

# Illustrated Parts List

# 7

The illustrations and the associated tables provide detailed information about the parts of each module of the Videojet 8520 printer. This information is useful for ordering the spare parts for the printer.

## Standard Controller Assembly



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

Item Number	Part Number	Description	Quantity
1	WLK680245	Controller	1
2	WLK680257	Spare Control PCB	1
3	WLK404793	Spare Memory Card	1
4	402797	CLARiTY LCD Cable 8.4	1
5	WLK680250	Spare CTIJ-ID Backplane PCB	1
6	WLK 404804	Spare TIJ Mains Switch Assembly	1
7	402789	CLARiTY LCD 8.4 Display and Touch Screen	1
8	WLK404806	Power Supply Unit	1
9*	WLK404802	TIJ Yoke Kit	1
10*	WLK404803	TIJ Low Profile Yoke Kit	1
11*	See Table 7-2 on page 7-3	Mains Lead, Screw Connector (See Table 7-2 on page 7-3 for country specific part codes)	1
12*	216030	Fuse Kit (PK.10)	Set of 10
13*	WLK404825	TIJ Dust Cover Kit	1

Table 7-1: Standard Controller Assembly - Parts List

\* - Item is not shown in the figure.

Part Number	Description
WLK680261-01	Power Cord, English US
WLK680261-02	Power Cord, Type CEE 7/7
WLK680261-05	Power Cord, Type N
WLK680261-06	Power Cord, Type B
WLK680261-08	Power Cord, Type L
WLK680261-10	Power Cord, Type I
WLK680261-18	Power Cord, Type K
WLK680261-21	Power Cord, Type G
WLK680261-38	Power Cord, Type J
WLK680261-39	Power Cord, Type D

*Table 7-2: Power Cord - Parts List*

## Printhead Assembly

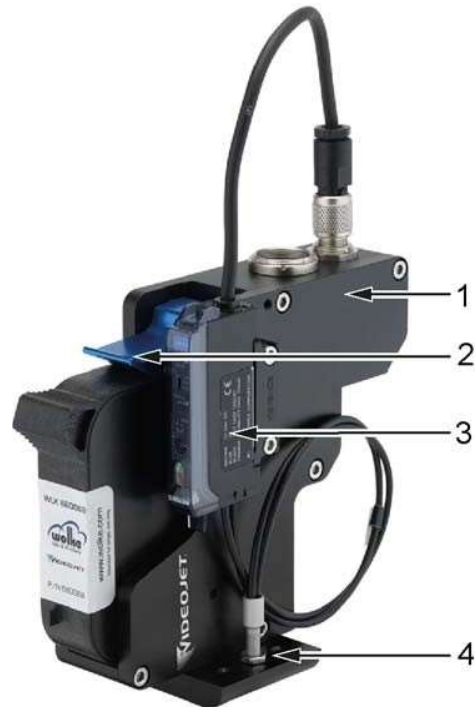


Figure 7-2: Printhead Assembly

## Printheads



Figure 7-3: Printheads

## **Photoelectric Cell**



*Figure 7-4: Photoelectric cell*

## Printhead Plates

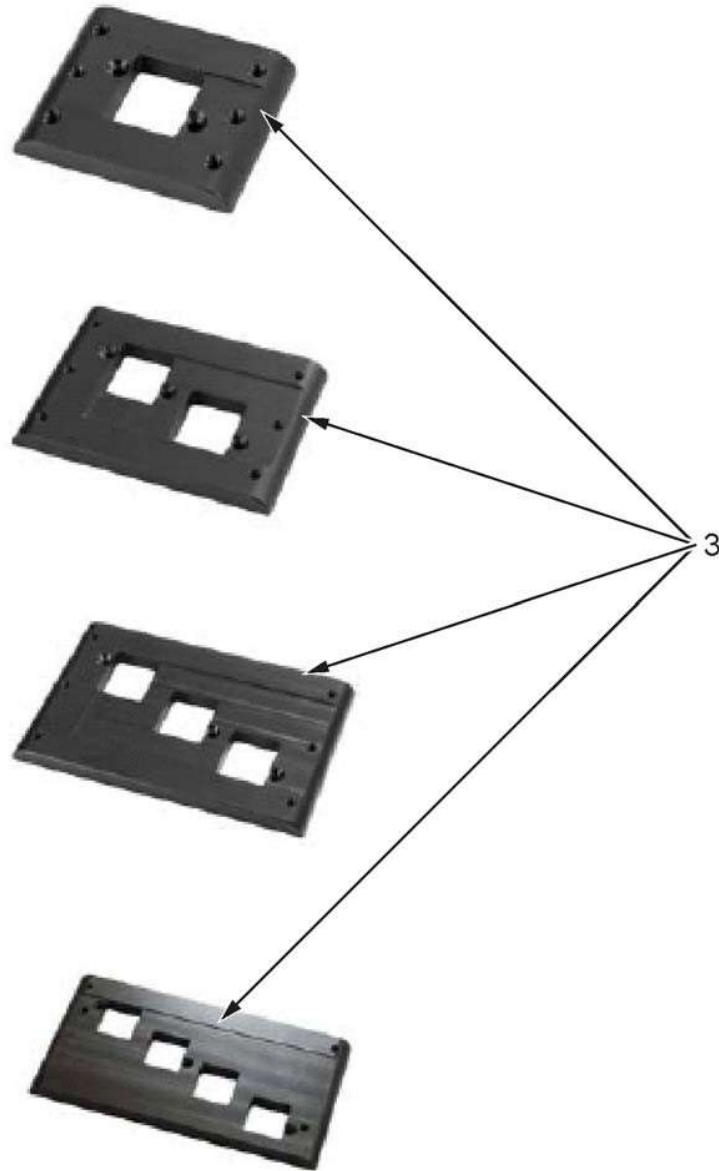


Figure 7-5: Printhead Plates

Table 7-3 lists the parts of the printer assembly.

