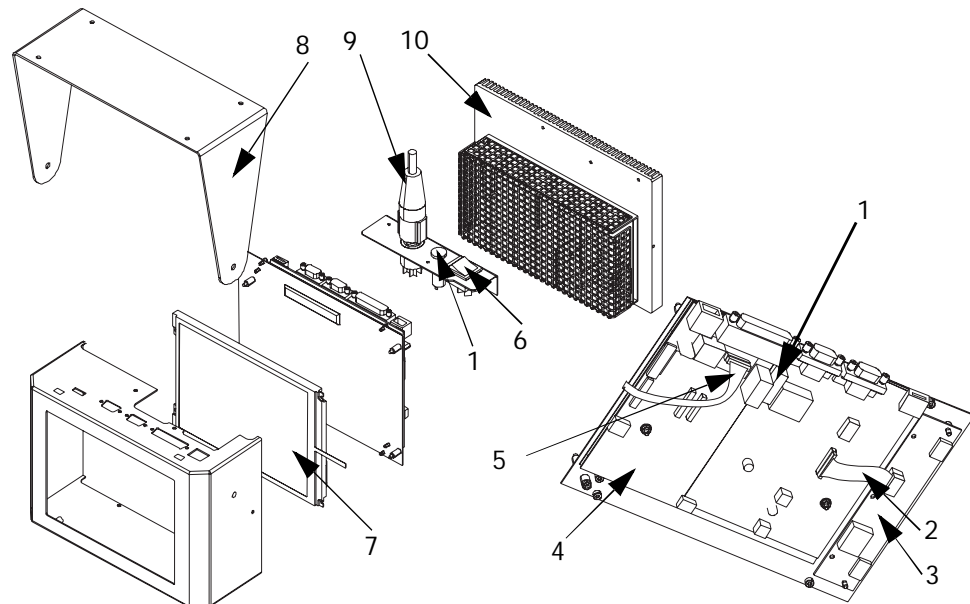# Parts List

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

Controller Assembly

1. Thermal Coder Fuse Kit
2. Inverter Cable Assembly
3. Display Inverter
4. Processor PCB
5. LCD Cable
6. Mains Switch Assembly
7. LCD Touchscreen
8. Controller Mounting Yoke Kit
9. Thermal Printer Mains Lead Assembly
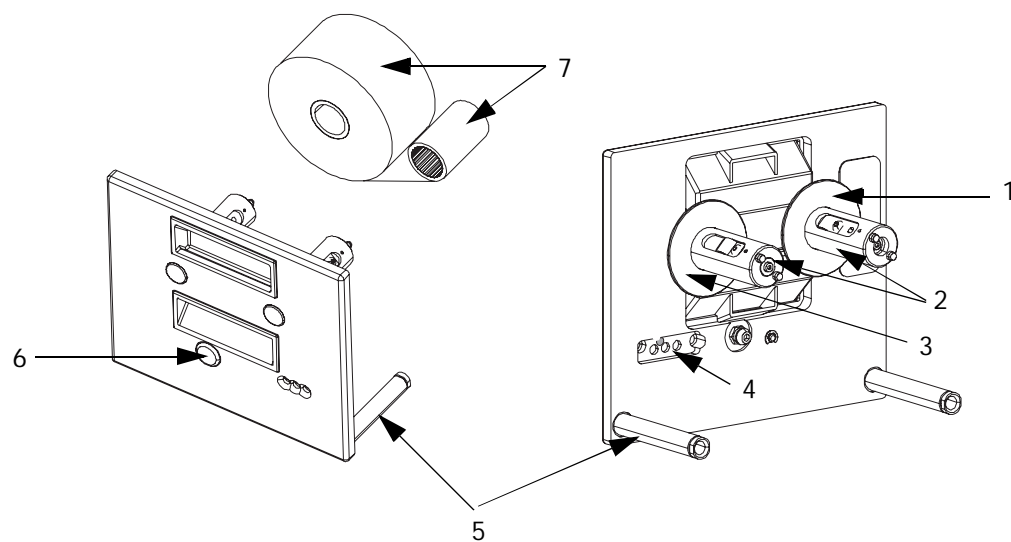10. Power Supply Unit

Figure 8-1: Controller Assembly

Table 8-1 lists the parts of the controller assembly.

