

The Illustrated Part List (IPL) contains the illustrations and the parts lists for the different assemblies in the printer. The parts lists give the part numbers, description and quantity of all the items and the modules in the printer. You can order the items and the modules for which the part numbers are given.

## How to Read the IPL

This section describes how the higher assemblies are broken down to their related sub assemblies and other separate parts.

### Illustrations

Table 10-1 on page 10-2 shows the symbols used to indicate the different levels of main assemblies in a printer, and the sub assemblies under the main assembly.

Assembly	Symbol
Main Assembly	□
Sub Assembly 1	○
Sub Assembly 2	○
Sub Assembly 3	△
Sub Assembly 4	◇
⋮	⋮

Table 10-1: Symbols Representation - Assemblies

-----► Indicates further explosion.

### Alphabets

- An alphabet is assigned to the main assemblies of a printer and each sub assembly under the main assembly. See Figure 10-1 on page 10-3.

For example: If A, B, C and D identify the main assemblies of a printer, then the alphabets E, F, and so on identify sub assemblies below each main assembly in a sequence.

- The alphabets assigned to main assemblies are used only for one time.
- The alphabets "I" and "O" are not used because they look like the numbers 1 and 0.

## Numbers

A natural number (1,2,3.....) is assigned to the stand alone parts (in ascending order) through out the breakdown of main assemblies. See Figure 10-1.

**Note:** The numbers assigned to main assemblies can be used only for one time.

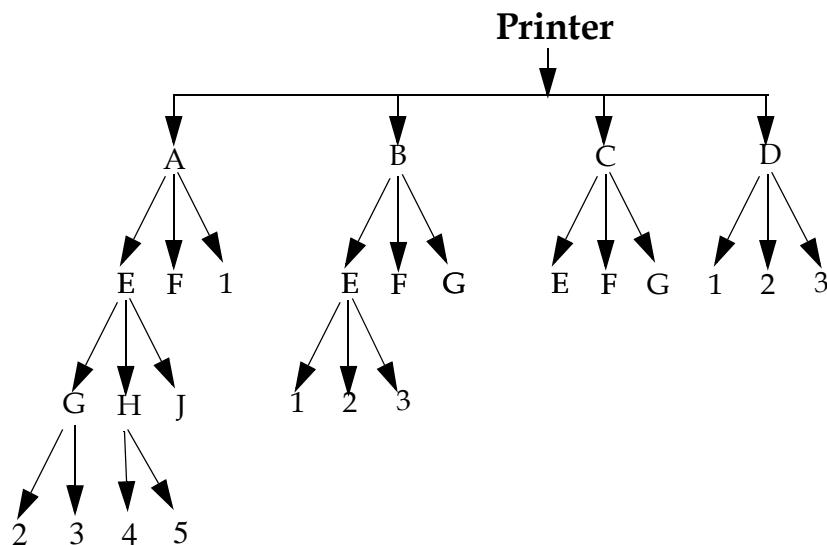


Figure 10-1: Graphical Representation of the Different Subassemblies and Parts

## Tables

Figure 10-2 describes the styles used to show the explosion of the main assemblies in parts lists.

	Item Number	P/N	Description	Qty
Main Assembly	A			
	3			
Subassembly 1	E			
	4			
Subassembly 2	H			
	5			
Parts under the Subassembly <b>OR</b> Stand-alone Part	6			
	J			
	7			
	8			

Figure 10-2: Representation of the different Subassemblies and parts in the Table

## Notes

Notes provide useful information. Some examples for note are as follows:

**Note:** To order this item, use part number of item 9 in this table.

**Note:** This screw is a part of Core Module.

**Note:** This item can be ordered separately.

## Videojet 1220/1520 Printer

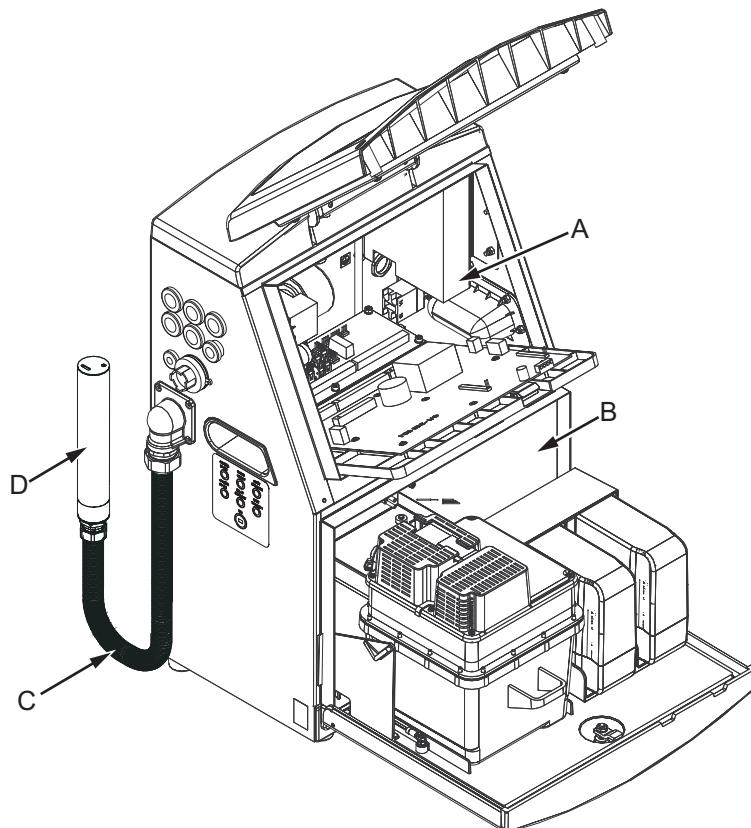


Figure 10-3: Main Parts of the Printer (Videojet 1220)

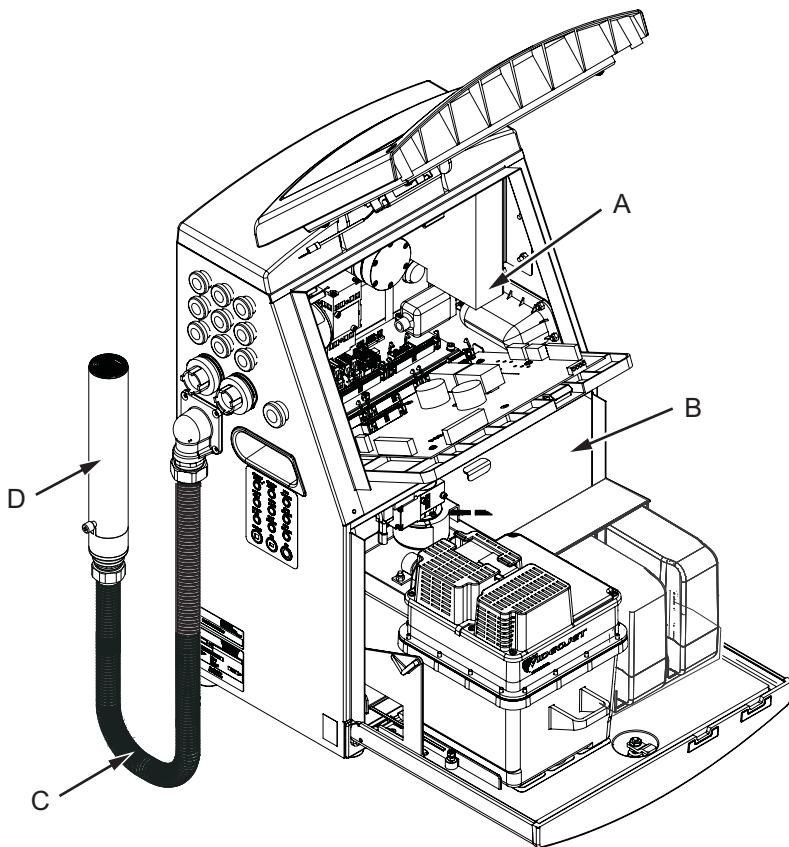


Figure 10-4: Main Parts of the Printer (Videojet 1520)

Table 10-2 shows the sub assemblies of the printer.

Item	Descriptions
A	<b>Electronics Compartment</b>
B	<b>Ink Compartment</b>
C	<b>Umbilical</b>
D	<b>Printhead</b>

Table 10-2: Videojet 1220/1520 Printer Assemblies

## Electronics Compartment

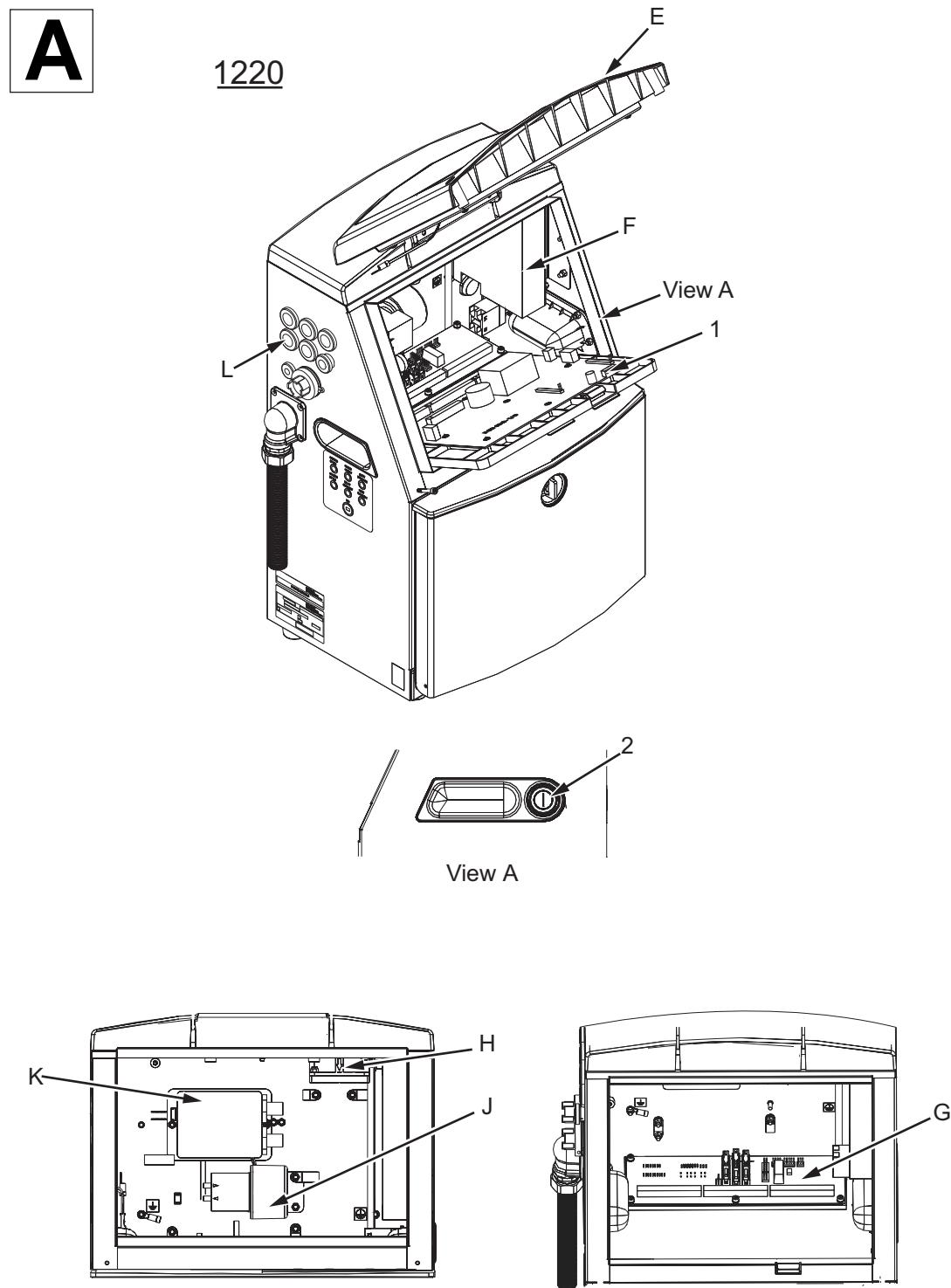


Figure 10-5: Electronics Compartment (Videojet 1220)

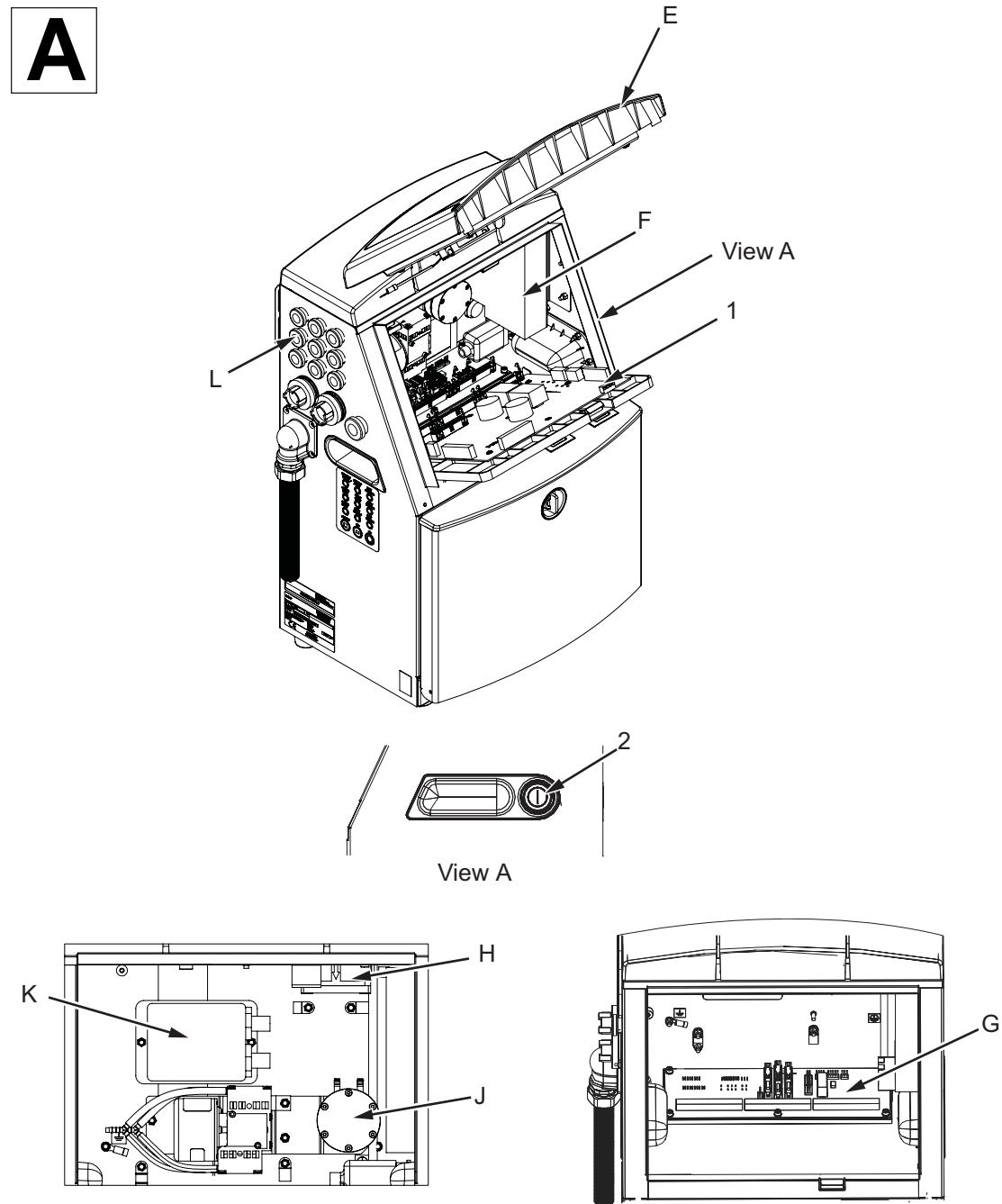


Figure 10-6: Electronics Compartment (Videojet 1520)

