

## Section 9 Illustrated Parts List

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](#)
- [Parts](#)

### 9.1 How to Read the IPL

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

#### 9.1.1 Illustrations

[Table 9-1](#) shows the symbols used to indicate the different levels of main assemblies in a printer, and the sub assemblies under the main assembly.

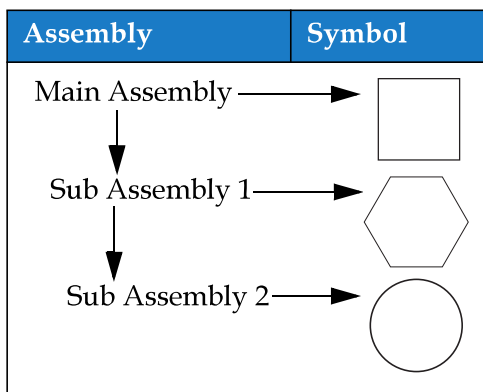


Table 9-1: Symbols Representation - Assemblies

#### 9.1.2 Alphabets

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 alphabets "I" and "O" are not used because they look like the numbers 1 and 0.

### 9.2 Parts

Item	Descriptions	Sub-assembly
A	CLARiTY Human Machine Interface (HMI) and Power Supply Unit (PSU)	Refer to <a href="#">Table 9-3</a>
B	Printer	Refer to <a href="#">Table 9-5</a>

Table 9-2: Assemblies

A



Figure 9-1: CLARiTY HMI Assembly with PSU Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		CLARiTY HMI Assembly		
A1		CLARiTY HMI Assembly		Refer to <a href="#">Table 9-4</a>

Table 9-3: CLARiTY HMI Assembly with PSU Assembly\_Parts List

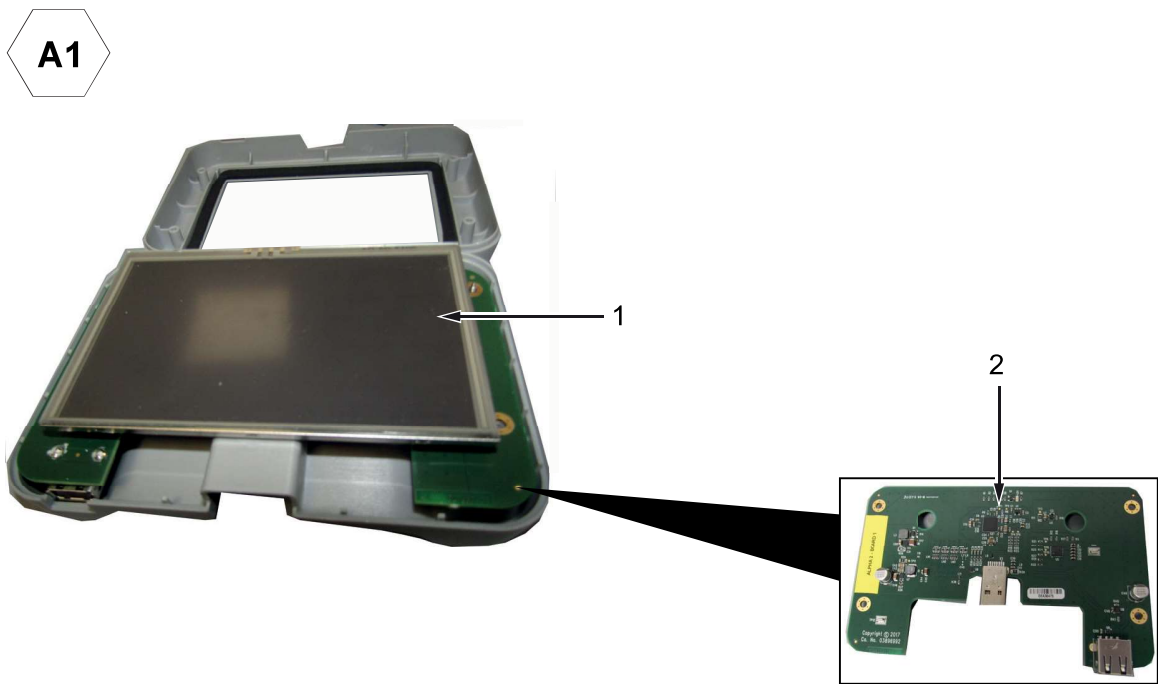


Figure 9-2: CLARiTY HMI Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		CLARiTY HMI Assembly		
A1	408302	HMI Assembly		
1	408303	LCD Screen	1	
2	408276	HMI PCB	1	

