

# Illustrated Parts List

# 7

The illustrations and the associated tables provide detailed information about the parts of each module of the Videojet 8610 printer. This information is useful for ordering the spare parts for the printer.

## Standard Controller Assembly



*Figure 7-1: Standard Controller Assembly*

## Spare Control PCB

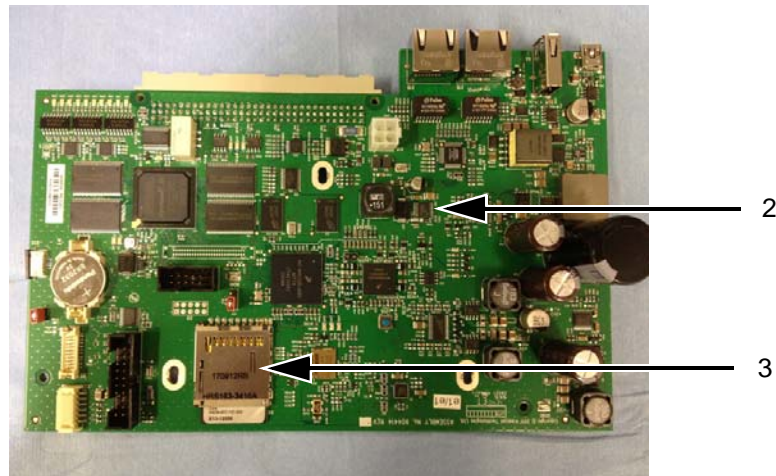


Figure 7-2: Spare Control PCB

## Spare TIJ Backplane PCB

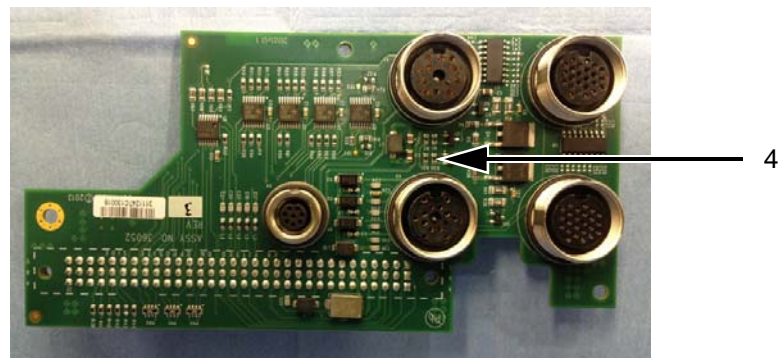


Figure 7-3: Spare TIJ Backplane PCB

## Spare TIJ Mains Switch Assembly

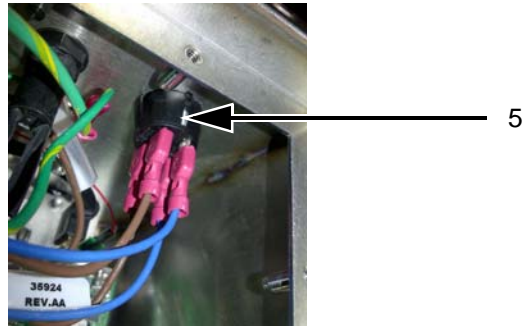


Figure 7-4: Spare TIJ Mains Switch Assembly

## LCD Display

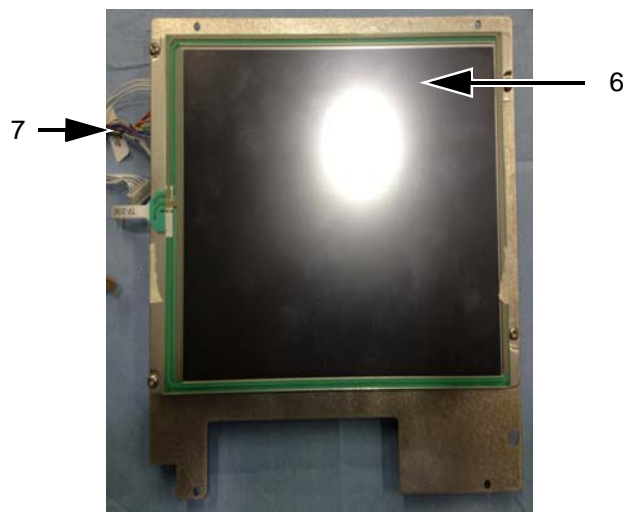


Figure 7-5: CLARiTY LCD 8.4 Display and Touch Screen

## Power Supply Unit



Figure 7-6: Power Supply Unit

Table 7-1 lists the parts of the controller assembly.

