Disassembly of Waste Electrical and Electronic Equipment (WEEE) Manual

EU Waste Electronic and Electrical Equipment Directive require producers to provide information of the different electronic and electrical materials and components found in their products at its end-of-life, and disassembly references to treatment and recycling facilities.

1. Product information
2. Materials and components list for selective treatment
3. Disassembly tools
4. Disassembly references

The following information is intended only for the use of recognized treatment and recycling facilities.

Section 1: Product information

Model name(s)— The product models are group together in series and are mechanically equivalent

Lexmark CS94x CS943de
Lexmark CX94x CX942adse, XC9445, XC9455, CX943adse, CX943adtse, CX943adxse, XC9465, CX944adtse, CX944adxse

Section 2: Materials and components list for selective treatment

Table 2: Materials and components list for selective treatmentuantity

Description	Count	Notes
Polychlorinated biphenyls (PCB) containing capacitors	0	N/A
Mercury containing components, such as switches or backlighting lamps	0	N/A
Batteries	1	********** Total Count = **1** ********** Lithium Manganese Oxide coin cell located on the Controller card
Printed circuit boards greater than 10 cm^2	mulitple	********** Minimum Count = **16** for CS943 Minimum Count = **20** for CX94x adse,XC9445, XC9455, X9465, CX94x adtse, CX94x adxe For details, see Annex B **********
Toner cartridges, liquid and pasty, as well as colour toner	9	4 – Toner cartridge 1 – Waste toner bottle 4 – Imaging unit
Plastic component(s) that may contain BFR (brominated§ flame retardants) Note (§) - This product may contain plastic parts with brominated flame retardants. Recycler should treat these parts separately. See section 4.3 Disclaimer.	multiple	********** Minimum Count = **27** for CS943 Minimum Count = **52** for CX94x adse,XC9445, XC9455, X9465 Minimum Count = **61** for CX94x adtse Minimum Count = **62** for CX94x adxe For details, See Annex A **********
Asbestos waste and components which contain asbestos	0	N/A
Cathode ray tubes	0	N/A
Chlorofluorocarbons (CFC), Hydrochlorofluorocarbons (HCFC) or Hydrofluorocarbons (HFC), Hydrocarbons (HC)	0	N/A
Gas discharge lamps	0	N/A
Liquid Crystal Display (LCD) greater than 100 cm^2 and those back-lighted with Gas discharge lamps	0	N/A
External electrical cables	1	Power cord located on the back lower left quadrant
Components containing refractory fibres	0	N/A
Components containing radioactive substances	0	N/A
Electrolyte capacitors containing substances of concern *(capacitors with height > 25 mm, diameter > 25 mm or proportionately similar volume)*	1	Capacitor located on Power Supply

Section 3: Common Tools for Disassembly

Table 3.1 - Disassembly tools

Item	Description
1	#2 Phillips screwdriver, magnetic
2	Wire cutter
3	E-clip puller or small flat-head screwdriver
4	Standard slotted head screwdriver

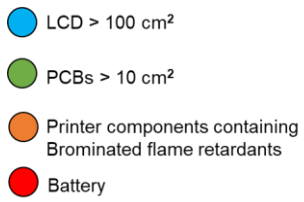
Section 4: Disassembly references

4.1 Removal procedure(s)

WEEE materials and components removal procedures are available upon request.

Please Contact: recycling@lexmark.com

4.2 Graphical illustration of material's and component's location



Please note: Graphic illustrations contained in this document may differ slightly from actual components

4.3 Disclaimer

Statement on WEEE Bromine Levels

Manufacturer is compliant with the European Directive 2012/19/EU and European Commission's mandated technical specification CLC/TS 50625-3-1:2015 stating that plastic containing brominated flame retardants (BFR) must be removed from any separately collected WEEE (Article 8, Annex VII) if total bromine concentration in the fraction is known to be >2000 ppm, or expected to be >2000 ppm, or if it is not declared. Concentrations of bromine <2000 ppm are acceptable for reuse and do not require separation, so that the re-use and recycling of components or whole appliances is not hindered per Annex II, Section 3 of the WEEE Directive (2002/96/EU), and Annex VII, Section 3 of the WEEE Directive (2012/19/EU).