## Control System Board (CSB) with Back Plate

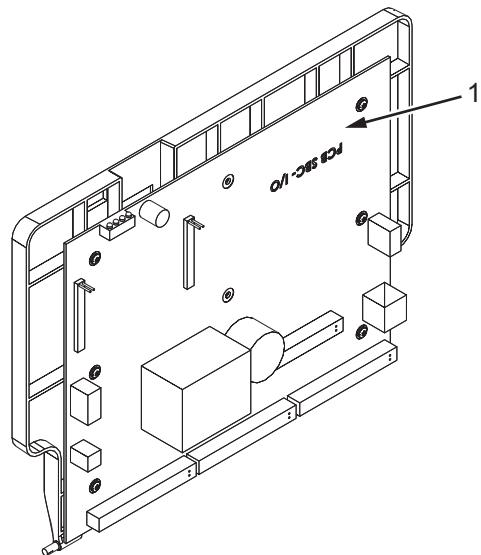


Figure 10-7: Control System Board Assembly

## Power Switch

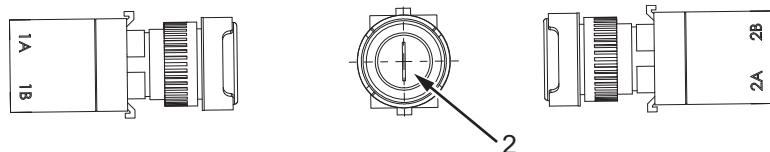


Figure 10-8: Power Switch

## Electronics Door Assembly

E

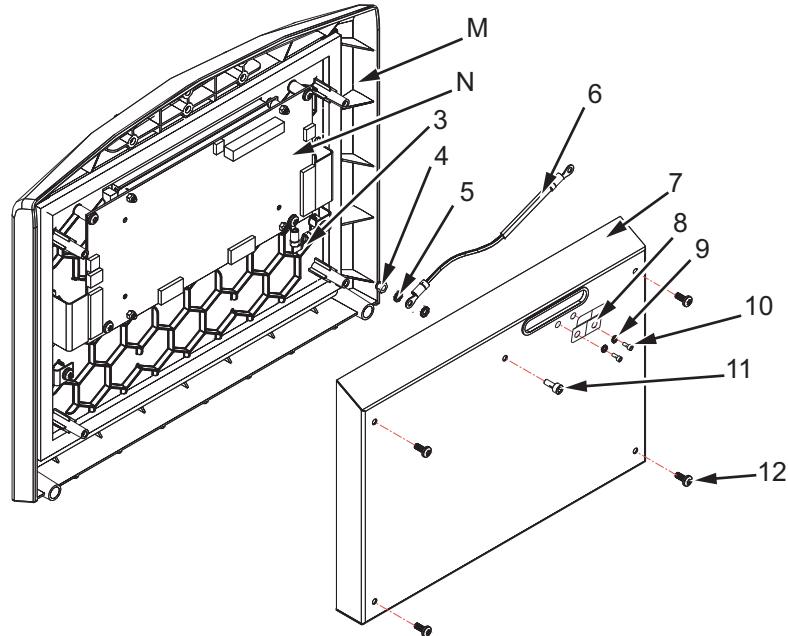


Figure 10-9: Electronics Door Assembly

## Display Door

N

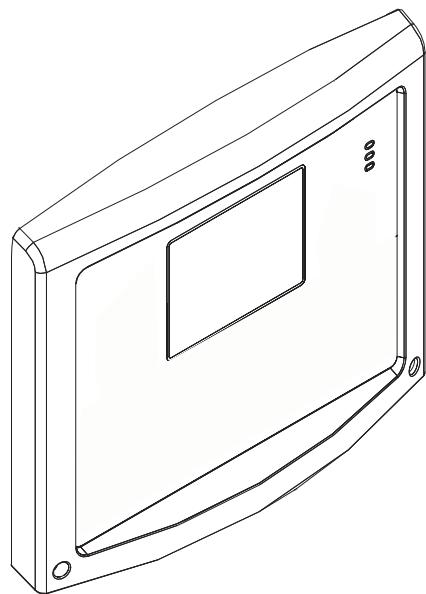


Figure 10-10: Display Door

### LCD and FIB Assembly

P

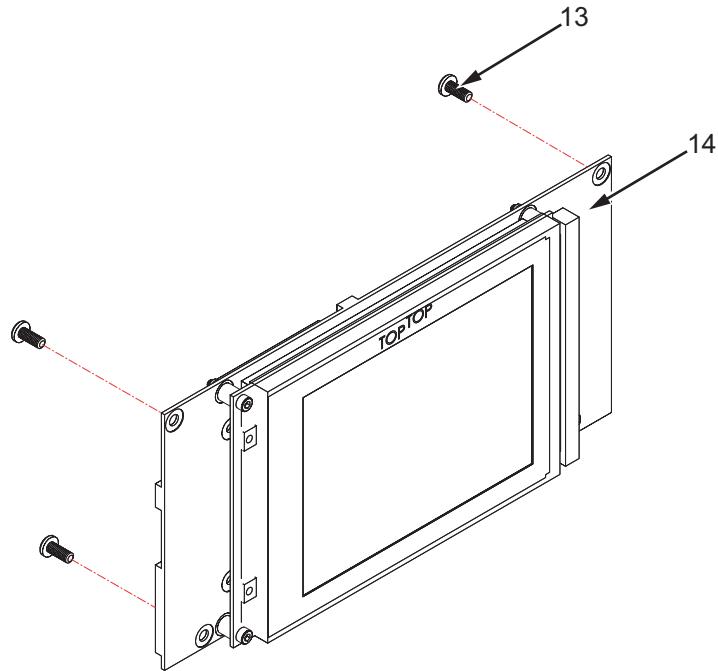


Figure 10-11: LCD and FIB

### Power Supply Unit Assembly

F

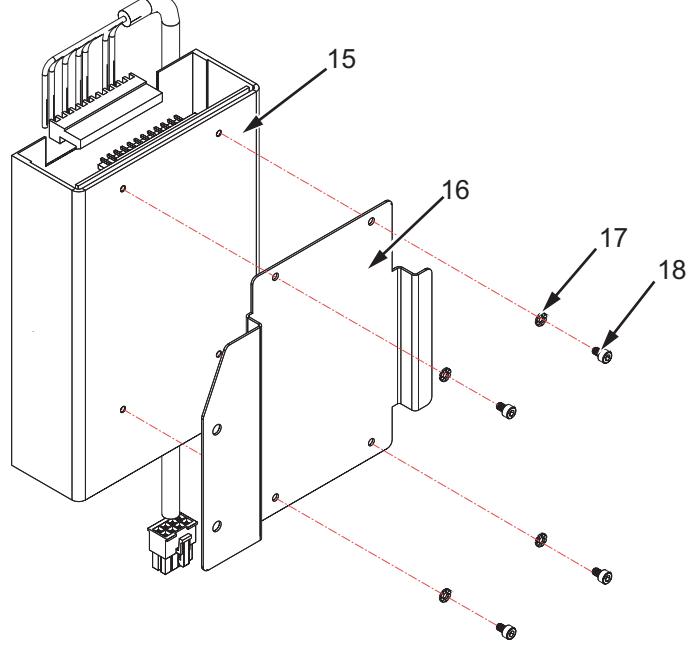


Figure 10-12: Power Supply Unit Assembly

## Printer Interface Board Assembly (PIB)

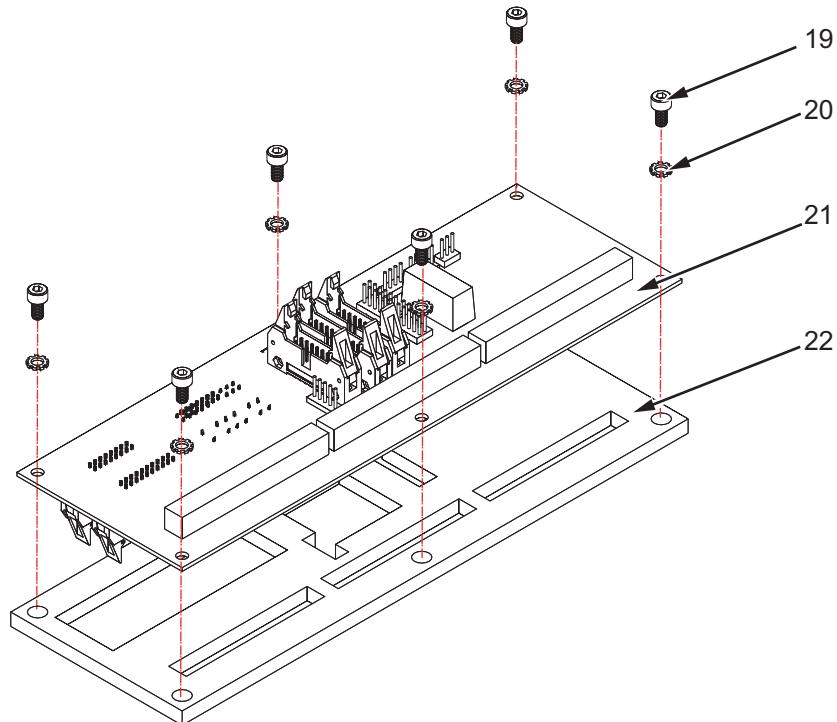


Figure 10-13: Printer Interface Board Assembly (Videojet 1220)

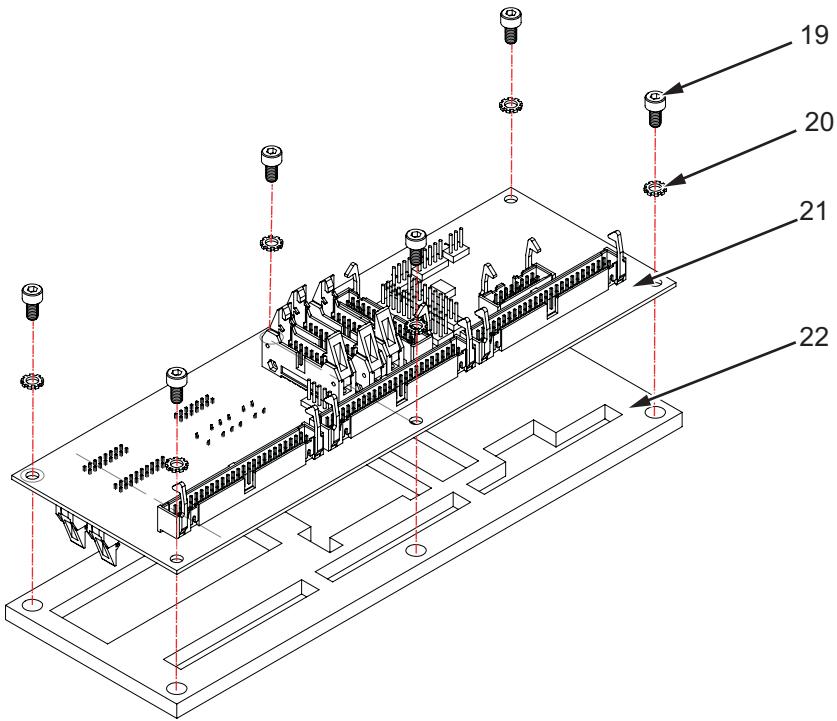


Figure 10-14: Printer Interface Board Assembly (Videojet 1520)

## Electronics Fan Assembly

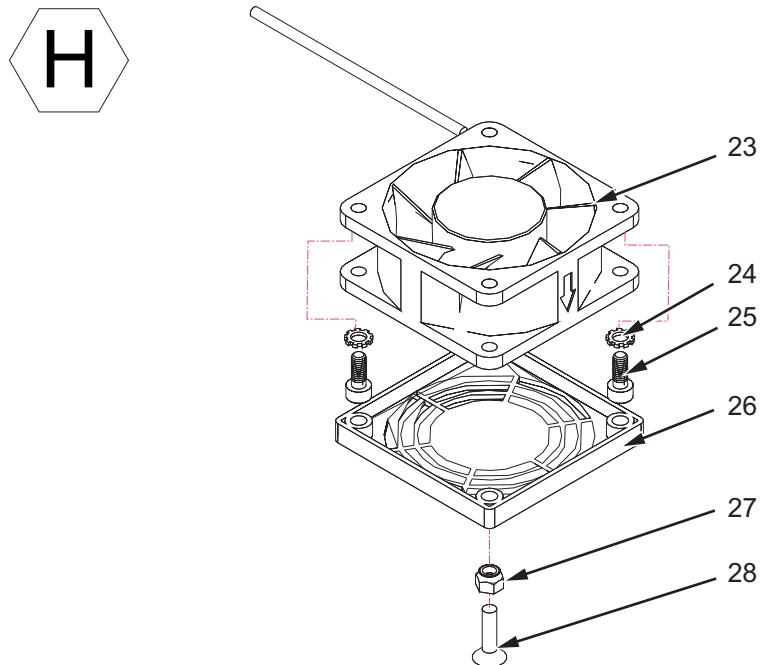


Figure 10-15: Electronics Fan Assembly

## Positive Air Pump Assembly (Optional for 1220)

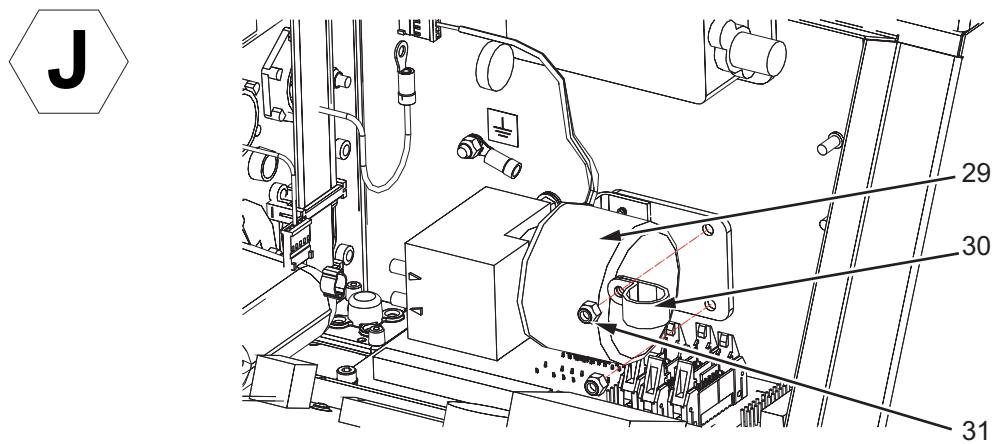


Figure 10-16: Positive Air Pump Assembly (Videojet 1220)

## Double Headed Air Pump Assembly (Single Head Printer)

J

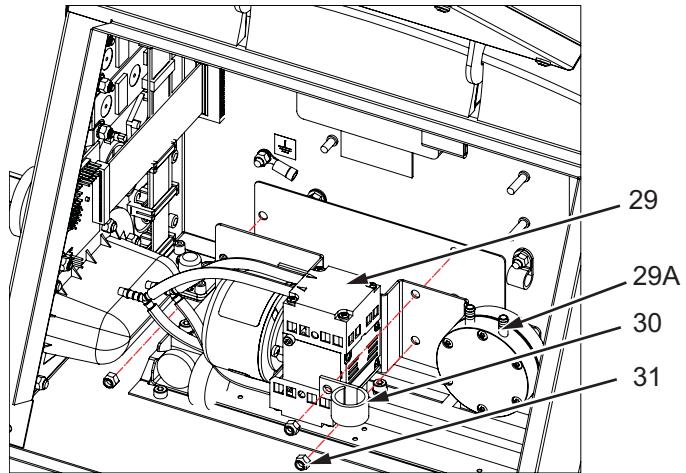


Figure 10-17: Positive Air Pump Assembly (Videojet 1520)