Table 9-4: CLARiTY HMI Assembly\_Parts List

B

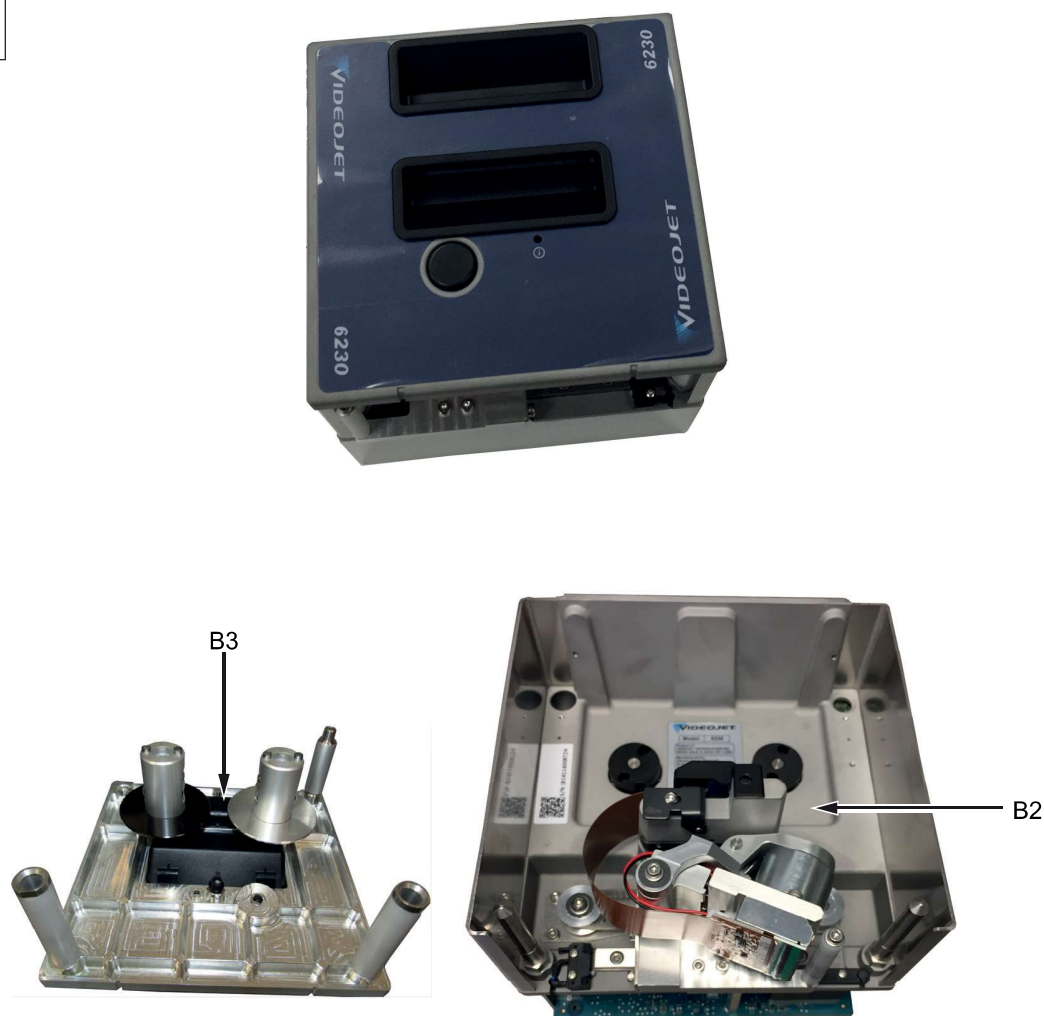


Figure 9-3: Printer

Item	Part Number	Descriptions	Quantity	Sub-assembly
B	408289	32mm Printer-RH (only)	1	
	408290	32mm Printer-LH (only)	1	
B1*		Printer Assembly (rear)		Refer to <a href="#">Table 9-6</a>
B2		Printer Assembly (front)		Refer to <a href="#">Table 9-7</a>
B3		Cassette Assembly		Refer to <a href="#">Table 9-8</a>

Table 9-5: Printer\_Parts List

B1



Figure 9-4: Printer Assembly (rear)

**Note:** Orientation of ribbon motors will change between LH and RH printers.

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Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B1		Printer Assembly (rear)		
1	408271	Printer PCBA	1	
2	408272	Memory Card	1	
3	408275	Ribbon Sensor PCB	1	
4	408297	Ribbon Motor	1	
5	408296	Carriage Motor	1	
6*	408285	Back Cover	1	
7*	408286	Side Panel	1	

*Table 9-6: Printer Assembly (rear)\_Parts List*

\* - indicates items not shown in the figure.