Section 5: Supplies

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

Figure 5.1: Toner Cartridge

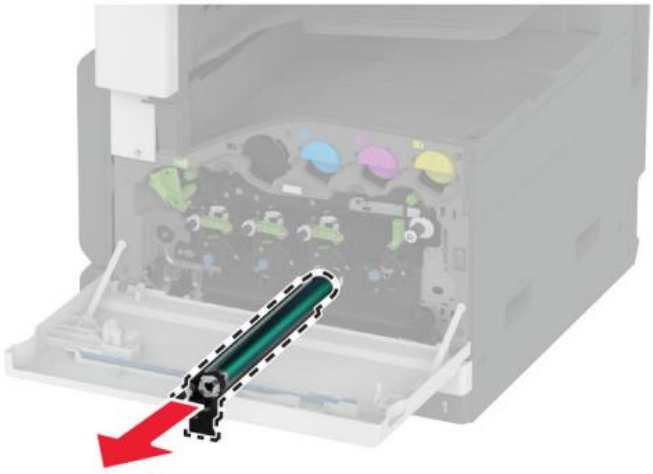


Figure 5.2: Photoconductor Unit

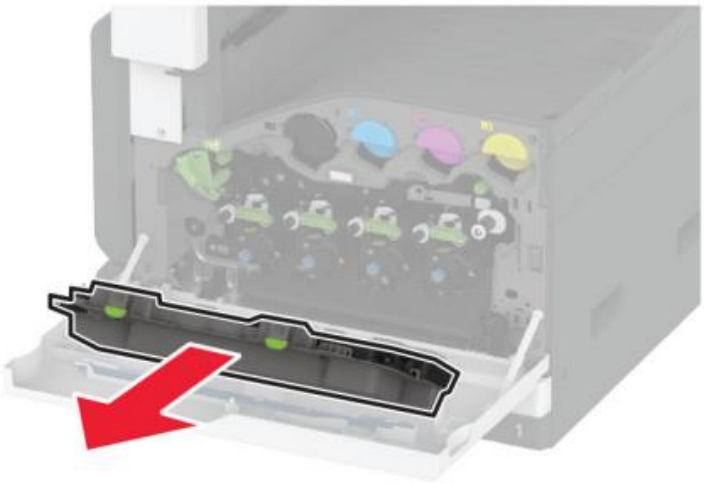
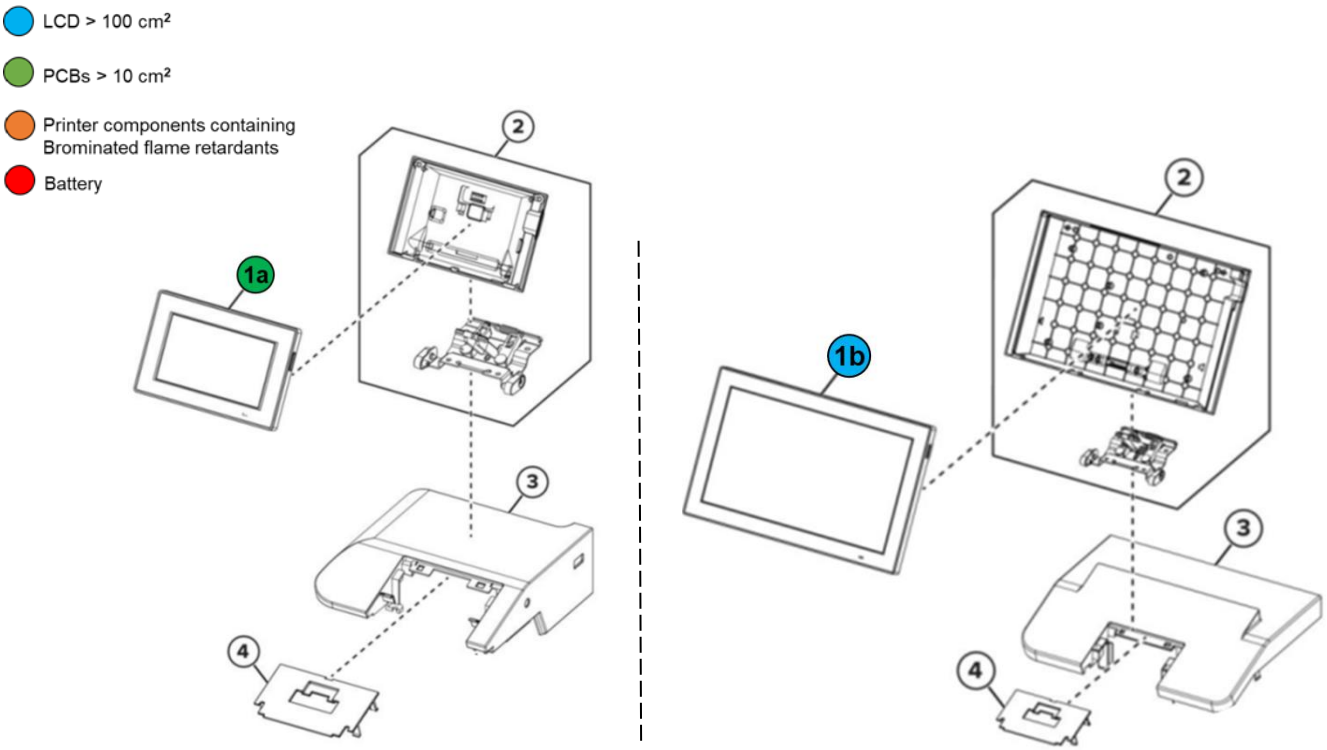


