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 information:

- How to Read the IPL
- Videojet DataFlex 6530 (107mm) 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.
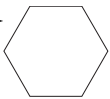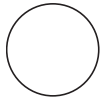
Assembly	Symbol
Main Assembly ⟶	▢
Sub Assembly 1 ⟶	⬡
Sub Assembly 2 ⟶	◯

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 Videojet DataFlex 6530 (107mm) Parts

Figure 9-1: Main Parts of Videojet DataFlex 6530 (107mm)

Item	Descriptions	Sub-assembly
A	CLARiTY Human Machine Interface (HMI) and Power Supply Unit (PSU)	Refer to Table 9-3
B	Printer	Refer to Table 9-6

Table 9-2: Videojet DataFlex 6530 (107mm) Assemblies

Figure 9-2: CLARiTY HMI Assembly with PSU Assembly

Note: *PSU Assembly for 107mm version of the printer can be identified by inspecting the rating label on the PSU.*

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		CLARiTY HMI Assembly with PSU Assembly		
A1	407939	CLARiTY HMI Assembly		Refer to Table 9-4
A2	408681	PSU Assembly		Refer to Table 9-5

Table 9-3: CLARiTY HMI Assembly with PSU Assembly_Parts List
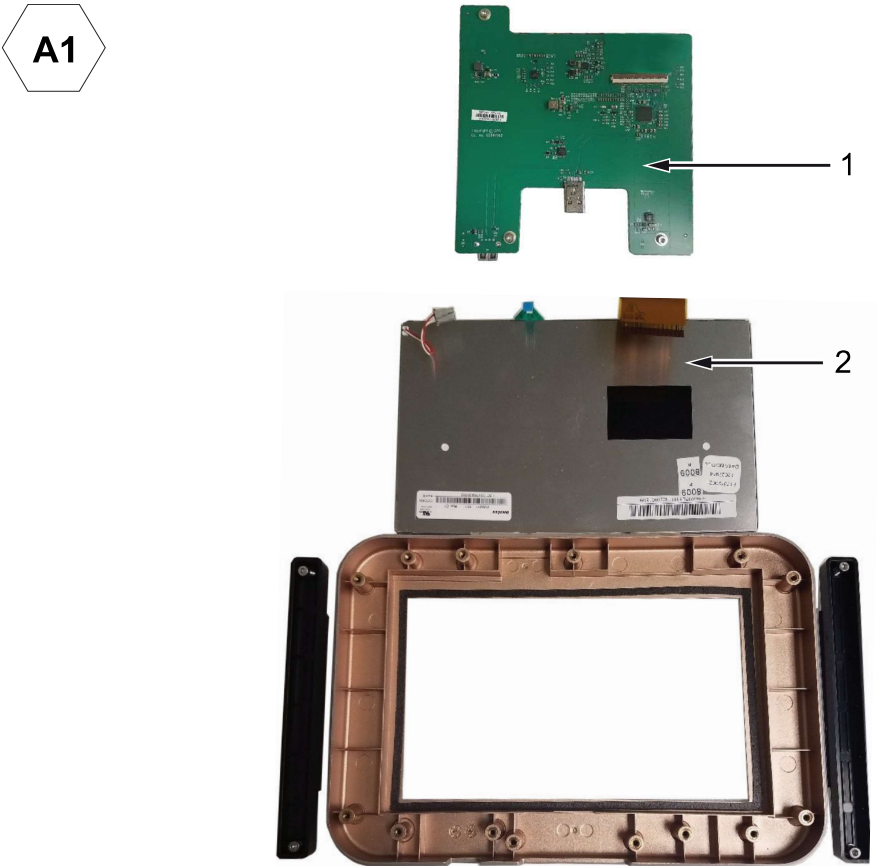
Figure 9-3: CLARiTY HMI Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		CLARiTY HMI Assembly with PSU Assembly		
A1	407939	Videojet DataFlex 6530 HMI Assembly	1	
1	407918	CLARiTY HMI PCB	1	
2	407941	LCD Touchscreen	1	

Table 9-4: CLARiTY HMI Assembly_Parts List

A2

Figure 9-4: PSU Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		CLARiTY HMI Assembly with PSU Assembly		
A2	408681	Videojet DataFlex 6530 107mm PSU Assembly	1	
1	407919	PSU PCB	1	
2	407920	Power Supply Switch	1	
3*	408662	107mm Power Supply	1	
4*	407946	PSU Cable Blanking Assembly	1	
5*	400885	Fuse Kit	Pack of 10	