## EHT Module

K

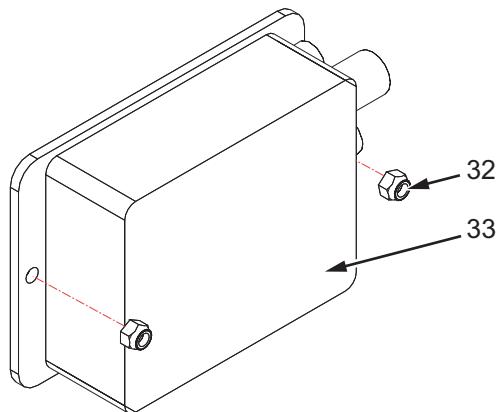


Figure 10-18: EHT Module

## Connector Panel

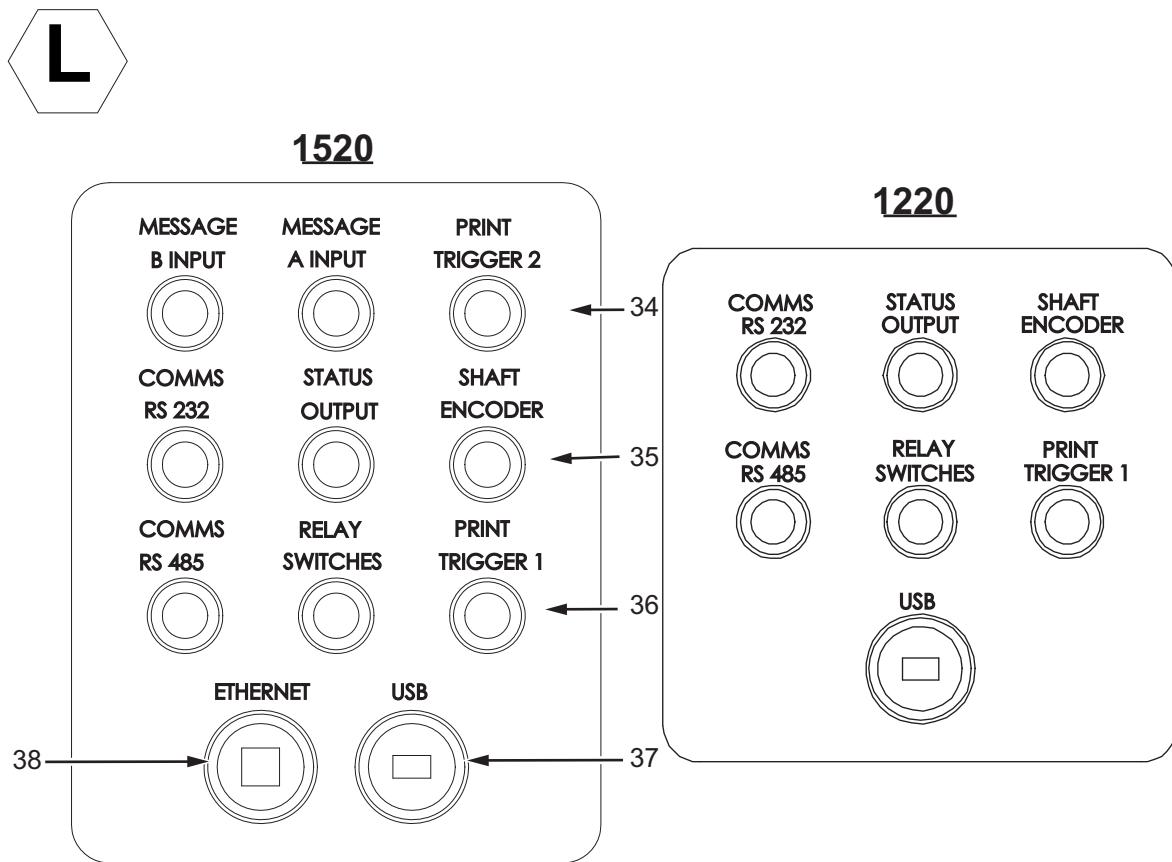


Figure 10-19: Connector Panel

### PCB 2 Assembly (Option for Videojet 1220)

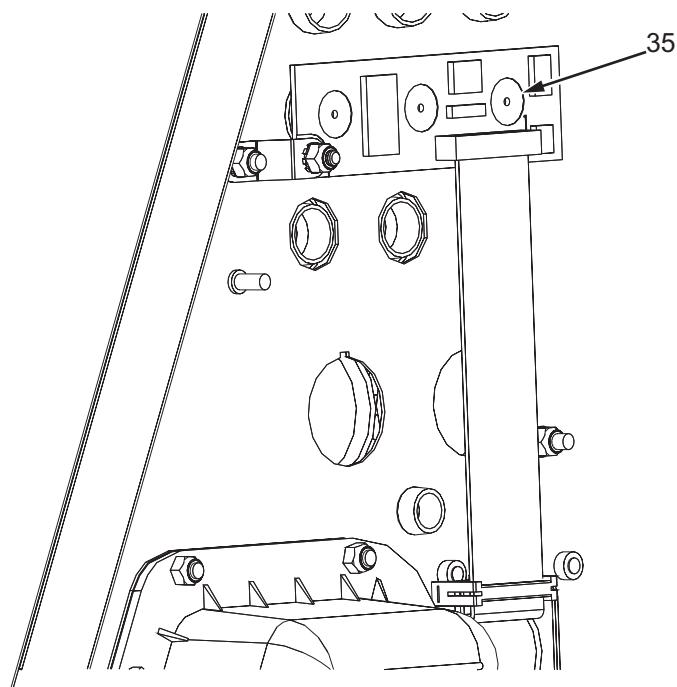


Figure 10-20: PCB 2 Assembly

### PCB 1 Assembly (Option for Videojet 1220)

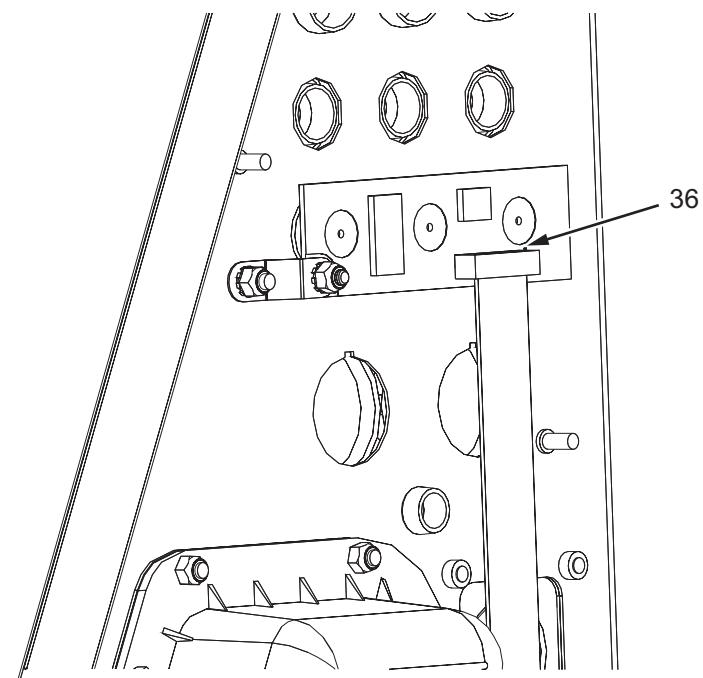


Figure 10-21: PCB 1 Assembly

Item Number	P/N	Description	Qty
A		Electronics Compartment	
1	SP392121 (Videojet 1520) SP392123 (Videojet 1220)	Control System Board (CSB) with Back Plate	1
2	SP219041	Power Switch	1
E		Electronics Door Assembly	
3		Membrane Ground Wire	1
4		M4 Nyloc Nut	1
5		M4 ET Washer	2
6		Display Ground Wire	1
7		Display Rear Cover	1
8		Display Ribbon Connector Clamp	1
9		M4 ET Washer	2
10		M4 x 8 Cap-head Screw	2
11		M4 x 10 Cap-head Screw	1
12		K40 x 10 Pan-head Torx Screw	4
N		Display Door with Keypad (See Table 10-4 on page 10-19 for part numbers of different languages)	
P	399091	Liquid Crystal Display and Front Panel Interface Board Assembly	
13		Screw	4
14		LCD and FIB Assembly	1
F	399077	Power Supply Unit (PSU) Assembly with Mount	
15		PSU	1
16		PSU Mounting Plate	1
17		M3 ET Washer	4
18		M3 x 5 Cap-head Screw	4

Table 10-3: Electronics Compartment

Item Number	P/N	Description	Qty
G	399078 (Videojet 1220) 399473 (Videojet 1520)	Printer Interface Board (PIB) Assembly	
19		M4 x 8 Cap-head Screw	6
20		M4 ET Washer	6
21		PIB	1
22		PIB Gasket	1
H	399079	Electronics Fan Assembly	
23		Fan, 60 mm	1
24		M4 ET Washer	2
25		M4 x 10 Cap-head Screw	2
26		Finger guard, 60 mm	1
27		M4 Nyloc Nut	2
28		M4 x 16 Counter Sunk Screw	2
J	SP500084 (Videojet 1220) SP399399 (Videojet 1520)	Positive Air Pump Assembly (Optional for Videojet 1220) Double Headed Air Pump Assembly (for single head system) (Videojet 1520)	
29A		Dampener	1
30		P-Clip	1
31		M4 Nyloc Nut	2
K	399081	EHT Module Assembly	
32		M4 Nyloc Nut	2
33		EHT Module	1
L		Connector Panel	
34	SP500096 (Videojet 1520)	PCB 3 Assembly	1
35	SP500097	PCB 2 Assembly	1

Table 10-3: Electronics Compartment (Continued)

Item Number	P/N	Description	Qty
36	SP500095 Videojet 1520) SP500098(Videojet 1220)	PCB 1 Assembly PCB 0 Assembly	1
37	399084	USB Connector	1
38	399083	Ethernet Connector(Videojet 1520)	1

Table 10-3: Electronics Compartment (Continued)

### Display Door with Keypad in Different Languages

Part Number	Display Door with Keypad (400 Series)	Languages
399116	Display door with keypad English	English (US), English (UK and Ireland), Chinese (Simplified), English (Indian), Philippines (English)
399117	Display door with keypad European	French, German, Spanish, Portuguese (Brazilian), Italian, Dutch, Danish, Portuguese (Portugal), Swiss (German), Swiss (French), Swiss (Italian), Spanish (CALA)
399118	Display door with keypad Chinese	Chinese (Traditional)
399119	Display door with keypad Turkish	Norwegian, Finnish, Swedish, Turkish
399120	Display door with keypad Russian	Russian
399121	Display door with keypad Polish	Polish
399122	Display door with keypad Korean	Korean
399123	Display door with keypad Greek	Greek
399124	Display door with keypad Katakana	Japanese
399125	Display door with keypad Bulgarian	Bulgarian
399126	Display door with keypad Czech	Czech, Hungarian
399127	Display door with keypad Arabic	Arabic
399128	Display door with keypad Hebrew	Hebrew
399542	Display door with keypad Thai	Thai
399544	Display door with keypad Vietnamese	Vietnamese