Figure 5.3 Waste Toner Bottle

Table 5: Supplies – Printed Circuit Boards >10cm^2 and Plastic with Brominated flame retardants

Item	Description
Table Component Count *(without options)* LCD>100cm^2 = 0 PCBs>10cm^2 = 0 BFR Plastics = 0 Battery = 0	

Section 6: Control Panel



CS943 4.3" panel **CX94x 10" panel**

Figure 6.1: Control Panel

Table 6: Control Panel - Printed Circuit Boards >10cm² and Plastic with Brominated flame retardants

Item	Description
1a	4.3" LCD Display board within the assembly
1b	10" LCD Display

Table Component Count *(without options)*

LCD>100cm² = 1
PCBs>10cm² = 1
BFR Plastics = 0
Battery = 0

Section 7: MPF 2

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

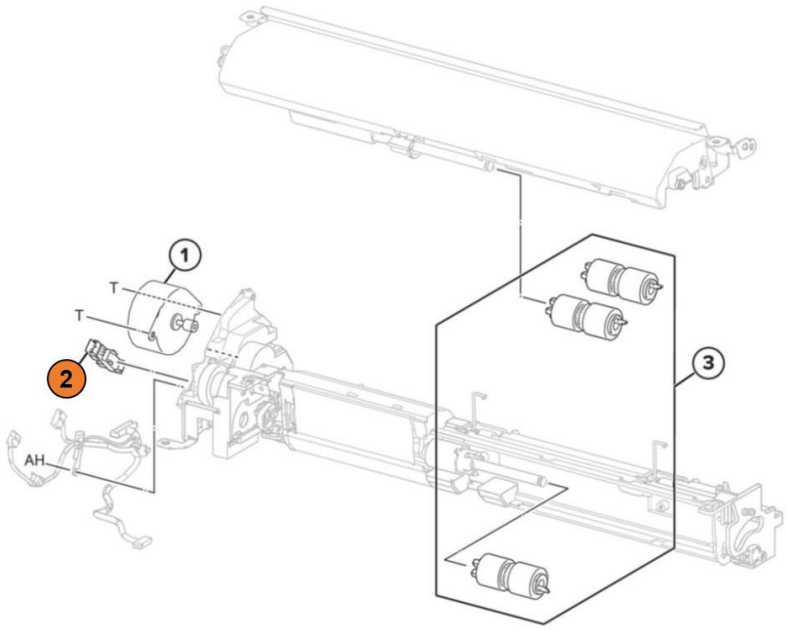


Figure 7.1: MPF 2

Table 7: MPF 2 - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
2	Sensor (pick position)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 1
Battery = 0