Item Number	Part Number	Description	
1	WLK860020	Controller	1
2	WLK860952	Spare Control PCB	1
3	WLK404793	Spare Memory Card	1
4	WLK860953	Spare TIJ Backplane PCB	1
5	WLK860954	Spare TIJ Mains Switch Assembly	1
6	402789	CLARiTY LCD 8.4 Display and Touch Screen	1
7	402797	CLARiTY LCD Cable 8.4	1
8	WLK404806	Power Supply Unit	1
9*	WLK860955	Status LED	1
10*	See Table 7-2 on page 7-5	Mains Lead, Screw Connector (See Table 7-2 on page 7-5 for country specific part codes)	1
11*	216030	Fuse Kit	Set of 10
12*	WLK860959	Spare Controller Internal Cable Main PCB To Backplane PCB	1
13*	WLK860960	Spare Controller Internal Cable Ethernet	1
14*	WLK860961	Spare Controller Internal Cable USB	1
15*	WLK860962	Spare Controller Gasket Kit	1
16*	WLK860963	Spare Controller Panel Connector Ethernet	1
17*	WLK860964	Spare Controller Panel Connector USB	1
18*	WLK860965	Spare Controller Panel Fuse Holder	1

Table 7-1: Standard Controller Assembly - Parts List

\* - Item is not shown in the figure.

Part Number	Description
504646-01	Mains Lead - US Canada
504646-02	Mains Lead - Europe
504646-05	Mains Lead - Brazil
504646-06	Mains Lead - Japan
504646-08	Mains Lead - Italy
504646-10	Mains Lead - China
504646-18	Mains Lead - Denmark
504646-21	Mains Lead - UK
504646-38	Mains Lead - Switzerland
504646-39	Mains Lead - India/South Africa
504646-42	Mains Lead - South America/Philippines