Table 10-4: Display Door with Keypad

## Ink Compartment

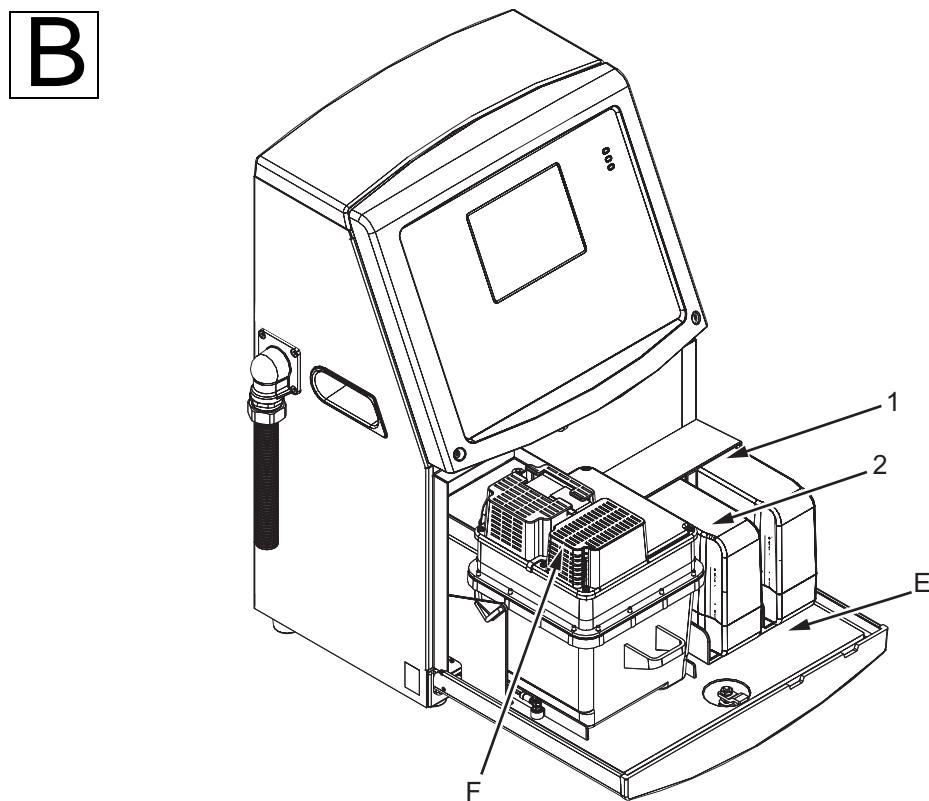


Figure 10-22: Ink System

## Ink Cartridge

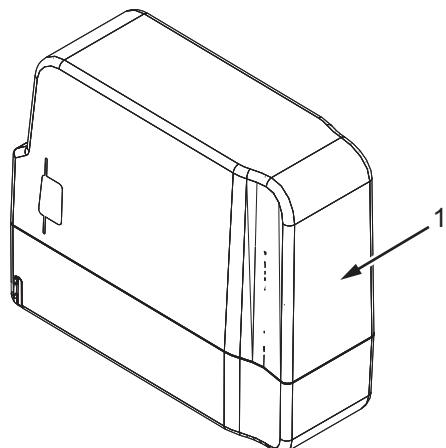


Figure 10-23: Ink Cartridge

## Make-up Cartridge

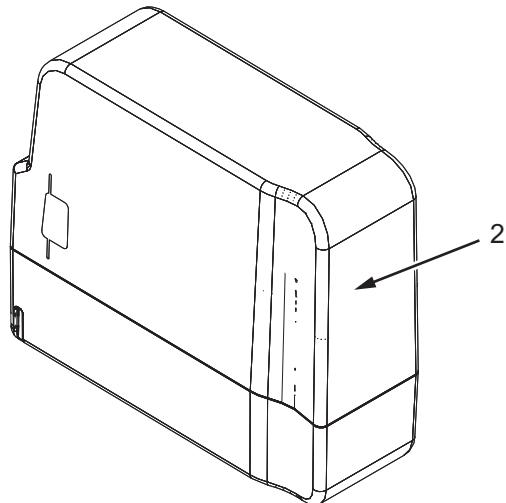


Figure 10-24: Make-up Cartridge

E

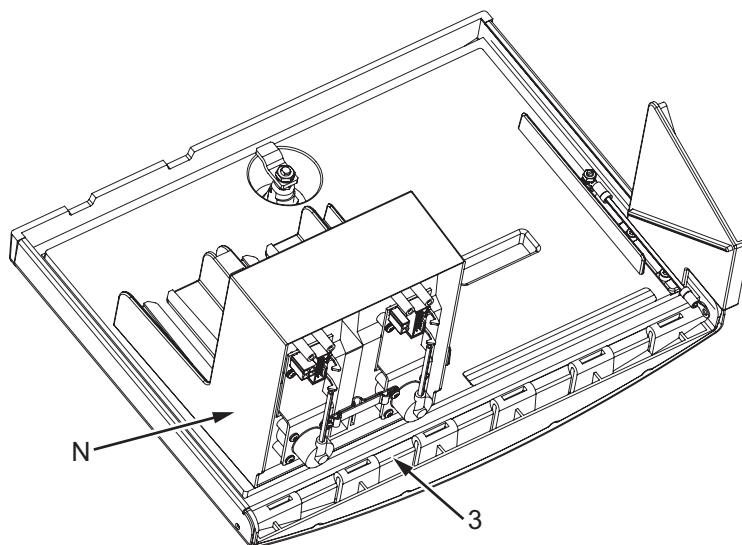


Figure 10-25: Ink Door Assembly

## Septum Assembly

N

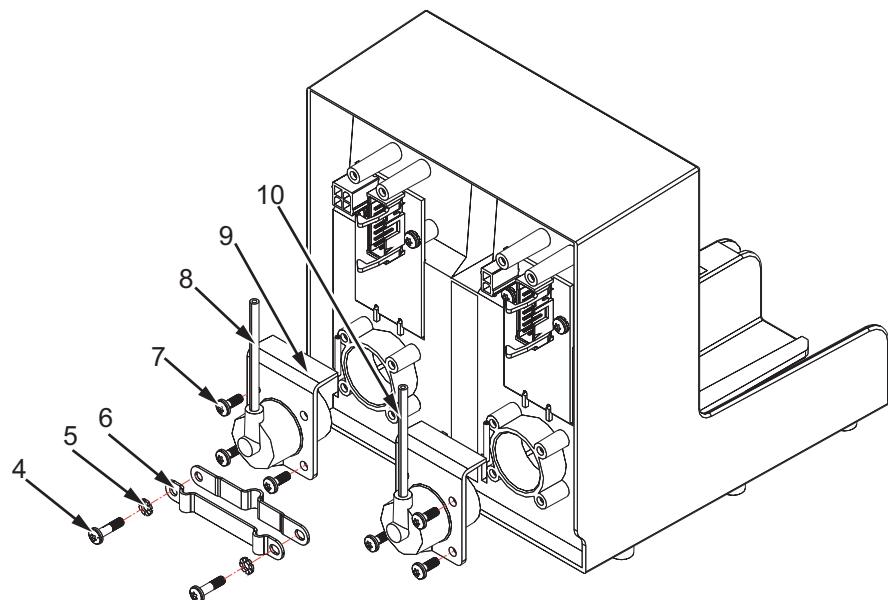


Figure 10-26: Septum Assembly

### Ink Core Module Assembly

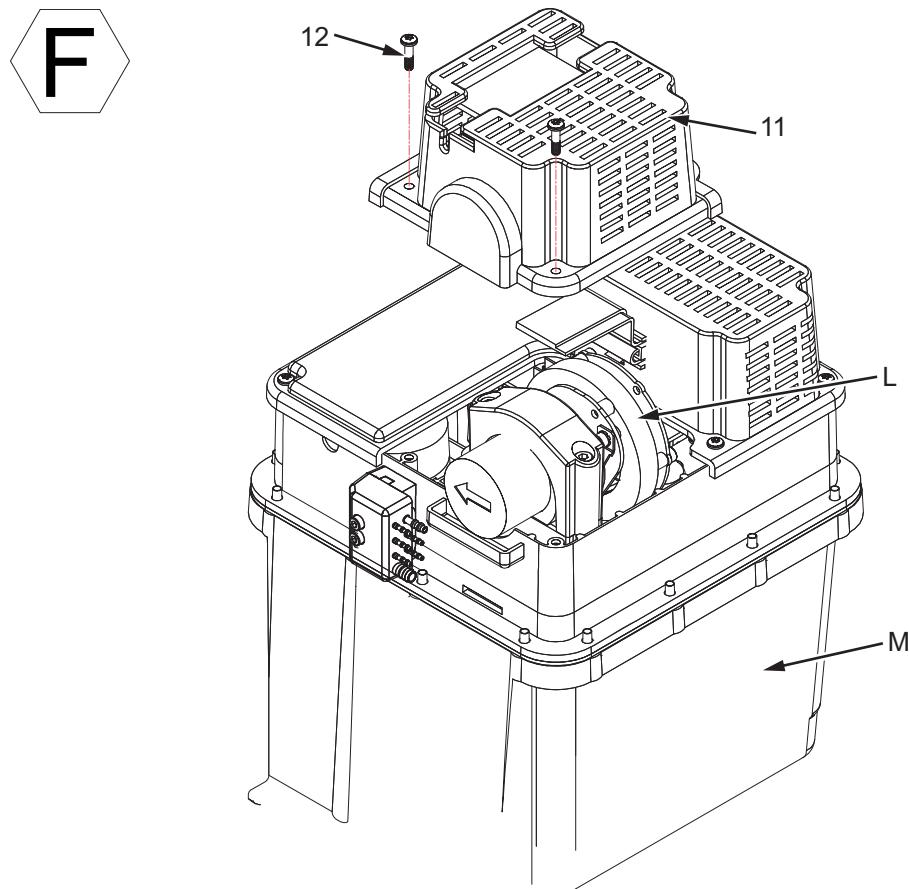


Figure 10-27: Core Module

## Ink Core Pump

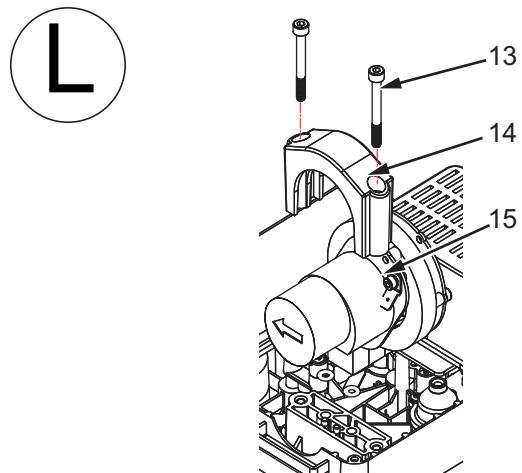


Figure 10-28: Ink Core Pump Assembly

## Ink Core Without Pump

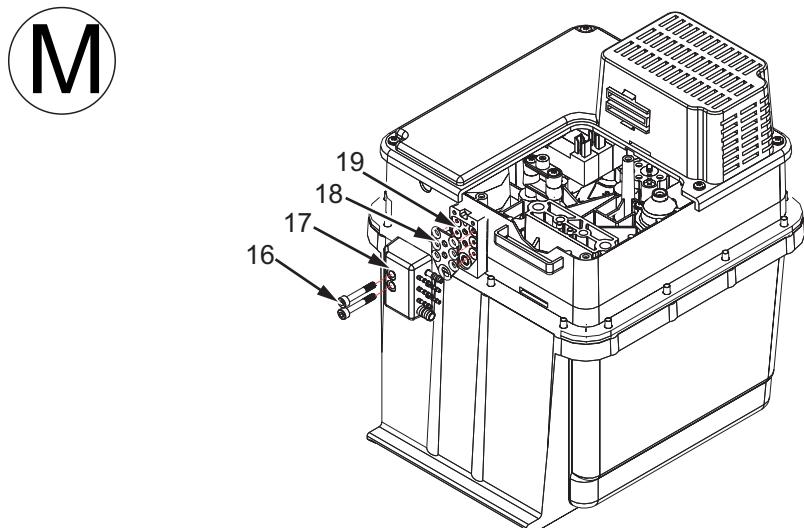


Figure 10-29: Ink Core Module Without Pump

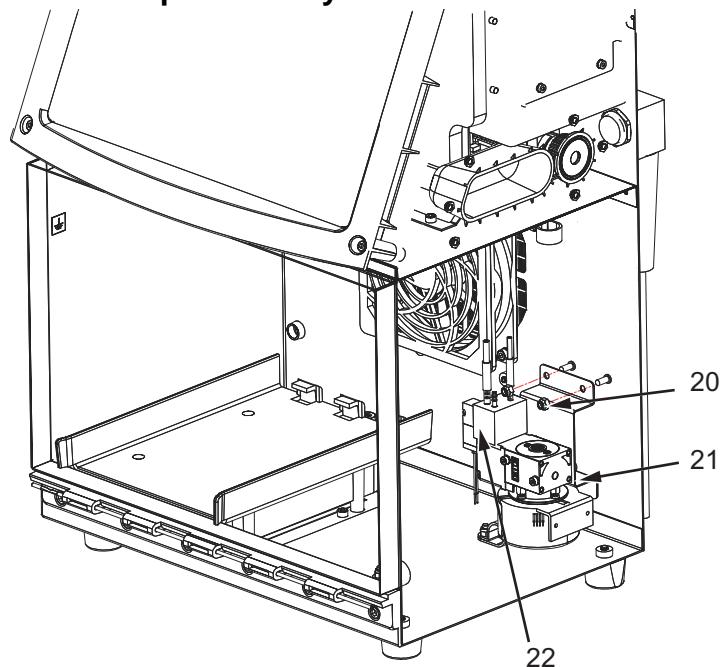
**Gutter Pump Assembly**

Figure 10-30: Gutter Pump Assembly (Videojet 1220)

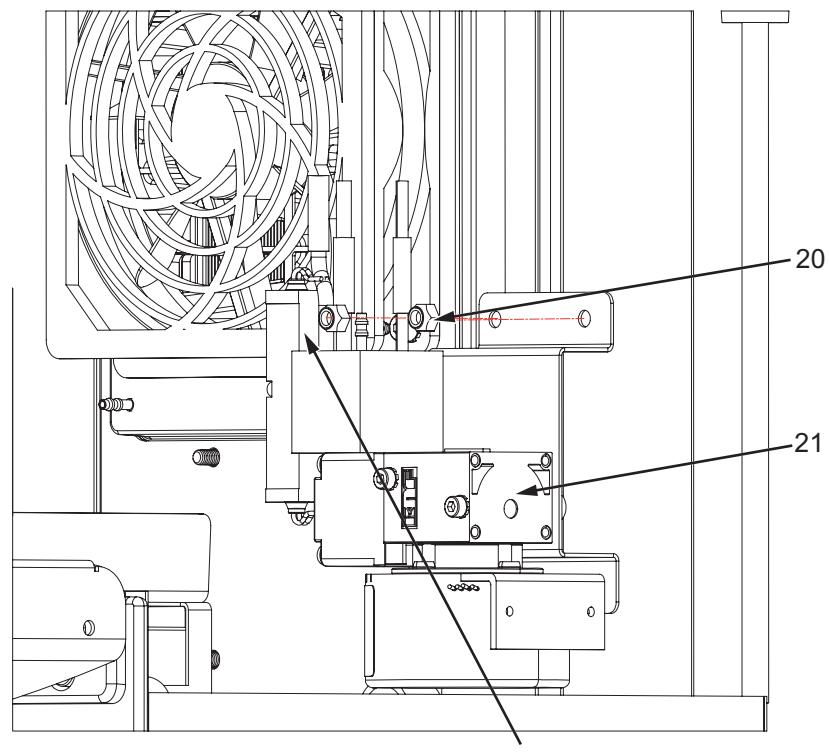


Figure 10-31: Gutter Pump Assembly (Videojet 1520)

## Ink System Fan

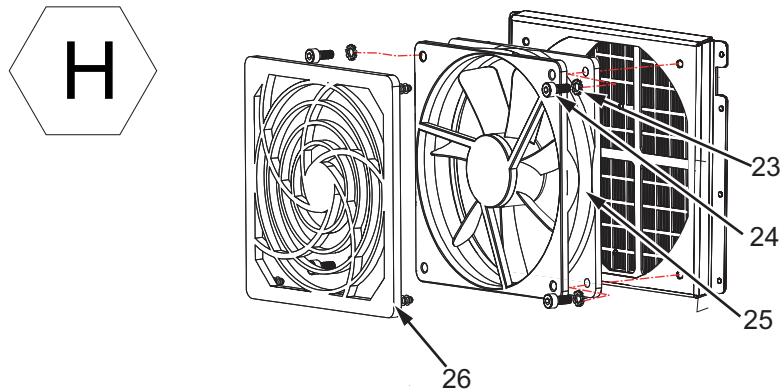


Figure 10-32: Ink System Fan Assembly

## Condenser Assembly (Videojet 1520 only)

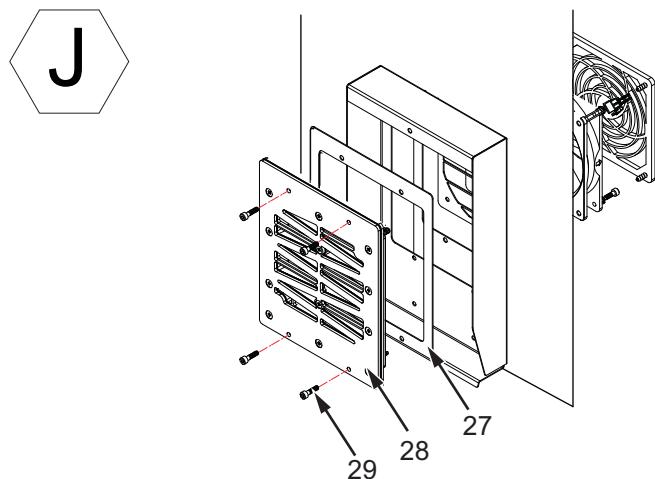


Figure 10-33: Condenser Assembly (Videojet 1520)