Section 8: Fuser 2

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

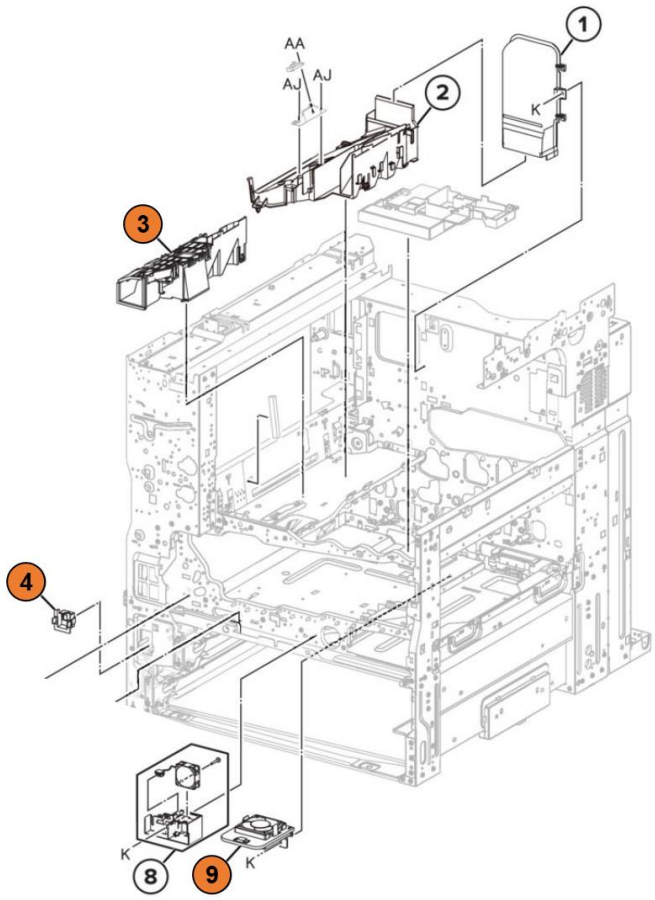


Figure 8.1: Fuser 2

Table 8: Fuser 2 - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
3	Toner cartridge fan
4	Sensor (temperature and humidity)
9	EP area cooling fan (CX94x only)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 3
Battery = 0

Section 9: Fuser 3

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

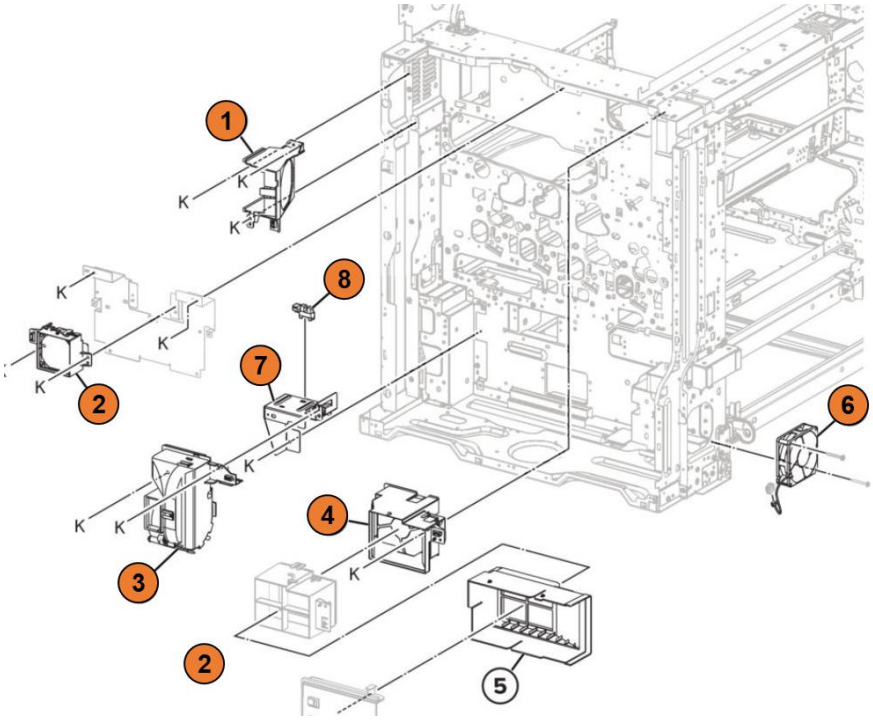


Figure 9.1: Fuser 3

Table 9: Fuser 3 - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
1	Toner cartridge exhaust fan
2	Fuser power supply cooling fan
3	Waste toner bottle exhaust fan (CX94x only)
4	Fuser fan
6	LVPS fan
7	Waste toner bottle guide with sensor
8	Sensor (waste toner bottle position)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 7
Battery = 0

