



# Videojet 1880 +

## Illustrated Parts Breakdown

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# Section 1    Introduction

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## 1.1 About this Guide

This manual shows the replacement parts, and accessories, that are available for the Videojet 1880 + printer.

Products described in this manual, and products that can be used with the system, are subject to continuous improvement and may change without notice.

The Illustrated Parts Breakdown is intended for use only by qualified Videojet service personnel, and those customers who are qualified trained service or maintenance personnel.

### **⚠ WARNING**

#### **PERSONAL INJURY.**

Only trained service or maintenance personnel should perform the installation or replacement procedures. Qualified personnel are those who have successfully completed the training courses, have sufficient experience with this equipment, and are aware of the potential hazards to which they will be exposed.

## 1.2 Ordering Parts, Accessories, and Supplies

For your convenience, you can order replacement parts, accessories, and supplies from Videojet by telephone, by fax, or through our Internet ordering service. Please have the following information available to ensure quick, easy, and accurate service.

- Your customer number
- Your name and telephone number
- Your P.O. (Purchase Order) number
- Your preferred method of delivery
- Printer model and serial number
- The part number and quantity of all items required

### 1.2.1 To Order by Telephone

Call Videojet at 1-800-843-3610 (within the United States only) and speak to our Customer Service Representatives. Outside the U.S., local contact details will be available from the website [www.videojet.com](http://www.videojet.com). Telephone hours are 7:00 a.m. to 7:00 p.m. (telephone hours might change), Monday to Friday (Central Standard or Daylight Time). In emergencies, please contact our 24 - hour Technical Assistance Department at the same telephone number.

### 1.2.2 To Order by Fax

Fax orders can be sent 24 hours a day, 7 days a week:

- 1-800-582-1343 (USA)
- 630-616-3629 (International)

## Section 2      Illustrated Parts List

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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.

This manual contains the following informations:

- How to Read the IPL
- Videojet 1880 + Printer Parts

### 2.1 How to Read the IPL

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

#### 2.1.1 Illustrations

Table 1 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	△

Table 1: Symbols Representation - Assemblies

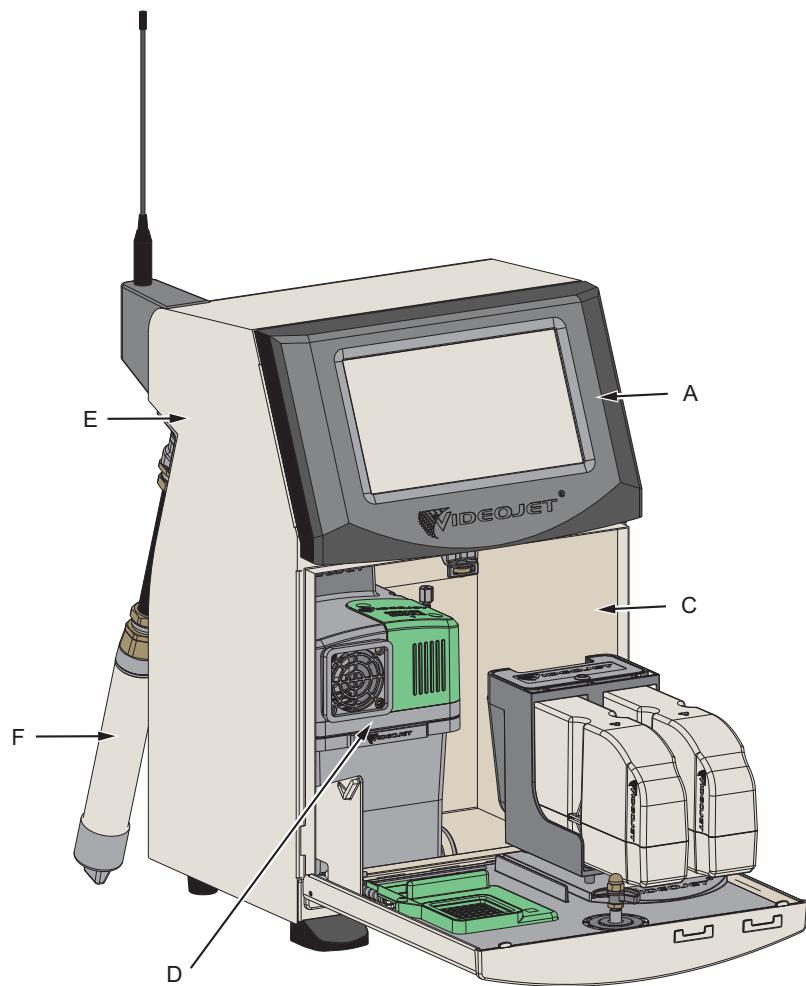
#### 2.1.2 Labelling

A letter is assigned to the main assemblies of a printer and a number is assigned to each sub assembly under the main assembly.

For example: If A, B, C and D identify the main assemblies of a printer, then letter-number sequence A1, A2 and so on identify sub assemblies below each main assembly in a sequence.

- The letters "I" and "O" are not used to avoid confusion with the numbers 1 and 0.

## 2.2 Videojet 1880 + Printer Parts



*Figure 1: Main Parts of the Printer*

Item	Descriptions	Sub-assembly
A	Touch Screen Display Unit	Refer to <a href="#">Table 3</a>
B*	Electronics Compartment	Refer to <a href="#">Table 4</a>
C	Ink Compartment	Refer to <a href="#">Table 13</a>
D	Ink System	Refer to <a href="#">Table 26</a>
E	Cabinet	Refer to <a href="#">Table 33</a>
F	Printhead	Refer to <a href="#">Table 34</a>

*Table 2: Videojet 1880 + Printer Assemblies*

\* Item not shown in Figure - accessible after opening display

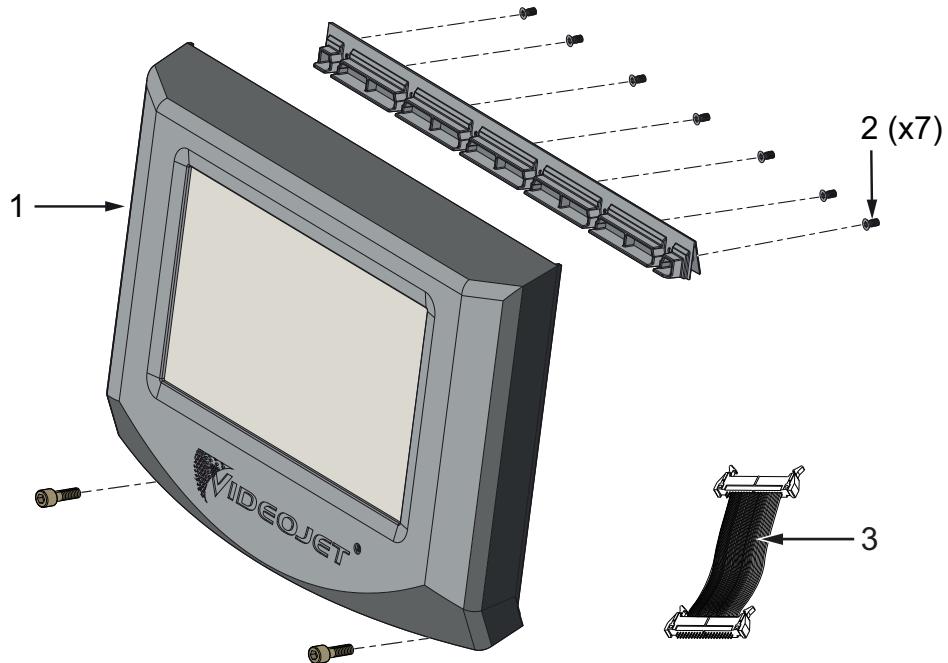
**A**

Figure 2: Touch Screen Display Unit

Item	Part Number	Descriptions	Quantity	Sub-assembly
A	611576	Touch Screen Assembly with Cable		
1		Touch Screen Display	1	
2		Torx Screw	7	
3		Ribbon Cable	1	
4*		Screw	1	
5*		Washer	3	
6*		Hinge	1	
7*	611585	Display Door Stay	1	

Table 3: Touch Screen Display Parts List

\* Item not shown in Figure

## Illustrated Parts List

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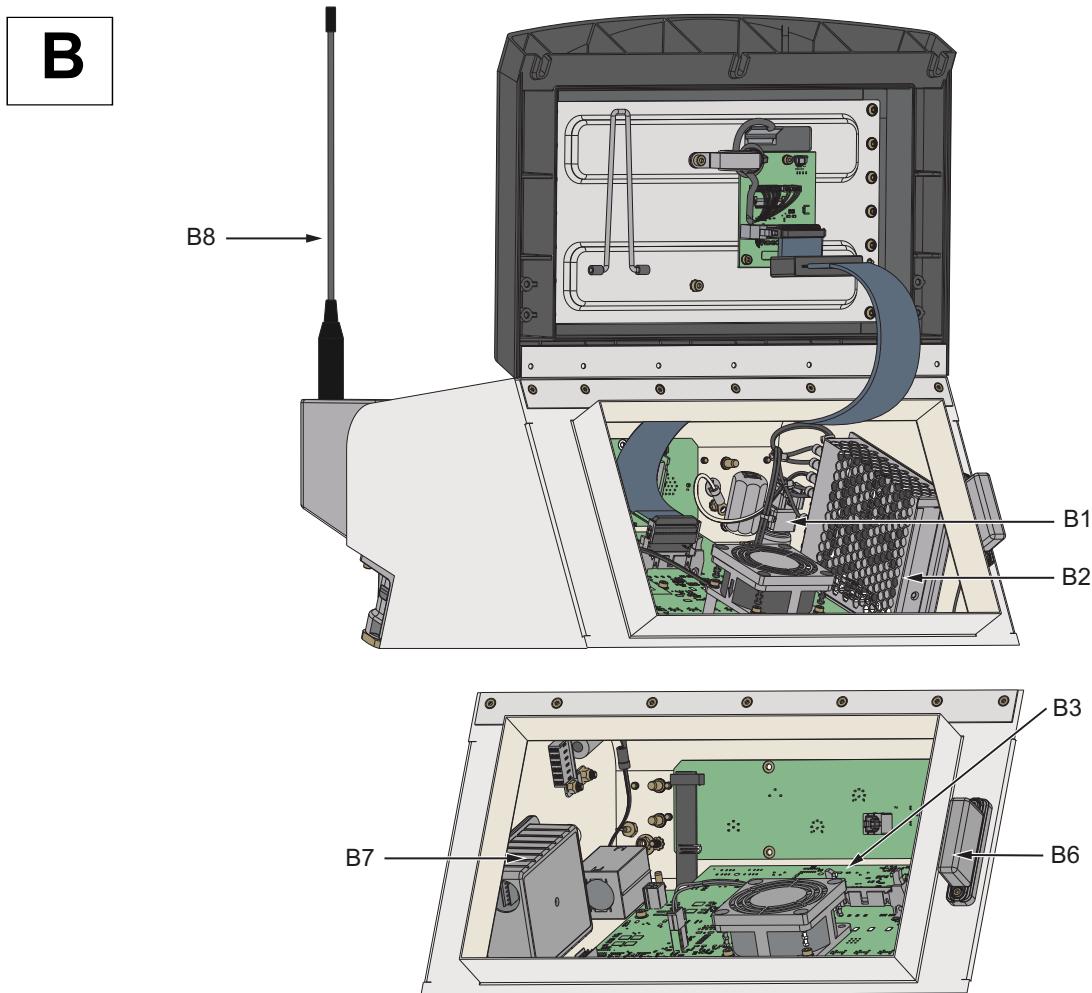


Figure 3: Electronics Compartment

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Electronics Compartment		
B1	613620	Power Switch		Refer to <a href="#">Table 5</a>
B2	611564	Power Supply Assembly		Refer to <a href="#">Table 6</a>
B3	611821	Main Control Board Assembly including Fan		Refer to <a href="#">Table 7</a>
B4*	385774	Wi-Fi Module Assembly		Refer to <a href="#">Table 8</a>
B5*	385775	Cellular Module Assembly		Refer to <a href="#">Table 9</a>
B6	385706	Wi-Fi Antenna Assembly		Refer to <a href="#">Table 10</a>
B7	613595	EHT Module Assembly		Refer to <a href="#">Table 11</a>
B8	611827	Cellular Antenna Assembly		Refer to <a href="#">Table 12</a>
B9*	611565	Power Supply/Switch Cables		Refer to <a href="#">Table 40</a>
B10*	613584	Display Cables		Refer to <a href="#">Table 40</a>