### Ink System Filter Assembly - IP65 (Optional for Videojet 1520)

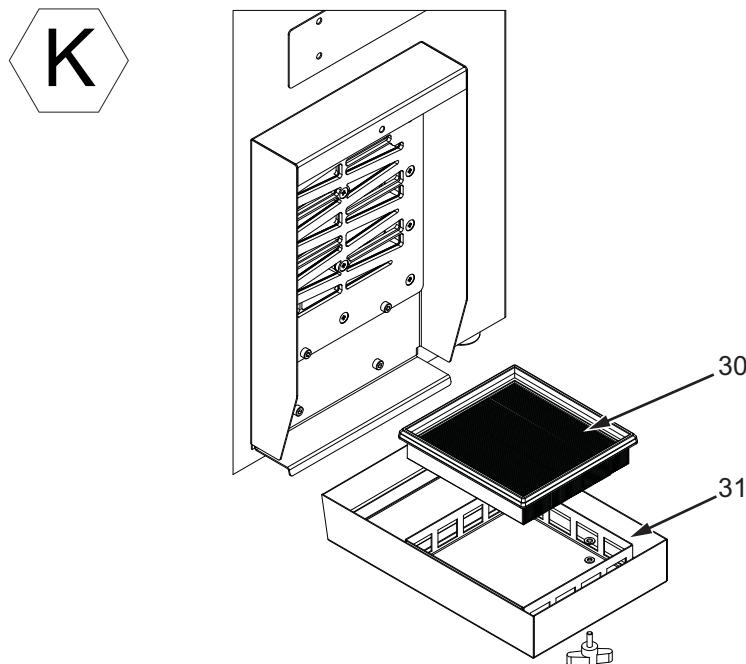


Figure 10-34: Ink System Filter Assembly - IP65

### Ink System Filter Assembly - IP55 (Videojet 1220)

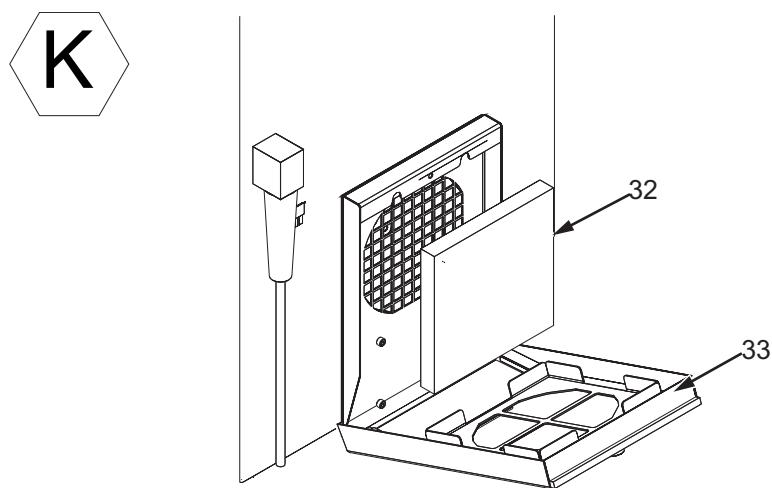


Figure 10-35: Ink System Filter Assembly - IP55

### Ink System Filter Assembly - IP55 (Videojet 1520)

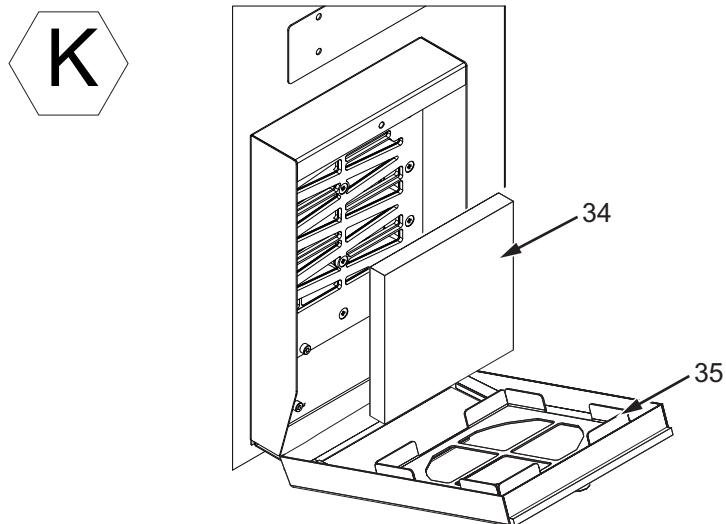


Figure 10-36: Ink System Filter Assembly - IP55

### Floor Filter IP65 (Optional for Videojet 1520)

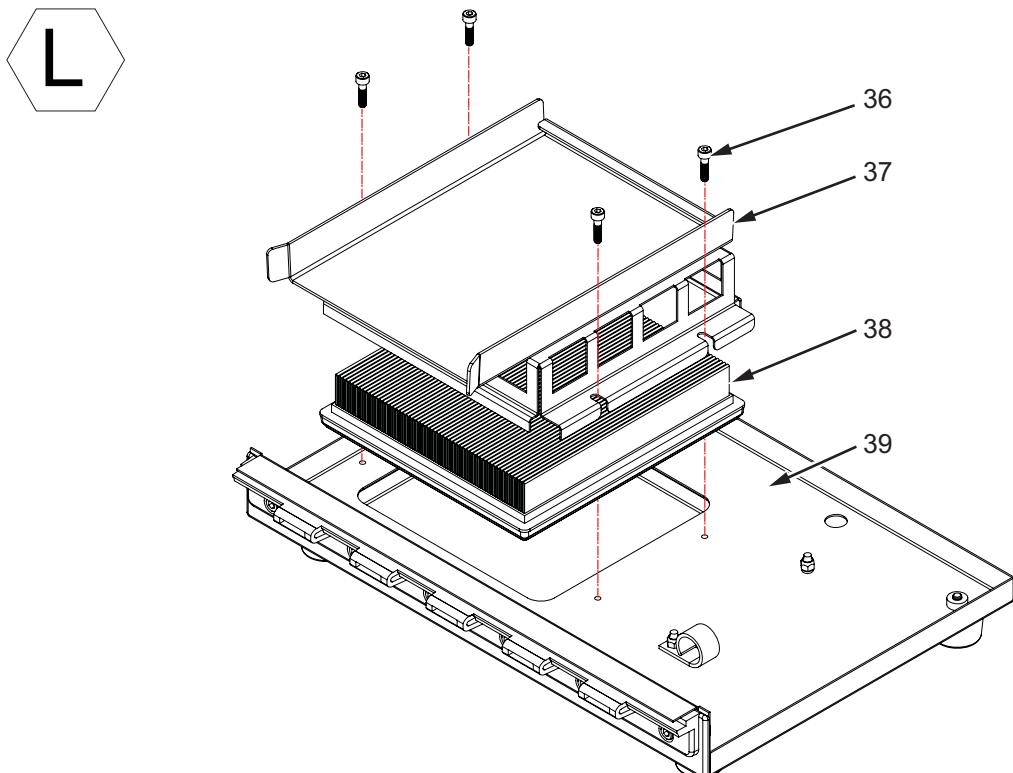


Figure 10-37: Floor Filter IP65

### Floor Filter(Videojet 1520)

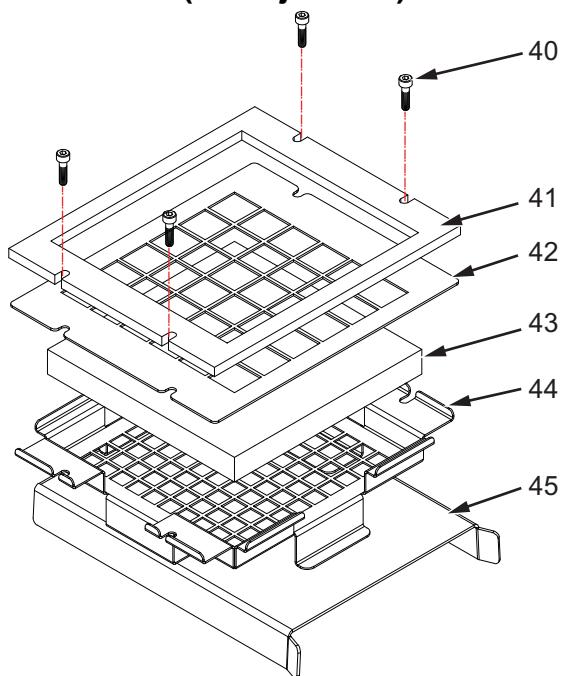


Figure 10-38: Floor Filter IP55

### Floor Filter IP55 (Videojet 1220)

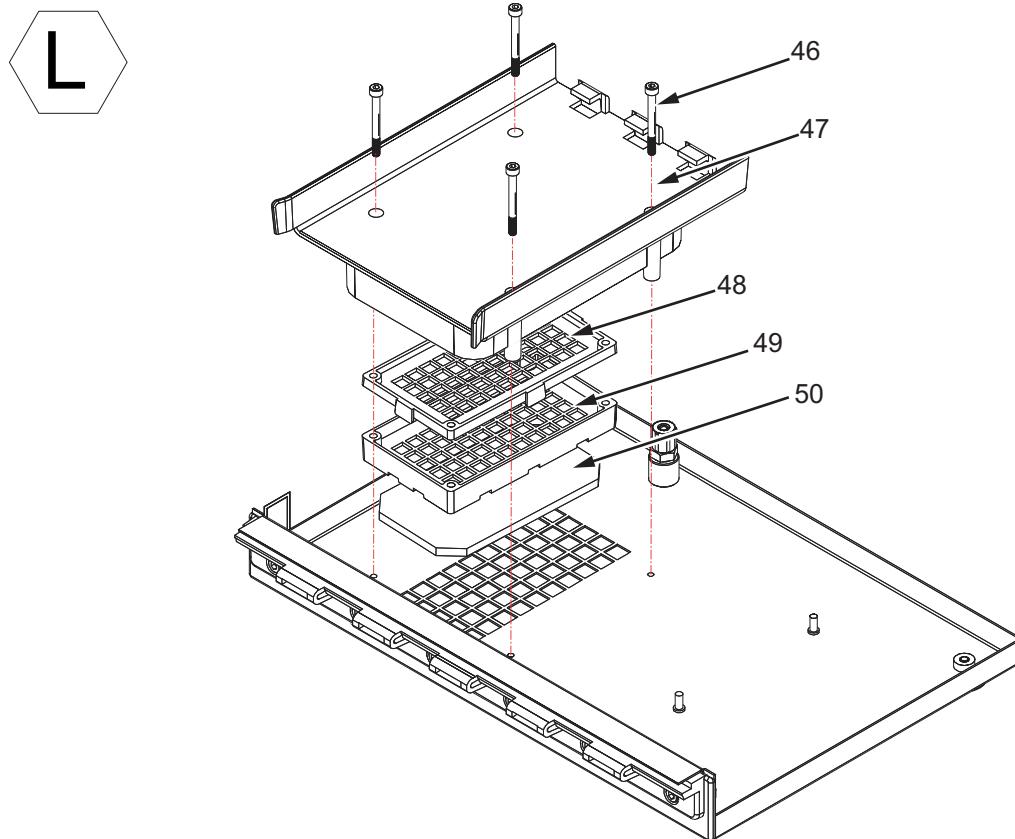


Figure 10-39: Floor Filter - IP55

### Vent Recovery System (Videojet 1220)

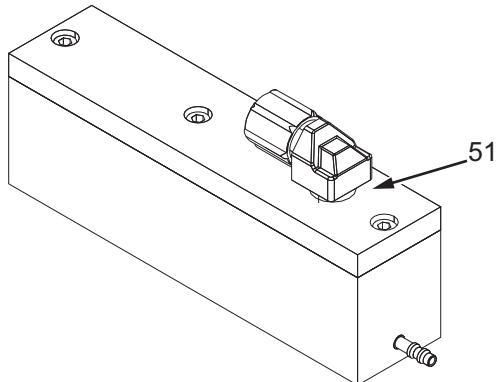


Figure 10-40: Vent Recovery System (Videojet 1220)

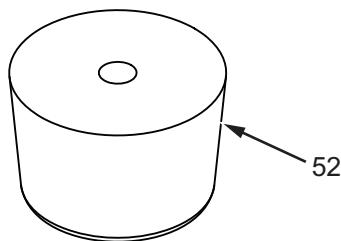
**Cabinet Foot**

Figure 10-41: Cabinet Foot

Item Number	P/N	Description	Qty
B		Ink Compartment	
1		Ink Cartridge	1
2		Make-up Cartridge	1
E	399071 (IP55) 399472 (IP65 Videojet 1520)	Ink Door Assembly	
	399392 (IP55) 399585 (IP65 Videojet 1520)	Ink Door Assembly FG	
3*		Hinge Pin	1
N	399073	Septum Assembly	
	399391	Septum Assembly Kit FG	
4		K30 x 12 Pan-head Torx Screw	2
5		M3 ET Washer	2
6		Tube and Ribbon Cable Clamp	1
7		K30 x 8 Pan-head Torx Screw	6
8		Black Stripe Tube (Ink System)	1
9		Septum	2
10		Green Stripe Tube (Make-up System)	1
F	SP392126 (Videojet 1220) SP392093 (Videojet 1520)	Ink Core with Pump	

Table 10-5: Ink Compartment

Item Number	P/N	Description	Qty
	<b>SP392127 (Videojet 1220 FG) SP392094 (Videojet 1520 FG)</b>	<b>Ink Core with Pump FG</b>	
11		<b>Ink Core Pump Cover</b>	1
12		<b>K30 x 12 Pan-head Torx Screw</b>	2
L	<b>399076</b>	<b>Ink Core Pump</b>	
	<b>399384</b>	<b>Ink Core Pump FG</b>	
13		<b>M4 x 35 Cap-head Screw</b>	2
14		<b>Saddle Clamp</b>	1
15		<b>Ink Core Pump</b>	1
M	<b>SP392167 (Videojet 1220) SP392165 (Videojet 1520)</b>	<b>Ink Core without Pump</b>	
	<b>SP392168 (Videojet 1220 FG) SP392166 (Videojet 1520 FG)</b>	<b>Ink Core Module without Pump FG</b>	
16		<b>M3 x 7 Manifold Screw</b>	2
17		<b>Ink Core Manifold (Male)</b>	1
18		<b>Ink Core Manifold Gasket</b>	1
19		<b>Ink Core Manifold (Female)</b>	1
G	<b>399171</b>	<b>Gutter Pump Assembly</b>	
	<b>399393</b>	<b>Gutter Pump Assembly FG</b>	
20		<b>M4 Nyloc Nut</b>	2
21		<b>Gutter Pump</b>	1
22		<b>3 Way Valve</b>	1
H	<b>399080</b>	<b>Ink System Fan Assembly</b>	
23		<b>M4 ET Washer</b>	4
24		<b>M4 x 10 Cap-head Screw</b>	4
25		<b>Fan</b>	1

Table 10-5: Ink Compartment

Item Number	P/N	Description	Qty
26		Fan Guard	1
J	399350	Condenser Assembly	
27		Condenser Body Gasket	1
28		Condenser Assembly	1
29		M4 x 16 Cap-head Screw	4
K		Ink System Filter Assembly	
		IP 65 (Videojet 1520)	
30	SP234502	Filter Element	1
31	395763	Filter Cover	1
		IP 55 (Videojet 1220)	
	399239	IP55 filter kit spares	1
32		Filter Element	1
33	SP399029	Filter cover	1
		IP 55 (Videojet 1520)	
34	234081	Filter Element	1
35	395762	Filter Cover	1
L		Floor Filter Assembly	
		IP 65 (Videojet 1520)	
36		M4 x 16 Cap-head Screw	4
37		Ink Core Support	1
38		Ink Side Filter	1
39	SP234502	Filter Element	1
		IP 55 (Videojet 1520)	
40		M4 x 16 Cap-head Screw	4
41		Floor Filter Cover Gasket	1
42		Filter Cover	1
43	234081	Filter Element	1

Table 10-5: Ink Compartment

Item Number	P/N	Description	Qty
44		Filter holder	1
45		Ink Core Support	1
		IP 55 (Videojet 1220)	
46		M4 x 40 Cap-head Screw	4
47		Ink Core Support Channel	1
48		Ink Side Filter Top	1
49		Ink Side Filter Base	1
50	SP223302	Filter Element	1
51	399281	Vent Recovery System (Videojet 1220 only)	1
	392004	Cabinet Feet Kit	
52	234500	Cabinet Foot	4

Table 10-5: Ink Compartment

\*- Items are not shown in the figure.