Item Number	Part Number	Description	Quantity
1	216030	Thermal Coder Fuse Kit	Set of 10
2	402798	Inverter Cable Assembly	1
3	402811	Display Inverter	1
4	402796	Processor PCB	1
5	402797	LCD Cable	1
6	402799	Mains Switch Assembly	1
7	402789	LCD Touchscreen	1
8	402809	Controller Mounting Yoke Kit	1
9	402793	Thermal Printer Mains Lead Assembly	1
10	215974	Power Supply Unit	1
Not shown in the figure	402916	Thermal Printer Lead Assembly	1

Table 8-1: Controller Assembly - Parts List

Cassette Assembly

1. **Silver Disc - Pack**
2. **53 mm and 107 mm Mandrel Body Assembly**
3. **Black Disc - Pack**
4. **Cassette Magnet Pack**
5. **53 mm and 107 mm Cassette Roller**
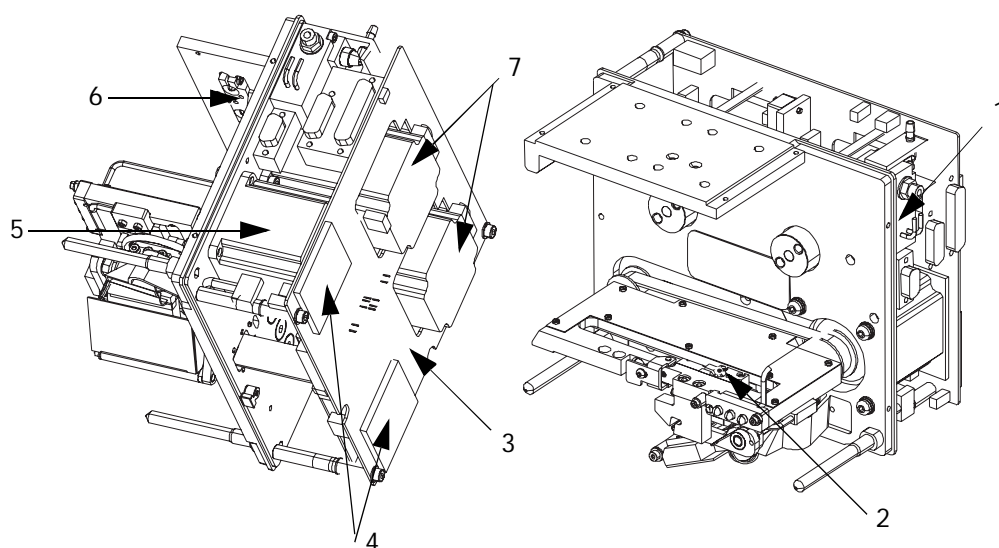6. **Cassette Release Button**
7. **Print Ribbon**

Figure 8-2: Cassette Assembly

Table 8-2 lists the parts of the Cassette assembly.

Item Number	Part Number	Description	Quantity
1	216809	Silver Disc - Pack	5 off
2	216049	53mm Mandrel Body Assembly	1
2	216581	107mm Mandrel Body Assembly	1
3	216808	Black Disc - Pack	5 off
4	216853	Cassette Magnet Pack	10 off
5	216032	53mm Cassette Roller	Set of 6
5	216584	107mm Cassette Roller	Set of 6
6	216810	Cassette Release Button	1
7		Print Ribbon – Refer section 4 for details	

Table 8-2: Cassette Assembly - Parts List

Printer Assembly

1. **Solenoid Valve Assembly**
2. **Calibration Detector Assembly**
3. **DataFlex Plus Thermal Printer PCB**
4. **Thermal Printer 64MB Flash Card**
5. **Printhead Drive Stepper Motor Assembly**
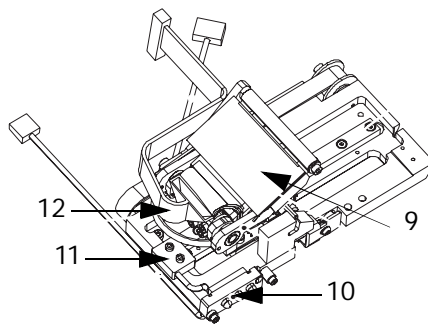6. **Calibration Emitter Assembly**
7. **Ribbon Drive Stepper Motor Assembly**