*Table 7-2: Mains Lead, Screw Connector - Parts List*

# Printhead Assembly

## Printhead

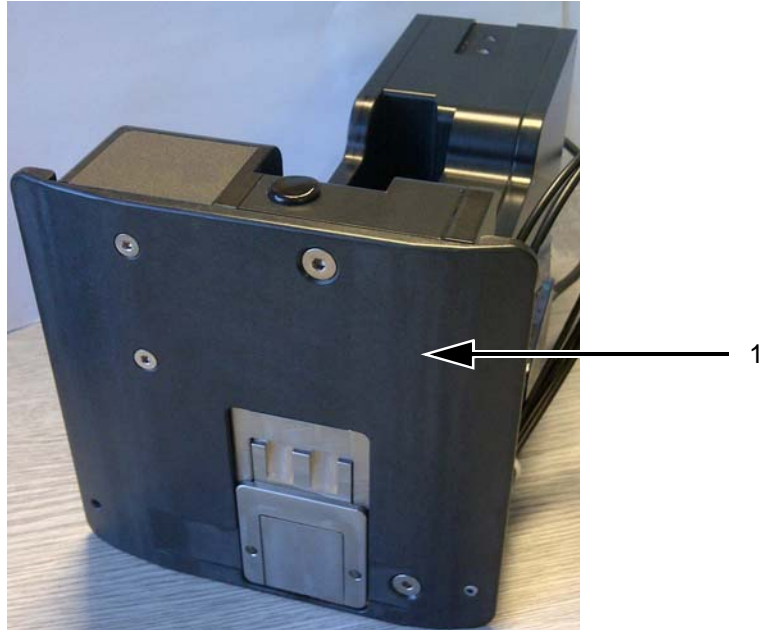


Figure 7-7: Printhead

## Printhead PCB

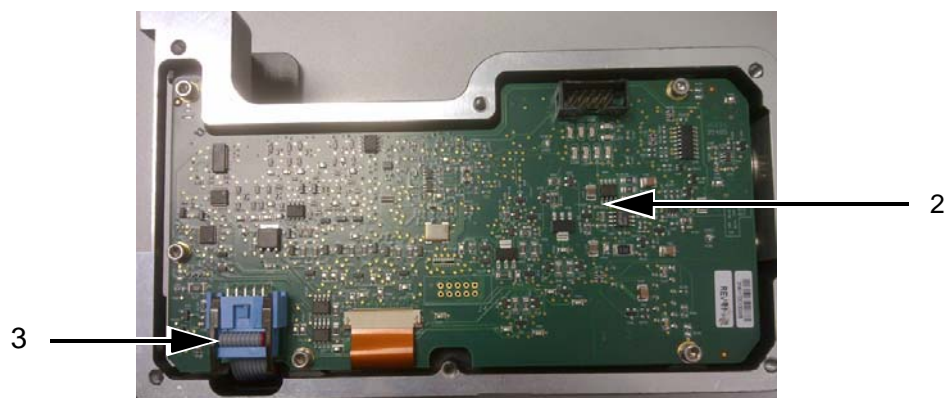


Figure 7-8: Printhead PCB

## Ribbon Cables

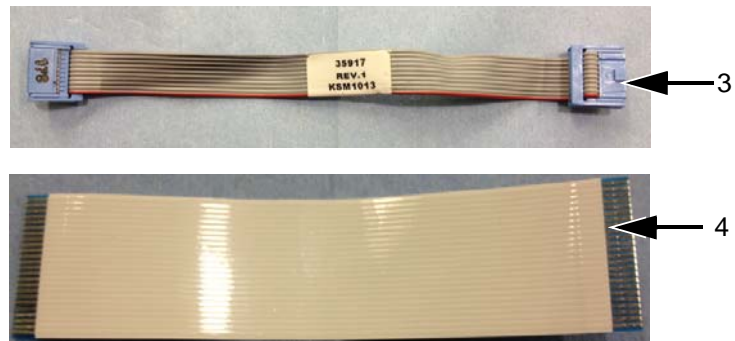


Figure 7-9: Ribbon Cables

## Front Plate/Motor Assembly

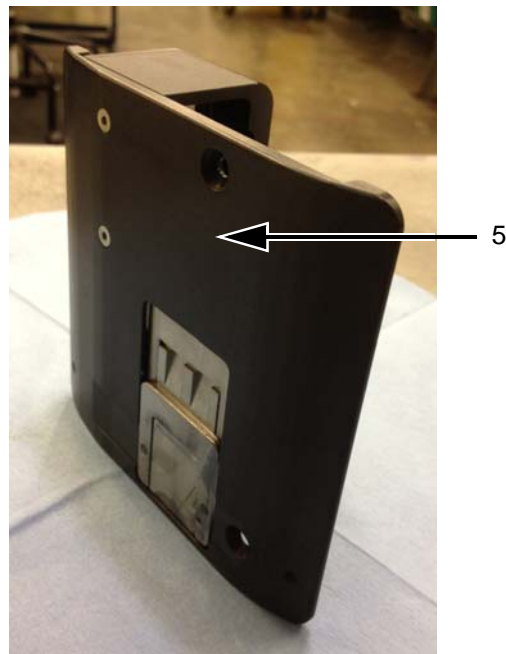


Figure 7-10: Front Plate/Motor Assembly

## Printhead Connector PCB

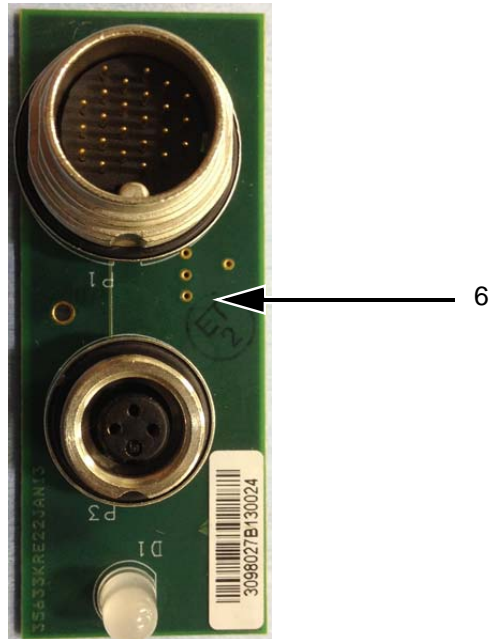


Figure 7-11: Printhead Connector PCB

Item Number	Part Number	Description	Quantity
1	WLK860022	Printhead	1
2	WLK860970	Printhead PCB	1
3	WLK860967	Printhead Internal Ribbon Cable from Printhead PCB To Motor Connector PCB	1
4	WLK860966	Printhead Internal Ribbon Cable from Printhead PCB To Printhead Connector PCB	1
5	WLK860958	Printhead Front Plate/Motor Assembly	1
6	WLK860956	Printhead Connector PCB	1

Table 7-3: Printhead Assembly - Parts List



## Cables

Part Number	Description
WLK610703	SERIAL I/F CABLE RS232 3 m
WLK504681	TIJ I/O Cable Assembly, 3 m
WLK504685	TIJ I/O Cable Assembly, 5 m
WLK860603	Data Cable, TIJ Printhead 3 m
WLK860703	Data Cable, TIJ Printhead 3 m 90 D
WLK860605	Data Cable, TIJ Printhead 5 m
WLK860705	Data Cable, TIJ Printhead 5 m 90 D