## Printhead

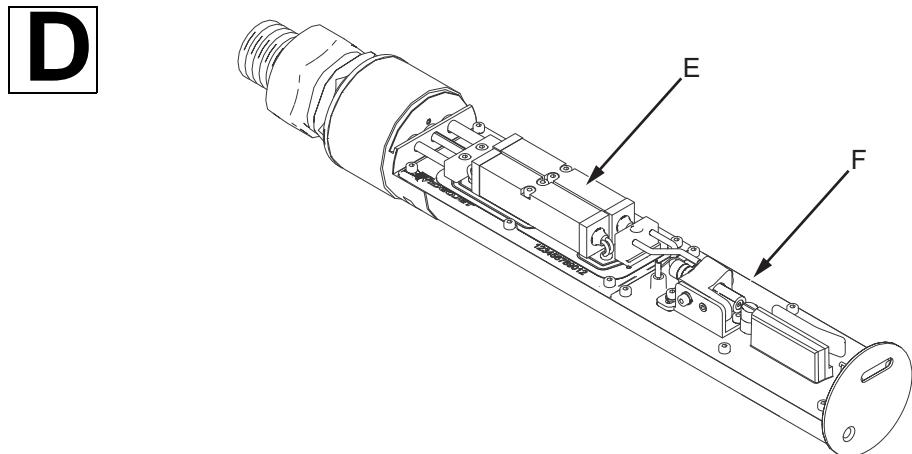


Figure 10-42: Printhead

D

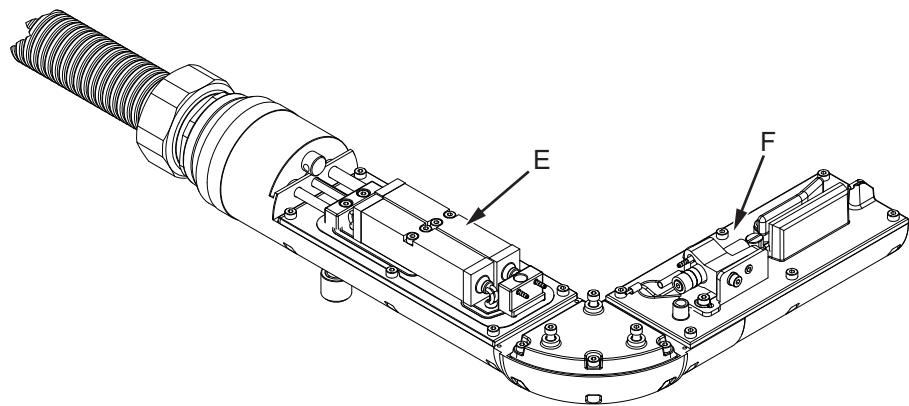


Figure 10-43: 90 Degree Printhead

### Printhead Valve Module

E

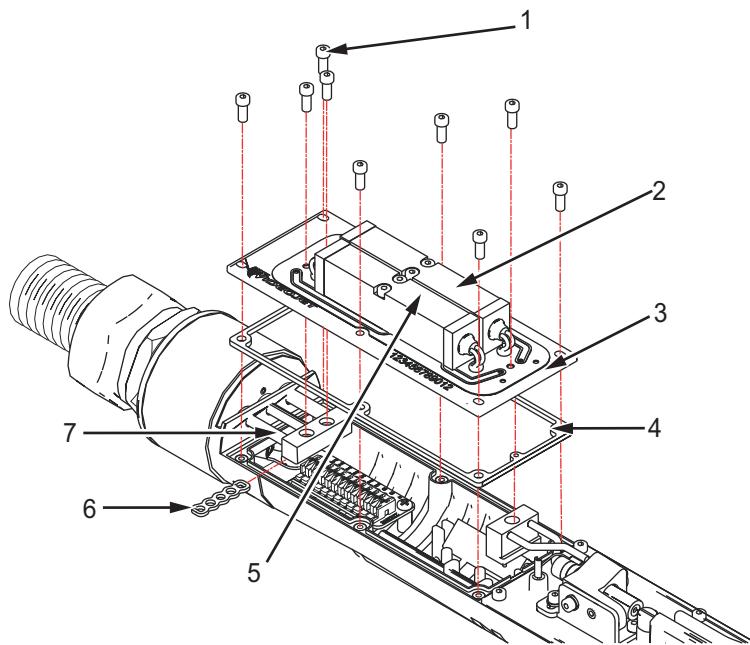


Figure 10-44: Printhead Valve Module

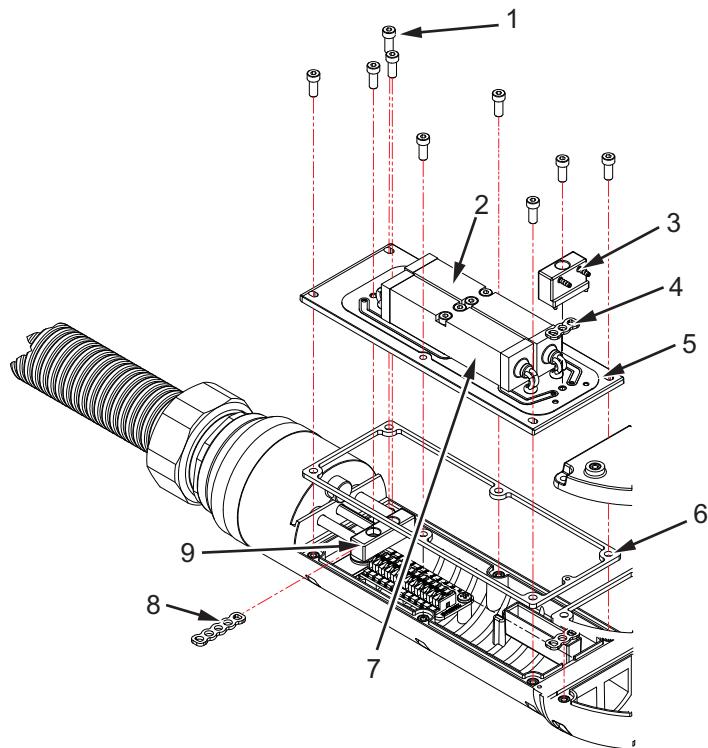


Figure 10-45: 90 Degree Printhead Valve Module

## Printhead Engine

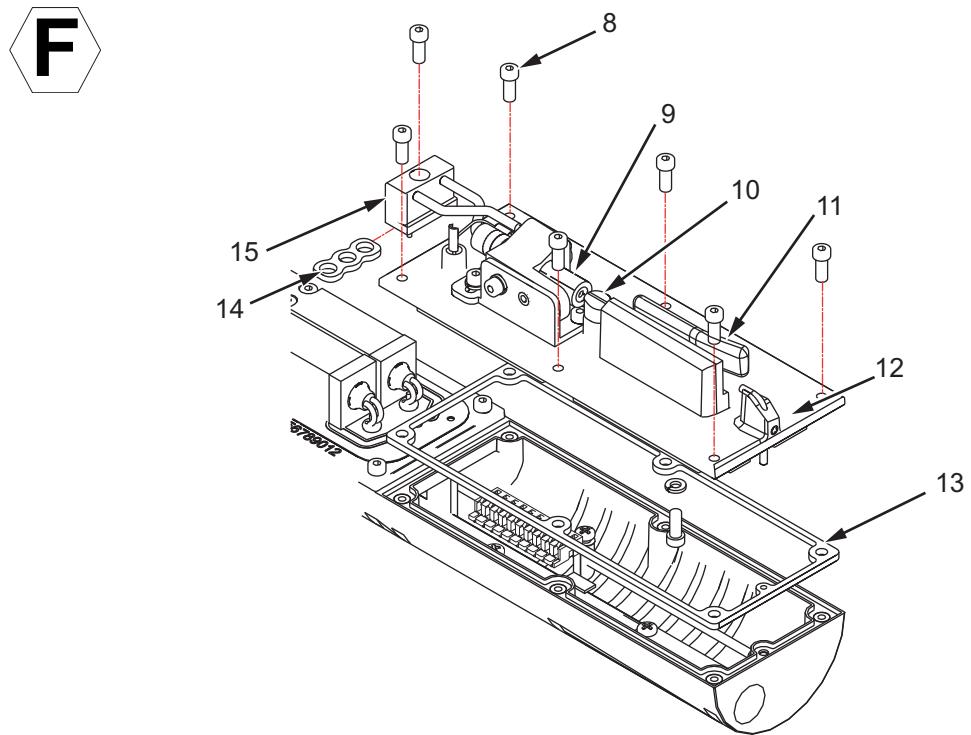


Figure 10-46: Printhead Engine

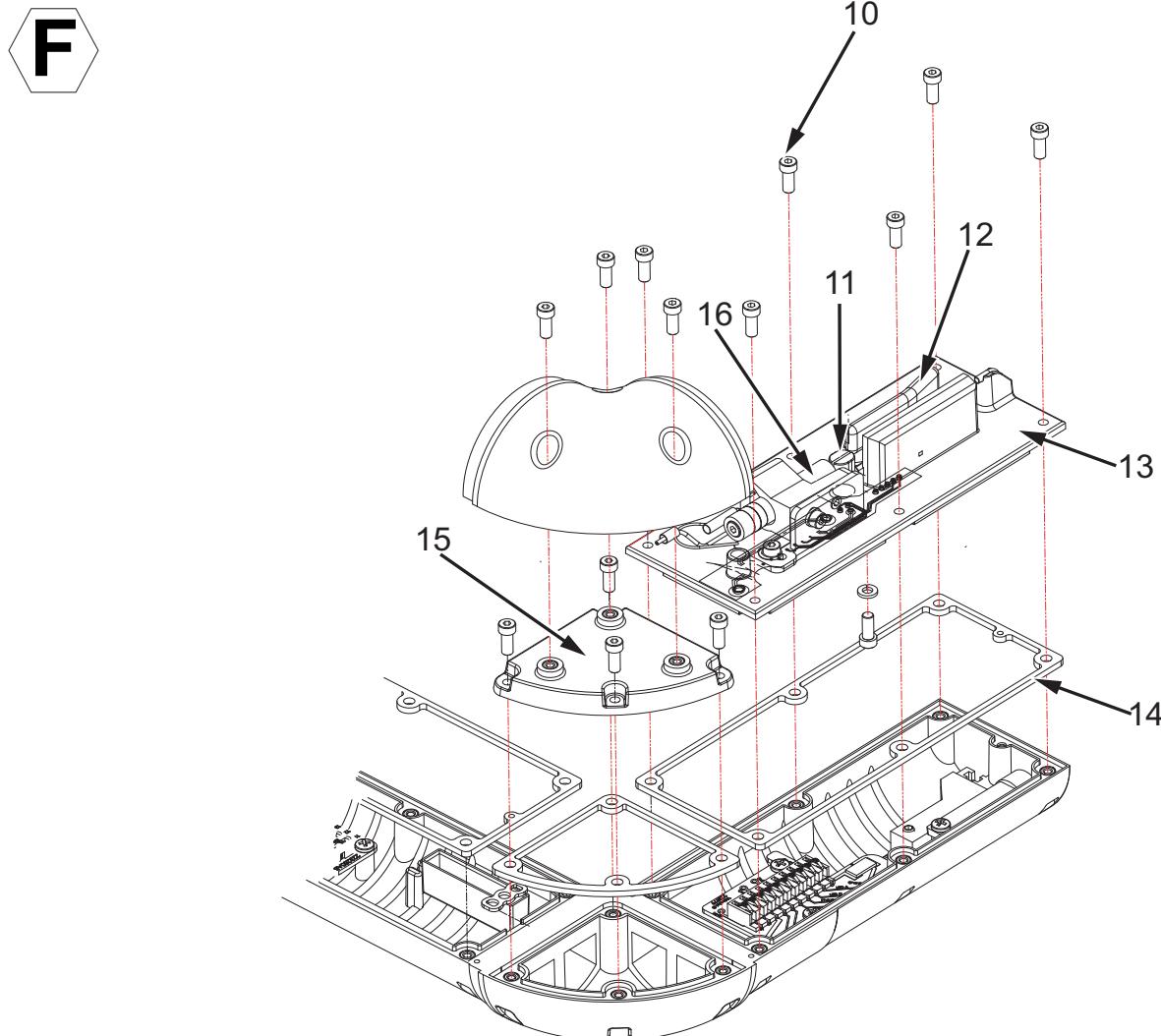


Figure 10-47: 90 Degree Printhead Engine

## Printhead

**Note:** Refer to Table 10-7 on page 10-40 for information on 90 degrees printhead

Item Number	P/N	Description	Qty
D		Printhead	
E	399181	Printhead Valve Module	
	399386	Printhead Valve Module FG	

Table 10-6: Printhead Assembly

Item Number	P/N	Description	Qty
1		M2 x 6 Cap-head Screw	9
2		Gutter Valve	1
3		Printhead Valve Module Deck	1
4	Refer to Item 16	Printhead Valve Module Gasket	1
5		Feed Valve	1
6	Refer to Item 16	Rear Manifold Gasket	1
7		3 Way Manifold Assembly (Rear Tubing Manifold)	1
F	399422	Printhead Engine (60 micron)	
	399180	Printhead Engine (70 micron)	
	399586	Printhead Engine FG (60 micron)	
	399385	Printhead Engine FG (70 micron)	
8		M2 x 6 Cap-head Screw	8
9		Nozzle Assembly	1
10		Charge Electrode	1
11		Deflector Plate	1
12		Printhead Engine Deck	1
13	Refer to Item 16	Printhead Engine Gasket	1
14	Refer to Item 16	Front Tubing Manifold Gasket	1
15		2 Way Manifold Assembly (Front Tubing Manifold)	1
16	399336	Printhead Gasket Kit	
		Gasket, Printhead	10
		Gasket, 3 way Manifold	10
		Gasket, 2 way Manifold	10
*		Connection Manifold Gasket	10
*		4.47 x 1.78 O-ring	10

Table 10-6: Printhead Assembly

## 90 Degree Printhead

Item Number	P/N	Description	Qty
D		Printhead	
E	399181	Printhead Valve Module	
	399386	Printhead Valve Module FG	
1		M2 x 6 Cap-head Screw	9
2		Gutter Valve	1
3		2 Way Manifold Assembly (Front Tubing Manifold)	1
4	Refer to Item 17	Front Tubing Manifold Gasket	1
5		Printhead Valve Module Deck	1
6	Refer to Item 17	Printhead Valve Module Gasket	1
7		Feed Valve	1
8	Refer to Item 17	Rear Manifold Gasket	1
9		3 Way Manifold Assembly (Rear Tubing Manifold)	1
F	SP399621	90 Degree Printhead Engine (60 micron)	
	SP399622	90 Degree Printhead Engine (70 micron)	
	SP399658	90 Degree Printhead Engine FG (60 micron)	
	SP399659	90 Degree Printhead Engine FG (70 micron)	
10		M2 x 6 Cap-head Screw	14
11		Charge Electrode	1
12		Deflector Plate	1
13		Printhead Engine Deck	1
14	Refer to Item 17	Printhead Engine Gasket	1
15		Corner Chassis Cap-Insert Assembly	1
16		Nozzle Assembly	1
17	399660	90 Degree Printhead Gasket Kit	

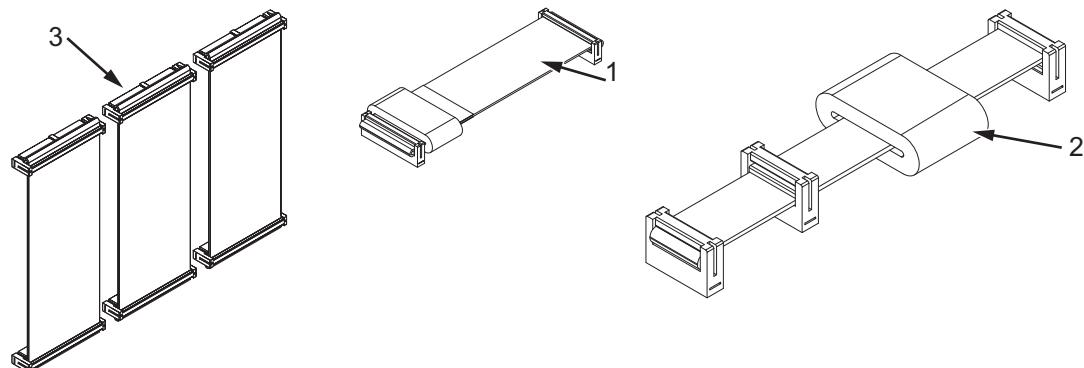
Table 10-7: 90 Degree Printhead Assembly

Item Number	P/N	Description	Qty
		<b>Gasket, Printhead</b>	<b>10</b>
		<b>Gasket, 3 way Manifold</b>	<b>10</b>
		<b>Gasket, 2 way Manifold</b>	<b>10</b>
*		<b>Connection Manifold Gasket</b>	<b>10</b>
*		<b>4.47 x 1.78 O-ring</b>	<b>10</b>
		<b>Gasket, Corner</b>	<b>10</b>

*Table 10-7: 90 Degree Printhead Assembly*

\*- Items are not shown in the figure

## Cables

*Figure 10-48: Cables*

Item Number	P/N	Description	Qty
	<b>399237 (Videojet 1220/1520)</b>	<b>Ribbon Cable Spare Kit</b>	
1		<b>Ribbon Cable Assembly Display</b>	1
2	<b>SP399052</b>	<b>Ribbon Cable Assembly Smart Chip and Pump 14 Way</b>	1
3		<b>50 Way Ribbon Cables</b>	3