Table 4: Electronics Compartment Assemblies

\* Item not shown in Figure

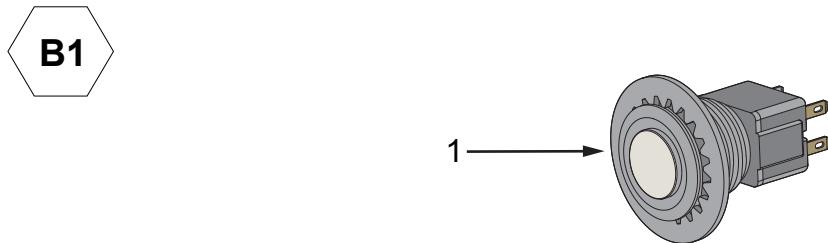


Figure 4: Power Switch

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Electronics Compartment		
B1	613620	Power Switch Assembly		
1		Switch	1	
2*		Internal Locking Washer	1	

Table 5: Power Switch

\* Item not shown in Figure

## Illustrated Parts List

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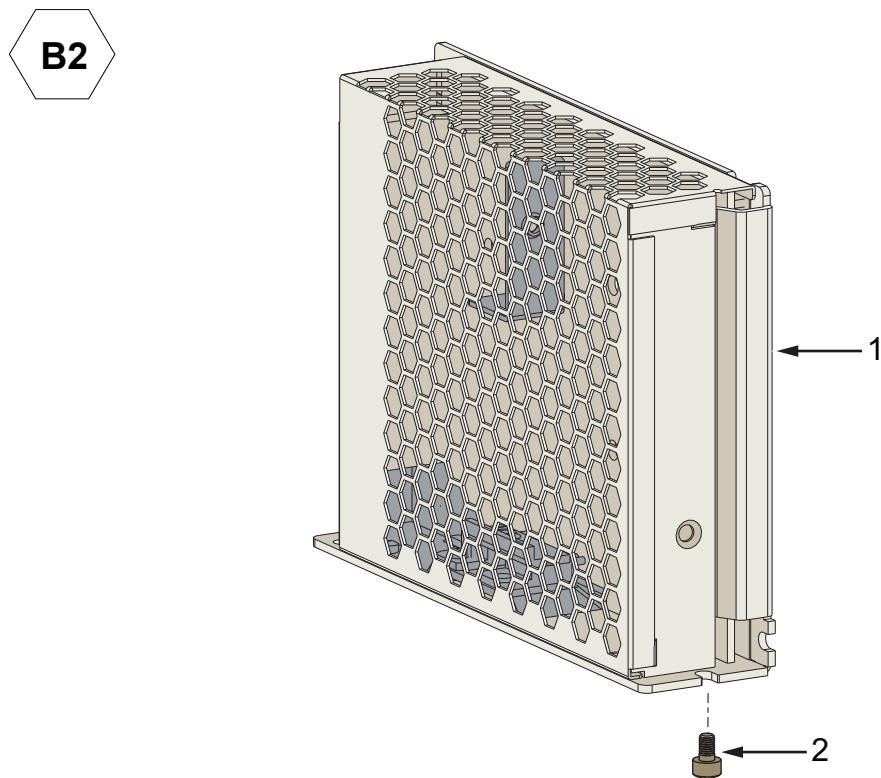


Figure 5: Main Power Supply Unit

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Electronics Compartment		
B2	611564	Power Supply Assembly		
1		Power Supply	1	
2		Socket-head Cap Screw	1	
3*		Kwik Nut	1	

Table 6: Main Power Supply Unit

\* Item not shown in Figure

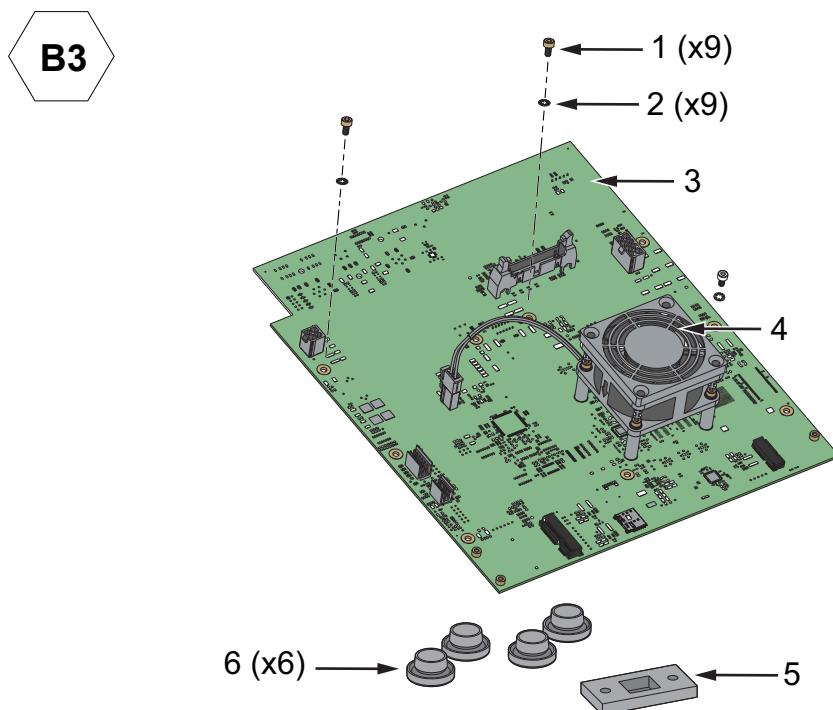


Figure 6: Main Control Board

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Electronics Compartment		
B3	611821	Main Control Board Assembly		
1		Socket-head Cap Screw	9	
2		Lock Washer	9	
3		Main Controller Board (MCB)	1	
4	611590	Electronics Compartment Fan Assembly	1	
5		MCB Gasket	1	
6		Protection Cap/Blanking Plug	6	
7*	611834	Micro SD Card Spare	1	
8*	SP234609	Battery	1	

Table 7: Main Control Board

\* Item not shown in Figure

B4

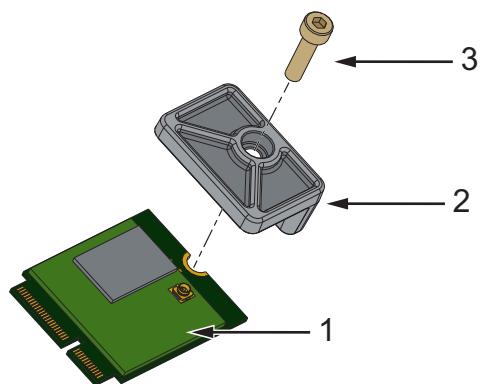


Figure 7: Wi-Fi Module Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Electronics Compartment		
B4	385774	Wi-Fi Module Assembly		
1		Wi-Fi Module	1	
2		Retaining Clip	1	
3		Cap-head Screw	1	

Table 8: Wi-Fi Module Assembly

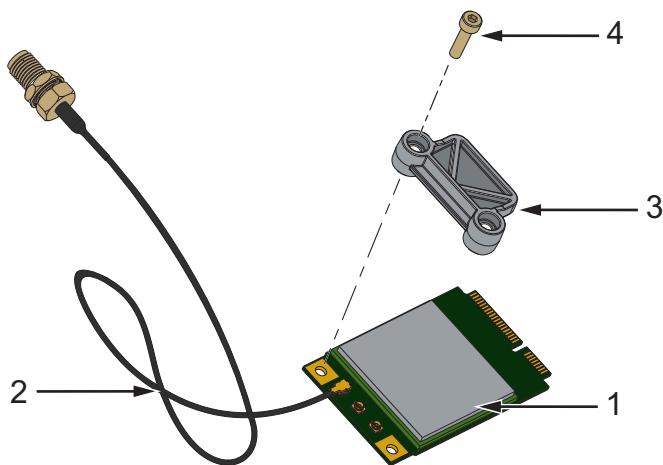
**B5**

Figure 8: Cellular Module Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Electronics Compartment		
B5	385775	Cellular Module Assembly		
1		Cellular Module	1	
2		Internal Antenna	1	
3		Retaining Clip	1	
4		Cap-head Screw	2	

Table 9: Cellular Module Assembly

## Illustrated Parts List

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B6

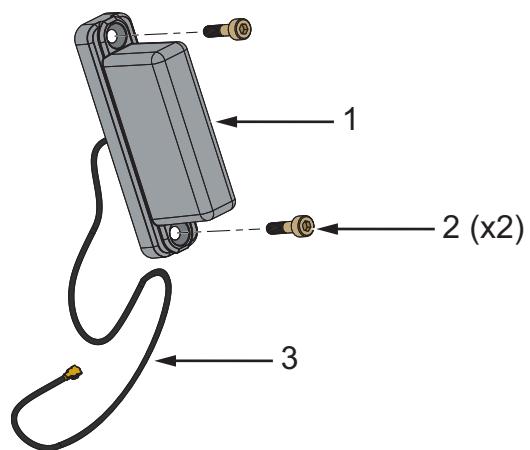


Figure 9: Wi-Fi Antenna Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Electronics Compartment		
B6	385706	Wi-Fi Antenna Assembly		
1		Wi-Fi Antenna (includes gasket and housing)	1	
2		Cap-head Screw	2	
3		Antenna Cable	1	

Table 10: Wi-Fi Antenna Assembly

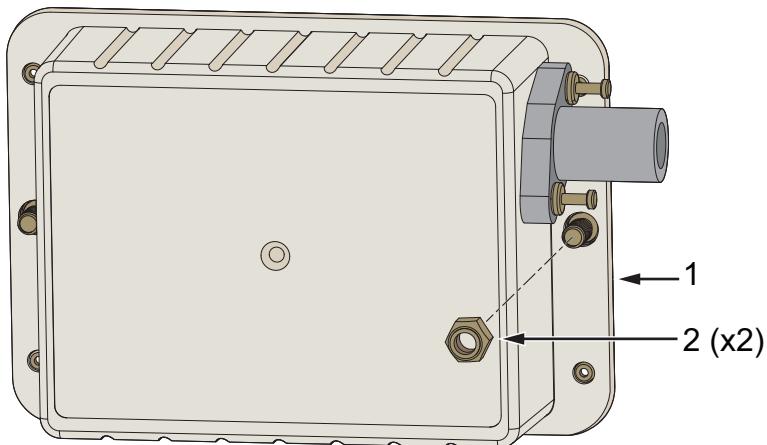
**B7**

Figure 10: EHT Module

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Electronics Compartment		
B7	613595	EHT Assembly		
1		EHT Module with Cable	1	
2		Nyloc Nut	2	

Table 11: EHT Module

## Illustrated Parts List

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**B8**

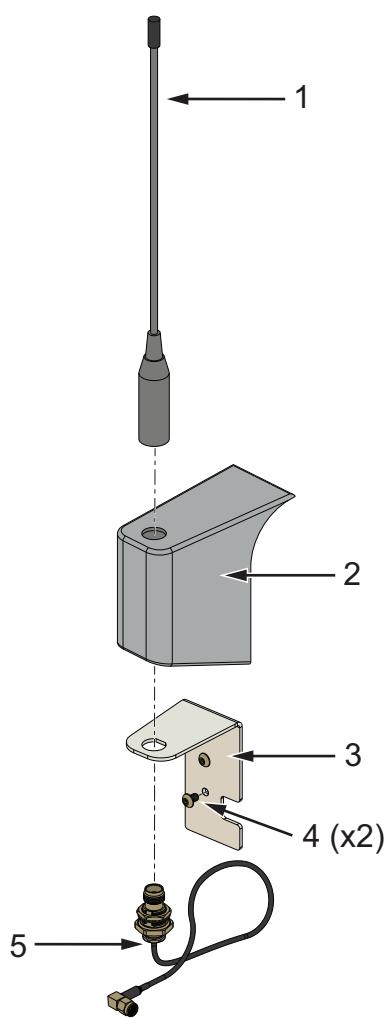


Figure 11: Cellular Antenna Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Electronics Compartment		
B8	611827	Cellular Antenna Assembly		
1		External Antenna	1	
2		Shroud	1	
3		Mounting Bracket	1	
4		Button-head Screw	2	
5		External Antenna Cable	1	
6*		Washer	1	