Figure 8-3: Printer Assembly
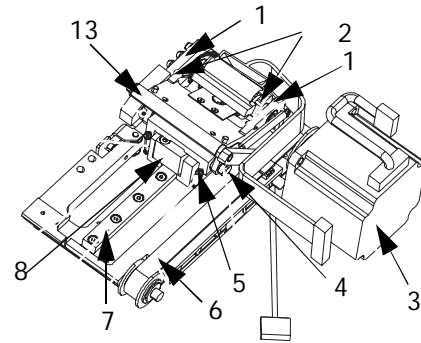
Table 8-3 lists the parts of the printer assembly.

Item Number	Part Number	Description	Quantity
1	215994	Solenoid Valve Assembly	1
2	216367	Calibration Detector Assembly LH	1
2	215991	Calibration Detector Assembly RH	1
3	402810	Dataflex Plus Thermal Printer PCB	1
4	402795	Thermal Printer 64mb Flash Card	1
5	215993	Printhead Drive Stepper Motor Assembly	1
6	215990	Calibration Emitter Assembly	1
7	215992	Ribbon Drive Stepper Motor Assembly	1

Table 8-3: Printer Assembly - Parts list

Printhead Assembly

1. Printhead Pivot Assembly
2. Strut Return Spring
3. Printhead Drive Stepper Motor Assembly
4. Printhead Pivot Screws
5. Printhead Spring
6. Timing Belt Set
7. Linear Slide Assembly
8. Short Stroke Cylinder

9. Thermal Printhead Assembly
10. Status Indicator Assembly
11. Printhead Microswitch Assembly
12. Printhead Cable Assembly
13. Peel Roller

Figure 8-4: Printhead Assembly
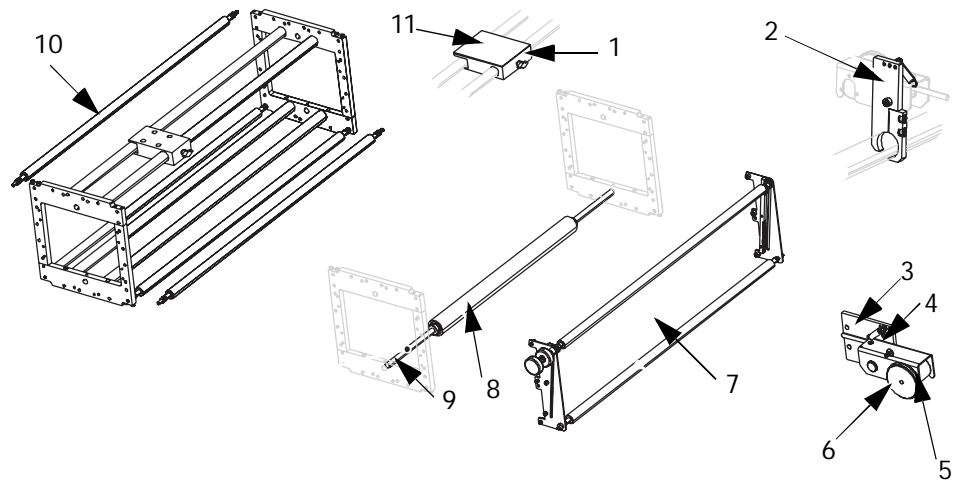
Table 8-4 lists the parts of the printer assembly.

Item Number	Part Number	Description	Quantity
1	401165	53mm Printhead Pivot Assembly LH	1
1	401072	53mm Printhead Pivot Assembly RH	1
1	216588	107mm Printhead Pivot Assembly LH	1
1	216580	107mm Printhead Pivot Assembly RH	1
2	216047	53Mm Strut Return Spring	10 off
2	216047	107mm strut return spring	10 off
3	215993	Printhead Drive Stepper Motor Assembly	1
4	401878	Printhead Pivot Screws	10 off
5	215986	53/107mm Printhead Spring	10 off
6	216037	53/107mm Timing Belt Set	5 off
7	216035	53mm Linear Slide Assembly	1
7	216579	107mm Linear Slide Assembly	1
8	216033	53mm Short Stroke Cylinder Assembly	1

