Videojet 9560

Illustrated Parts Breakdown

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Section 1   Introduction

1.1 About this Guide

This manual shows the replacement parts, and accessories, that are available for the Videojet 9560 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, 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. 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.

Section 2   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
- Videojet 9560 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 system, and the sub assemblies under the main assembly.
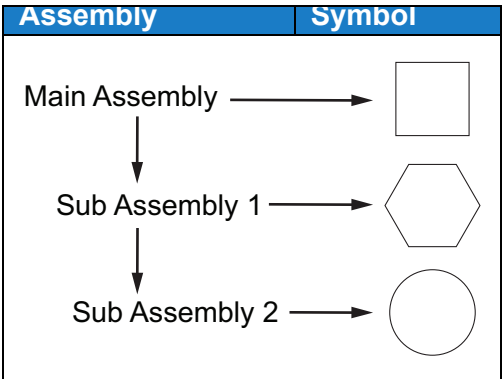

Table 1: Symbols Representation - Assemblies

2.1.2 Labeling

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 9560 Parts

Figure 1: Main Parts of the Videojet 9560 Labeler

Item	Descriptions	Sub-assembly
A	LPA	Refer to Table 3
B	Printhead	Refer to Table 28
C	CLARiTY Display	Refer to Table 45

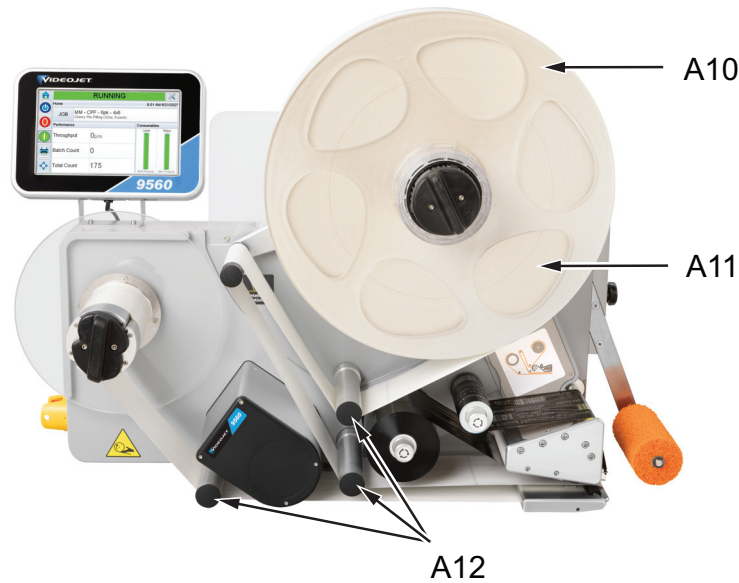*Table 2: Videojet 9560 Labeler Assemblies*

Figure 2: LPA

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A1*	430294	LPA Main PCB		Refer to Table 5
A2*	406347 409680 (160W)	LPA Power Supply Assembly		Refer to Table 6
A3*	406348	LPA 150V Power Supply Assembly		Refer to Table 7
A4*	406349	LPA Label Drive Motor		Refer to Table 8
A5*	406351 (RH) 406545 (LH)	LPA Brake Motor Assembly		Refer to Table 9
A6*	406331 (RH) 406332 (LH)	LPA Brake Belt Assembly		Refer to Table 10
A7*	407334	LPA Brake Belt Pulley Assembly		Refer to Table 11
A8*	406334	LPA Label Drive Belt		Refer to Table 12
A9*	406353 409154 (160mm)	LPA Supply Gripper Flaps		Refer to Table 13
A10	406337	LPA Supply Disc Assembly		Refer to Table 14
A11	406345 (RH) 406346 (LH)	LPA Supply Assembly		Refer to Table 15
	409152 (RH) 409153 (LH)	LPA 160mm Supply Assembly		Refer to Table 15
A12	406354 409136 (160mm)	LPA Label Roller		Refer to Table 16
A13*	406359 409149 (160mm)	LPA Rewind Cord		Refer to Table 17

Table 3: LPA Assemblies
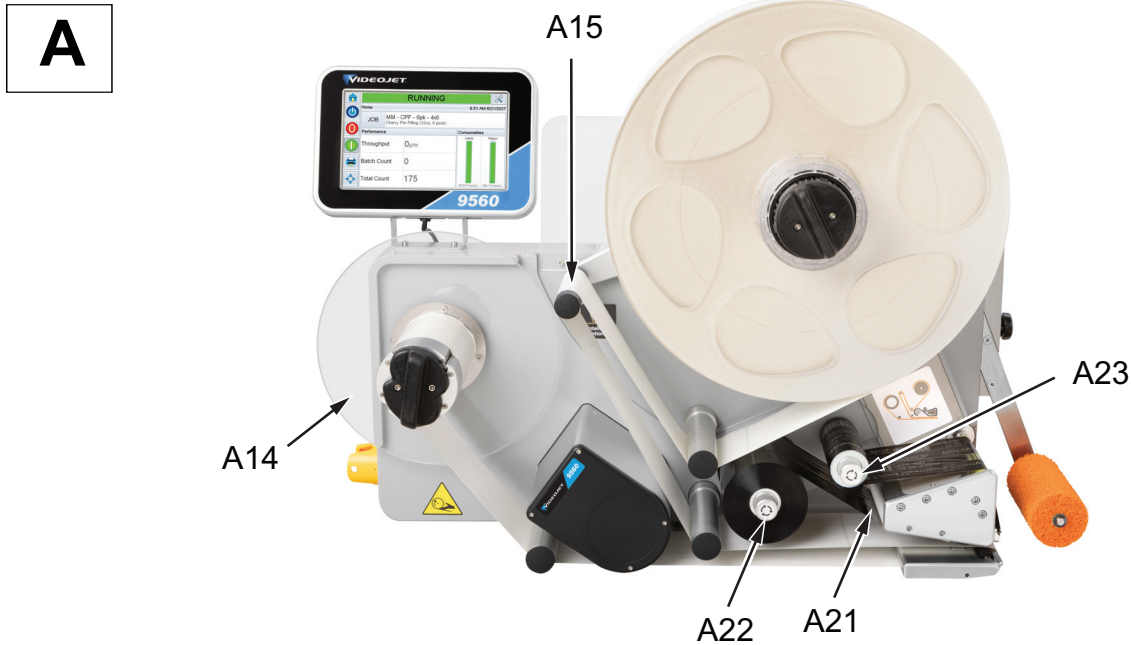
* Item not shown in Figure