Table 12: Cellular Antenna Assembly

\* Item not shown in Figure

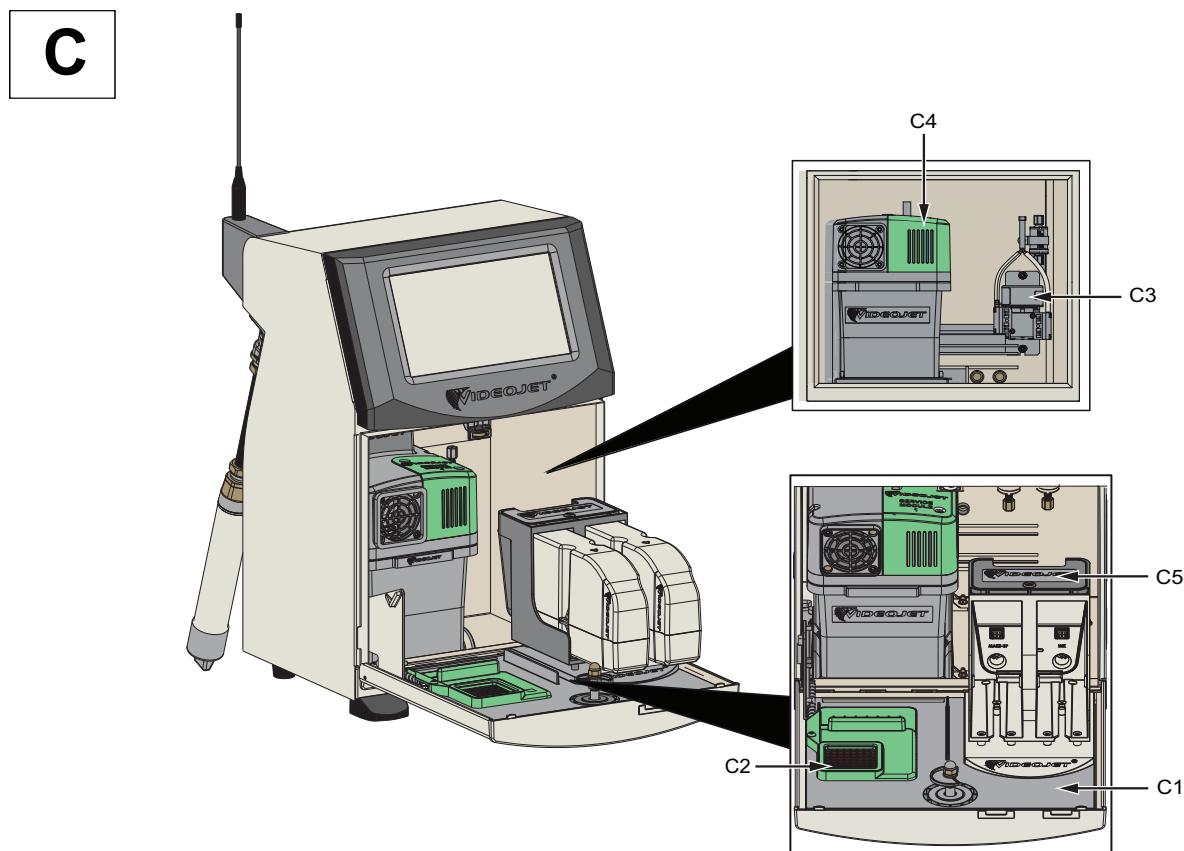


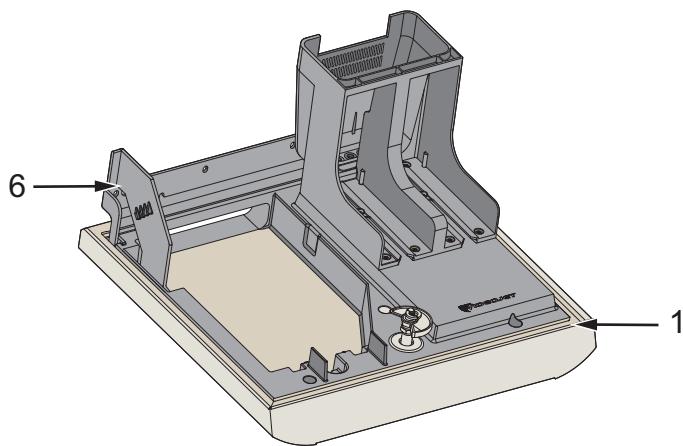
Figure 12: Ink Compartment

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C1	611829	Ink System Door Assembly - IP66		<a href="#">Refer to Table 14</a>
	611828	Ink System Door Assembly - IP55		
C2	611613 611221	Filter Box Assembly		<a href="#">Refer to Table 15</a> <a href="#">or Table 16</a>
C3	611396	Positive Air Pump Assembly		<a href="#">Refer to Table 17</a>
C4	611554	Service Module 1 Assembly		<a href="#">Refer to Table 18</a>
C5	611686	Solvent Control Module Assembly		<a href="#">Refer to Table 19</a>
C6*	611822	Solvent Control Module Manifold		<a href="#">Refer to Table 20</a>
C7*	613617	Gutter Pump Assembly		<a href="#">Refer to Table 21</a>
C8*	611167	Flush Filter		<a href="#">Refer to Table 22</a>
C9*	611168	Ink Line Filter		<a href="#">Refer to Table 23</a>
C10*	611575	Inline Filter		<a href="#">Refer to Table 24</a>
C11*	611423	Support Tray (IP55)		<a href="#">Refer to Table 25</a>

Table 13: Ink Compartment Assemblies

\* Item not shown in Figure

C1



*Figure 13: Ink Door Assembly*

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C1	611829	Ink System Door Assembly - IP66		
	611828	Ink System Door Assembly - IP55		
1		Ink System Door	1	
2*		Hinge Pin	1	
3*		Socket-head Screw	6	
4*		Air Filter	1	
5*		Air Filter Lid	1	
6	611587	Spare Ink Door Stay	1	
		Pan-head Screws	2	

*Table 14: Ink Door Assembly*

\* Item not shown in Figure

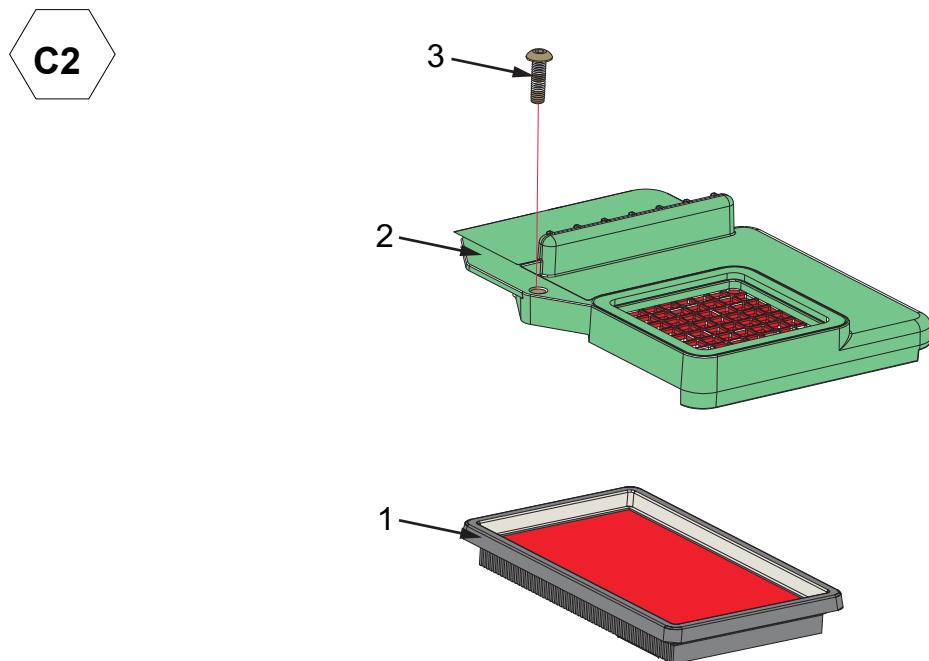


Figure 14: Filter Box Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C2	611613	Filter Box Assembly		
1		Filter	1	
2		Filter Lid	1	
3		Screw	1	

Table 15: Filter Box Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
1	611221	Filter	5	

Table 16: Filter

## Illustrated Parts List

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C3

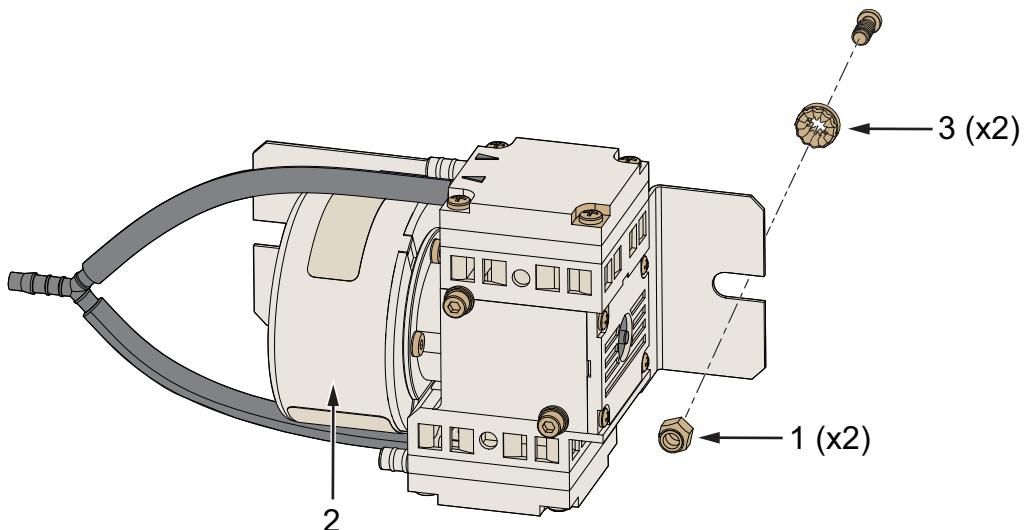


Figure 15: Positive Air Pump Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C3	611396	Positive Air Pump Assembly		
1		Nut	2	
2		Pump Assembly with Bracket	1	
3		Anti-Vibration Mount	2	
4*		Washer	2	

Table 17: Positive Air Pump Assembly

\* Item not shown in Figure

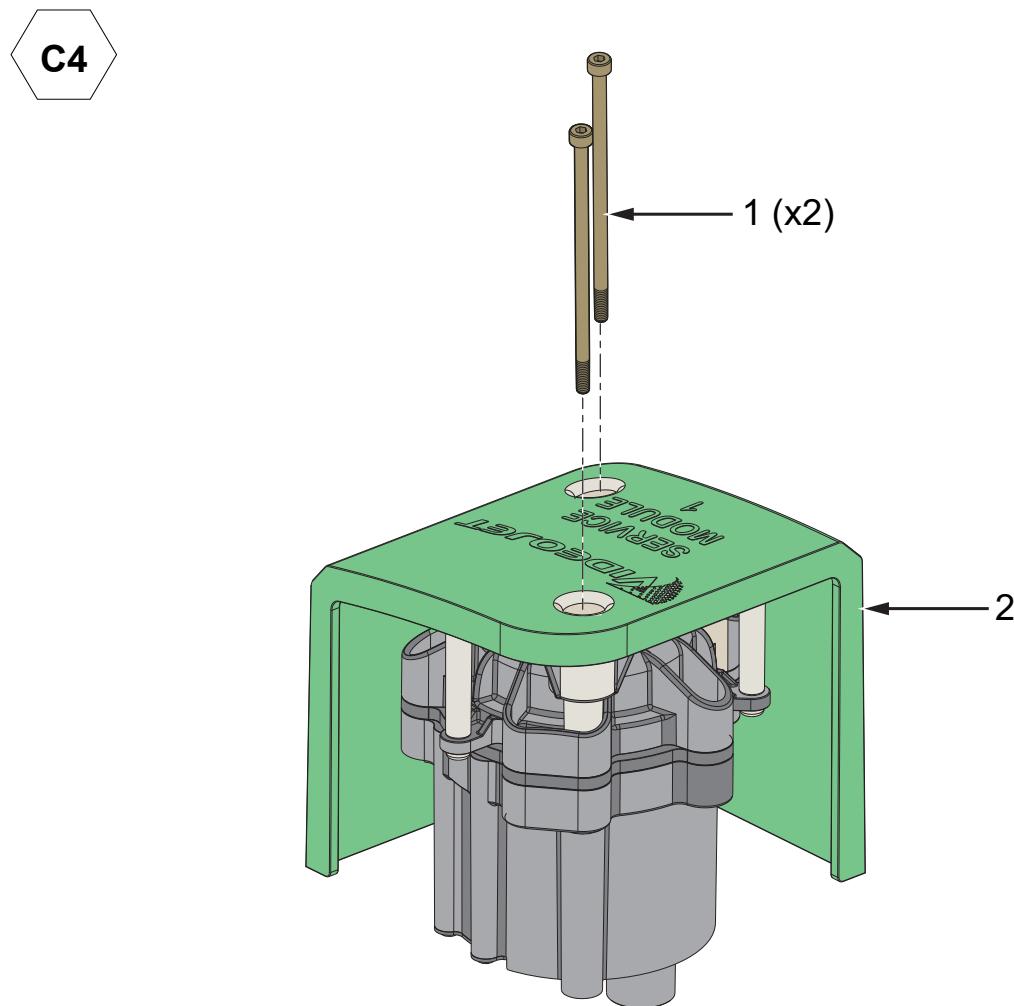
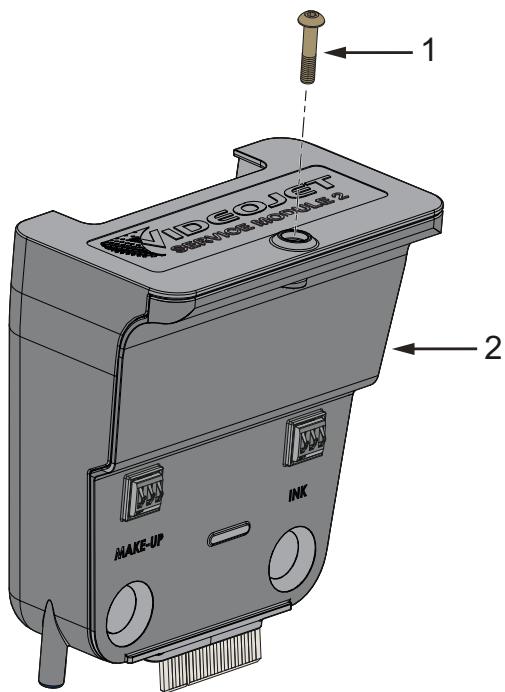