Item Number	Part Number	Description	Quantity
1		Printhead	
	WLK680238	Printhead Gold	1
	WLK680237	Printhead Green	1
	WLK680236	Printhead Red	1
	WLK680235	Printhead Blue	1
2	WLK680252	Lock Lever for Printhead Blue	1
	WLK680253	Lock Lever for Printhead Red	1
	WLK680254	Lock Lever for Printhead Green	1
	WLK680255	Lock Lever for Printhead Gold	1
3	WLK610145	Photoelectric cell Kit, K2 PNP	
	WLK610141	Photoelectric cell, K2 PNP	1
4		Head plate	
	WLK620370	Head Plate for 1 Head	1
	WLK620375	Head Plate for 2 Heads	1
	WLK620622	Head Plate for 2 Heads, Without Offsets	1
	WLK620328	Head Plate for 3 Heads	
	WLK620380	Head Plate for 4 Heads	1
5*		Printhead Data Cable	
	WLK680290	Printhead Data Cable 1m	1
	WLK680291	Printhead Data Cable 1m 90d	1
	WLK504641	Printhead Data Cable 3 m	1
	WLK504642	Printhead Data Cable 5m	1
	WLK504768	Printhead Data Cable 8m	1
	WLK504769	Printhead Data Cable 10m	1
	WLK504770	Printhead Data Cable 3 m 90d	1

Table 7-3: Printhead Assembly - Parts List

Item Number	Part Number	Description	Quantity
	WLK504771	Printhead Data Cable 5 m 90d	1
	WLK504772	Printhead Data Cable 8 m 90d	1
	WLK504773	Printhead Data Cable 10 m 90d	1

Table 7-3: Printhead Assembly - Parts List (Continued)

\* - Item is not shown in the figure.

## Main Components

### Adapter Plate

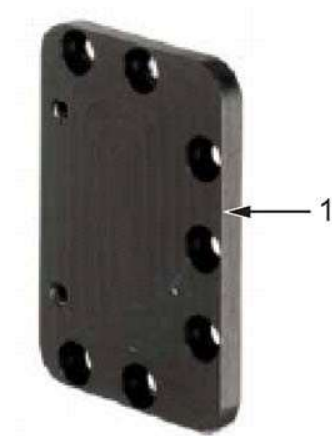


Figure 7-6: Adapter Plate



## Alignment Tool For Adjustment



Figure 7-7: Alignment Tool For Adjustment

## Pantograph with Positioning wheel



Figure 7-8: Pantograph with Positioning wheel

## Pantograph with Runner



Figure 7-9: Pantograph with runner

## Shaft Encoder

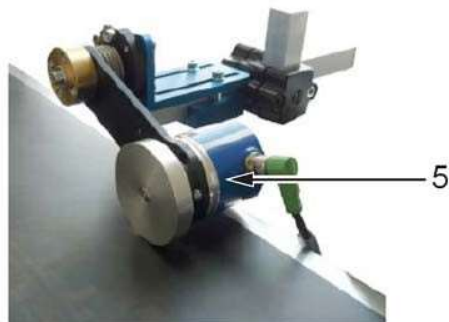


Figure 7-10: Shaft Encoder

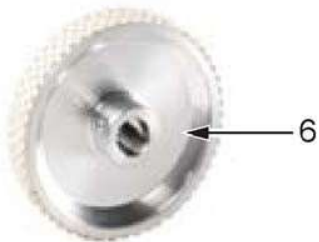


Figure 7-11: Measuring Wheel



*Figure 7-12: Shaft Encoder Cable*

Table 7-4 lists the main components of the printer.

Item Number	Part Number	Description	Quantity
1	WLK610208	Adapter for Red/Green/Gold Printhead to Pantograph	1
2	WLK610451	Alignment Tool For Adjustment	
3	WLK610200	Pantograph with Positioning Wheel	
4	WLK610210	Pantograph with Runner	
5	WLK610340	Shaft Encoder Kit, Type B (Must Order Wheel & Cable)	1
6	WLK610342	Shaft Encoder Measuring Wheel, Aluminum with Napped Rubber, For type B & D Encoders	1
7	WLK610531	8-pole connector cable for encoder type B & D, 3m angular at encoder, straight at controller	1
8*	WLK610532	8-pole connector cable for encoder type B & D, 6m angular at encoder, straight at controller	1

Table 7-4: Main Components

\* - Item is not shown in the figure.

## Cables

Item Number	Part Number	Description	Quantity
1*	WLK504681	TIJ I/O Cable Assembly 3 m	1
2*	WLK504685	TIJ I/O Cable Assembly 5 m	1
3*	WLK610703	Serial Cable	1
4*	WLK505590	TIJ HP Printhead Data Cable 3-Meter Traversing	1
5*	WLK505592	TIJ HP Printhead Data Cable 6-Meter Traversing	1
6*	WLK505594	TIJ HP Printhead Data Cable 10-Meter Traversing	1

Table 7-5: Cables

\* - Item is not shown in the figure.