Figure 3: LPA

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A14	Refer to Table 18	LPA Label Rewind Assembly		Refer to Table 18
A15	406360 409155 (160mm)	LPA Dancer Arm Roller		Refer to Table 19
A16*	406361	LPA Dancer Arm Spring		Refer to Table 20
	407335 (LH) 407336 (RH)	LPA Supply Override Finger		Refer to Table 20
A17*	406355	LPA Dancer Arm Sensor PCB		Refer to Table 21
A18*	406356	LPA Supply Reel Hall Sensor PCB		Refer to Table 22
A19*	406336	LPA Label Drive Stepper PCB		Refer to Table 23
A20*	406350	LPA Ribbon Drive Motor		Refer to Table 24
A21	Refer to Table 25	LPA Ribbon Rollers		Refer to Table 25
A22	Refer to Table 26	LPA Ribbon Supply Mandrel		Refer to Table 26
A23	Refer to Table 26	LPA Ribbon Waste Mandrel		Refer to Table 26
A24*	406329	LPA Leaf Springs		Refer to Table 26
A25*	406376	LPA Mandrel Refurb Kit		Refer to Table 26
A26*	430444	Wi-Fi Assembly		Refer to Table 27

Table 4: LPA Assemblies

* Item not shown in Figure
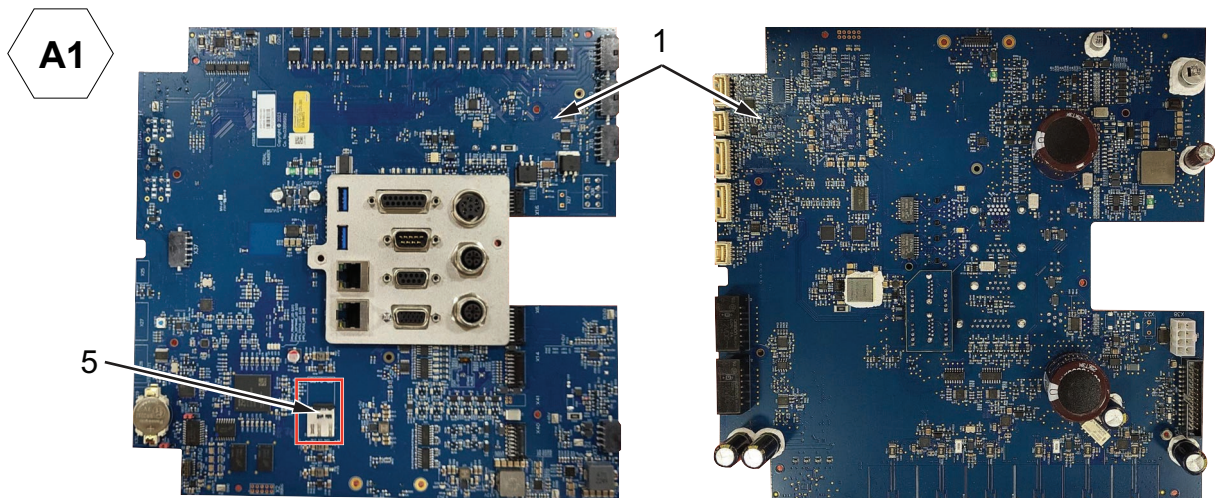
Figure 4: LPA Main PCB

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A1	430294	LPA Main PCB		
1		MCB	1	
2*		Screw	4	
3*		Washer	4	
4*		Pillar	5	
5	406342	SD Card	1	

Table 5: LPA Main PCB

 * Item not shown in Figure
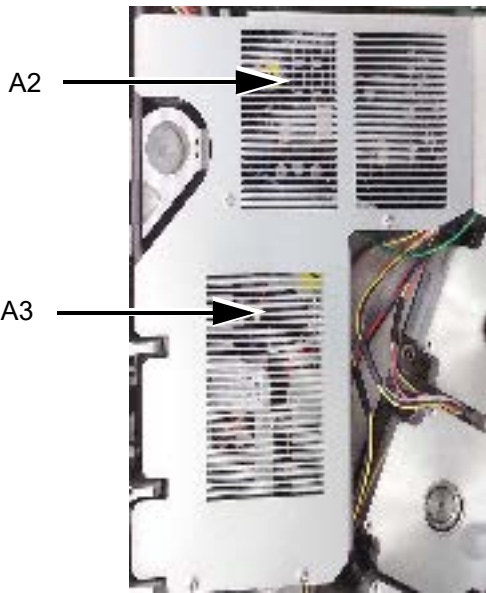
Figure 5: Power Supply Assembly

Figure 6: LPA 48V Power Supply Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A2	406347	LPA 48V Power Supply Assembly	1	
	409680	LPA 160mm 48V Power Supply Assembly		
1*		Output Cable	1	

Table 6: LPA 48V Power Supply Assembly

* Item not shown in Figure

Figure 7: LPA 150V Power Supply Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A3	406348	LPA 150V Power Supply Assembly	1	
1*		PSU to Stepper Cable	1	

Table 7: LPA 150V Power Supply Assembly
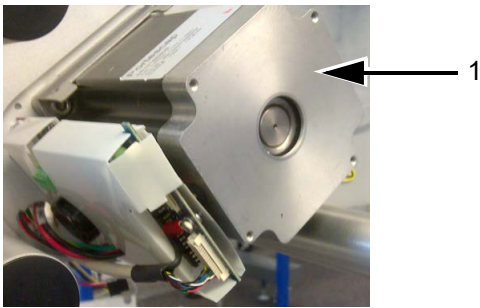
* Item not shown in Figure

Figure 8: LPA Label Drive Motor

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A4	406349	LPA Label Drive Motor		
1		Label Drive Motor	1	
2*		Screw	4	

Table 8: LPA Label Drive Motor

* Item not shown in Figure
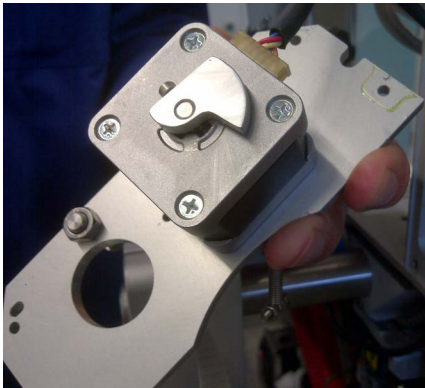
Figure 9: LPA Brake Motor Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A5	406351 (RH) 406545 (LH)	LPA Brake Motor Assembly	1	

Table 9: LPA Brake Motor Assembly

A6
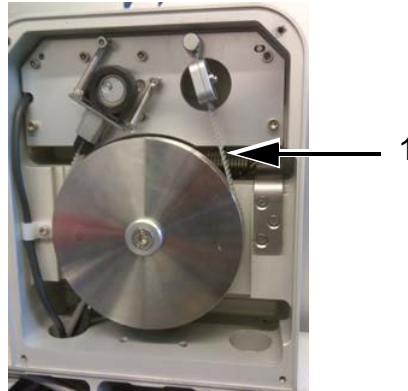
Figure 10: LPA Brake Belt Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A6	406331 (RH) 406332 (LH)	LPA Brake Belt Assembly		
1		Timing Belt	1	
2*		Teardrop Sprag Clamp	1	
3*		Screw	1	