B2

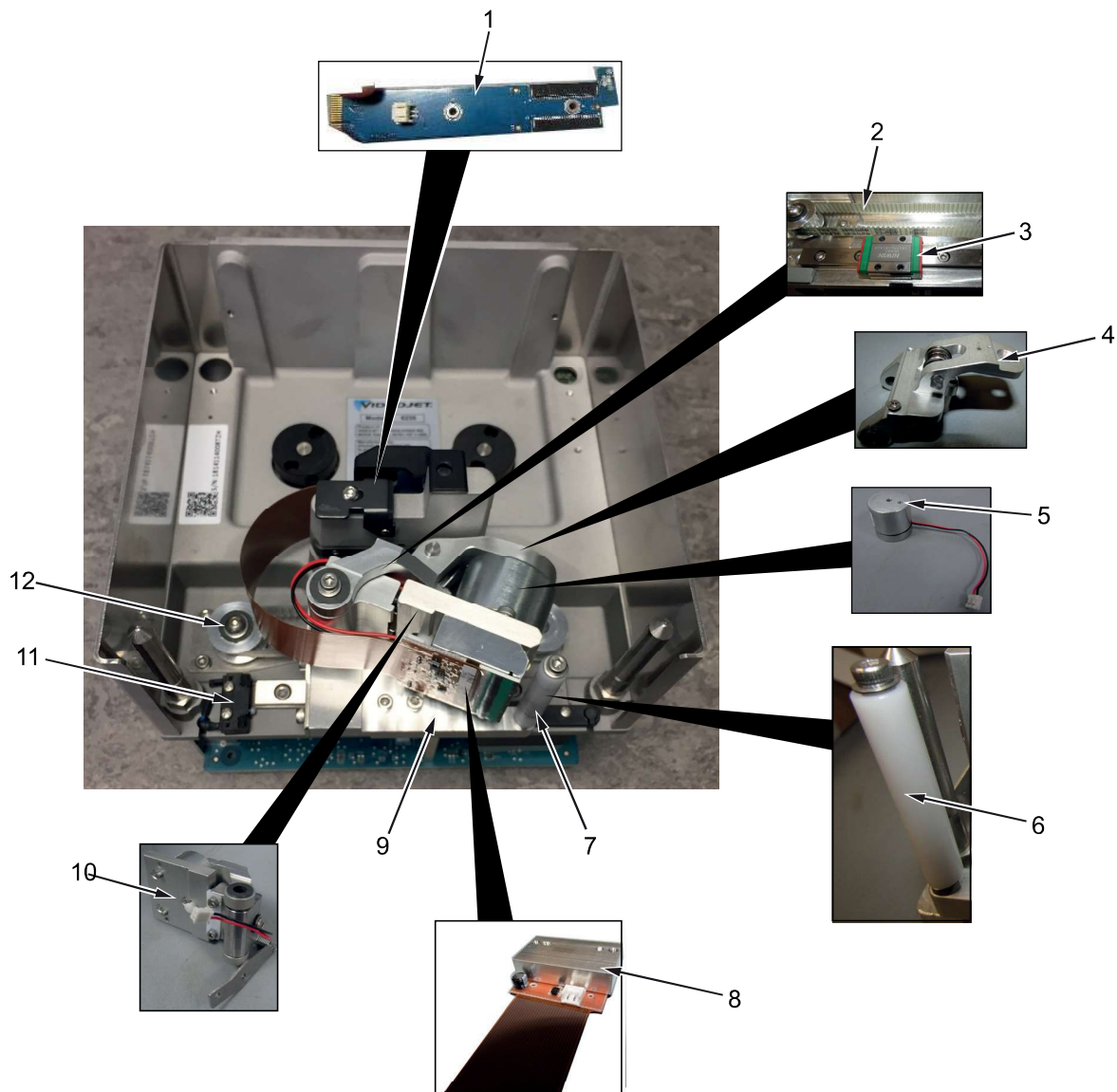


Figure 9-5: Printer Assembly (front)

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Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B2		Printer Assembly (front)		
1	408273	Printhead PCB	1	
2	408298	Belt	5 off	
3	408281	Linear Slide	1	
4	408293	EM Arm Assembly	1	
5	408291	EM Assembly	1	
6	403324	Peel Roller	5 off	
7	408278	Peel Roller Shaft	1	
8	408300	32mm Printhead	1	
9	408279	Carriage Assembly (RH)	1	
10	408292	32mm Printhead Support	1	
11	408274	32mm Printhead Home Switch	1	
12	408299	Idler Pulley Assembly	1	
13*	408294	Printer Pin	1	
14*	408295	Clamp and Plug Assembly	1	
15*	404097	Latch Assembly	5 off	
16*	408280	Carriage Assembly (LH)	1	
17*	408284	Service Kit	5 off	
18*	408301	Printhead Screw	10 off	

*Table 9-7: Printer Assembly (front)\_Parts List*

\* - indicates items not shown in the figure.