Section 10: Transfer

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

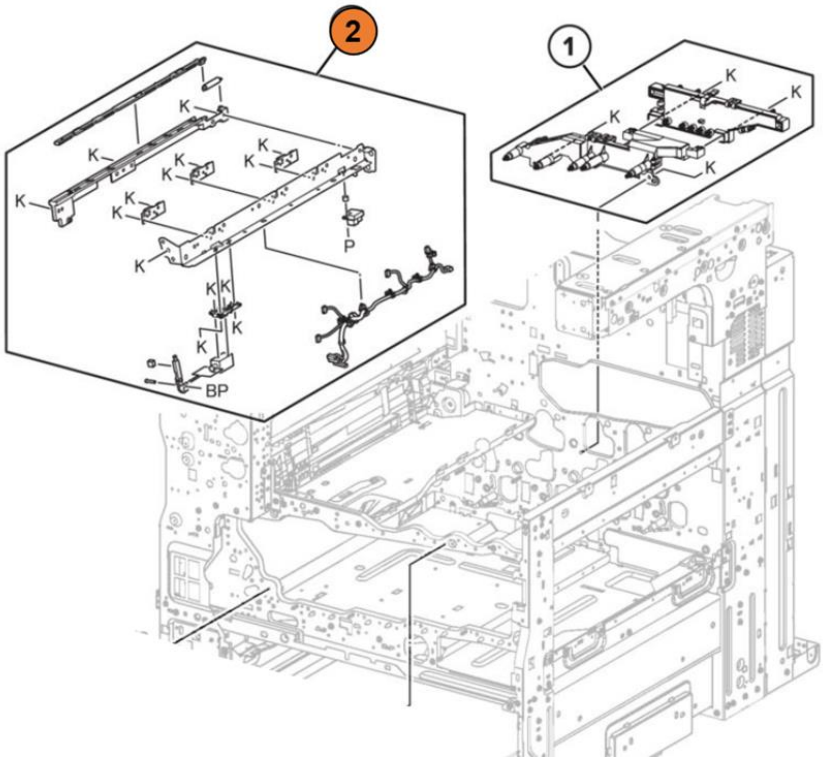


Figure 10.1: Transfer

Table 10: Transfer - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
2	Image density sensor card within the assembly

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 1
Battery = 0

Section 11: Waste Toner 2

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

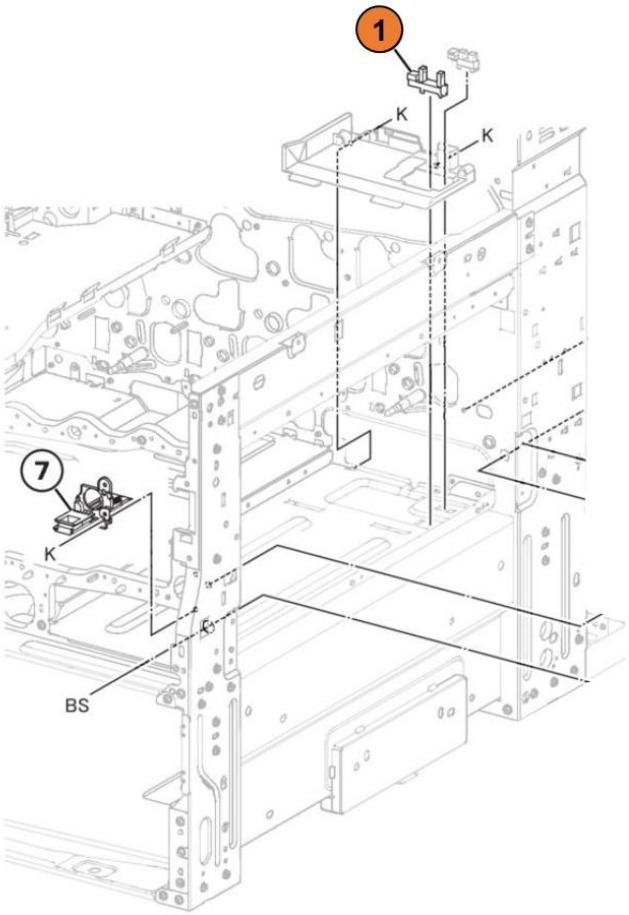


Figure 11.1: Waste Toner 2

Table 11 Waste Toner 2 - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
1	Sensor (waste toner bottle full)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 1
Battery = 0