Table 10-8: Cables

*\*- Items are not shown in the figure*

## Optional Accessories

### Beacon Kit

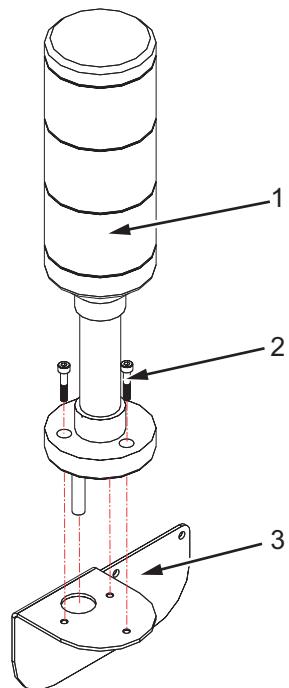


Figure 10-49: Beacon Kit

## Dry Air Kit Assembly

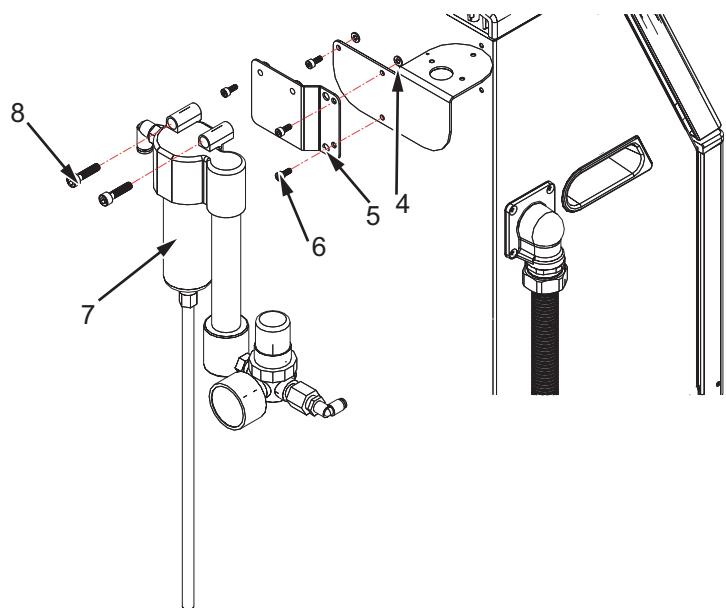


Figure 10-50: Dry Air Kit Assembly

## Static Stand

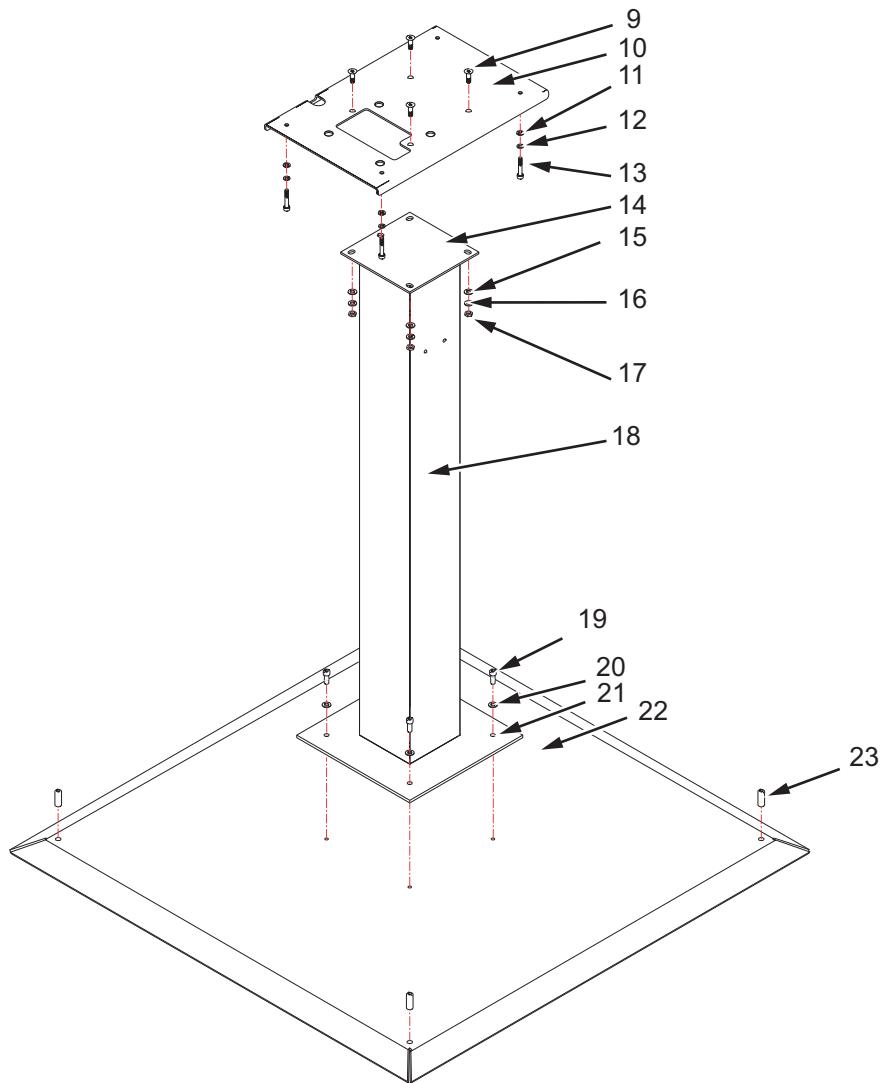


Figure 10-51: Static Stand

## Mobile Stand

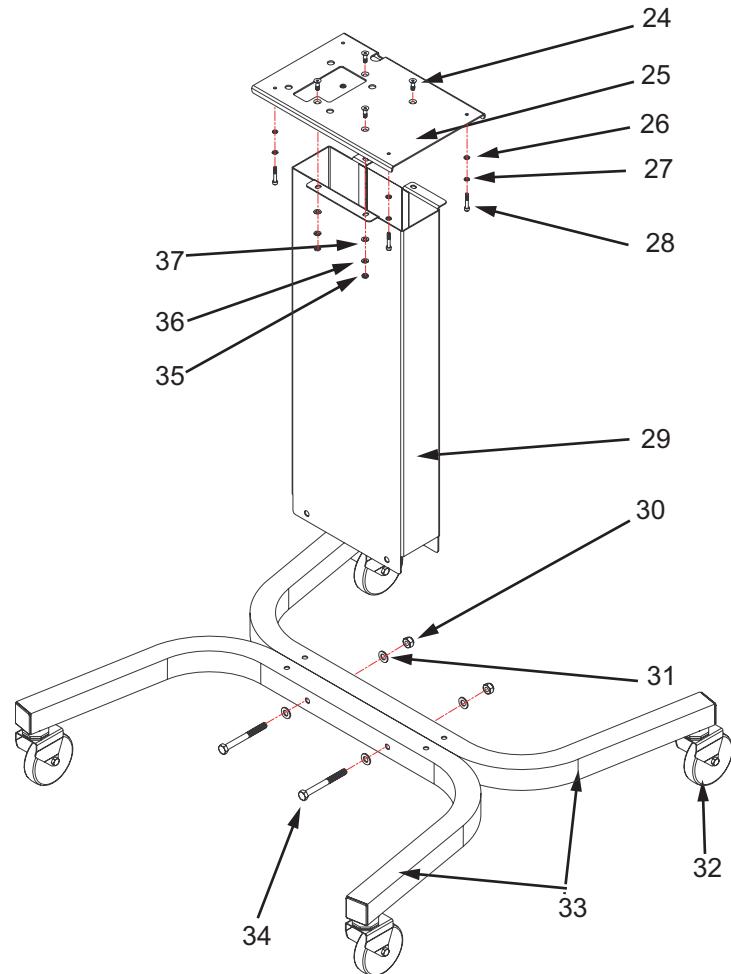


Figure 10-52: Mobile Stand

## Printhead Stand

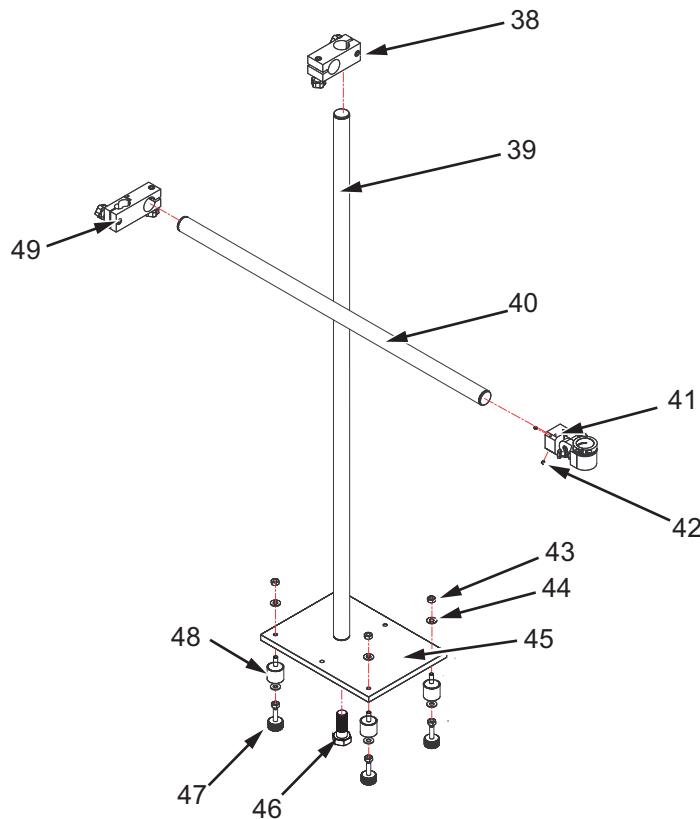


Figure 10-53: Printhead Stand

## Printhead Photocell Holder

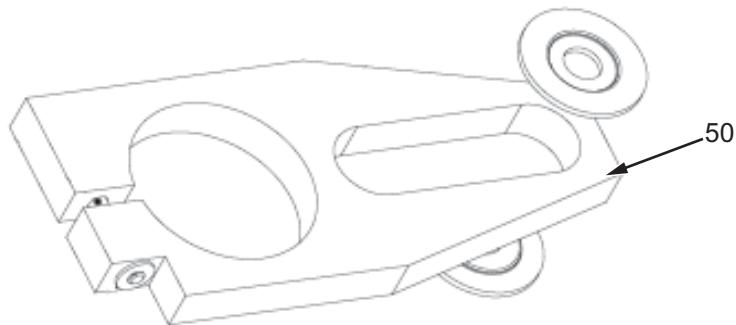


Figure 10-54: Printhead Photocell Holder - 6 mm, 8 mm, 18 mm

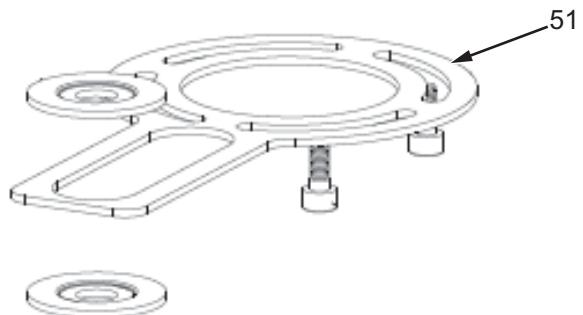


Figure 10-55: Printhead Photocell Holder -6 mm, 8 mm, 18 mm

### Printer Wall Mount

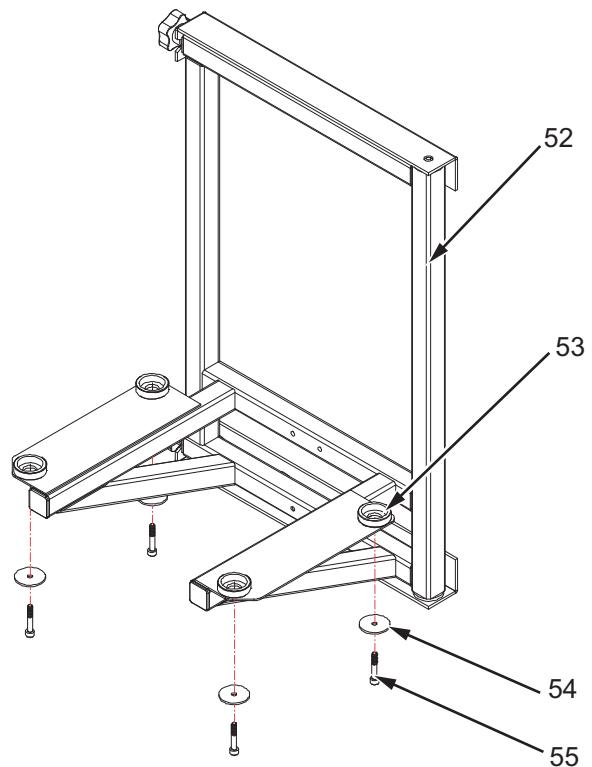


Figure 10-56: Printer Wall Mount

## Wash Station Assembly

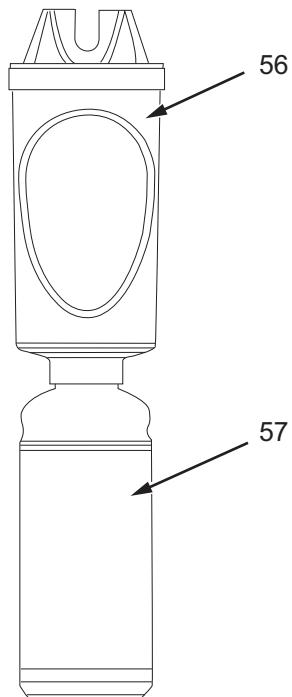


Figure 10-57: Wash Station Assembly

## Shaft Encoder



Figure 10-58: Shaft Encoder

### Shaft Encoder Accessories

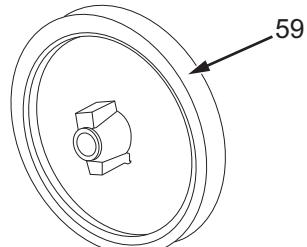


Figure 10-59: Circular Wheel

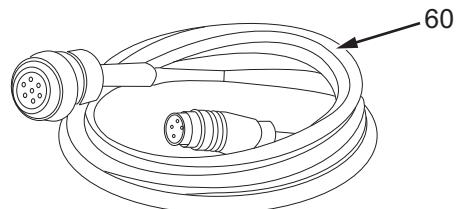


Figure 10-60: Shaft Cable



Figure 10-61: Spring Bracket

### Product Detectors



Figure 10-62: Detector EZ

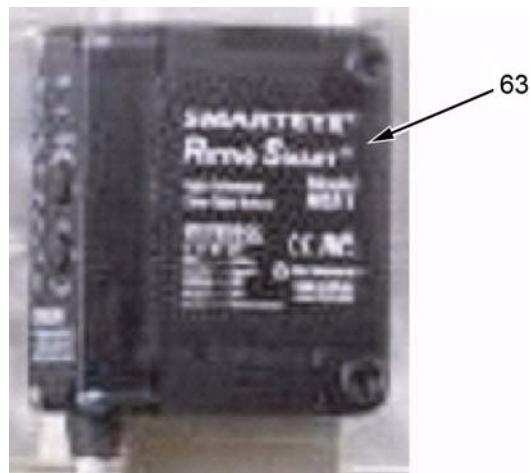


Figure 10-63: Detector Retro Smart

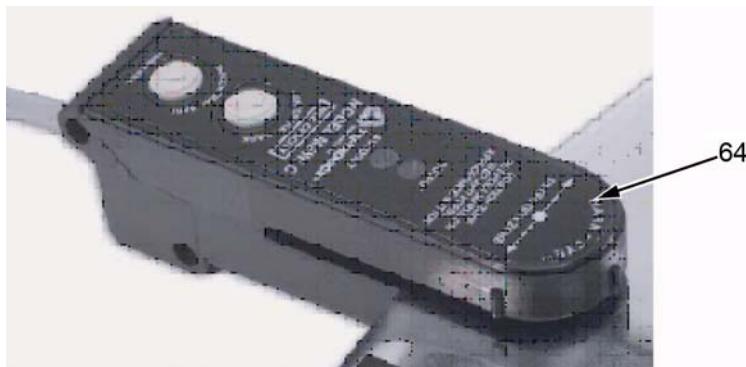


Figure 10-64: Detector Label Eye

## Power Accessories



Figure 10-65: Power Conditioner



Figure 10-66: Uninterrupted Power Supply

### Power Cord

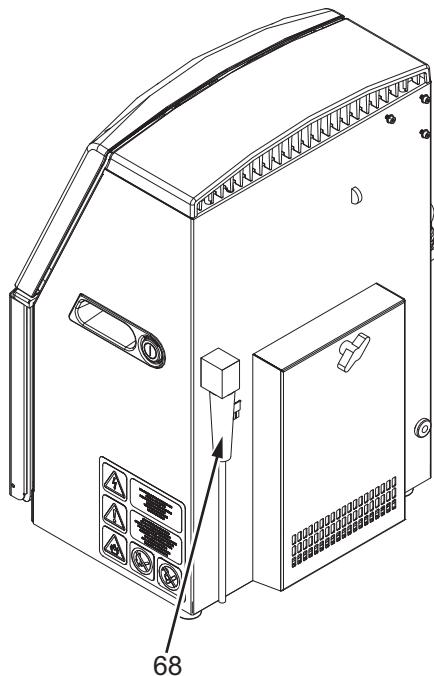


Figure 10-67: Power Cord (Videojet 1220)