Table 8-4: Printhead Assembly - Parts List

Item Number	Part Number	Description	Quantity
8	401609	107mm Short Stroke Cylinder	1
9	215984	53mm Thermal Printhead Assembly	1
9	216585	107mm Thermal Printhead Assembly	1
10	215989	Status Indicator Assembly	1
11	216036	Printhead Microswitch Assembly	1
12	216366	53mm Printhead Cable Assembly LH	1
12	215983	53mm Printhead Cable Assembly RH	1
12	216578	107mm Printhead Cable Assembly LH	1
12	216577	107mm Printhead Cable Assembly RH	1
13	216031	53mm Peel Roller	5 off
13	216583	107mm Peel Roller	5 off

Table 8-4: Printhead Assembly - Parts List (Continued)

Accessories

1. **Intermittent Bracket Print Assembly**
2. **Bracket Adjustable Encoder MNT**
3. **Bracket Fixed Encoder MNT**
4. **Thermal Printer Encoder Assembly**
5. **Encoder O Ring**
6. **Encoder Wheel Pack**

7. **Registration Unit**
8. **Print Roller**
9. **Continuous Bracket Roller Shaft**
10. **Universal Coder Bracket Assembly**
11. **Platen Rubber Pack**

Figure 8-5: Accessories

Table 8-5 lists the accessories of the printer.

Item Number	Part Number	Description	Quantity
1	SAR03044	Intermittent Bracket Print Assembly	1
2	216046	Bracket Adjustable Encoder Mount	1
3	216045	Bracket Fixed Encoder Mount	1
4	402802	Thermal Printer Encoder Assembly	1
5	215964	Encoder O Ring	10 off
6	402803	Encoder Wheel Pack	5 off
7	216042	Registration Unit	1
8	216381-300	Print Roller 300 Long	1
8	216381-400	Print Roller 400 Long	1
8	216381-450	Print Roller 450 Long	1
8	216381-500	Print Roller 500 Long	1
8	216381-550	Print Roller 550 Long	1
8	216381-600	Print Roller 600 Long	1
8	216381-650	Print Roller 650 Long	1
8	216381-700	Print Roller 700 Long	1

Table 8-5: Accessories List

Item Number	Part Number	Description	Quantity
8	216381-750	Print Roller 750 Long	1
8	216381-800	Print Roller 800 Long	1
8	216381-850	Print Roller 850 Long	1
8	216381-900	Print Roller 900 Long	1
9	216369	Continuous Bracket Roller Shaft	1
10	216368	Universal Coder Bracket Assembly	1
11	216370	Platen Rubber Pack	10 off

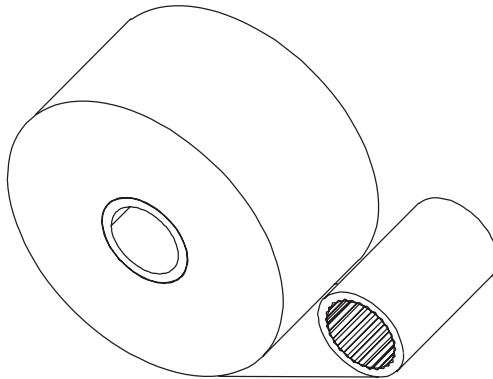*Table 8-5: Accessories List (Continued)*

Ribbons

Figure 8-6: Ribbons

Table 8-6 lists the ribbons of the printer.

Item Number	Part Number	Description	Quantity
-	15 -R110WQ5	Premium 110 mm x 450 m White (Box 5)	1 Box
-	15 -S110KQ5	Standard 110 mm x 600 m Black (Box 5)	1 Box
-	15 -S20KQ25	Standard 20 mm x 1000 m Black (Box 25)	1 Box
-	15 -S20WQ25	Standard 20 mm x 750 m White (Box 25)	1 Box
-	15 -S30KQ25	Standard 30 mm X 1000 m Black (Box 25)	1 Box