Figure 16: Service Module 1 Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C4	611554	Service Module 1		
1		Cap Head Screw	2	
2		Service Module 1	1	

Table 18: Service Module 1 Assembly

C5



*Figure 17: Solvent Control Module Assembly*

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C5	611686	Solvent Control Module Assembly		
1		Button-head Screw	1	
2		Solvent Control Module	1	
3*		Delta PT Screw	2	
4*		O-ring	3	

*Table 19: Solvent Control Module Assembly*

\* Item not shown in Figure

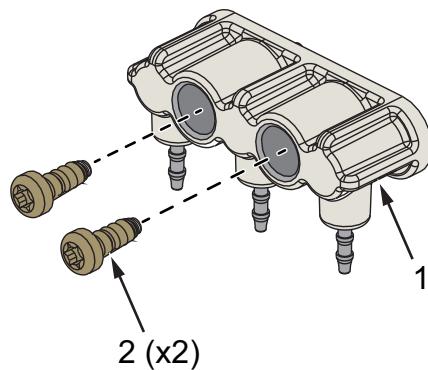
**C6**

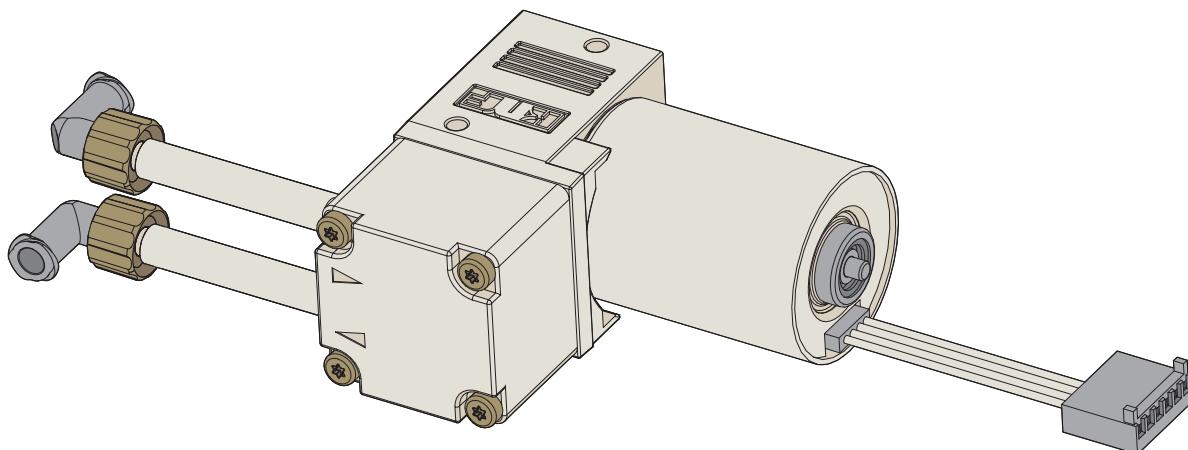
Figure 18: Solvent Control Module Manifold

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C6	611822	Solvent Control Module Manifold		
1		Manifold	1	
2		Delta PT Screw	2	
3*		O-ring	3	

Table 20: Solvent Control Module Manifold

\* Item not shown in Figure

C7



*Figure 19: Gutter Pump Assembly*

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C7	613617	Gutter Pump Assembly		
1		Gutter Pump	1	
2*		Socket-head Cap Screw	2	
3*		Nylon Washer	2	
4*		Nyloc Nut	2	

*Table 21: Gutter Pump Assembly*

\* Item not shown in Figure

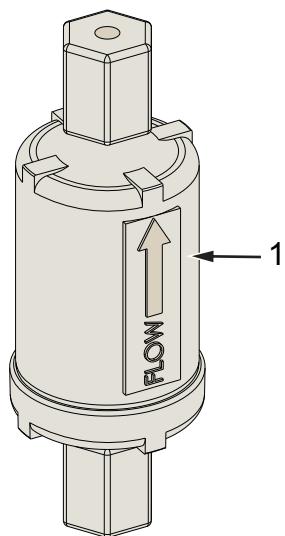
**C8**

Figure 20: Flush Filter

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C8	611167	Flush Filter		
1		Filter	1	

Table 22: Flush Filter

C9

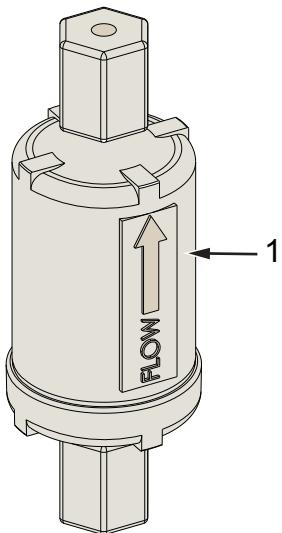
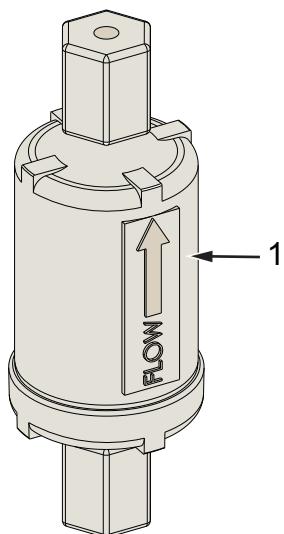


Figure 21: Ink Line Filter

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C9	611168	Ink Line Filter		
1		Filter	1	
2*		P-Clip	1	

Table 23: Ink Line Filter

\* Item not shown in Figure

**C10**Figure 22: *Inline Filter*

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C10	611575	Inline Filter		
1		Filter	1	

Table 24: *Inline Filter*

**C11**

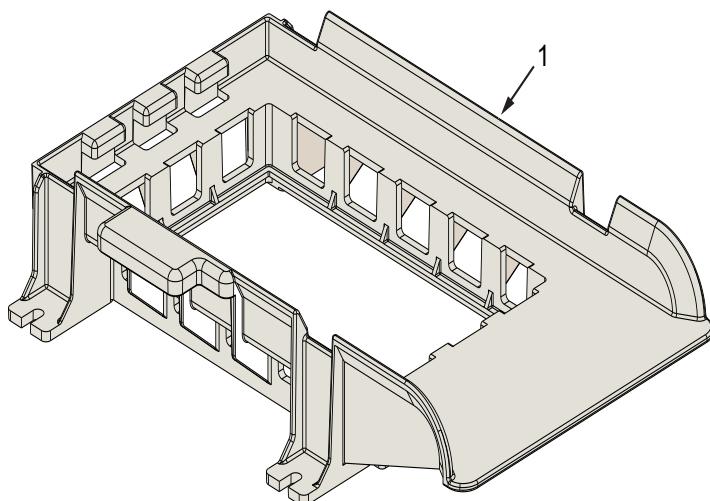


Figure 23: Fluid Support Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
C		Ink Compartment		
C11	611423 (IP55)	Fluid Support Assembly		
1		Support Tray	1	
2*		Flanged Nut	2	
3*		Nut	1	
4*		Washer	1	
5*		Silicon Tubing	0.025m	
6*		Cable Ty-rap	1	

Table 25: Fluid Support Assembly

\* Item not shown in Figure

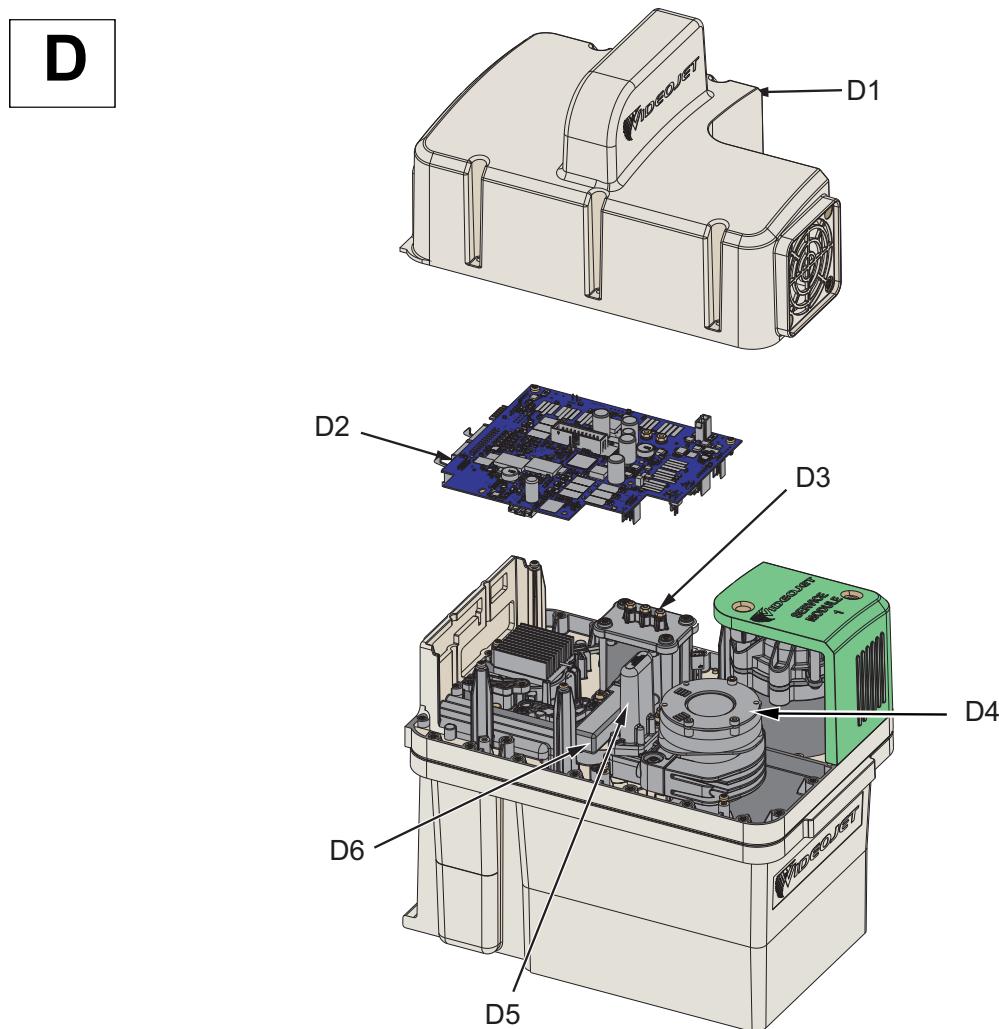


Figure 24: Ink System

Item	Part Number	Descriptions	Quantity	Sub-assembly
D	611835	Ink System		
D1	611556	Ink System Cover (Including Fan)		<a href="#">Refer to Table 27</a>
D2	611826	Ink Management Board (including Fan)		<a href="#">Refer to Table 28</a>
D3	611152	VMS Chamber With Temperature Sensor		<a href="#">Refer to Table 29</a>
D4	611246	Ink Pump Assembly		<a href="#">Refer to Table 30</a>
D5	611566	Pre-Venturi Filter Assembly		<a href="#">Refer to Table 31</a>
D6	613636	VMS Valve Assembly		<a href="#">Refer to Table 32</a>
D7*	613585	Cables		<a href="#">Refer to Table 40</a>