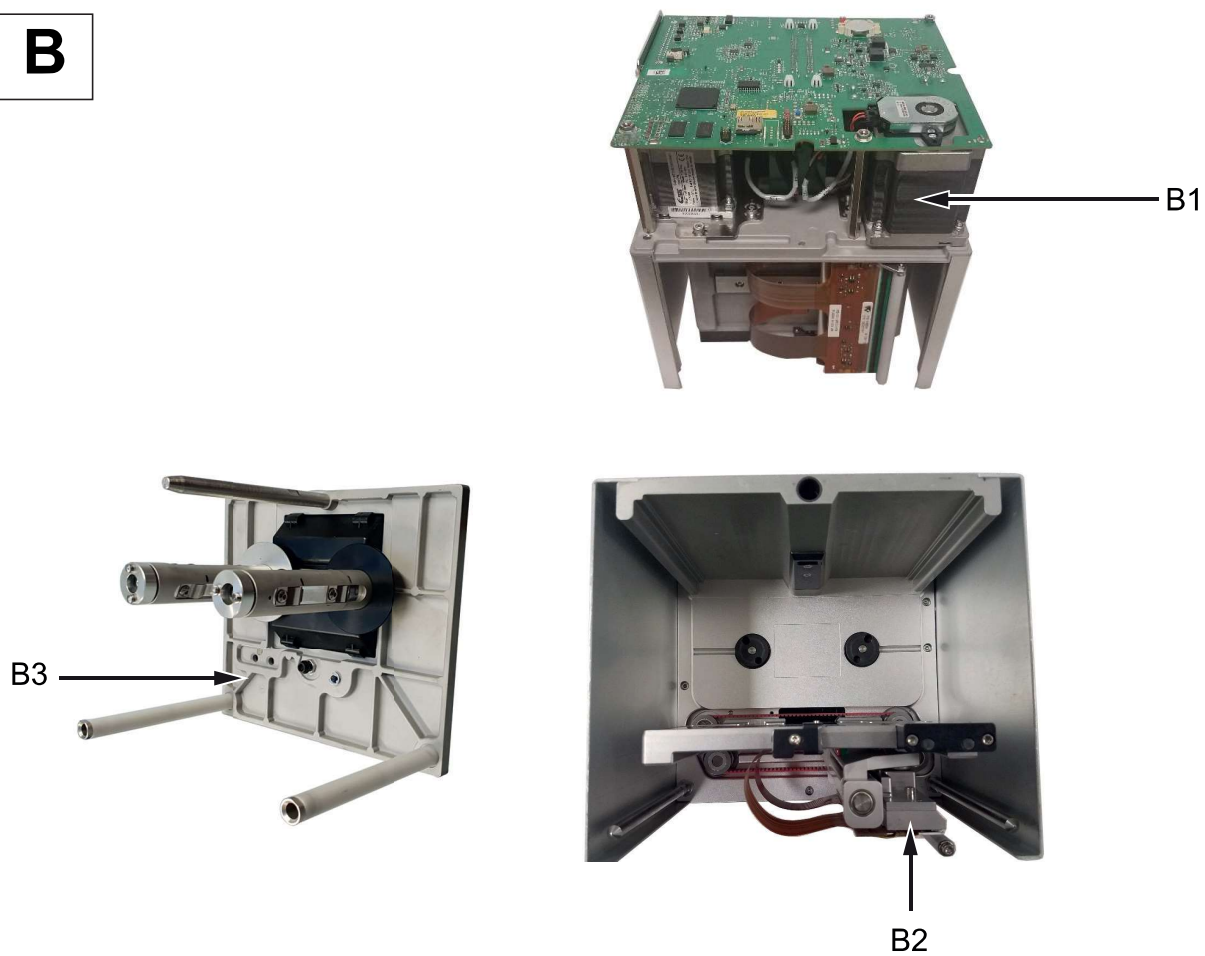*Table 9-5: PSU Assembly_Parts List*

* - indicates items not shown in the figure.