Table 10: LPA Brake Belt Assembly

* Item not shown in Figure

A7
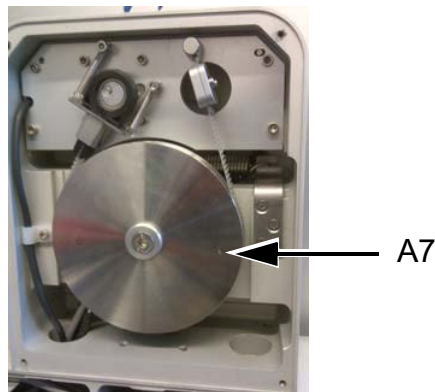
Figure 11: LPA Brake Belt Pulley Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A7	407334	LPA Brake Belt Pulley Assembly	1	

Table 11: LPA Brake Belt Pulley Assembly

A8

A8
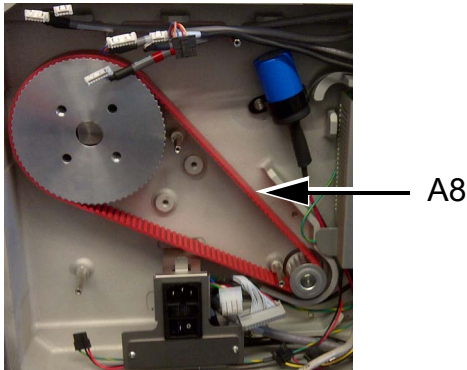
Figure 12: LPA Label Drive Belt

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A8	406334	LPA Label Drive Belt	1	

Table 12: LPA Label Drive Belt

A9
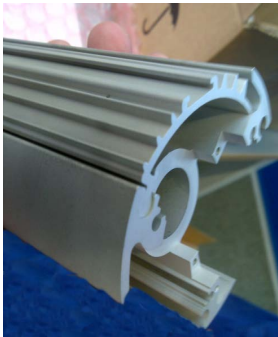
Figure 13: LPA Supply Gripper Flaps

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A9	406353	LPA Supply Gripper Flaps	3	
	409154	LPA 160mm Supply Gripper Flaps		

Table 13: LPA Supply Gripper Flaps

A10
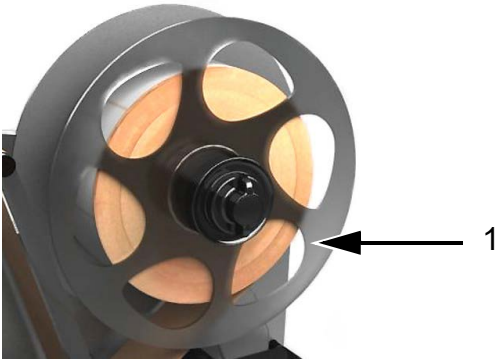
Figure 14: LPA Supply Disc Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A10	406337	LPA Supply Disc Assembly		
1		Outer Hub	1	
2*		Inner Hub	1	
3*		Captive Sleeve	1	

Table 14: LPA Supply Disc Assembly

* Item not shown in Figure

A11

Figure 15: LPA Supply Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A11	406345 (RH) 406346 (LH)	LPA Supply Assembly	1	
	409152 (RH) 409153 (LH)	LPA 160mm Supply Assembly		

Table 15: LPA Supply Assembly

A12
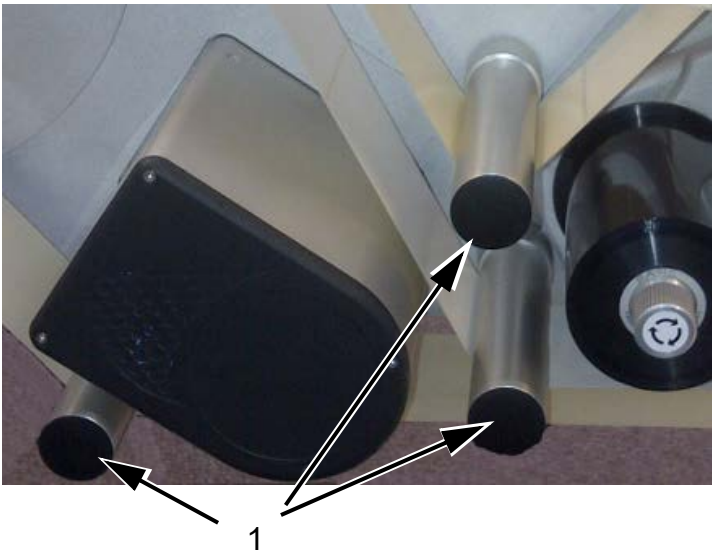
Figure 16: LPA Label Roller

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A12	406354	LPA Label Idler Roller		
	409136	LPA 160mm Label Idler Roller		
1		Roller	1	
2*		Screw	1	
3*		Washer	1	

Table 16: LPA Label Roller

* Item not shown in Figure

A13

A13 ————→
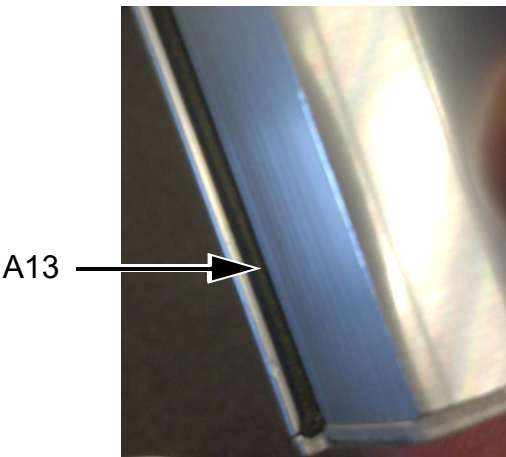
Figure 17: LPA Rewind Cord

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A13	406359	LPA Rewind Cord	Pack of 10	
	409149	LPA 160mm Rewind Cord		

Table 17: LPA Rewind Cord

A14
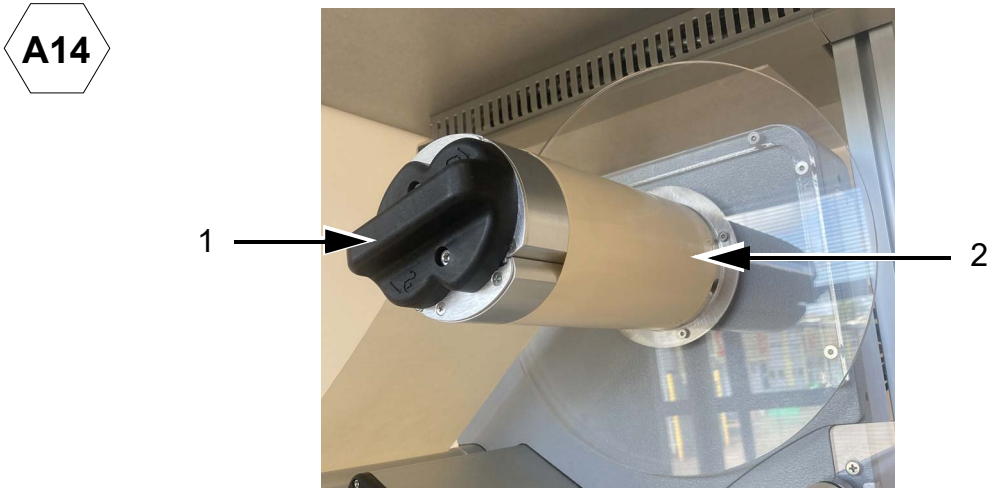
Figure 18: LPA Label Rewind Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A14		LPA Label Rewind Assembly		
1	407148 (RH) 407149 (LH)	LPA Label Rewind End Cap Assembly	1	
2	409150 (RH) 409151 (LH)	LPA 160mm Label Rewind Assembly	1	