Table 26: Ink System

\* Item not shown in Figure

## Illustrated Parts List

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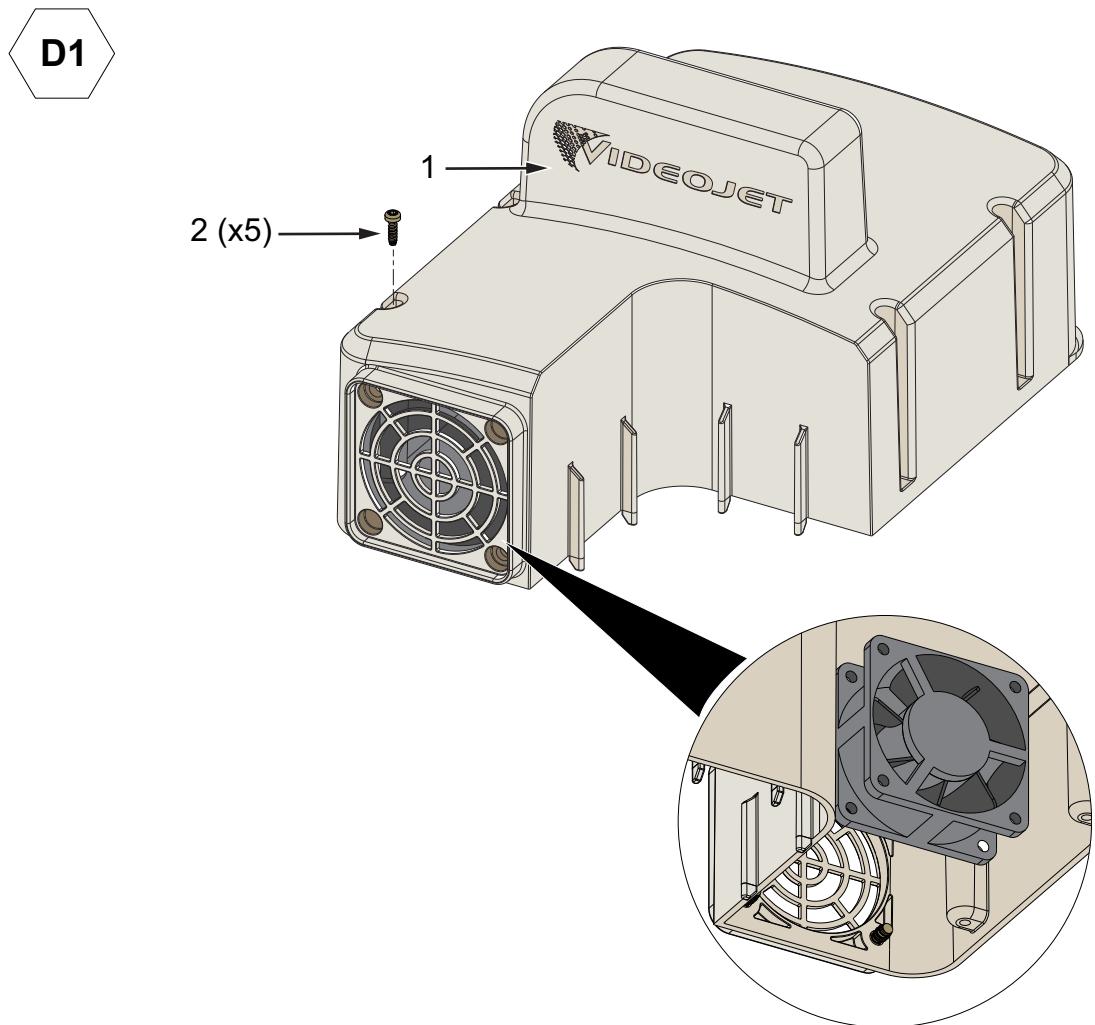


Figure 25: Ink System Cover with Fan Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
D		Ink System		
D1	611556	Ink System Cover with Fan Assembly		
1		Ink System Cover with Fan	1	
2		Delta PT Screw	5	

Table 27: Ink System Cover with Fan Assembly

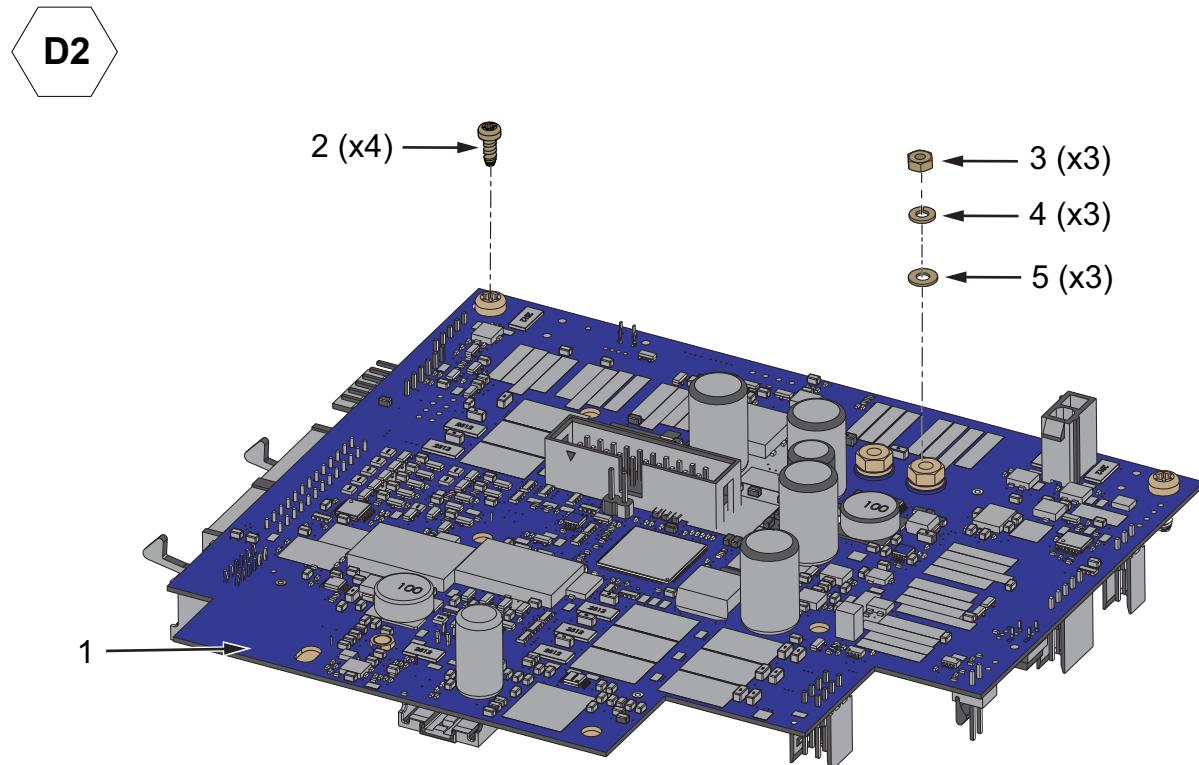


Figure 26: Ink Management Board Assembly

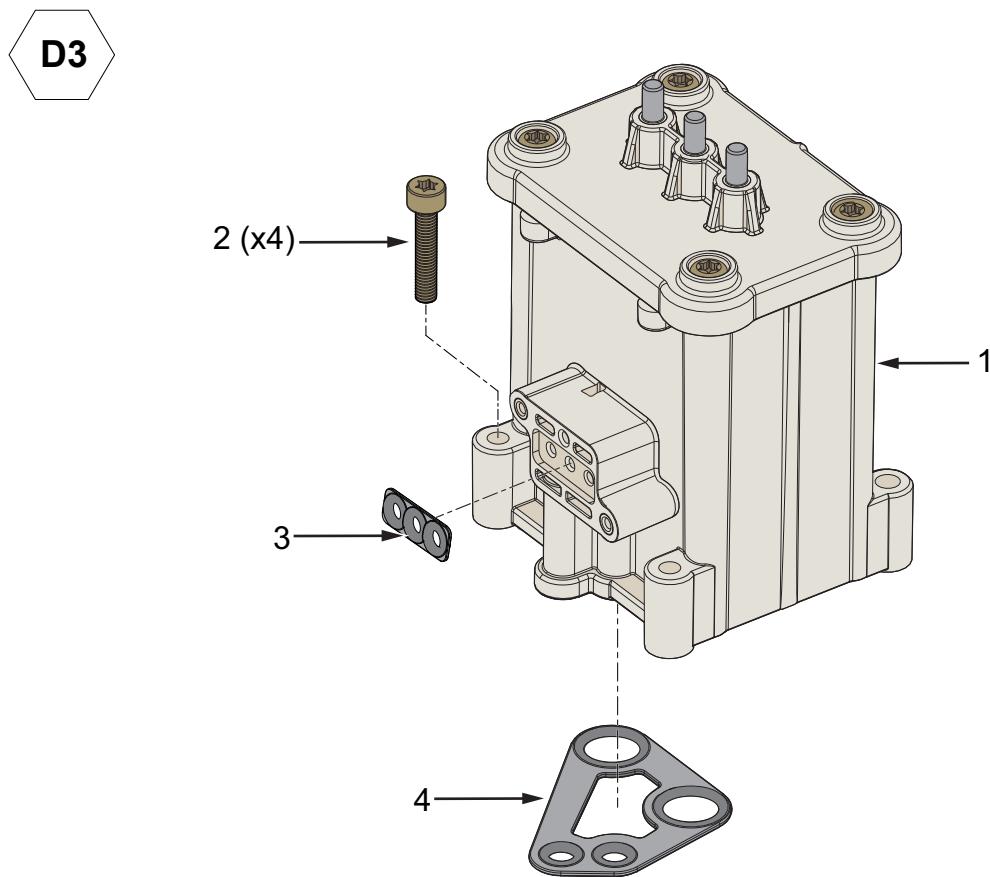
Item	Part Number	Descriptions	Quantity	Sub-assembly
D		Ink System		
D2	611826	Ink Management Board Assembly with Fan		
1		Ink Management Board	1	
2		Delta PT Screw	4	
3		Nut	3	
4		Spring Washer	3	
5		Washer	3	
6*	611611	Fan	1	

Table 28: Ink Management Board Assembly

\* Item not shown in Figure

## Illustrated Parts List

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*Figure 27: VMS Assembly*

Item	Part Number	Descriptions	Quantity	Sub-assembly
D		Ink System		
D3	611152	VMS Assembly		
1		VMS Chamber With Temperature Sensor	1	
2		Cap-head Torx Screw	4	
3		3 Way Gasket	1	
4		VMS Top Plate Gasket	1	

*Table 29: VMS Assembly*

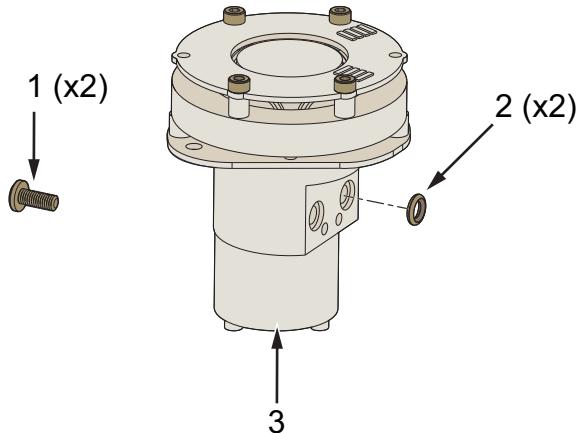
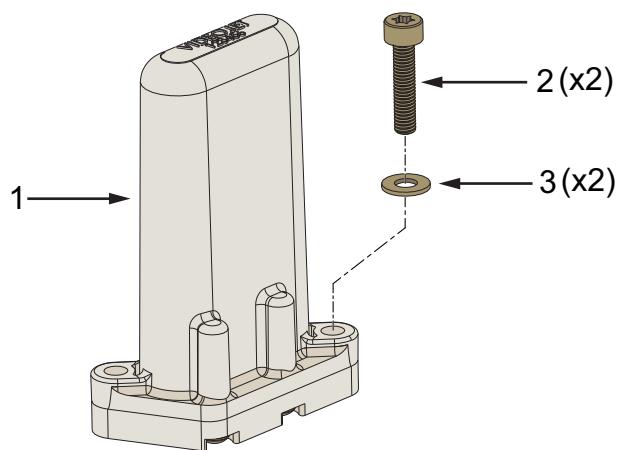
**D4**

Figure 28: Ink Pump Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
D		Ink System		
D4	611246	Ink Pump Assembly		
1		Torx Pan-head Screw	2	
2		O-Ring	2	
3		Pump	1	

Table 30: Ink Pump Assembly

D5



*Figure 29: Pre-Venturi Filter*

Item	Part Number	Descriptions	Quantity	Sub-assembly
D		Ink System		
D5	611566	Pre-Venturi Filter Assembly		
1		Pre-Venturi Filter	1	
2		Screw	2	
3		Washer	2	