Section 12: Duplex inner guide

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

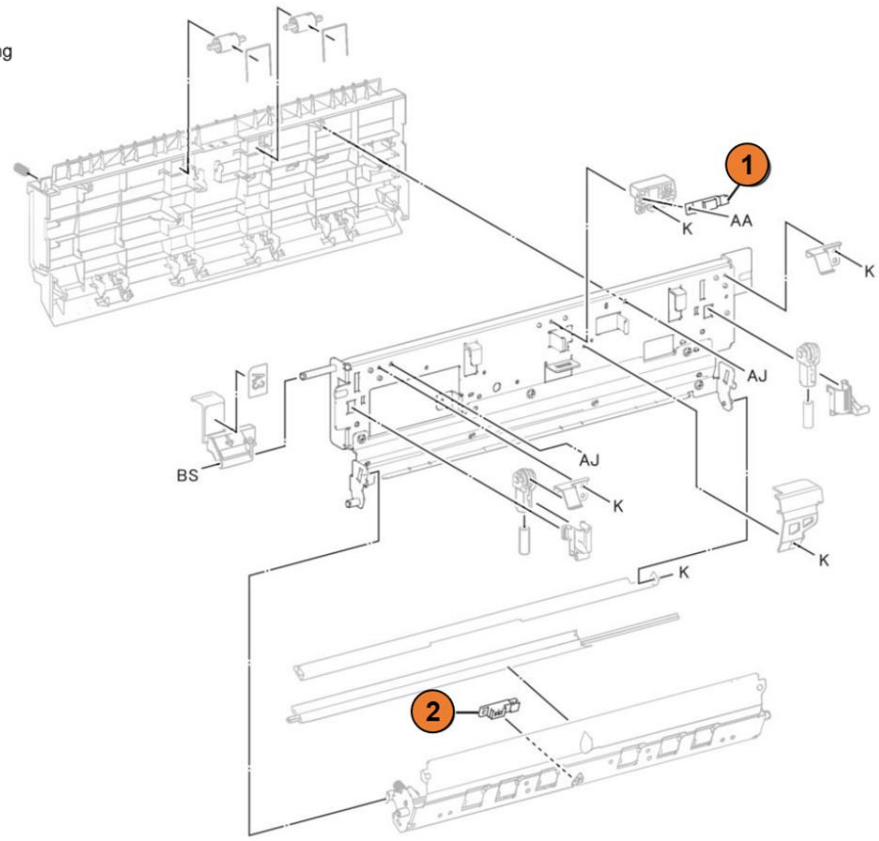


Figure 12.1: Duplex inner guide

Table 12: Duplex inner guide - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
1	Sensor (transfer jam)
2	Sensor (registration)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 2
Battery = 0

Section 13: Printhead

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

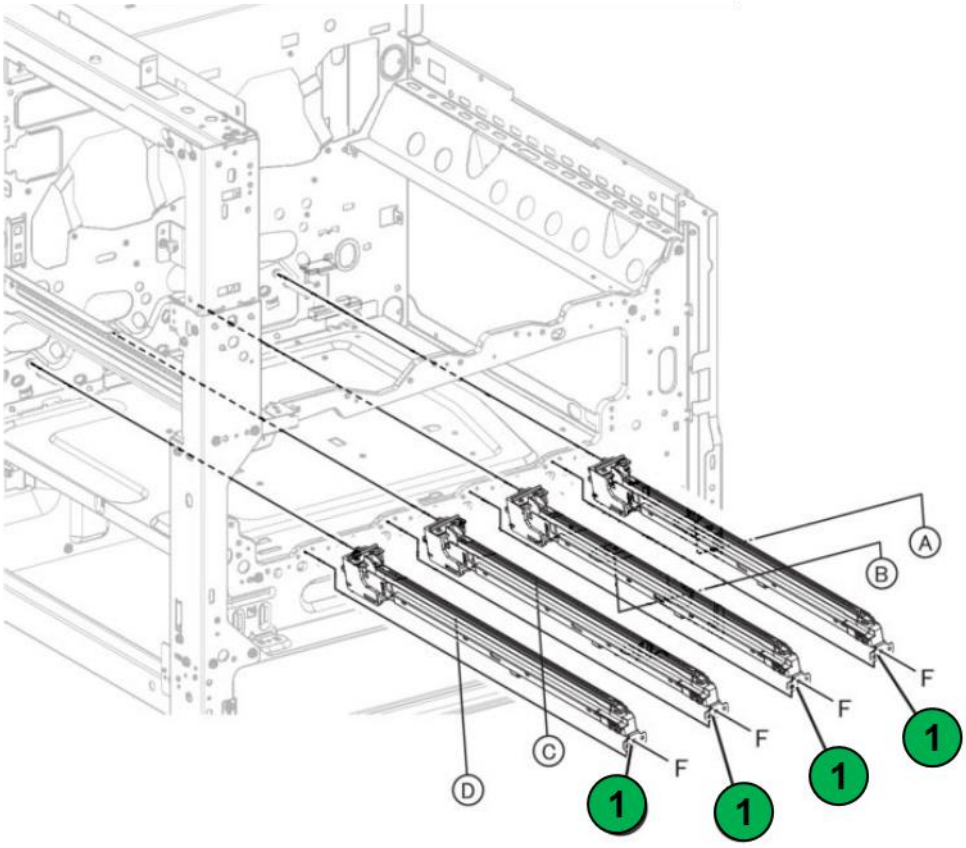


Figure 13.1: Printhead

Table 13: Printhead - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
1	Laser Printhead card in the assembly