B

Figure 9-5: Printer

Item	Part Number	Descriptions	Quantity	Sub-assembly
B	408672	Spare Videojet DataFlex 6530 107mm Printer - RH (only)	1	
	408673	Spare Videojet DataFlex 6530 107mm Printer - LH (only)	1	
B1		Printer Assembly		Refer to Table 9-7
B2		Printhead Assembly		Refer to Table 9-8
B3		Cassette Assembly		Refer to Table 9-9

Table 9-6: Printer_Parts List
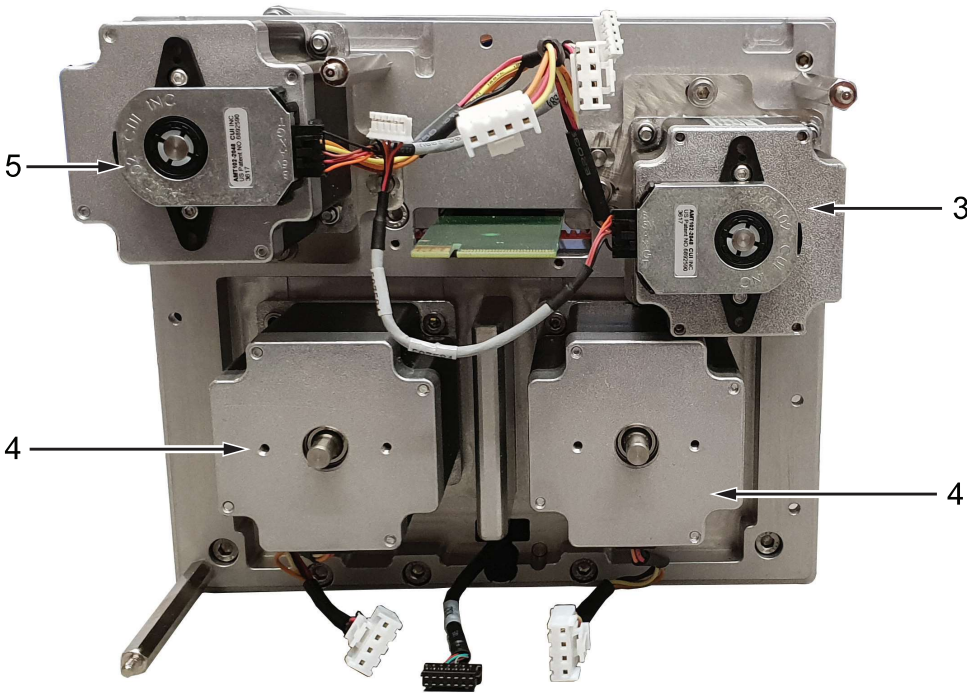
Figure 9-6: Printer Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Videojet DataFlex 6530 (107mm) Printer		
B1		Printer Assembly		
1	408659	Videojet DataFlex 6530 (107mm) Main Control Board (MCB)	1	
2	407913	Videojet DataFlex 6530 SD Card	1	
3	408675	107mm Printhead Drive Motor	1	
4	408674	107mm Ribbon Drive Motor	1	
5	408676	107mm Carriage Drive Motor	1	
6*	408668	107mm Rear Cover	1	
7*	408669	107mm Side Cover	1	