*Table 31: Pre-Venturi Filter*

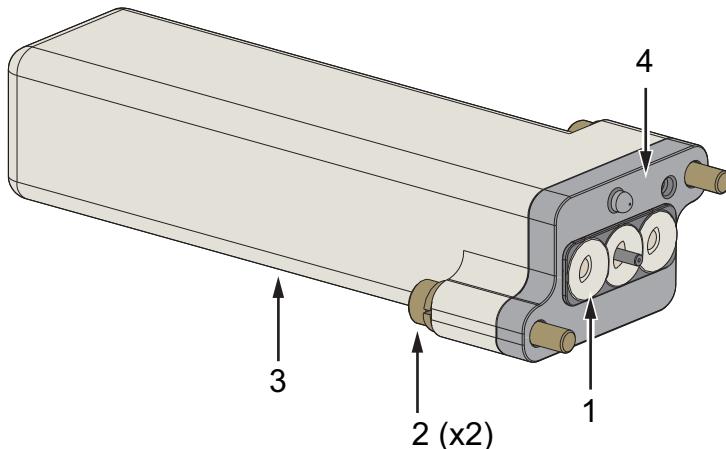
**D6**

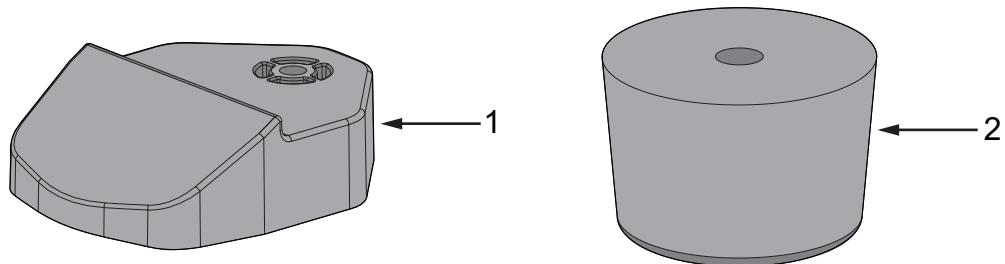
Figure 30: VMS Valve Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
D		Ink System		
D6	613636	VMS Valve Assembly		
1		3 Way Gasket	1	
2		Cap-head Screw	2	
3		Valve	1	
4		Block Assembly	1	
5*		Spring Washer	2	

Table 32: VMS Valve Assembly

\* Item not shown in Figure

**E**



*Figure 31: Cabinet Feet*

Item	Part Number	Descriptions	Quantity	Sub-assembly
E	613618	Cabinet - Feet		
1		Cabinet Feet - Front	2	
2		Cabinet Feet - Back	2	
3*		Socket-head Cap Screw	4	
4*		Plain Washer	4	

*Table 33: Cabinet Feet*

\* Item not shown in Figure

F

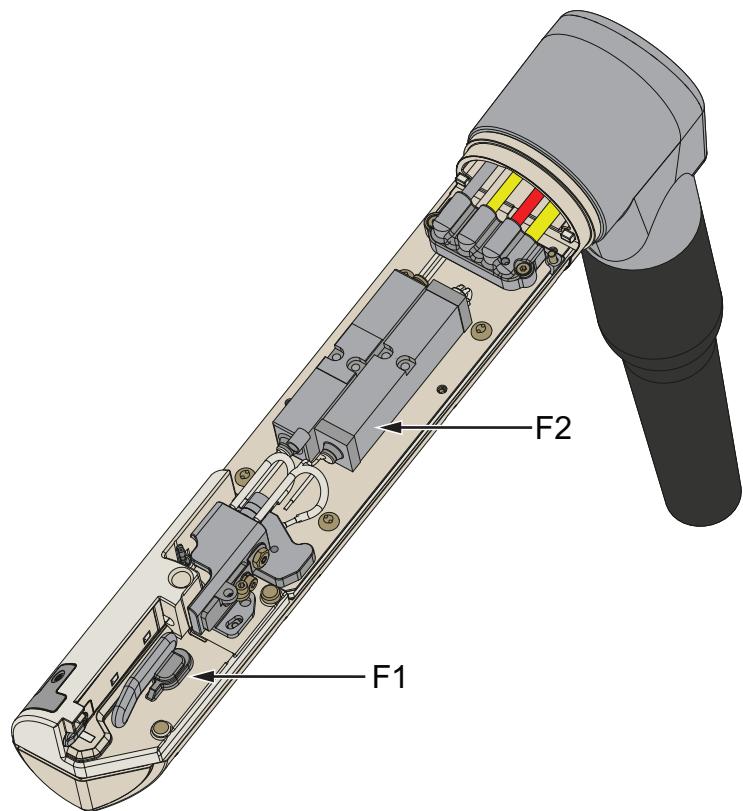


Figure 32: 90 Degree Printhead

F

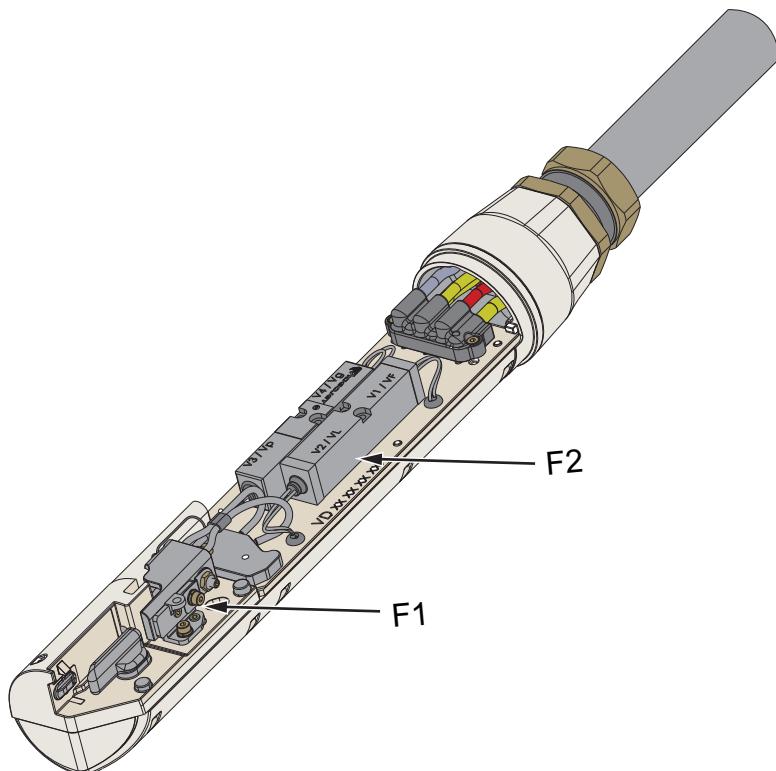


Figure 33: Printhead

## Illustrated Parts List

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Item	Part Number	Descriptions	Quantity	Sub-assembly
F		90 Degree Printhead		
		Printhead		
F1	611146 (60 micron) 611288 (70 micron)	Print Module Assembly		Refer to <a href="#">Table 35</a>
F2	611147	Valve Module Assembly		Refer to <a href="#">Table 36</a>
F3*		Printhead Covers		Refer to <a href="#">Table 37</a>
F4*		90 Degree Printhead and Umbilical		Refer to <a href="#">Table 38</a>
		Printhead and Umbilical		Refer to <a href="#">Table 39</a>

*Table 34: Printhead*

\* Item not shown in Figure

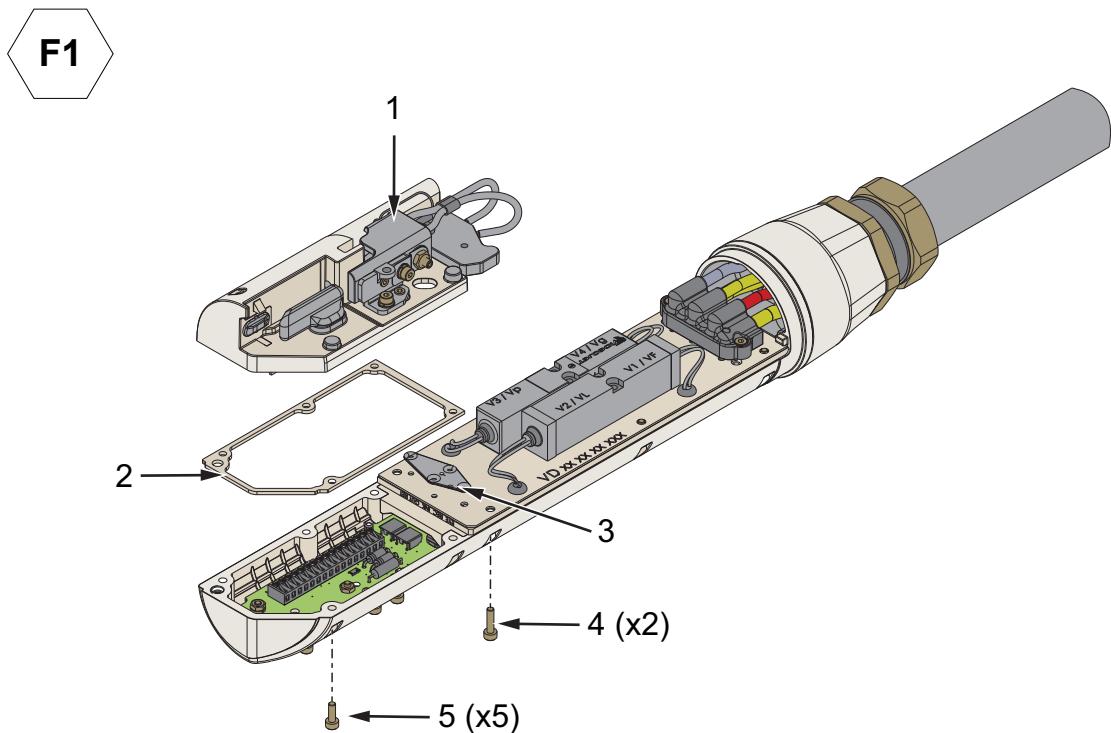


Figure 34: Print Module Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
F		Printhead		
F1	611146 (60 micron) 611288 (70 micron)	Print Module Assembly		
1		Print Module Deck Assembly	1	
2		Print Module Gasket	1	
3		Print Module -Valve Deck Interface Gasket	1	
4		Socket-head Cap Screw	2	
5		Socket-head Cap Screw	5	

Table 35: Print Module Assembly

## Illustrated Parts List

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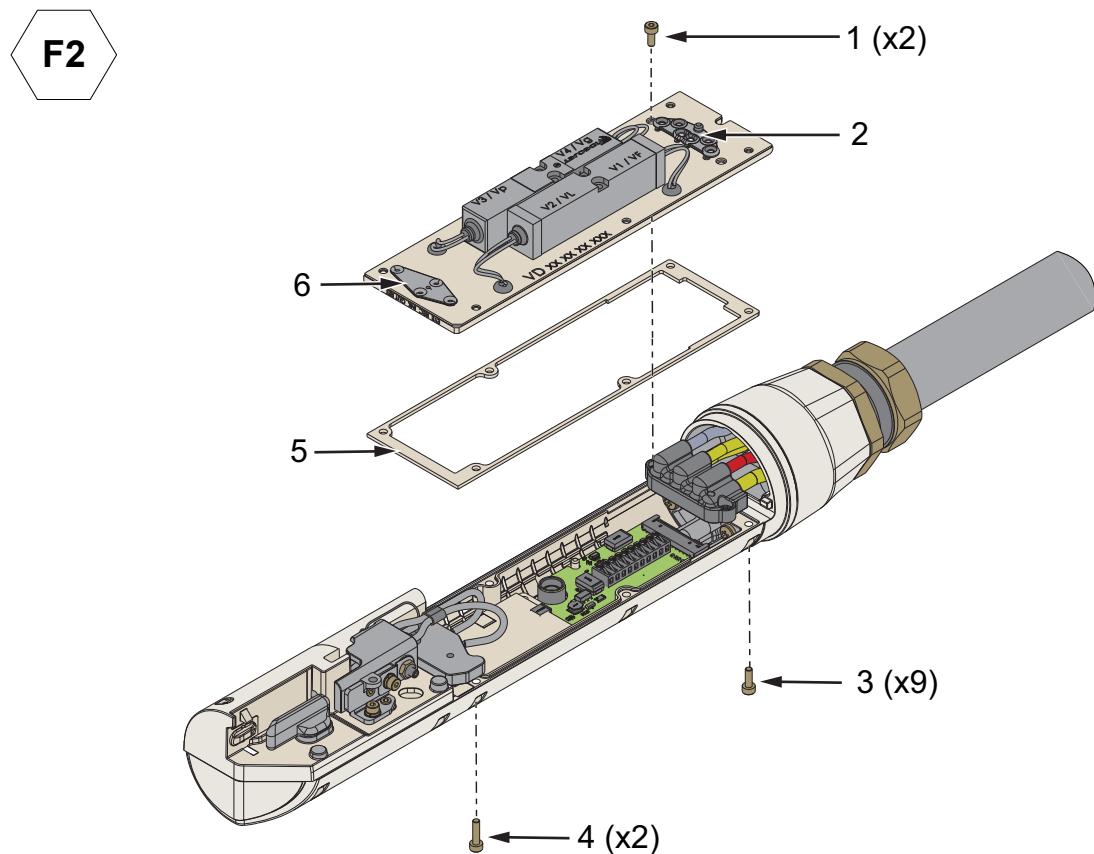