## Din Plugs



Figure 10-68: 3 Way DIN Plug



Figure 10-69: 7 Way DIN Plug

Item Number	P/N	Description	Qty
	<b>399089</b>	<b>Beacon Assembly</b>	
1		<b>Beacon</b>	1
2		<b>M4x10 Socket-head Cap Screw</b>	3
3		<b>Beacon Mounting Bracket</b>	1
	<b>399090</b>	<b>Air Dryer Assembly</b>	
4		<b>M4 Nylon Washers</b>	2
5		<b>Air Dryer Mounting Bracket</b>	1
6		<b>M4 x 10 Socket-head Cap Screw</b>	3
7		<b>Air Dryer</b>	1
8		<b>1/4 inch-20 x 1 inch Socket-head Screw</b>	2
	<b>399099</b>	<b>Static Stand</b>	
9		<b>M6 x 16 Long Flat Socket-head Screw</b>	4
10	<b>234116</b>	<b>Adapter Plate</b>	1
11		<b>M5 Flat Washers</b>	4
12		<b>M5 Spring Lock Washers</b>	4
13		<b>M5 x 20 Long Socket-head Screw for IP55 Printers (or) M5 x 30 Long Socket-head Screw for IP65 printers</b>	4
14		<b>Column Top Plate</b>	1
15		<b>M6 Flat Washer</b>	4
16		<b>M6 Spring Lock Washer</b>	4
17		<b>M6 Hex Nut</b>	4
18		<b>Column</b>	1
19		<b>Cap-head Hex Screw, 1/4" x 20 UNC x 0.625</b>	4
20		<b>Flat Washer</b>	4
21		<b>Column Bottom Plate</b>	1
22		<b>Floor Plate</b>	1

Table 10-9: Accessories

Item Number	P/N	Description	Qty
23		3/8" - 16 Flat Point Socket-head, 1" Long	4
	399100	Mobile Stand	
24		M6 x 16 Long Flat Socket-head Screw	4
25	234116	Adapter Plate	1
26		M5 Flat Washer	4
27		M5 Spring Lock Washer	4
28		M5 x 20 Long Socket-head Screw for IP55 Printers (or) M5 x 30 Long Socket-head Screw for IP65 Printers	4
29		Column	1
30		Acorn Hex Nut	2
31		Flat Washer	4
32		Castors	4
33		Legs	2
34		Hex-head Bolt	2
35		M6 Hex Nut	4
36		M6 Spring Lock Washer	4
37		M6 Plain Washer	4
	399086	Printhead Stand	
38		Clamp Assembly	1
39		Vertical Tube	1
40		Printhead Cross Tube	1
41		Printhead Mount Assembly	1
42		M6 x 8 Grub Screw	2
43		M10 Nut	8
44		M10 Washer	8
45		Stand Base Plate	1
46		M16 X 40 Hex Bolt	1
47		Adjustable Foot	4

Table 10-9: Accessories (Continued)

Item Number	P/N	Description	Qty
48	399093	Anti-vibration Mounting	4
49		Umbilical Clamp Assembly	1
50	399278	Printhead Photocell Holder 6 mm, 8 mm, 18 mm	1
51	399294	Printhead Photocell Holder 6 mm, 8 mm, 18 mm	1
	399201	Printer Wall Mount (Stainless Steel)	
52		Wall Mounting Stand	1
53		Stand Cups	4
54		Clamp Washer	4
55		M5 x 30 Socket-head Screw or M5 x 20 Socket-head Screw	4
56	399085	Wash Station Assembly	1
	202047	250ml Wash Bottle	1
57	301-0007-005	Empty 1 Liter Bottle	1
58		Shaft Encoder	
		Encoders	
	41000255	2500 PPR	1
	377530	3600 PPR (use with 21000217)	1
	41000256	5000 PPR	1
		Encoder Kits	
	378815	1800 PPR kit (encoder, 25ft cable)	1
	40331750	2500 PPR kit (encoder, mounting bracket, wheel)	1
	378821	3600 PPR kit (encoder, 25ft cable)	1
	80200266	5000 PPR kit (encoder, mounting bracket, wheel)	1
59	21000217	12 inch Circular Wheel	1
	377529	12 inch Circular Wheel (With replaceable ring)	1
	377523	Replaceable ring for part 377529	1

Table 10-9: Accessories (Continued)

Item Number	P/N	Description	Qty
60	378192	3 m Shaft Cable	1
	378193	6 m Shaft Cable	1
	378985	Encoder Adapter Cable Kit(Videojet 1220/1520)	1
61	377519	Spring Bracket	1
62	234211	Detector EZ-Pro Proximity Fiber	1
	234212	Detector EZ-Pro Through Beam fiber	1
63	234215	Detector Retro Smart (Clear Materials)	1
64	234213	Detector Label Eye (Web Printing)	1
	234214	Detector Mark Eye (Web Registration Mark)	1
65*	378981	Product Detector Adapter Cable (Videojet 1220/1520)	1
66	356841-02	120 V Power Conditioner	1
	234597	240 V Power Conditioner	1
67	80000008	Uninterrupted Power Supply (120 V Version)	1
68		Power Cord (Refer to Table 10-10 on page 10-58)	1
69	500-0036-578	3 Way DIN Plug (Photo Cell) For product detector and reverse printing input	1
70	500-0036-583	7 Way DIN Plug (Relays) For Print Ready output and warnings	1
71*	500-0036-577	6 Way DIN Plug (Alert Beacon)	1
72*	500-0036-581	4 Way DIN Plug (Shaft Encoder)	1
73*	500-0036-584	8 Way DIN Plug (Message Select A/B)	1
74*	500-0076-141	DIN Plug Dust Cap	1
75*	399133	Exhaust Kit	1
76*	Refer item 48	Anti Vibration Kit Stand	1
77*	399068	Printhead Mounting	1
78*	399098	Universal Printhead Mounting	1
79*	500-0036-582	5 Way DIN Plug (RS232)	1
80*	234433	5 Way DIN Plug (RS485)	1

Table 10-9: Accessories (Continued)

*\*- Items are not shown in the figure*

## Power Cord

Part Number	Description
<b>SP399205</b>	<b>Mains Power Cable EUROPEAN</b>
<b>399251</b>	<b>US 120V Molded Plug Power Cord (Type B)</b>
<b>399252</b>	<b>European Union Molded Plug Power Cord (Type F)</b>
<b>399253</b>	<b>Danish Molded Plug Power Cord (Type K)</b>
<b>399254</b>	<b>Italian Molded Plug Power Cord (Type C)</b>
<b>399255</b>	<b>Swiss Molded Plug Power Cord (Type J)</b>
<b>399256</b>	<b>UK Molded Plug Power Cord (Type G)</b>
<b>399257</b>	<b>China Molded Plug Power Cord (Type I)</b>
<b>399258</b>	<b>India Molded Plug Power Cord (Type D)</b>
<b>399261</b>	<b>Swedish Molded Plug Power Cord</b>
<b>399262</b>	<b>Finnish Molded Plug Power Cord</b>
<b>399263</b>	<b>Norwegian Molded Plug Power Cord</b>

Table 10-10: Power Cord

## Miscellaneous Accessories

### Connectivity

Part Number	Description
<b>80200258</b>	<b>RS-232 Cable</b>
<b>399186</b>	<b>Extension Cables 3 m RS485</b>
<b>399062</b>	<b>Extension Cables 6 m RS232</b>
<b>399279</b>	<b>Lampstack Extension Cable Beacon 6m</b>

Table 10-11: Connectivity

Part Number	Description
223213	External Ethernet Connector Cable 5 m
SP399083	Ethernet Connector Kit Spares
SP399084	USB Connector Kit Spares

Table 10-11: Connectivity

## Hydraulics

Part Number	Description
399072	Tubing Kit Spare
SP234277	Spare Ribbon Cable Assembly With Covers
	Ink System Cover
	Ink System Cover Pump
	Ribbon Cable and Heatshrink Assembly, Ink System, 16 Way
	Ribbon Cable and Heatshrink Assembly, Ink System, 20 Way
	Ribbon Cable Lock

Table 10-12: Hydraulics

## Printhead and Umbilical

*Note:* Refer Table 10-13 on page 10-59 for Videojet 1220 and Table 10-14 on page 10-60 for Videojet 1520.

Part Number	Description
392031	Printhead and Umbilical Complete (2 m) 60 micron
399172	Printhead and Umbilical Complete (2 m) 70 micron
399174	Printhead and Umbilical Complete (3 m) 60 micron
399173	Printhead and Umbilical Complete (3 m) 70 micron
392033	Printhead and Umbilical Complete (2 m) 60 micron FG

Table 10-13: Printhead and Umbilical (Videojet 1220)

Part Number	Description
399466	Printhead and Umbilical Complete (2 m) 70 micron FG
399550	Printhead and Umbilical Complete (3 m) 60 micron FG
399387	Printhead and Umbilical Complete (3 m) 70 micron FG
399178	Printhead Chassis and Umbilical (3 m)
399389	Printhead Chassis and Umbilical FG (3 m)
399177	Printhead Chassis and Umbilical (2 m)
399467	Printhead Chassis and Umbilical FG (2 m)
SP399404	Printhead Sleeve and Screw
223277	Printhead Screw Only

Table 10-13: Printhead and Umbilical (Videojet 1220)

Part Number	Description
399506	Printhead and Umbilical Complete (3 m) 60 micron
395679	Printhead and Umbilical Complete (3 m) 70 micron
399555	Printhead and Umbilical Complete (3 m) 60 micron FG
395681	Printhead and Umbilical Complete (3 m) 70 micron FG
399507	Printhead and Umbilical Complete (6 m) 60 micron
395680	Printhead and Umbilical Complete (6 m) 70 micron
399556	Printhead and Umbilical Complete (6 m) 60 micron FG
395682	Printhead and Umbilical Complete (6 m) 70 micron FG
399508	Printhead Chassis and Umbilical (3 m)
399587	Printhead Chassis and Umbilical (3 m) FG
399509	Printhead Chassis and Umbilical (6 m)
399588	Printhead Chassis and Umbilical (6 m) FG
SP399355	Printhead Cover and Screw
395677	Cleaning Brush
395676	Cleaning Kit

Table 10-14: Printhead and Umbilical (Videojet 1520)

## 90 Degree Printhead and Umbilical

*Note:* Refer Table 10-15 for Videojet 1220 and Table 10-16 for Videojet 1520.

Part Number	Description
399639	<b>90 Degree Printhead and Umbilical Complete (2 m) 70 micron</b>
399648	<b>90 Degree Printhead and Umbilical Complete (2 m) 70 micron FG</b>
399637	<b>90 Degree Printhead and Umbilical Complete (3 m) 70 micron</b>
399646	<b>90 Degree Printhead and Umbilical Complete (3 m) 70 micron FG</b>
399641	<b>90 Degree Printhead and Umbilical Complete (3 m) 60 micron</b>
399650	<b>90 Degree Printhead and Umbilical Complete (3 m) 60 micron FG</b>
399636	<b>90 Degree Printhead Chassis and Umbilical (2 m)</b>
399657	<b>90 Degree Printhead Chassis and Umbilical (2 m) FG</b>
399634	<b>90 Degree Printhead Chassis and Umbilical (3 m)</b>
399655	<b>90 Degree Printhead Chassis and Umbilical (3 m) FG</b>
SP399518	<b>90 Degree Printhead Sleeve and Screw</b>

Table 10-15: 90 Degree Printhead and Umbilical (Videojet 1220)

Part Number	Description
399644	<b>90 Degree Printhead and Umbilical Complete (3 m) 60 micron</b>
395710	<b>90 Degree Printhead and Umbilical Complete (3 m) 70 micron</b>
399653	<b>90 Degree Printhead and Umbilical Complete (3 m) 60 micron FG</b>
395712	<b>90 Degree Printhead and Umbilical Complete (3 m) 70 micron FG</b>
399645	<b>90 Degree Printhead and Umbilical Complete (6 m) 60 micron</b>

Table 10-16: 90 Degree Printhead and Umbilical (Videojet 1520)

Part Number	Description
395711	<b>90 Degree Printhead and Umbilical Complete (6 m) 70 micron</b>
399654	<b>90 Degree Printhead and Umbilical Complete (6 m) 60 micron FG</b>
395713	<b>90 Degree Printhead and Umbilical Complete (6 m) 70 micron FG</b>
399634	<b>90 Degree Printhead Chassis and Umbilical (3 m)</b>
399655	<b>90 Degree Printhead Chassis and Umbilical (3 m) FG</b>
399635	<b>90 Degree Printhead Chassis and Umbilical (6 m)</b>
399656	<b>90 Degree Printhead Chassis and Umbilical (6m) FG</b>
SP399594	<b>90 Degree Printhead Sleeve and Screw</b>

Table 10-16: 90 Degree Printhead and Umbilical (Videojet 1520)

## Tools Kit

There are several tools in the tool kit for normal maintenance of printer.

### The Service Tool Kit (TL399250)

Table 10-17 lists the tool kit items and their part numbers.

Part Number	Description
234639	Allen/Hex Key, 0.035 inch, Set of 5
234638	M4 Nut Spinner (7mm)
234642	Ball Driver 2mm
234643	Ball Driver 2.5mm
234644	Ball Driver 3mm
234645	Ball Driver 4mm
234650	Side Cutters
234640	Allen/Hex Key 1.27mm, Set of 5
234641	Allen/Hex Key 1.5mm, Set of 5
234651	Folding Knife
234652	Knife Blades
234653	Spanner/Wrench 7mm
234654	Spanner/Wrench 1/2 inch
234655	Screwdriver Flat Blade 2.5mm
234657	DIN Spanner/Wrench
234658	Tube Cutter
355269	Loupe Magnifying Glass
234494	USB A to USB A Cable
399280	System Manifold Pressure Test Tool
399247	Nozzle Bypass Manifold Kit
234646	Torx Driver T10
234647	Torx Driver T20
234632	USB Memory Stick 2GB
234638	M4 Nut Spinner (7mm)
234648	No.1 Pozidrive
234649	No.2 Pozidrive

Table 10-17: TL399250 Tool Kit Parts List

Part Number	Description
	<b>Tool Bag</b>

*Table 10-17: TL399250 Tool Kit Parts List (Continued)*