Table 9-7: Printer Assembly_Parts List

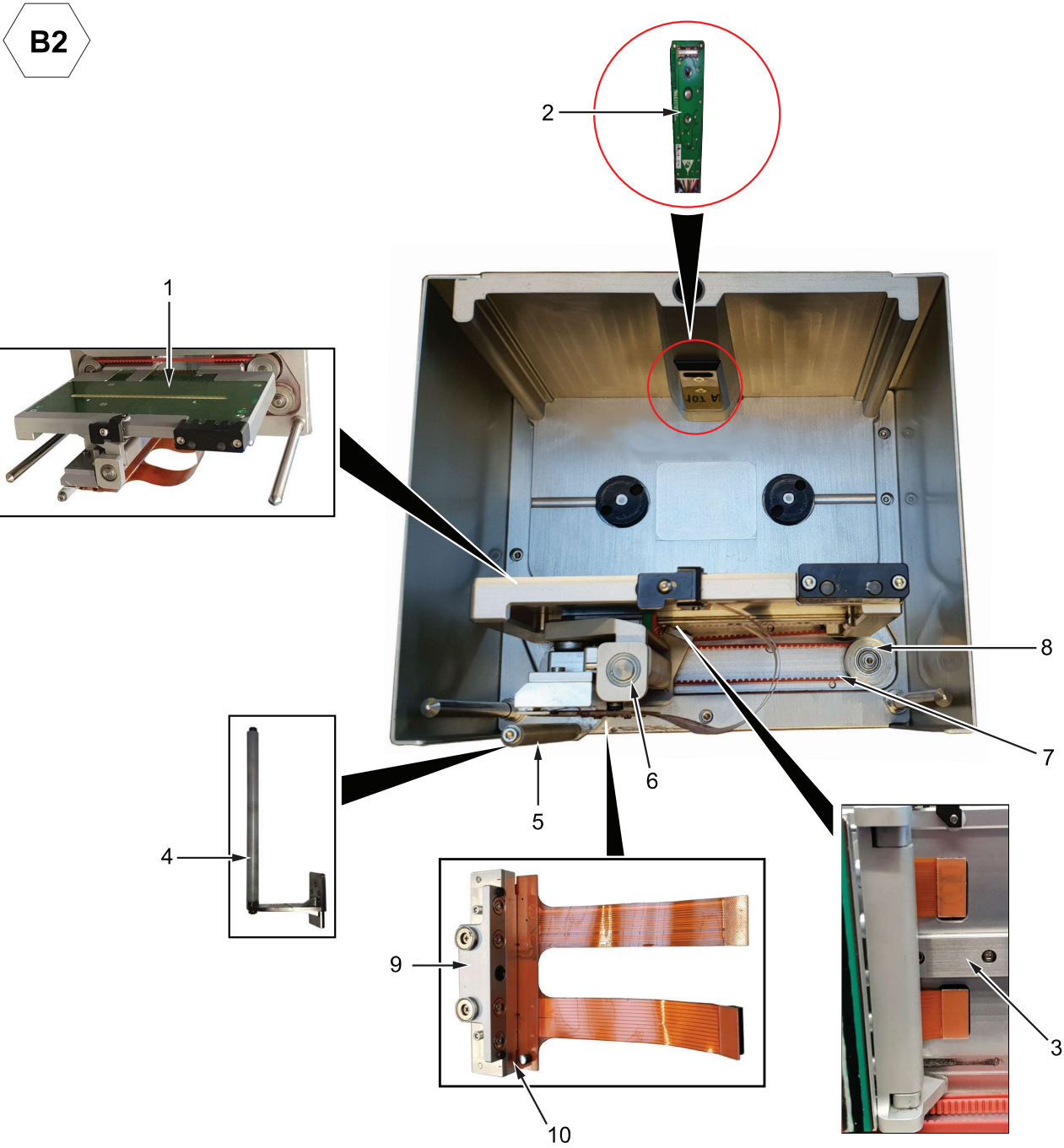* - indicates items not shown in the figure.

Figure 9-7: Printhead Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Videojet DataFlex 6530 (107mm) Printer		
B2		Printhead Assembly		
1	408660	107mm Printhead PCB (RH)	1	
1	408661	107mm Printhead PCB (LH)	1	
2	407917	Ribbon Detector PCB	1	
3	408665	107mm Linear Slide	1	
4	408663	107mm Peel Arm Assembly (RH)	1	
4	408664	107mm Peel Arm Assembly (LH)	1	
5	407603	Peel Roller	5 off	
6	408666	107mm Printhead Pivot Assembly (RH)	1	
6	408667	107mm Printhead Pivot Assembly (LH)	1	
7	408677	107mm Printhead Belt	2	
8	408678	107mm Idler Pulley Assembly	1	
9	408680	107mm Printhead Mount	1	
10	408554	107mm Printhead	1	
11*	404097	Latch Assembly	5 off	