Figure 35: Valve Module Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
F		Printhead		
F1	611147	Valve Module Assembly		
1		Socket-head Cap Screw	2	
2		Valve Deck Connecting Gasket	1	
3		Socket-head Cap Screw	9	
4		Socket-head Cap Screw	2	
5		Valve Deck Gasket	1	
6		Interface Gasket	1	
7*		Print Module Gasket	1	

Table 36: Valve Module Assembly

\* Item not shown in Figure

Item	Part Number	Descriptions	Quantity	Sub-assembly
F		Printhead		
F3		Printhead Cover		
	611143	Printhead Cover Assembly- Perforated	1	
	611588	Printhead Cover Assembly- Non-Perforated	1	

Table 37: Printhead Covers

Item	Part Number	Descriptions	Quantity	Sub-assembly
F		90 Degree Printhead		
F4		90 Degree Printhead and Umbilical		
	611498	90 Degree Printhead and Umbilical (3 m) 60 micron	1	
	611499	90 Degree Printhead and Umbilical (6 m) 60 micron	1	
	611500	90 Degree Printhead and Umbilical (3 m) 70 micron	1	
	611501	90 Degree Printhead and Umbilical (6 m) 70 micron	1	
	611494	90 Degree Printhead and Umbilical (3 m) 60 micron, Perforated Cover	1	
	611495	90 Degree Printhead and Umbilical (6 m) 60 micron Perforated Cover	1	
	611496	90 Degree Printhead and Umbilical (3 m) 70 micron, Perforated Cover	1	
	611497	90 Degree Printhead and Umbilical (6 m) 70 micron, Perforated Cover	1	
	611502	90 Degree Printhead Chassis and Umbilical (3 m)	1	
	611503	90 Degree Printhead Chassis and Umbilical (6 m)	1	

Table 38: 90 Degree Printhead and Umbilical

## Illustrated Parts List

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Item	Part Number	Descriptions	Quantity	Sub-assembly
F		Printhead		
F4		Printhead and Umbilical		
	611580	Printhead and Umbilical Complete (3 m) 60 micron	1	
	611584	Printhead and Umbilical Complete (6 m) 60 micron	1	
	611579	Printhead and Umbilical Complete (3 m) 70 micron	1	
	611583	Printhead and Umbilical Complete (6 m) 70 micron	1	
	611582	Printhead and Umbilical Complete (3 m) 60 micron, Perforated Cover	1	
	611252	Printhead and Umbilical Complete (6 m) 60 micron, Perforated Cover	1	
	611581	Printhead and Umbilical Complete (3 m) 70 micron, Perforated Cover	1	
	611293	Printhead and Umbilical Complete (6 m) 70 micron, Perforated Cover	1	
	611578	Chassis and Umbilical (3 m)	1	
	611224	Chassis and Umbilical (6 m)	1	

*Table 39: Printhead and Umbilical*

## 2.2.1 Cables

Part Number	Descriptions	Quantity
613585	IMB Cable	
	IMB-SMA Cable Assembly	1
	MCB-IMB Cable Assembly	1
613584	Display Cables	
	EHT to MCB	1
	FIB To MCB Cable	1
611565	Power Supply/Switch Cables	
	PSU-MCB Cable Assembly	1
	Main Switch-PSU Cable Assembly	1
383575	USB to RS232 Converter Cable	
	USB to RS232 Converter Cable Assembly (1.8 m)	1
	Screw Adapter	1
611263	Cable Assembly Loopthrough (3 m)	1
611264	Cable Assembly Loopthrough (6 m)	1

Table 40: Cables

### 2.2.2 Power Cord

Part Number	Descriptions
613600	Mains Cable, Type B
613601	Mains Cable, Type J
613602	Mains Cable, Type K
613603	Mains Cable, Type L
613604	Mains Cable, Type G
613605	Mains Cable, Type I
613606	Mains Cable, Type CEE 7/7
613607	Mains Cable, Type D
613608	Mains Cable, Type NEMA 5-15P
613609	Mains Cable, Type M
613610	Mains Cable, Type N
613611	Mains Cable, Type H
613612	Mains Cable, Type CEE 7/7 - Norwegian
613613	Mains Cable, Type CEE 7/7 - Finnish
613614	Mains Cable, Type CEE 7/7- Swedish
385838	Mains Cable, Type I - Australia, New Zealand

*Table 41: Power Cord*

## 2.3 Optional Accessories

### 2.3.1 Beacon Assembly

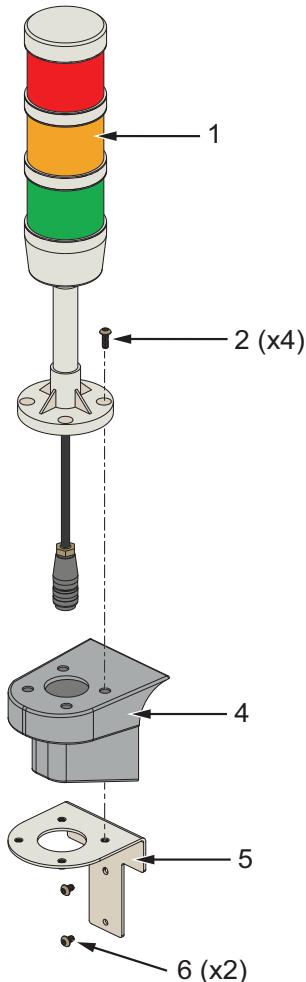


Figure 36: Beacon Assembly

Item	Part Number	Descriptions	Quantity
	611797	Beacon Assembly	
1		Three Tier Beacon	1
2		Button-head Screw	4
3*		Washer	4
4		Shroud	1
5		Beacon Mounting Bracket	1
6		Button-head Screw	2
	399279	Extension Cable, 6m	1

Table 42: Beacon Assembly

\* Item not shown in Figure

## Illustrated Parts List

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### 2.3.2 PEC2

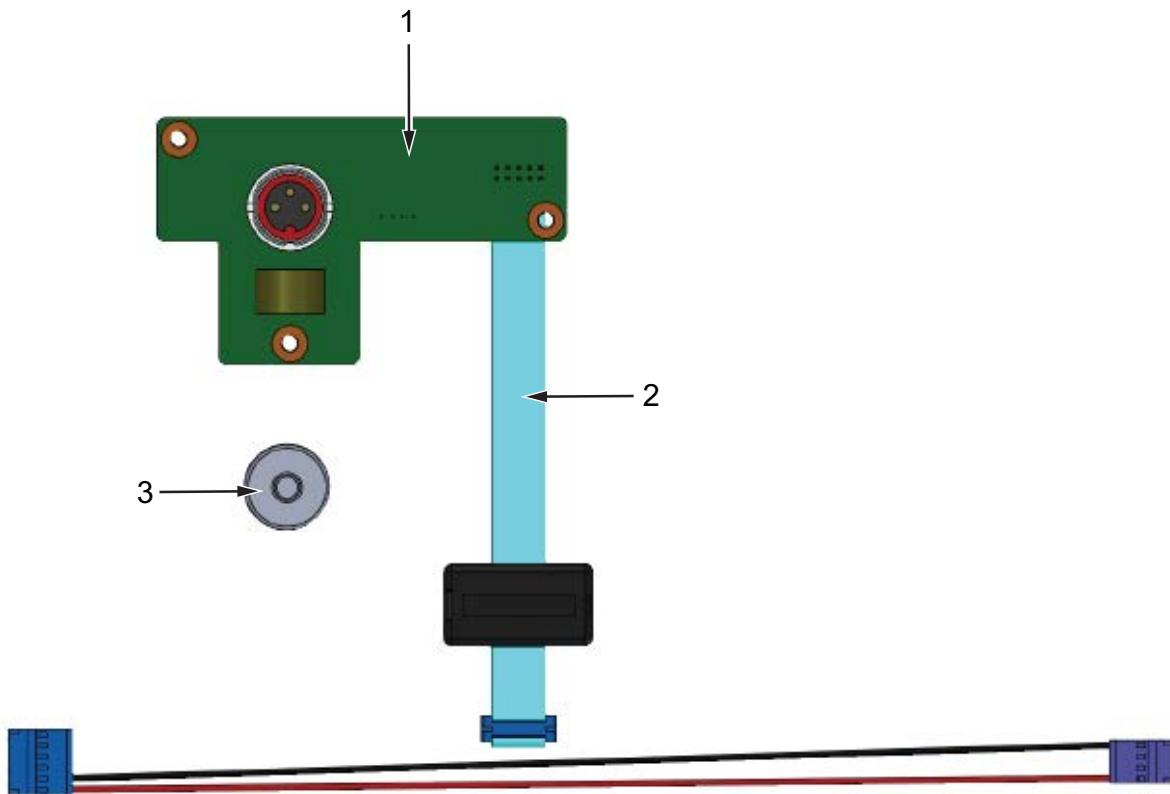


Figure 37: PEC2

Item	Part Number	Descriptions	Quantity
	611572	PEC2, Factory or Field Fitted	
1		PEC2 PCB	1
2		Cable	1
3		Binder Protection Cap	1

Table 43: PEC2

### 2.3.3 Expansion Board Kit

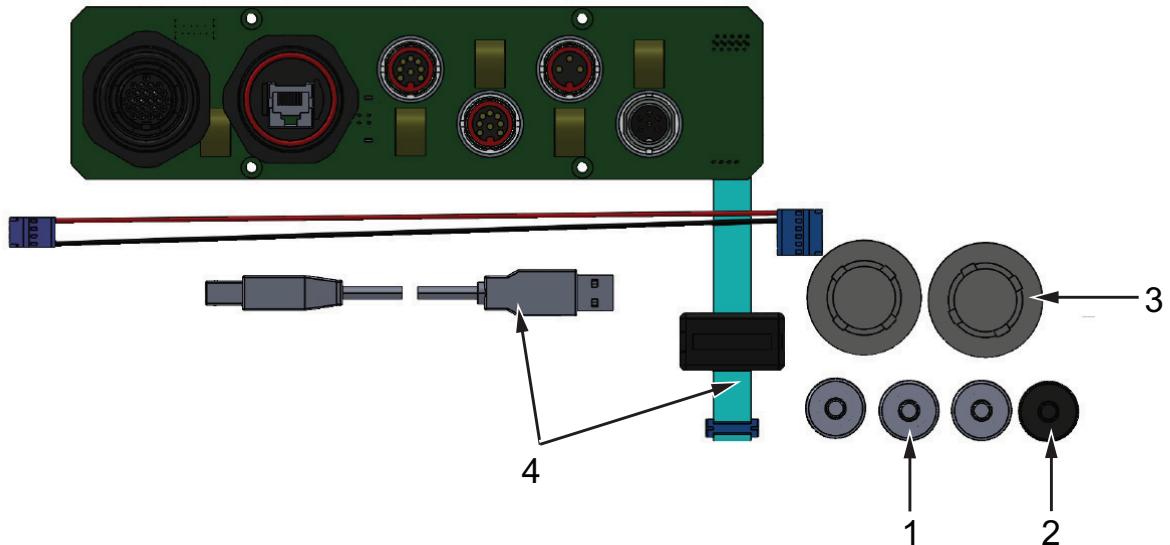


Figure 38: Expansion Board

Item	Part Number	Descriptions	Quantity
	611571	Expansion Board	
1		Binder Protection Cap	3
2		Binder Protection Cap, Male	1
3		Dust Cap	2
4	611569	Power Cable	1
		USB Cable	1

Table 44: Expansion Board

## Illustrated Parts List

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### 2.3.4 Air Dryer Assembly

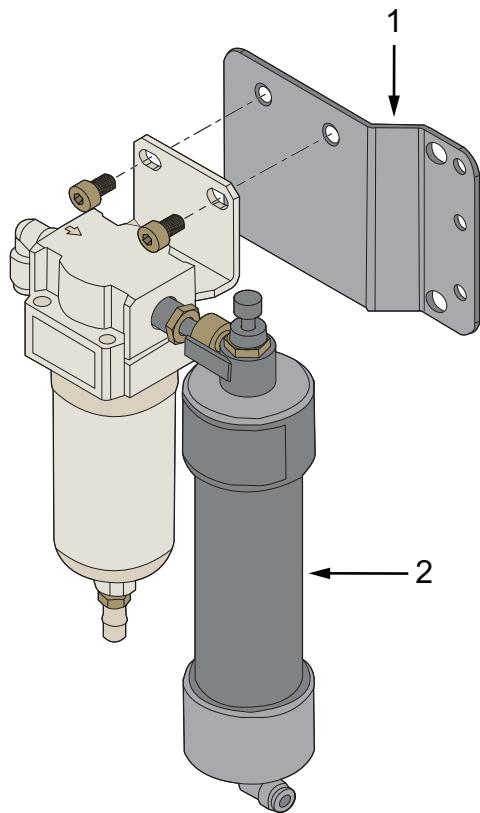


Figure 39: Air Dryer Assembly

Item	Part Number	Descriptions	Quantity
	611383	Universal Dry Air Assembly	
1		Air Dryer Mounting Bracket	1
2		Air Dryer	1
3*		Rubber Drain Tube	As required
4*		Tubing	As required
5*		Fixtures and Fittings	As required