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 4
BFR Plastics = 0
Battery = 0

Section 14: Exit 1 transport components

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

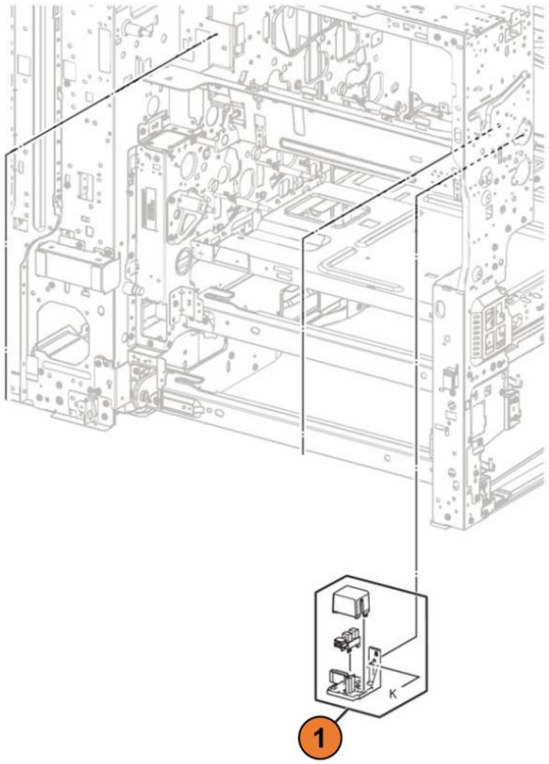


Figure 14.1: Exit 1 transport components

Table 14: Exit 1 transport components - Printed Circuit Boards >10cm^2 and Brominated§ Plastic Components

Item	Description
1	Sensor (bin 1 offset home)

Table Component Count *(without options)*

LCD>100cm^2 = 0
PCBs>10cm^2 = 0
BFR Plastics = 1
Battery = 0

Section 15: Exit 2 transport components 2

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

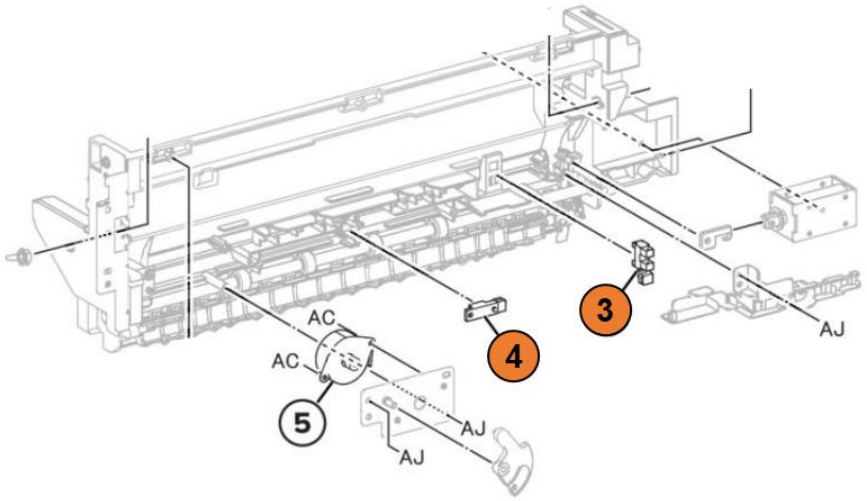


Figure 15.1: Exit 2 transport components 2

Table 15: Exit 2 transport components 2 - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
3	Sensor (bin 2 offset home)
4	Sensor (bin 2 exit)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 2
Battery = 0

Section 16: Electronics (rear 1)