Table 18: LPA Label Rewind Assembly

A15

A15
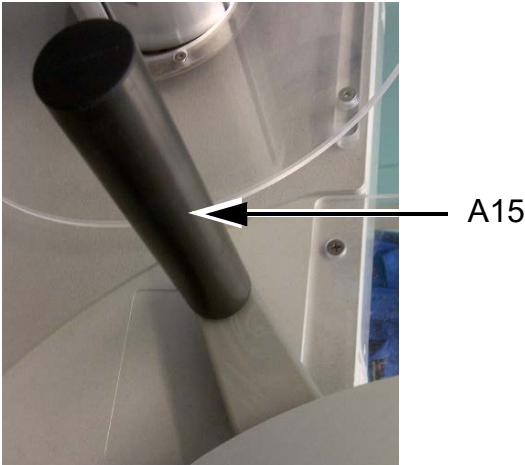
Figure 19: LPA Dancer Arm Roller

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A15	406360	LPA Dancer Arm Roller	Pack of 5	
	409155	LPA 160mm Dancer Arm Roller		

Table 19: LPA Dancer Arm Roller

A16

1

2
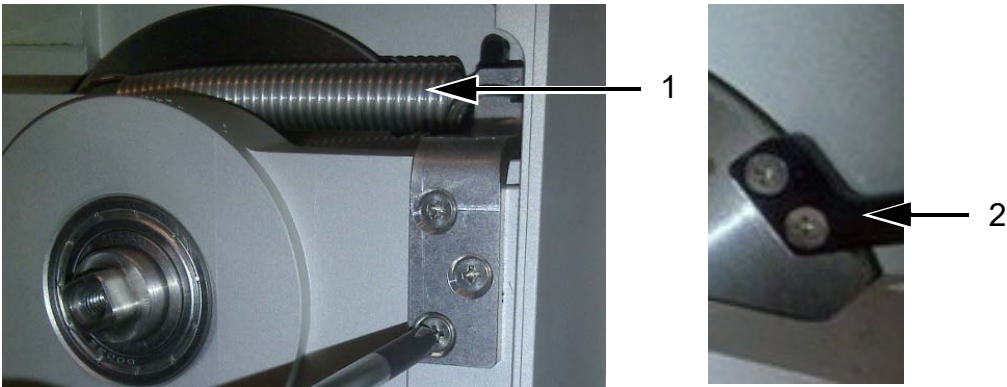
Figure 20: LPA Dancer Arm Spares

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A16		LPA Dancer Arm Spares		
1	406361	LPA Dancer Arm Spring	Pack of 5	
2	407335 (LH) 407336 (RH)	LPA Supply Override Finger	1	

Table 20: LPA Dancer Arm Spares

A17

A17

Figure 21: LPA Dancer Arm Sensor PCB

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A17	406355	LPA Dancer Arm Sensor PCB	1	

Table 21: LPA Dancer Arm Sensor PCB

A18

A18
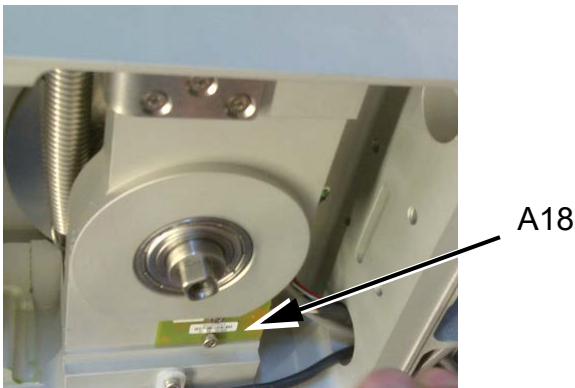
Figure 22: LPA Supply Reel Hall Sensor PCB

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A18	406356	LPA Supply Reel Hall Sensor PCB	1	

Table 22: LPA Supply Reel Hall Sensor PCB

A19

A19
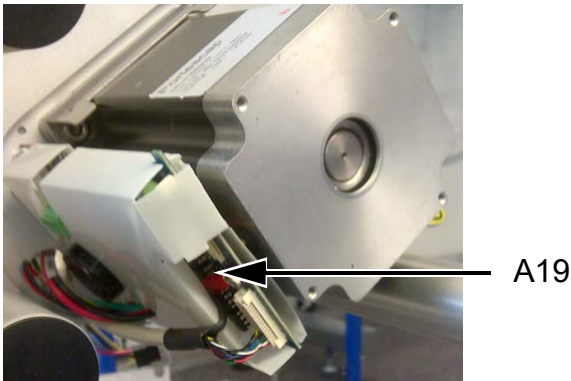
Figure 23: LPA Label Drive Stepper PCB

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A19	406336	LPA Label Drive Stepper PCB	1	

Table 23: LPA Label Drive Stepper PCB

A20

A20
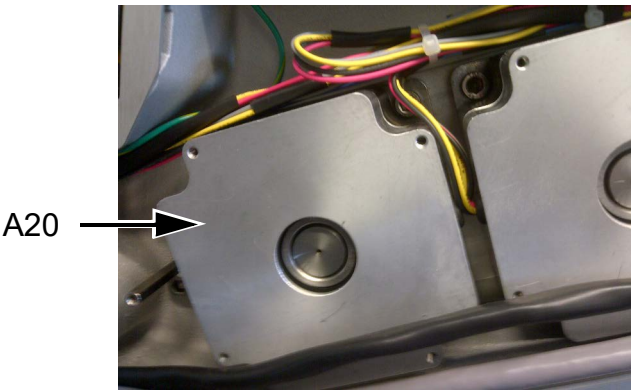
Figure 24: LPA Ribbon Drive Motor

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A20	406350	LPA Ribbon Drive Motor	1	