WLK860610	Data Cable, TIJ Printhead 10 m
WLK860710	Data Cable, TIJ Printhead 10 m 90 D
WLK860615	Data Cable, TIJ Printhead 15 m
WLK860715	Data Cable, TIJ Printhead 15 m 90 D
WLK860800	Ethernet Cable, IP65 Connector both ends 5 m
WLK860801	Ethernet Cable, IP65 Connector one end 5 m
WLK860900	USB Cable, IP65 Connector both ends 5 m
WLK860901	USB Cable, IP65 Connector one end 5 m

Table 7-4: Cables

## Product Sensor Kit

### Product Sensor



Figure 7-12: Product Sensor

## Cable Cutter



Figure 7-13: Cable Cutter

Table 7-5 lists the parts of the product sensor assembly.

Item Number	Part Number	Description	Quantity
	WLK610145	Product Sensor Kit, K2 PNP	1
1	WLK610141	Product Sensor, K2 PNP	1
2	WLK610104	Cable Cutter	1
3*	WLK610103	FIBER OPTIC CABLE MONO/MULTIMODE, D=2MM, I=2M, HEAD M4	1
4*	WLK610120	PLUG FOR PRODUCT SENSOR CONNECTOR 3-POLE TO BE CONNECTED TO PRINT HEAD, STRAIGHT, IP67	1

Table 7-5: Product Sensor - Parts List

\* - Item is not shown in the figure.

## Accessories

### Shaft Encoder

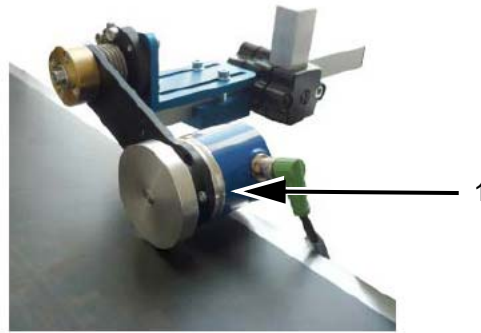


Figure 7-14: Shaft Encoder

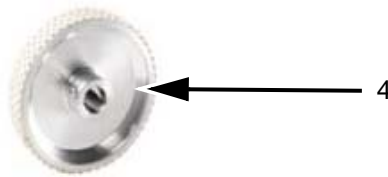


Figure 7-15: Measuring Wheel



Figure 7-16: Shaft Encoder Cable

Table 7-6 lists the accessories of the printer.

