Seal (Kit of 5)                                    | 803307  | 1   |
| 36    | Air Valve Assembly                                                | 702732  | 1   |
| *37   | Trigger Stud Screw (T20 Star)                                     |         | 1   |
| 38    | Trigger                                                           |         | 1   |
| *39   | Trigger Stud                                                      |         | 1   |
| 40    | Trigger, Stud & Screw Kit                                         | 702733  | 1   |
| 41    | Plug                                                              |         | 1   |
| 42    | Air Inlet                                                         | 702734  | 1   |
| 43    | Colour ID Ring Kit (4 Colours)                                    | 702735  | 1   |
| 44    | Gun Body                                                          |         | 1   |
| 45    | Air Valve Service Tool (only included with Air Valve Assembly 36) |         |     |
| 46    | Air Adjusting Valve (optional)                                    | 702737  | 1   |

# TEKNA® Copper HE BASECOAT/CLEARCOAT GRAVITY FEED SPRAY GUNS



## Includes:

- 7E7 high efficiency air cap
- HAV-555 air adjusting valve with digital gauge
- Extra needle/nozzle set
- Gun wrench and color ID rings

EPA Compliant.  
Approved in most  
HVLP areas.

EPA and  
SCAQMD  
Approved

Waterborne compatible  
when using a plastic or  
disposable cup system.

Waterborne  
Compatible

| Order No. | Needle/Nozzle | Cup            | Air Cap |
|-----------|---------------|----------------|---------|
| 703675*   | 1.2mm, 1.3mm  | Uncupped       | 7E7     |
| 703676    | 1.2mm, 1.3mm  | 900cc Aluminum | 7E7     |
| 703661*   | 1.3mm, 1.4mm  | Uncupped       | 7E7     |
| 703662    | 1.3mm, 1.4mm  | 900cc Aluminum | 7E7     |

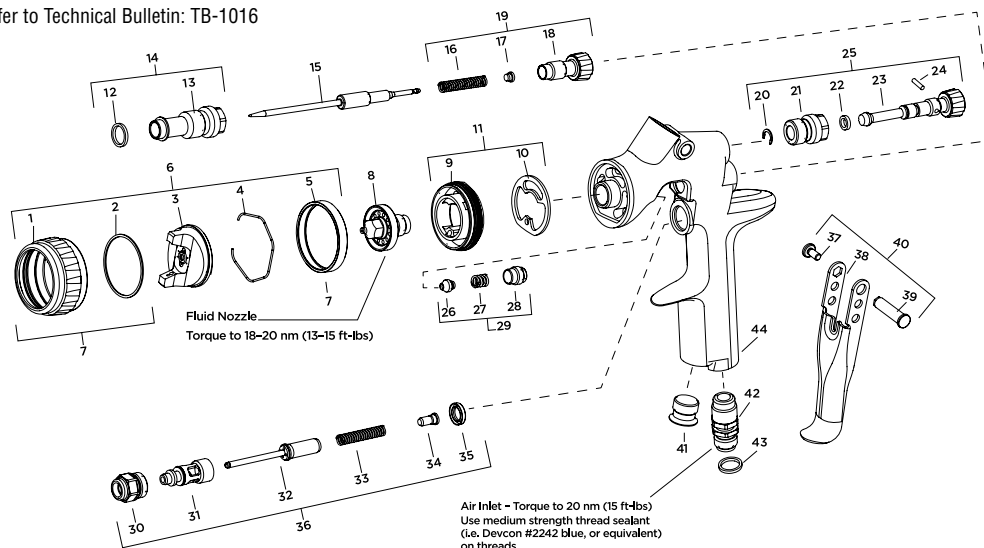
\* Uncupped guns include disposable cups adapter

## TEKNA® Copper HE Air Caps

|                           |                                                                                                                         |                                    |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| #7E7<br>air cap<br>(HE)   | <b>Basecoats, clearcoats</b><br>Air Cap Order/Model No. 703062<br>9–11 CFM @ 16–22 PSI inlet<br>for HVLP approved areas | <b>Air Cap<br/>Pattern</b><br>12½" |
| #202<br>air cap<br>(HVLP) | <b>Basecoats (solvent)</b><br>Air Cap Order/Model No. 702723<br>13.5–15.5 CFM @ 18–22 PSI inlet                         | <b>Air Cap<br/>Pattern</b><br>13"  |
| #909<br>air cap<br>(HVLP) | <b>Clearcoats, waterborne<br/>basecoats</b><br>Air Cap Order/Model No. 702724<br>14–16 CFM @ 22–26 PSI inlet            | <b>Air Cap<br/>Pattern</b><br>12"  |
| <b>Fluid<br/>Tips</b>     | 1.1mm, 1.2mm, 1.3mm, 1.4mm,<br>1.5mm (for hot climate waterborne)                                                       |                                    |



Refer to Technical Bulletin: TB-1016



## CHART 1: Fluid Nozzle & Fluid Needle Replacement Parts

| Fluid Nozzle<br>Size I.D. (mm) | Fluid Nozzle/<br>Needle Set No. |
|--------------------------------|---------------------------------|
| 1.1                            | 702711                          |
| 1.2                            | 702712                          |
| 1.3                            | 702713                          |
| 1.4                            | 702714                          |
| 1.5                            | 702715                          |

**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 14–16 nm (10–12 ft-lbs). Don't over tighten the fluid nozzle. Use 10mm wrench supplied with gun.