Table 24: LPA Ribbon Drive Motor

A21
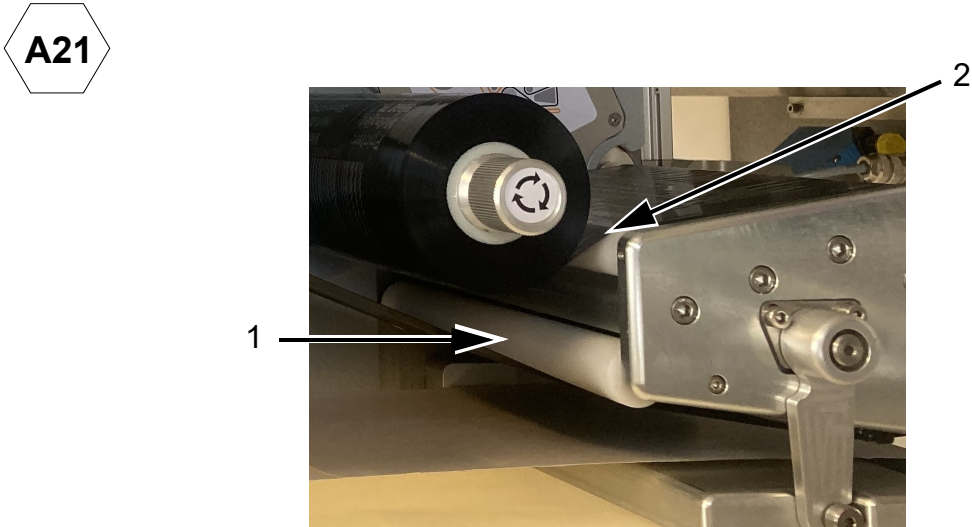
Figure 25: LPA Ribbon Rollers

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A21		LPA Ribbon Rollers		
1	409138	LPA 160mm Ribbon Deflection Roller	1	
2	409139	LPA 160mm Ribbon Guide Roller	Pack of 5	
	406363	LPA Ribbon Guide Roller		

Table 25: LPA Ribbon Rollers
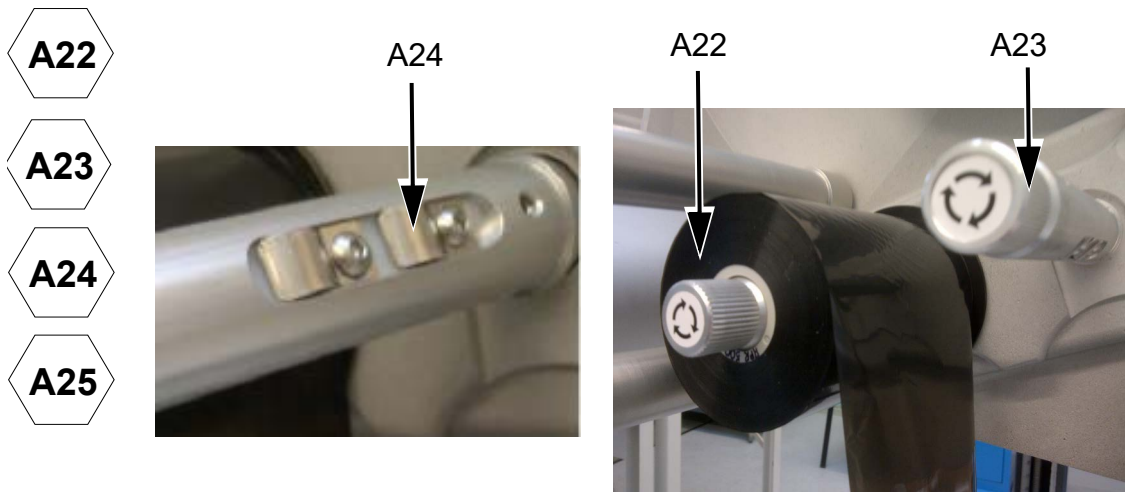
Figure 26: LPA Ribbon Mandrel

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A22	407333	LPA Ribbon Supply Mandrel	1	
	407733	LPA 53mm Ribbon Supply Mandrel		
	409140	LPA 160mm Ribbon Mandrel (Supply/Waste)		
A23	407332	LPA Ribbon Waste Mandrel	1	
	407734	LPA 53mm Ribbon Waste Mandrel		
A24	406329	LPA Leaf Springs	Pack of 16	
A25*	406376	LPA Mandrel Refurb Kit		
		Spring slider	8	
		Screw	8	
		Leaf Spring	8	

Table 26: LPA Ribbon Mandrel

* Item not shown in Figure
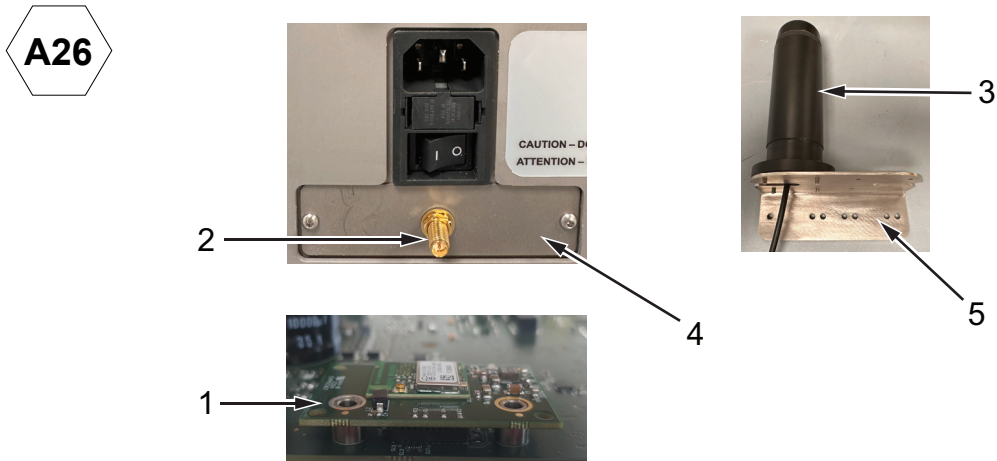
Figure 27: Wi-Fi Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
A		LPA		
A26	430444	Wi-Fi Assembly		
1		Wi-Fi Module	1	
2		Internal Antenna Cable	1	
3		External Antenna with Cable	1	
4		Wi-Fi Expansion Plate	1	
5		Bracket	1	
6*		Nut	2	
7*		Washer	2	
8*		Socket Head Screw	8	
9*		Strain Relief Clamp	1	
10*		Label	1	