Item Number	Part Number	Description	Quantity
1	WLK610340	Shaft Encoder Kit, Type B (Must Order Wheel & Cable)	1
2*	WLK610331	Shaft Encoder Type B, Standard	1
3*	WLK610332	Shaft Encoder Type D, Heavy Duty	1
4	WLK610342	Shaft Encoder Measuring Wheel, Aluminum with Napped Rubber, For type B & D Encoders	1
5*	WLK610341	Measuring Wheel B+D M Aluminum	1
6*	WLK610343	Measuring Wheel B+D Hytrel	1
7*	WLK610344	Measuring Wheel B+D Axial Circ	1

Table 7-6: Accessories

Item Number	Part Number	Description	Quantity
8*	WLK610351	Coupling, D1=10 mm, D2=10 mm, Brass Coating	1
9	WLK610531	8-pole connector cable for encoder type B & D, 3 m angular at encoder, straight at controller	1
10*	WLK610532	8-pole connector cable for encoder type B & D, 6 m angular at encoder, straight at controller	1
11*	WLK610502	Extension Cable for Shaft Encoder, 2 m for Encoder Type A, B and D	1
12*	WLK610503	Extension Cable for Shaft Encoder, 3 m for Encoder Type A, B and D	1
13*	WLK610533	Extension Cable for Shaft Encoder, 3 m for Encoder Type A, B and D	1
14*	WLK610506	Extension Cable for Shaft Encoder, 6 m for Encoder Type A, B and D	1
15*	WLK610536	Extension Cable for Shaft Encoder, 6 m for Encoder Type A, B And D	1
16*	WLK610510	Extension Cable for Shaft Encoder, 10 m for Encoder Type A, B And D	1
17*	WLK610308	Connector for Shaft Encoder, 12-pole	1

Table 7-6: Accessories (Continued)

\* - Item is not shown in the figure.

## Bracketry

### Flexible Stand Bracket Kit

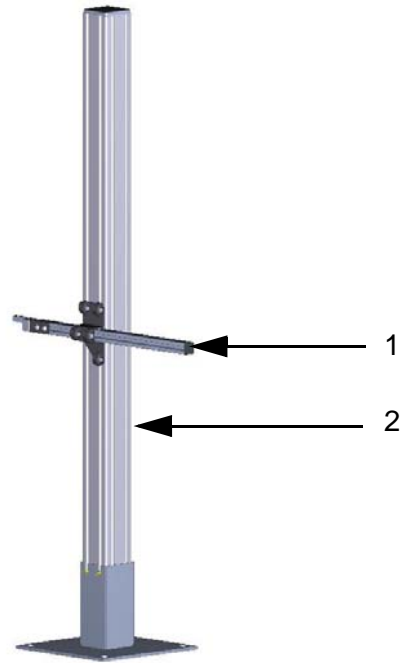


Figure 7-17: Flexible Stand Bracket Kit

### Horizontal Arm



Figure 7-18: Horizontal Arm

## Vertical Stand

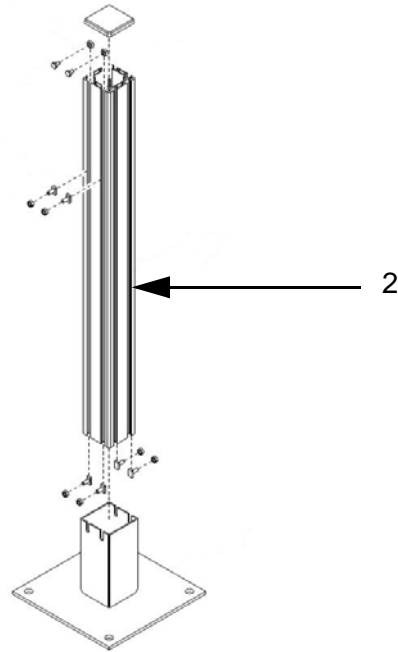


Figure 7-19: Vertical Stand

Item Number	Part Number	Description
1	WLK860301	Horizontal Arm used with Flexible Stand to hold Printhead
2	IJFLS13615	5 ft. Vertical Stand