## CHART 2: Air Cap Replacement Parts

| Air Cap<br>Order No. | Application                   | Air Cap No. | Recommended Inlet<br>Pressure BAR/PSI                                                                   | Air Flow<br>LPM/SCFM                                                                                        |
|----------------------|-------------------------------|-------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 702723               | Basecoats                     | #202 HVLP   | 1.2–1.5 BAR/18–22 PSI                                                                                   | 382–434 LPM<br>13.5–15.5 SCFM                                                                               |
| 702724               | Clearcoats<br>Waterborne Base | #909 HVLP   | 1.5–1.8 BAR/22–26 PSI                                                                                   | 396–453 LPM<br>14–16 SCFM                                                                                   |
| 703062               | Basecoats,<br>clearcoats      | #7E7 HE     | 1.1–1.5 BAR/16–22 PSI<br>(HVLP approved areas)<br>1.5–2.0 BAR/22–30 PSI<br>(non-HVLP<br>approved areas) | 255–312 LPM/9–11 SCFM<br>(HVLP approved areas)<br>312–368 LPM/11–13<br>SCFM<br>(non-HVLP<br>approved areas) |

| Ref.<br>No. | Description                       | Part<br>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           | Air Cap & Ring (see Chart 2)      |             | 1   |
| 7           | Air Cap Retaining Ring<br>& Seals | 702725      | 1   |
| 8           | Fluid Nozzle (see Chart 2)        |             | 1   |
| 9           | Air Separator                     |             | 1   |
| *10         | Air Separator Seal (kit of 2)     | 702726      | 1   |
| 11          | Air Separator & Seal Kit          | 702727      | 1   |
| *12         | Body Bushing Gasket               |             | 1   |
| 13          | Body Bushing                      |             | 1   |
| 14          | Body Bushing & Gasket             | 702728      | 1   |
| 15          | Fluid Needle (see Chart 1)        |             | 1   |
| *16         | Needle Spring                     |             | 1   |
| *17         | Needle Spring Pad                 |             | 1   |

| Ref.<br>No. | Description                                | Part<br>No. | Qty |
|-------------|--------------------------------------------|-------------|-----|
| 18          | Fluid Adjusting Knob                       |             | 1   |
| 19          | Fluid Adjusting Knob,<br>Spring, & Pad Kit | 702729      | 1   |
| *20         | Retaining Clip                             |             | 1   |
| 21          | Spreader Valve Body                        |             | 1   |
| *22         | O-ring                                     |             | 1   |
| 23          | Spreader Valve Adjusting<br>Knob           |             | 1   |
| *24         | Spreader Valve Pin                         |             | 1   |
| 25          | Spreader Valve Assembly                    | 702730      | 1   |
| *26         | Needle Packing                             |             | 1   |
| *27         | Packing Spring                             |             | 1   |
| 28          | Packing Nut                                |             | 1   |
| 29          | Packing, Spring & Packing<br>Nut Kit       | 702731      | 1   |
| 30          | Air Valve Body                             |             | 1   |
| 31          | Air Valve Cage                             |             | 1   |
| 32          | Air Valve Poppet                           |             | 1   |
| 33          | Air Valve Spring                           |             | 1   |
| 34          | Air Valve Spring Pad                       |             | 1   |
| 35          | Air Valve Seal (kit of 5)                  | 803307      | 1   |
| 36          | Air Valve Assembly                         | 702732      | 1   |
| *37         | Trigger Stud Screw (T20 Star)              |             | 1   |
| 38          | Trigger                                    |             | 1   |
| *39         | Trigger Stud                               |             | 1   |
| 40          | Trigger, Stud & Screw Kit                  | 702733      | 1   |
| 41          | Plug                                       |             | 1   |
| 42          | Air Inlet                                  | 702734      | 1   |
| 43          | Colour ID Ring Kit (4 Colours)             | 702735      | 1   |
| 44          | Gun Body                                   |             | 1   |

\* The TEKNA Spray Gun Repair Kit (702736) contains all the parts indicated with an asterisk.

## OTHER SALABLE PARTS /ACCESSORIES

|                                         |            |
|-----------------------------------------|------------|
| Wrench (10 & 14mm)                      | 702740     |
| #202 Test Cap (HVLP)                    | 702738     |
| #909 Test Cap (HVLP)                    | 702739     |
| Spray Gun Repair Kit                    | 702736     |
| TEKNA Replacement 900cc<br>Aluminum Cup | 702576     |
| Disposable Lid Kit (2)                  | GFC-404-K2 |
| Paint Filter Kit                        | KGP-5-K5   |

# TEKNA® ProLite

## HIGH EFFICIENCY/HVLP PRESSURE FEED GUN



### Includes:

- Multiple air caps and fluid tips
- HAV-512 analog gauge
- Gun wrench and color ID rings
- Lightweight ergonomic design

EPA Compliant.  
Approved in most  
HVLP areas.