Table 27: Wi-Fi Assembly

 * Item not shown in Figure

B
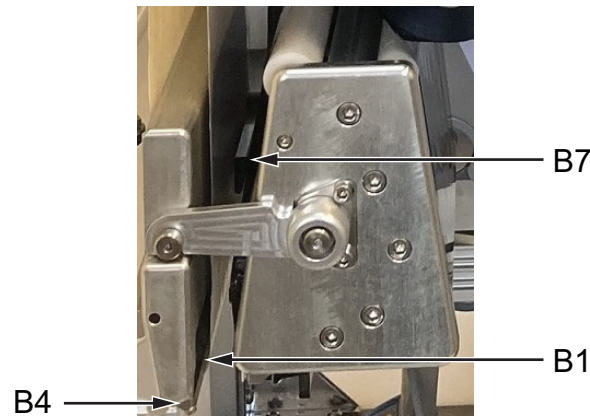
Figure 28: Printhead

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B1	Refer to Table 29	LPA Printhead Assembly		Refer to Table 29
B2*	406321	Printhead Bumper Assembly		Refer to Table 30
B3*	Refer to Table 31	Print Roller Assembly		Refer to Table 31
B4	Refer to Table 32	Peel Tip Assembly		Refer to Table 32
B5*	Refer to Table 33	Printhead Mount Assembly		Refer to Table 33
B6*	406319 409147 (160mm)	Ribbon Sensor Roller Assembly		Refer to Table 34
B7	406322 (RH) 406323 (LH)	Gap Sensor Assembly		Refer to Table 35
B8*	Refer to Table 36	Print Roller Support Plate		Refer to Table 36
B9*	406328 409148 (160mm)	Printhead Cable Guide		Refer to Table 37
B10*	406333	Printhead Belt		Refer to Table 38
B11*	406352	Printhead Motor Assembly		Refer to Table 39
B12*	Refer to Table 40	LPA Wipe Down Assembly		Refer to Table 40
B13*	406324 (RH) 406325 (LH)	Gap Sensor and Print Roller Sensor PCB		Refer to Table 41
B14*	406326 (RH) 406327 (LH)	Ribbon and Printhead Sensor PCB		Refer to Table 42
B15*	Refer to Table 43	Printhead Cables		Refer to Table 43

Table 28: Printhead Assemblies

* Item not shown in Figure

B1
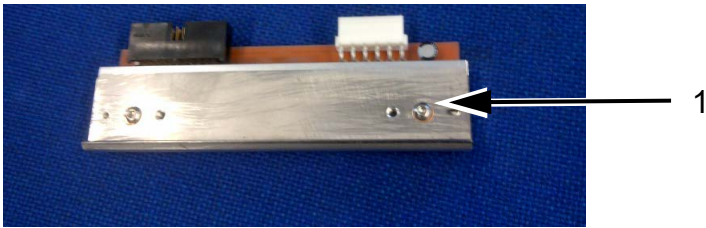
Figure 29: LPA Printhead Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B1	407064	LPA 53mm Printhead Assembly		
	406315	LPA 107 (76mm) Printhead Assembly		
	409143	LPA 160mm Printhead Assembly		
1		Peel Guide	1	
2*		Crinkle Washer	2	
3*		Screw	2	

Table 29: LPA Printhead Assembly

* Item not shown in Figure

B2

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B2	406321	Printhead Bumper Assembly		
1		Bumper Mount Plate	1	
2		Bumper	2	
3		Screw	2	

Table 30: Printhead Bumper Assembly

B3

Figure 30: Print Roller Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B3	406997	LPA 53mm Print Roller Assembly	1	
	406108	LPA 76mm Print Roller Assembly		
	406316	LPA 107mm Print Roller Assembly		
	409146	LPA 160mm Print Roller Assembly		

Table 31: Print Roller Assembly

B4

Figure 31: Peel Tip Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B4	407730	LPA 53mm Peel Tip Assembly	1	
	406320	LPA 76/107mm Peel Tip Assembly		
	409137	LPA 160mm Peel Tip Assembly		

Table 32: Peel Tip Assembly

Figure 32: Printhead Mount Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B5	407065	LPA 53mm Printhead Mount Assembly		
	406109 (RH) 406110 (LH)	LPA 76mm Printhead Mount Assembly		
	406317 (RH) 406318 (LH)	LPA 107mm Printhead Mount Assembly		
	409144 (RH) 409145 (LH)	LPA 160mm Printhead Mount Assembly		
1		Adjustable Head Mount	1	
2*		Disc Magnet	4	
3*		Countersink Screw	4	
4*		Plain Bush	2	
5*		Screw	2	

Table 33: Printhead Mount Assembly

* Item not shown in Figure

B6

B6 →
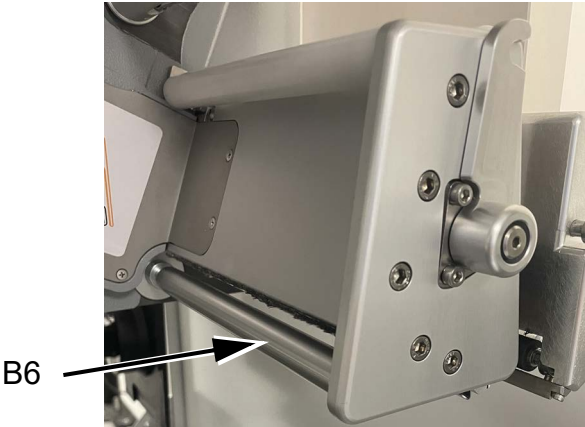
Figure 33: Ribbon Sensor Roller Assembly

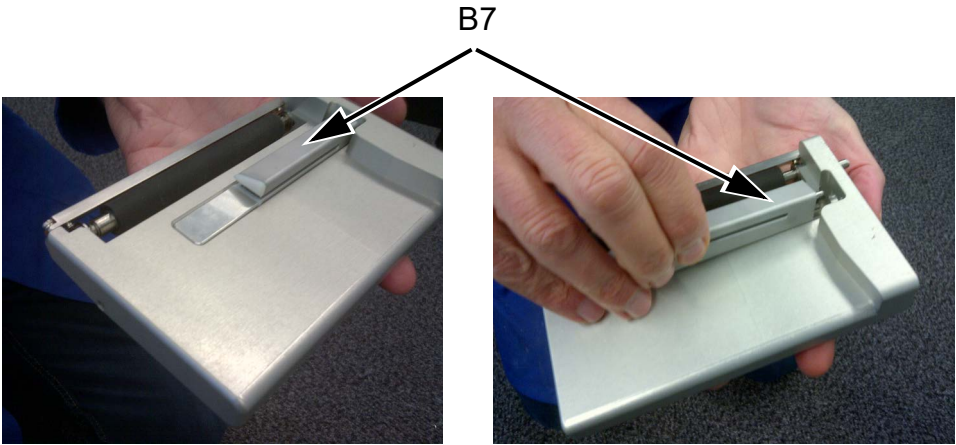| Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B6	406319	LPA Ribbon Sensor Roller Assembly	1	
	409147	LPA 160mm Ribbon Sensor Roller Assembly		

Table 34: Ribbon Sensor Roller Assembly

B7

B7

Figure 34: Gap Sensor Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B7	406322 (RH) 406323 (LH)	LPA Analogue Gap Sensor Assembly	1	