Table 45: Air Dryer Assembly

\* Item not shown in Figure

### 2.3.5 Wash Station

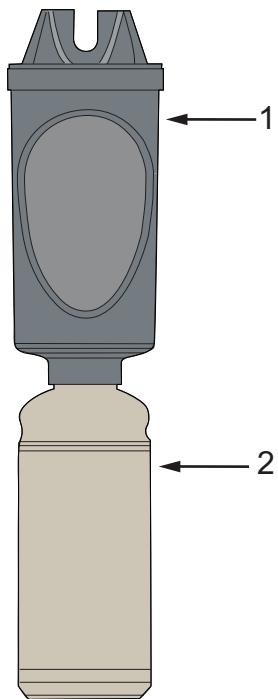


Figure 40: Wash Station

Item	Part Number	Descriptions	Quantity
1	399085	Wash Station Assembly	1
2	301-0007-005	Empty 1 Liter Bottle	1
3*	202047/392431	250ml Wash Bottle	1
4*	611207	Empty 1 Liter Cartridge	1

Table 46: Wash Station

\* Item not shown in Figure

## Illustrated Parts List

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### 2.3.6 Universal Stand



Figure 41: Universal Stand

Item	Part Number	Descriptions	Quantity
	393400	Universal Stand	
1*	392745	Printer Stand Handle	1
2*	392746	Umbilical Bracket	1

Table 47: Universal Stand

\* Item not shown in Figure

### 2.3.7 Printhead Stand

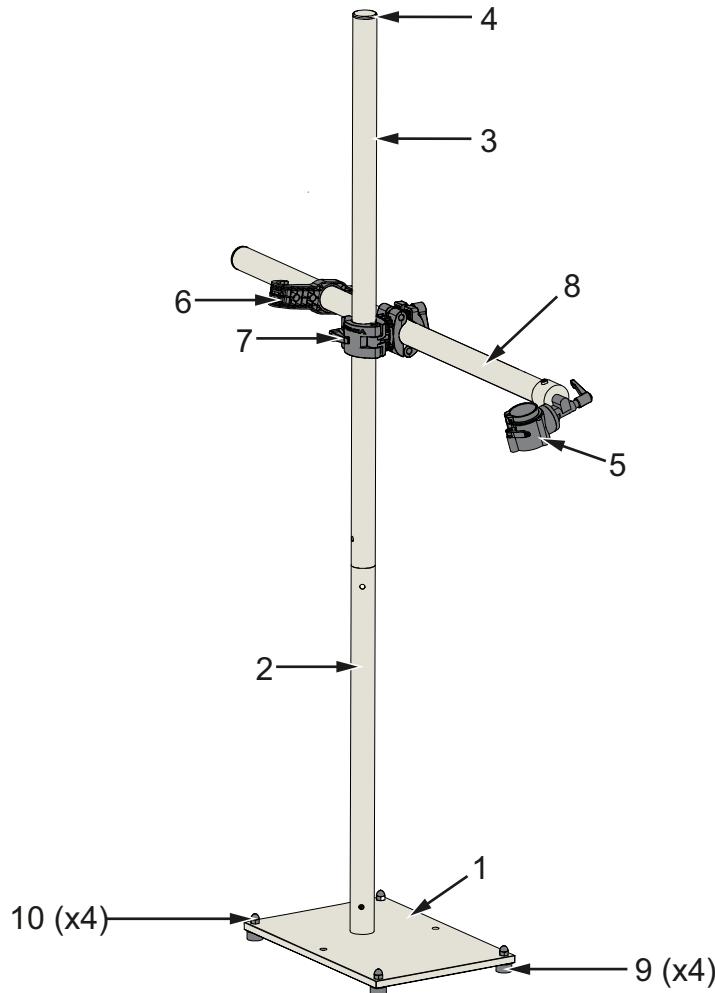


Figure 42: Printhead Stand

Item	Part Number	Descriptions	Quantity
	393435	Printhead Stand Assembly, Videojet (696)	
1		Stand Base Plate Assembly	1
2		600mm Base Vertical Tube	1
3		900mm Long Tube	1
4		Stand Tube Plug	2
5		PH Mount Assembly	1
6		Umbilical Clamp	1
7		Cross Clamp Assembly	1
8		600mm Long Tube	1
9		Adjustable Foot	4
10		Nut	4

Table 48: Printhead Stand

## Illustrated Parts List

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Item	Part Number	Descriptions	Quantity
	393433	Printhead Stand Assembly, Videojet (996)	
1		Stand Base Plate Assembly	1
2		600mm Base Vertical Tube	1
3		900mm Long Tube	1
4		Stand Tube Plug	2
5		PH Mount Assembly	1
6		Umbilical Clamp	1
7		Cross Clamp Assembly	1
8		900mm Long Tube	1
9		Adjustable Foot	4
10		Nut	4

Table 48: Printhead Stand (continued)

\* Item not shown in Figure

Part Number	Descriptions	Quantity
395632	Offsetable Double Head Bracket	1
395709	Adjustable Alignment Dual Printhead Bracket Assembly	1
SP393445	Printhead Clamp Assembly	1
SP393442	900mm Extension Tube and 600mm Extension Tube	1
SP393439	Cross Clamp Assembly	1
SP393446	Umbilical Cord Clamp	1
SP393448	Stand Rubber Foot	1
399093	Anti-vibration Kit	1
399068	Auto Align Printhead Holder	1

Table 49: Printhead Stand - Additional Kits

### 2.3.8 Printer Wall Mount

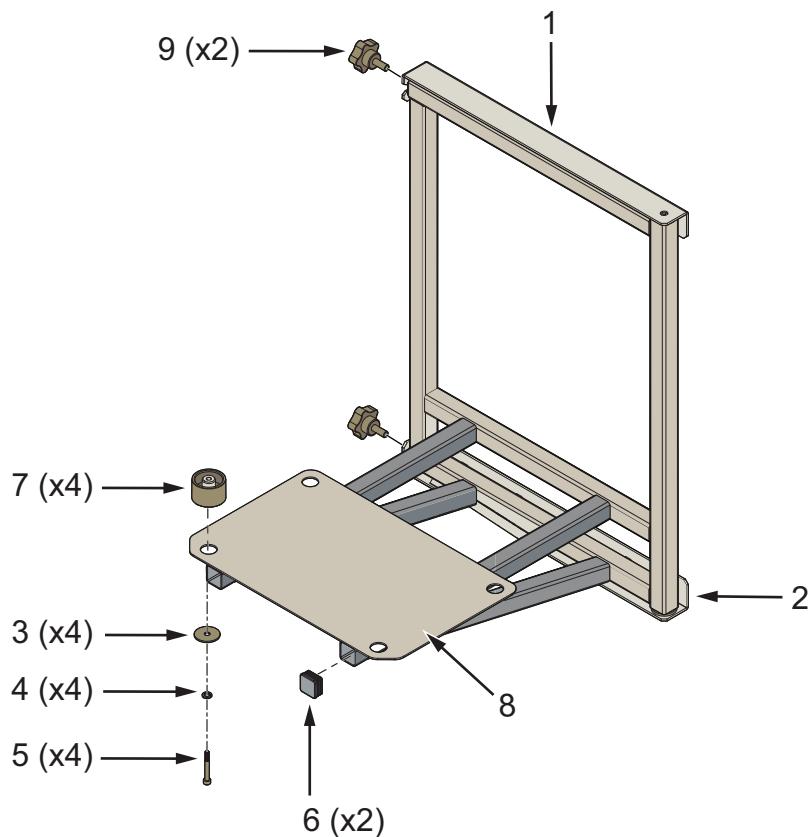


Figure 43: Printer Wall Mount

Item	Part Number	Descriptions	Quantity
	611271	Printer Wall Mount Stand Assembly	1
1		Angle Support Top Assembly	1
2		Angle Support Bottom Assembly	1
3		Stand Foot Clamp Washer	4
4		Spring Lock Washer	4
5		Socket- head Screw	4
6		Box Section End Cap	2
7		Wall Foot	4
8		Wall Bracket	1
9		Knob	2

Table 50: Printer Wall Mount

\* Item not shown in Figure

## Illustrated Parts List

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### 2.3.9 Power Conditioner

Part Number	Descriptions	Quantity
356841-02	110 V Power Conditioner	1

*Table 51: Power Conditioner*

### 2.4 Miscellaneous Accessories

Part Number	Descriptions
611249	Gasket Kit
611250	Hardware Kit
611618	Elbow Connector

*Table 52: Accessories*

#### 2.4.1 Photocell Holder

Part Number	Descriptions
399278	Printhead Mount Photocell Holder, 18mm
399294	Printhead Photocell Holder, 18mm

*Table 53: Photocell Holder*

#### 2.4.2 Product Detectors

Part Number	Descriptions
234211	Detector Ez-pro Proximity Fiber
234212	Detector Ez-pro Through Beam Fiber
234215	Detector Retro Smart (Clear Materials)
234213	Detector Label Eye (Web Printing)
234214	Detector Mark Eye (Web Registration Mark)

*Table 54: Product Detectors*

### 2.4.3 DIN Plugs

Part Number	Descriptions
500-0036-578	3 Way DIN Plug (Photo Cell)
500-0036-581	4 Way DIN Plug (Shaft Encoder)
500-0036-582	5 Way DIN Plug (Serial For RS-232)
500-0036-577	6 Way DIN Plug (Alert Beacon)
500-0036-583	7 Way DIN Plug (Relays)
SP378810	7 Way DIN Plug With 20 Ft. Cable (For Relays)
500-0036-584	8 Way DIN Plug (Message Select A/B)
500-0076-141	DIN Plug Dust Cap

Table 55: DIN Plugs

### 2.4.4 Encoders

#### 2.4.4.1 Encoders Only

Part Number	Descriptions
41000255	2500 PPR
377530	3600 PPR (use with 12 inch wheel 21000217)*
41000256	5000 PPR

Table 56: Encoders Only

#### 2.4.4.2 Encoder Kits

Part Number	Descriptions
SP378815	1800 PPR kit (encoder, 25ft cable)
40331750	2500 PPR kit (encoder, mounting bracket, wheel)
SP378821	3600 PPR kit (encoder, 25ft cable)
378191	5000 PPR kit (encoder, mounting bracket, wheel)
SAR05203	1800 PPR w/ 4 Pin DIN kit (encoder, cable and bracket)

Table 57: Encoder Kits

## Illustrated Parts List

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### 2.4.4.3 Encoder Accessories

Part Number	Descriptions
21000217	12 inch Circular Wheel
377529	12 inch Circular Wheel (with replaceable ring)
377523	Replaceable ring for part 377529
378192	3 m Shaft Cable
378193	6 m Shaft Cable
21000433	Spring Bracket Standard
377519	Spring Bracket Lateral Adjustment
378985	Encoder Adapter Cable (Excel to Videojet 1880)
377522	Encoder Amplifier

*Table 58: Encoder Accessories*

### 2.4.5 Connectivity

Part Number	Descriptions
399062	Extension Cables 6 m RS232
SP223213	External Ethernet Connector Cable 5 m
383575	USB Serial Cable
80200258	RS232 to 5 Pin DIN (3 m)
611263	Cable Assembly Loopthrough (3 m)
611264	Cable Assembly Loopthrough (6 m)

*Table 59: Connectivity*

## 2.5 Tools Kit

Part Number	Descriptions
TL399250	Service Tool Kit, Videojet 1000 Line
611248	Service Tool Kit, Videojet 1880

*Table 60: Tools Kit*

### 2.5.1 The Service Tool Kit (611248)

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

[Table 61](#) lists the tool kit items and their part numbers.

Part Number	Descriptions
239534	Torx Screwdriver T6
239535	Hex Screwdriver 1.5mm
239540	Hex Screwdriver 1.27mm
239541	Nut Driver 4mm x 6125
239542	Nut Driver 3mm x 6125
239548	Hex Bit 2.5mm, 0.25 Socket Drive
239549	Hex Bit 3mm, 0.25 Socket Drive
239550	Socket 7mm, 6pt 0.25 Socket Drive
239552	Socket Driver, 0.25 Flex Mag Shaft
5260001118	Nut Driver 5.5mm
234710	Tool Bag
613414	Flexible Driver Ext
613412	M35 Blind Plug Tool
234644	3mm Hex Driver
234657	DIN Wrench

*Table 61: Tool Kit Parts List*