EPA and  
SCAQMD  
Approved

Waterborne compatible  
when using a plastic or  
disposable cup system.

Waterborne  
Compatible

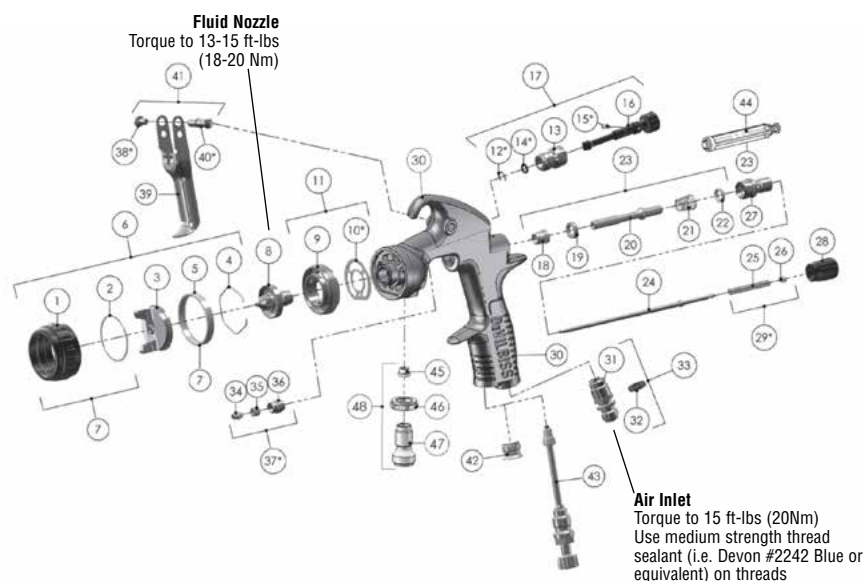
| Order No. | Fluid Tips      | Air Cap     |
|-----------|-----------------|-------------|
| 703663    | 1.0, 1.2, 1.4mm | TE40 & HV40 |

### TEKNA® ProLite Pressure Feed Air Caps

|                            |                                                                                                                                                   |                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| <b>TE20 air cap (HE)</b>   | <b>Low to medium solids coatings</b><br>Air Cap Order No. <b>703539</b><br>Air Cap Model No. <b>PRO-103-TE20</b><br>12–19 CFM @ 26–50 PSI inlet   | <b>Air Cap Pattern</b><br><b>13-14"</b> |
| <b>TE40 air cap (HE)</b>   | <b>Low to high solids coatings</b> Air<br>Air Cap Order No. <b>703626</b><br>Air Cap Model No. <b>PRO-103-TE40</b><br>13–19 CFM @ 29–50 PSI inlet | <b>Air Cap Pattern</b><br><b>12-13"</b> |
| <b>HV40 air cap (HVLP)</b> | <b>Low to high solids coatings</b><br>Air Cap Order No. <b>703621</b><br>Air Cap Model No. <b>PRO-103-HV40</b><br>10.5 CFM @ 17 PSI inlet         | <b>Air Cap Pattern</b><br><b>12-13"</b> |
| <b>Fluid Tips</b>          | 1.0mm, 1.2mm, 1.4mm                                                                                                                               |                                         |



Refer to Technical Bulletin: TB-1014



### CHART 1 Air Cap Replacement Parts

| Air Cap Order No. | Application                   | Air Cap No. | Recommended Inlet Pressure BAR/PSI | Air Flow LPM/SCFM        |
|-------------------|-------------------------------|-------------|------------------------------------|--------------------------|
| 703539            | Low to medium solids coatings | TE20        | 1.8–3.4 bar<br>26–50 psi           | 340–538 LPM<br>12–19 CFM |
| 703626            | Low to high solids coatings   | TE40        | 2.0–3.4 bar<br>29–50 psi           | 368–538 LPM<br>13–19 CFM |
| 703621            | Low to medium solids coatings | HV40        | 1.2 bar<br>17 psi                  | 297 LPM<br>10.5 CFM      |

### CHART 2 Fluid Nozzles

| Fluid Nozzle Order No. | No. on Fluid Nozzle |
|------------------------|---------------------|
| 703627                 | PRO-205-10          |

### SERVICE PARTS

|                                                  |        |
|--------------------------------------------------|--------|
| Spray Gun repair kit (includes items marked *)   | 703536 |
| Seal and Pin Kit, kit of 5 (items 12, 14 and 15) | 192229 |

| Ref # | Description                                                    | Part #  | 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                                                  | Chart 1 | 1   |
| 7     | Air Cap Retaining Ring & Seals                                 | 702725  | 1   |
| 8     | Fluid Nozzle                                                   | Chart 2 | 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                                                   | Chart 2 | 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   |
| 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) |         | 1   |
| 45    | Seal                                                           |         | 1   |
| 46    | Lock Nut                                                       |         | 1   |
| 47    | Fluid Inlet                                                    |         | 1   |
| 48    | Fluid Inlet Kit                                                | 703631  | 1   |