Table 35: Gap Sensor Assembly

B8
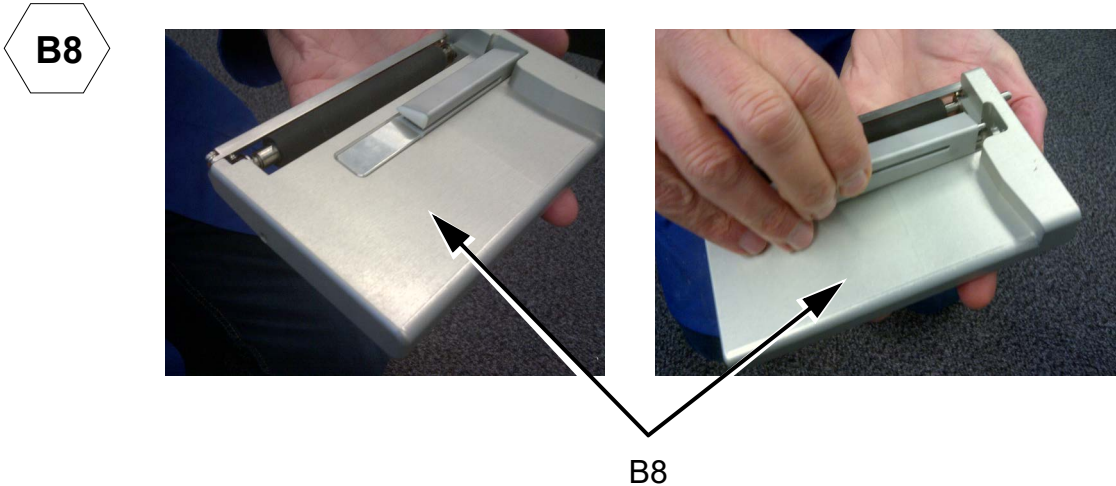
Figure 35: Print Roller Support Plate

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B8	407731 (RH) 407732 (LH)	Print Roller Support Plate 53mm	1	
	408018 (RH) 408019 (LH)	Print Roller Support Plate 76/107mm		
	409141 (RH) 409142 (LH)	Print Roller Support Plate 160mm		

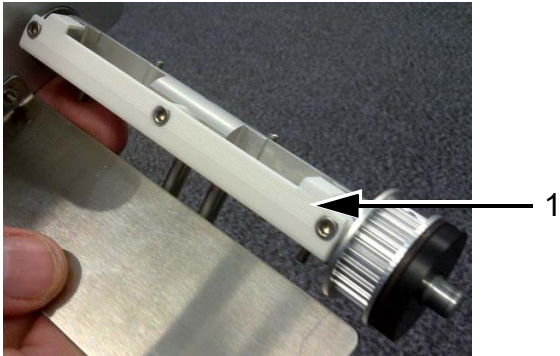*Table 36: Print Roller Support Plate*

B9

Figure 36: Printhead Cable Guide

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B9	406328	LPA Printhead Cable Guide		
	409148	LPA 160mm Printhead Cable Guide		
1		Connector Guide	1	
2*		Screw	3	

Table 37: Printhead Cable Guide

* Item not shown in Figure

B10
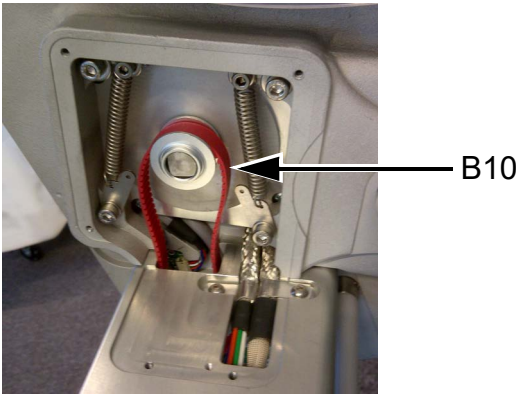
Figure 37: Printhead Belt

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B10	406333	LPA Printhead Belt	1	

Table 38: Printhead Belt
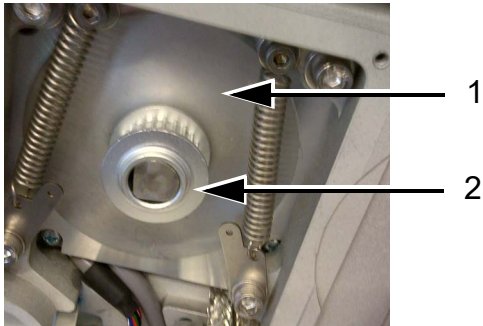
Figure 38: Printhead Motor Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B11	406352	LPA Printhead Motor Assembly		
1		Printhead Motor	1	
2*		Pulley	1	
3*		Screw	2	

Table 39: Printhead Motor Assembly

* Item not shown in Figure

B12

B12 →
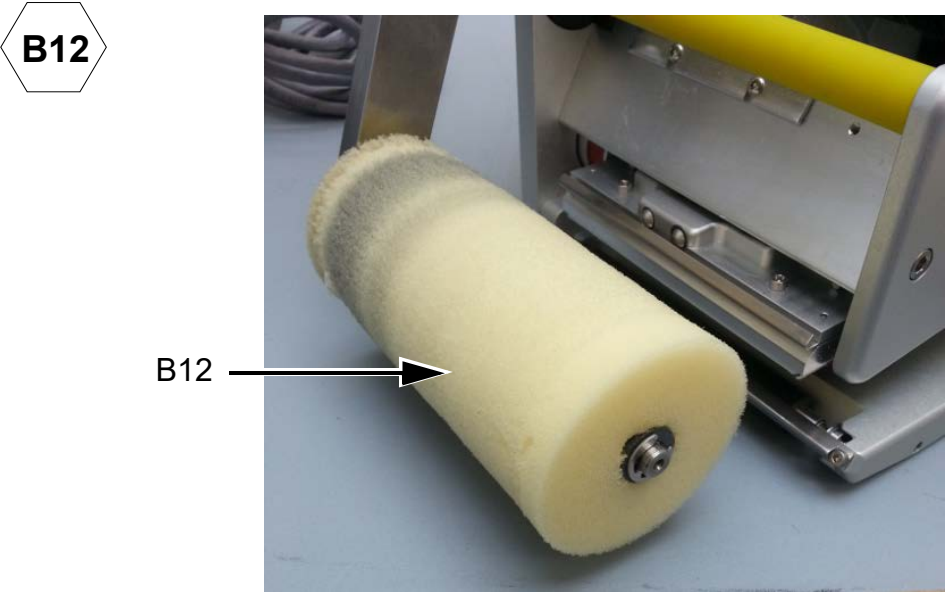
Figure 39: LPA Wipe Down Assembly

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B12	406387 (RH) 406388 (LH)	LPA Wipe Down Assembly (including Bracket and 1xWipe Down Roller)	1	
	406553	LPA Wipe Down Roller, Heavy Duty	Pack of 10	
	409156	LPA 160mm Wipe Down Roller		

Table 40: LPA Wipe Down Assembly

B13

Figure 40: Gap Sensor and Print Roller Sensor PCB

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B13	406324 (RH) 406325 (LH)	LPA Gap Sensor and Print Roller Sensor PCB	1	