Table 9-8: Printhead Assembly_Parts List
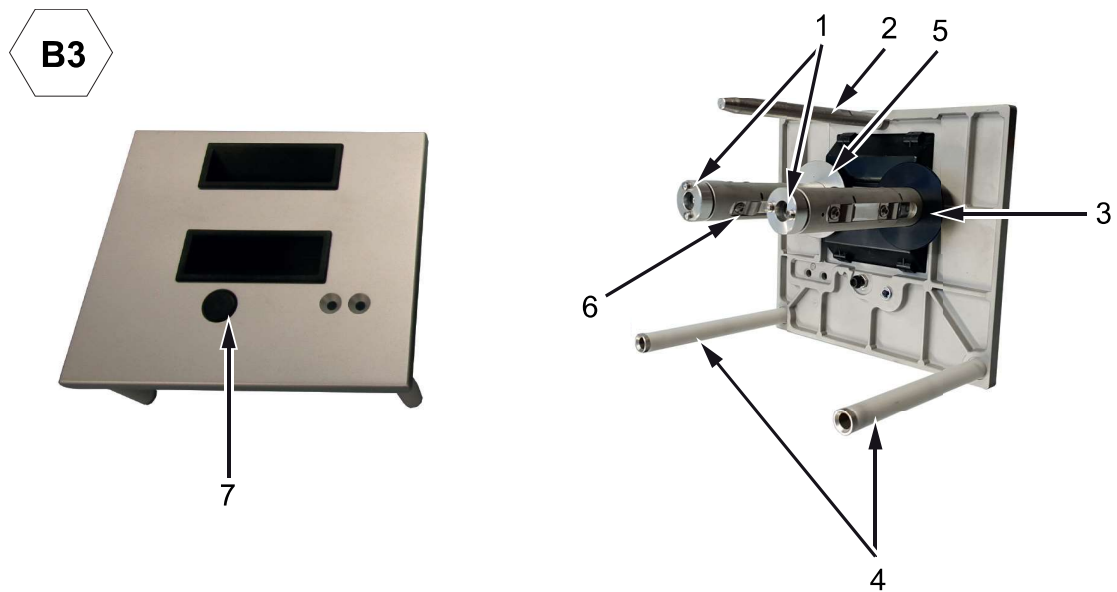
* - indicates items not shown in the figure.

Figure 9-8: Cassette Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Videojet DataFlex 6530 (107mm) Printer		
B3	408682	Spare Videojet DataFlex 6530 107mm Cassette Assembly		
1	408684	107mm Mandrel Body Assembly	1	
2	408687	107mm Cassette Middle Guide Pin	1	
3	216808	Black Disc - Pack	5 off	
4	401602	107mm Cassette Roller	Set of 6	
5	216809	Silver Disc - Pack	5 off	
6	407952	Leaf Springs - Pack	6 off	
7	216810	Cassette Release Button	1	
8*	408683	107mm Mandrel Refurbishment Kit	1	
9*	403057	Friction Cone - Pack	10 off	
10*	407949	Cassette Shock Cap - Pack	10 off	
11*	408685	107mm Cassette Mandrel Shaft	2	

Table 9-9: Cassette Assembly_Parts List

* - indicates items not shown in the figure.

9.3 Accessories

9.3.1 Cables

Item	Part Number	Descriptions	Quantity
1	407799	1.2 M Interconnecting Cable Assembly	1
2	407757	3 M Interconnecting Cable Assembly	1
3	407800	4 M Interconnecting Cable Assembly	1
4	407798	5 M Interconnecting Cable Assembly	1
5	402274	15 Way I/O Cable	1
6	407861	3 M HMI - PSU Cable	1
7	407862	5 M HMI - PSU Cable	1

Table 9-10: 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 9-11: Power Cord_Parts List

9.4 Miscellaneous Accessories

9.4.1 Encoder

Item	Part Number	Descriptions	Quantity
1	407956	Encoder Kit	
2	215964	Encoder O Ring	10 off
3	407957	Encoder Wheel Pack	5 off
4	407958	Thermal Printer Encoder Assembly	1
5	402788	Encoder Cable	

Table 9-12: Encoder_Parts List

9.4.2 Mounting Accessories

Item	Part Number	Descriptions
1	407942	HMI Wall Mount Assembly
2	407944	DIN Rail Mount Assembly
3	407945	PSU Adjustable Mount Assembly

Table 9-13: Mounting Accessories_Parts List

9.4.3 Slave Printer

Item	Part Number	Descriptions
1	408433	Videojet DataFlex 6530 107mm Slave Printer (RH)
2	408434	Videojet DataFlex 6530 107mm Slave Printer (LH)

Table 9-14: Slave Printers_Parts List

9.4.4 Conversion Kit

Item	Part Number	Descriptions
1	408670	107mm RH - LH Conversion Kit
2	408671	107mm LH - RH Conversion Kit

Table 9-15: Conversion Kit_Parts List

Appendix A Menu Structure

Introduction

Menu Structure lists the various options available in the printer User Interface.