Table 8-6: Ribbons List

Item Number	Part Number	Description	Quantity
-	15 -S30KQ25 - 600	Standard 30 mm X 600 m Black (BOX 25)	1 Box
-	15 -S30WQ25 - 600	Standard 30 mm X 600 m White (BOX 25)	1 Box
-	15 -S30WQ25	Linx 100 TTR Standard 30 mm X 750 m White (BOX 25)	1 Box
-	15 -S65OQ10	Standard 55 mm X 750 m ORG (BOX 10)	1 Box
-	15 -H30KQ25	High Speed 30 mm X 1000 m Black (BOX 25)	1 Box
-	15 -H55KQ10	High Speed 55 mm X 1000 m Black (BOX 25)	1 Box
-	15 -P30WQ25	Super Standard 30 mm X 750 m White (BOX 25)	1 Box
-	15 -S55KQ10	Standard 55 mm X 1000 m Black (BOX 10)	1 Box
-	15 -S30KQ10 - 600	Standard 55 mm X 600 m Black (BOX 10)	1 Box
-	15 -S55WQ10 - 600	Standard 55 mm X 600 m White (BOX 10)	1 Box

Table 8-6: Ribbons List (Continued)

Item Number	Part Number	Description	Quantity
-	15 -P55WQ10	Super Standard 55 mm X 750 m White (BOX 10)	1 Box
-	15 -S55LQ10	Standard 55 mm X 750 m BLU (BOX OF 10)	1 Box
-	15 -S55RQ10	Standard 55 mm X 750 m RED (BOX OF 10)	1 Box
-	15 -S76KQ10	Standard 76 mm X 600 m Black (BOX 10)	1 Box
-	15 -S55YQ10	Standard 55 mm X 750 m Yellow (BOX 10)	1 Box
-	15 -S55MQ10	Standard 55 mm X 750 m Magenta (BOX 10)	1 Box
-	15 -R55WQ10	Premium 55 mm X 900 m White (BOX 10)	1 Box
-	15 -P30KQ25	Super Standard 30 mm X 900 m Black (BOX OF 25)	1 Box
-	15 -P55KQ10	Super Standard 55 mm X 900 m Black (BOX 10)	1 Box

Table 8-6: Ribbons List (Continued)

Item Number	Part Number	Description	Quantity
-	15 -S110LQ5	Standard 110 mm X 450 m BLU (BOX 5)	1 Box
-	15 -R110KQ5	Premium 110 mm X 450 m Black (BOX 5)	1 Box
-	15 -S110WQ5	Standard 110 mm X 450 m White (BOX 5)	1 Box
-	15 -110KQ5	Hot Fill 110 mm X 450 m Black (BOX 5)	1 Box
-	15 -X110KQ5	Hot Fill 110 mm X 450 m White (Box 5)	1 Box
-	15 - R20KQ25	Premium 20 mm X 900 m Black (Box 25)	1 Box
-	15 - S30YQ25	Standard 30 mm X 750 m Yellow (Box 25)	1 Box
-	15 - S55CQ10	Standard 55 mm X 750 m Cyan (Box 10)	1 Box
-	15 - S55NQ10	Standard 55 mm X 750 m Brown (Box 10)	1 Box
-	15 - S55GQ10	Standard 55 mm X 750 m Green (Box 10)	1 Box
-	15 - S30LQ25	Standard 30 mm X 750 m Blue (Box 25)	1 Box

Table 8-6: Ribbons List (Continued)

Item Number	Part Number	Description	Quantity
-	15 - S55WQ10	Standard 55 mm X 750 m Yellow (Box 10)	1 Box
-	15 - R30KQ25	Premium 30 mm X 900 m Black (Box 25)	1 Box
-	15 - R55KQ10	Premium 55 mm X 900 m Black (Box 10)	1 Box
-	15 - R55LQ10	Premium 55 mm X 900 m Dark Blue (Box 10)	1 Box
-	15 - R55GQ10	Premium 55 mm X 900 m Green (Box 10)	1 Box
-	15 - R55RQ10	Premium 55 mm X 900 m Red (Box 10)	1 Box
-	15 - R30WQ25	Premium 30 mm X 900 m White (Box 25)	1 Box
-	15 - X55KQ10	Hot Fill 55 mm X 750 m Black (Box 10)	1 Box

Table 8-6: Ribbons List (Continued)