Table 41: Gap Sensor and Print Roller Sensor PCB

B14
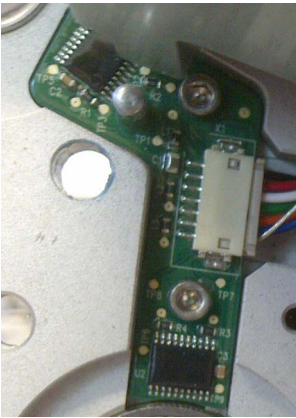
Figure 41: Ribbon and Printhead Sensor PCB

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B14	406326 (RH) 406327 (LH)	LPA Ribbon and Printhead Sensor PCB	1	

Table 42: Ribbon and Printhead Sensor PCB
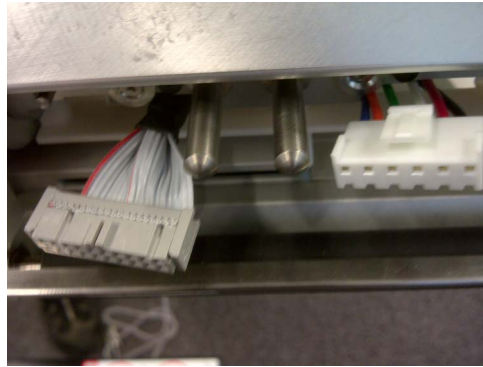
Figure 42: Printhead Cables

Item	Part Number	Descriptions	Quantity	Sub-assembly
B		Printhead		
B15	407201 (RH) 407202 (LH)	LPA 53mm Printhead Cable and PCB	1	
	406357 (RH) 406358 (LH)	LPA 53/76/107mm Printhead Cable		
	409133 (RH) 409134 (LH)	LPA 160mm Printhead Cable		

Table 43: Printhead Cables

2.2.1 Additional LPA Spares

Part Number	Descriptions	Quantity
406343	LPA Fuse	Pack of 10
406362	LPA Access Plate	1
406330	LPA Black Ribbon Disc	Pack of 5

Table 44: Additional LPA Spares

C

1

2
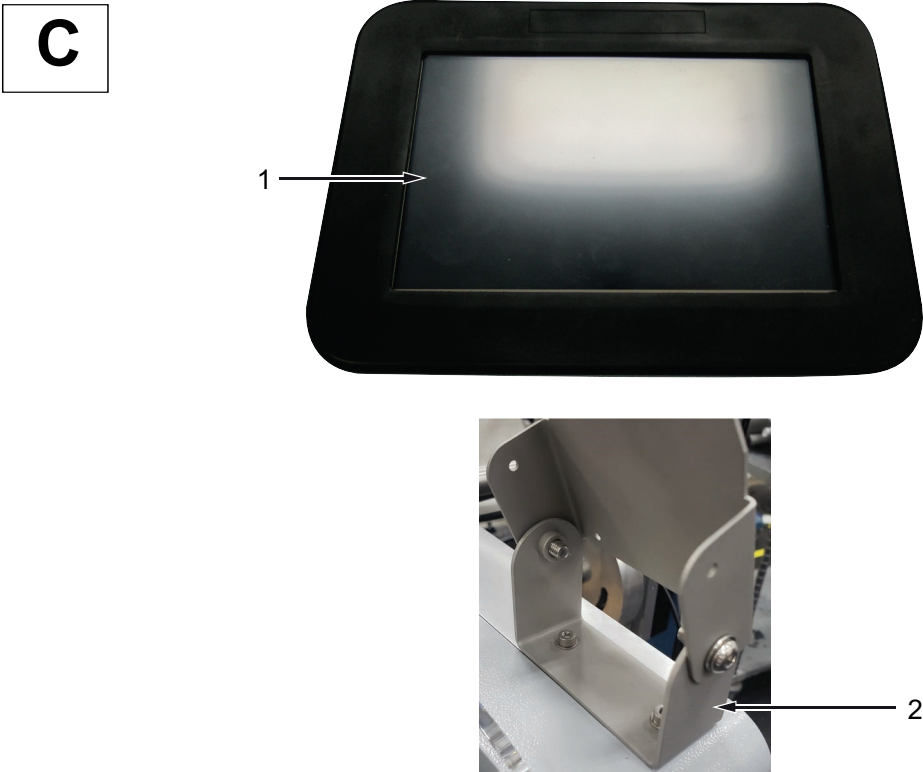
Figure 43: Graphical User Interface (GUI)

Item	Part Number	Descriptions	Quantity	Sub-assembly
C	430160	Graphical User Interface (GUI)		
1		8" GUI Assembly	1	
2		Yoke Assembly	1	

Table 45: CLARiTY Display

2.3 Additional Spares

2.3.1 LPA E-Stop

Part Number	Descriptions	Quantity
406696	LPA E-Stop	
	E-Stop Body	1
	Guard	1

Table 46: LPA E-Stop

2.4 Cables

Part Number	Descriptions	Quantity
406374 (RH) 406375 (LH)	LPA Cable Kit contains:	
	Optic Vane Sensor Assembly	1
	Integra Supply Hall Effect Sensor Assembly	1
	Integra Dancer Arm Mag. ENC Cable Assembly	1
	Ribbon Drive Mag Enc Cable	1
	Analogue Gap Sensor Cable	1
	48V Output Cable Assembly	1
	150V Output Cable Assembly	1
	Integra LPA RH 150 Stepper Cable / Integra LPA LH 150 Stepper Cable	1
	Cable, LPA PSU to Stepper, 500mm	1
406314	Internal I/O Cable Assembly	1
406379	LPA External I/O Cable, 5m	1

Table 47: Cables

2.5 Optional Accessories

2.5.1 Vertical Stand (H Base)

Figure 44: Vertical Stand (H Base)

Part Number	Descriptions	Quantity
397275	LPA Vertical Stand (H Base)	1

Table 48: Vertical Stand (H Base)

2.5.2 Horizontal Stand (H Base)

Figure 45: Horizontal Stand (H Base)

Part Number	Descriptions	Quantity
397270	LPA Horizontal Stand (H Base)	1

Table 49: Horizontal Stand (H Base)

2.5.3 Additional Accessories

Part Number	Descriptions	Quantity
405450	LPA Encoder Assembly	1
406384	LPA Status Beacon Assembly	1
406386	LPA Product Detect Sensor Assembly (Fiber Optic Prox)	1
406394	LPA Pack Handling Kit	1
406395	LPA Barcode Scanner Kit - Serial	1
406421	LPA Barcode Scanner Kit - PoE	1
406501	CLARiTY Support Tube Assembly	1
408026	LPA EZ-Eye Product Detector Kit	1
430445	Auxilliary Gap Sensor Connector	1
406396	PoE Barcode Scanner Cable Assembly	1

Table 50: Additional Accessories