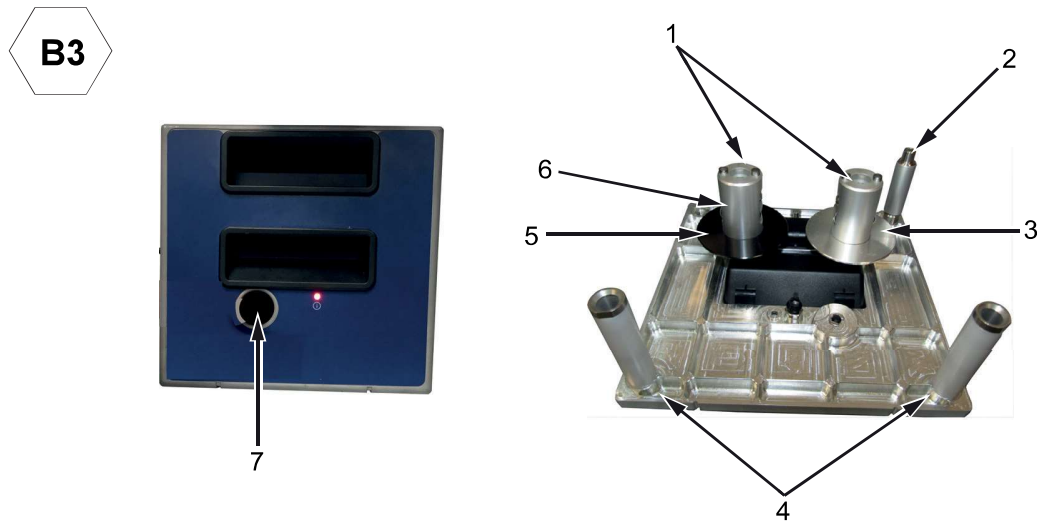


Figure 9-6: Cassette Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printer		
B3		Cassette Assembly		
1	403333	32mm Mandrel Body Assembly	1	
2	408306	Ribbon Sensor Assembly	1	
3	216809	Silver Disc - Pack	5 off	
4	403323	32 mm Cassette Roller	Set of 6	
5	216808	Black Disc - Pack	5 off	
6	402411	Leaf Springs - Pack	6 off	
7	216810	Cassette Release Button	1	
8*	408308	32mm Mandrel Refurbishment Kit	2 off	

Table 9-8: Cassette Assembly\_Parts List

\* - indicates items not shown in the figure.

### 9.3 Spares

#### 9.3.1 Cables

Item	Part Number	Descriptions	Quantity
1	408310	3m Power and I/O Cable	1
2	408311	5m Power and I/O Cable	1
3	407861	3m HMI - PSU Cable	1
4	407862	5m HMI - PSU Cable	1

Table 9-9: Cables\_Parts List

#### 9.3.2 Power Cord

Item	Part Number	Descriptions
1	704432	IEC Mains Lead - US Canada
2	704434	IEC Mains Lead - Europe
3	704435	IEC Mains Lead - Japan
4	704436	IEC Mains Lead - Italy
5	704437	IEC Mains Lead - China
6	704438	IEC Mains Lead - India/South Africa
7	704439	IEC Mains Lead - UK
8	704440	IEC Mains Lead - Switzerland
9	704441	IEC Mains Lead - Denmark
10	704442	IEC Mains Lead - Brazil/Philippines

Table 9-10: Power Cord\_Parts List

#### 9.3.3 Power Supply

Item	Part Number	Descriptions	Quantity
1	408277	Power Supply	1
2	400885	Fuse Kit	Pack of 10

Table 9-11: Power Supply\_Parts List

## 9.4 Miscellaneous Accessories

### 9.4.1 Encoder

Item	Part Number	Descriptions	Quantity
1	408315	Encoder Assembly	1
2	408314	Encoder Kit	1
3	215964	Encoder O Ring Pack	10 off
4	407957	Encoder Wheel Pack	5 off

Table 9-12: Encoder\_Parts List

### 9.4.2 Mounting Accessories

Item	Part Number	Descriptions
1	408304	HMI Wall Mount Assembly

Table 9-13: Mounting Accessories\_Parts List

### 9.4.3 Slave Printer

Item	Part Number	Descriptions
1	408414	32mm Slave Printer (RH)
2	408415	32mm Slave Printer (LH)

Table 9-14: Slave Printers\_Parts List