Table 7-7: Flexible Stand Bracket Kit

## Base Clamp



Figure 7-20: Base Clamp

Part Number	Description
WLK610404	BS-Flange Clamp 25X25 mm NON COAT

Table 7-8: Base Clamp

## Flange Clamp



Figure 7-21: Flange Clamp

Part Number	Description
WLK610403	Flange Clamp 25X25 mm BLACK COATED

Table 7-9: Flange Clamp



## Cross Clamp with Lever



Figure 7-22: Cross Clamp with Lever

Part Number	Description
WLK610401	Cross Clamp 25X25 mm WITH LEVER

Table 7-10: Cross Clamp with Lever

## Cross Clamp without Lever



Figure 7-23: Cross Clamp without Lever

Part Number	Description
WLK610402	Cross Clamp 25X25 mm WITHOUT LEVER

Table 7-11: Cross Clamp without Lever

### Holder Tube, 300 mm



Figure 7-24: Holder Tube, 300 mm

Part Number	Description
WLK610412	Holder Tube 25X25X2 mm 300 mm

Table 7-12: Holder Tube, 300 mm

### Holder Tube, 400 mm



Figure 7-25: Holder Tube, 400 mm

Part Number	Description
WLK610413	Holder Tube 25X25X2 mm 400 mm

Table 7-13: Holder Tube, 400 mm

### Holder Tube - Printhead Mount



Figure 7-26: Holder Tube - Printhead Mount

Part Number	Description
WLK860431	Holder Tube 25X25X400 mm Printhead Mount

Table 7-14: Holder Tube - Printhead Mount

## Single Head Holder Kit

Part Number	Description
WLK860320	Single Head Holder Kit - Contains: Bark Printhead Mounting Bar and WLK610400 contents

Table 7-15: Holder Kit

## TIJ Yoke Kit

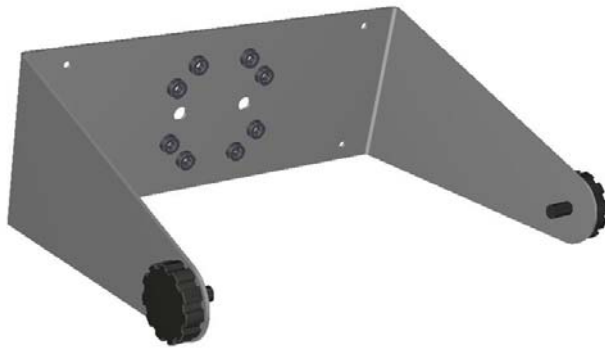


Figure 7-27: TIJ Yoke Kit

Part Number	Description
WLK404802	TIJ Standard Profile Yoke Kit
WLK404803	TIJ Low Profile Yoke Kit

Table 7-16: TIJ Yoke Kit

## Other Spare Parts

Part Number	Description
34593	Beacon Assembly, Red/Orange/Green 24V AC/DC
SAR12031	Detector Kit, EZ Pro, White Light (through-beam detector for label applications)
WLK610312	Holder Bar, 25x25 mm, 650 mm for Encoder and Mounting in general
WLK610333	Flexible Holder for Flange Clamp
WLK610534	8-Pole Connector Cable, 10 m St.
WLK860810	Beacon Kit
WLK860910	Printhead Maintenance Kit - Contains: Swabs, Wipes, Wash Bottle
WLK860920	Controller Socket Plug Kit - Contains: Various Plugs for Controller Ports
V-902Q	Maintenance Fluid (1 quart)
WLK860930	Bracket, Remote Product Sensor Mount

Table 7-17: Other Spare Parts