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

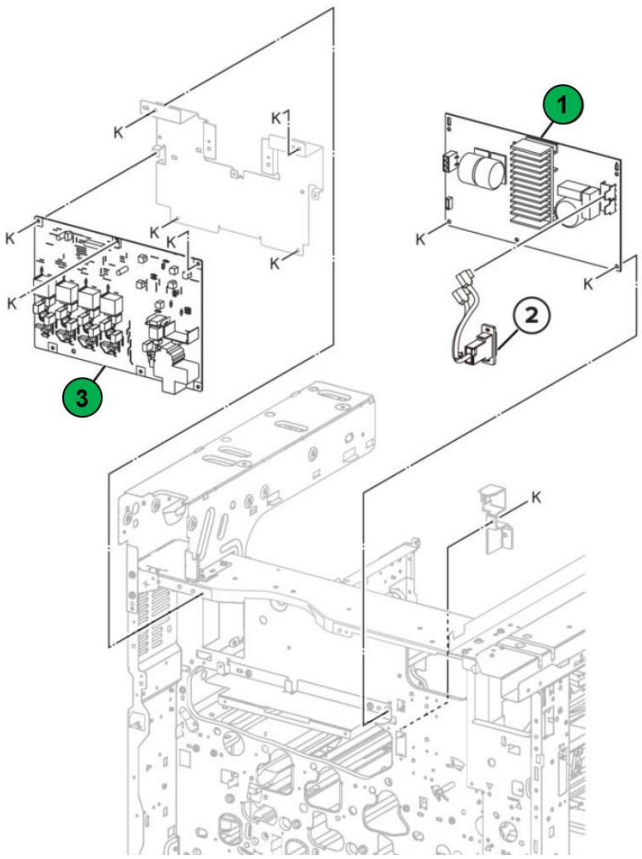


Figure 16.1: Electronics (rear 1)

Table 16: Electronics (rear 1) - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
1	Induction heater power supply
3	Transfer roller HVPS

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 2
BFR Plastics = 0
Battery = 0

Section 17: Electronics (rear 2)

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

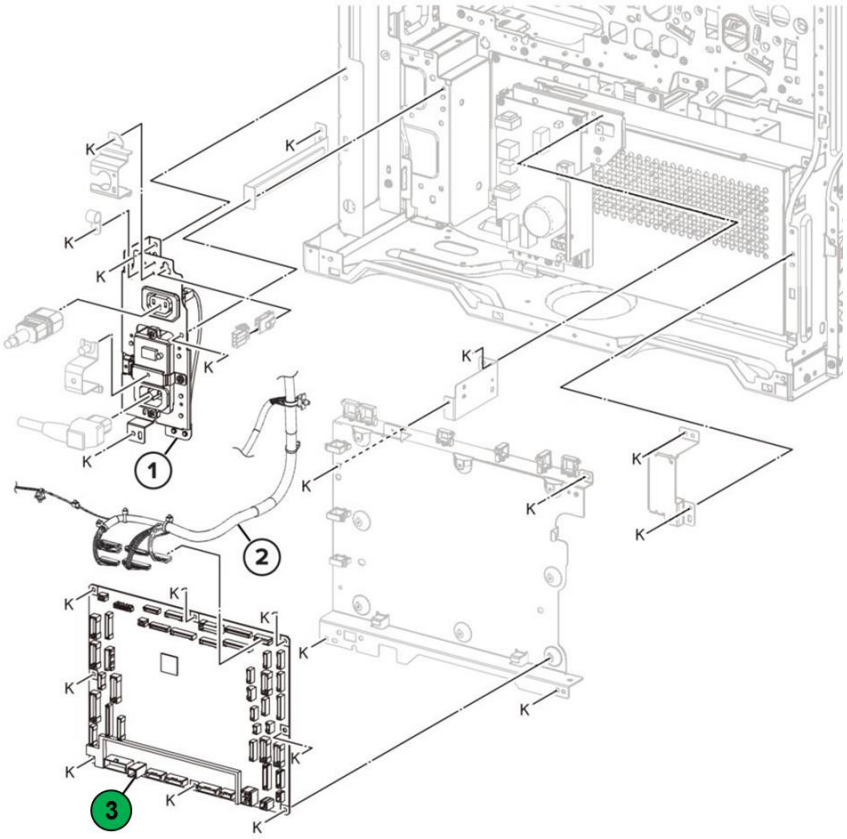


Figure 17.1: Electronics (rear 2)

Table 17: Electronics (rear 2) - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
3	Engine board

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 1
BFR Plastics = 0
Battery = 0

Section 18: Electronics (rear 3)

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

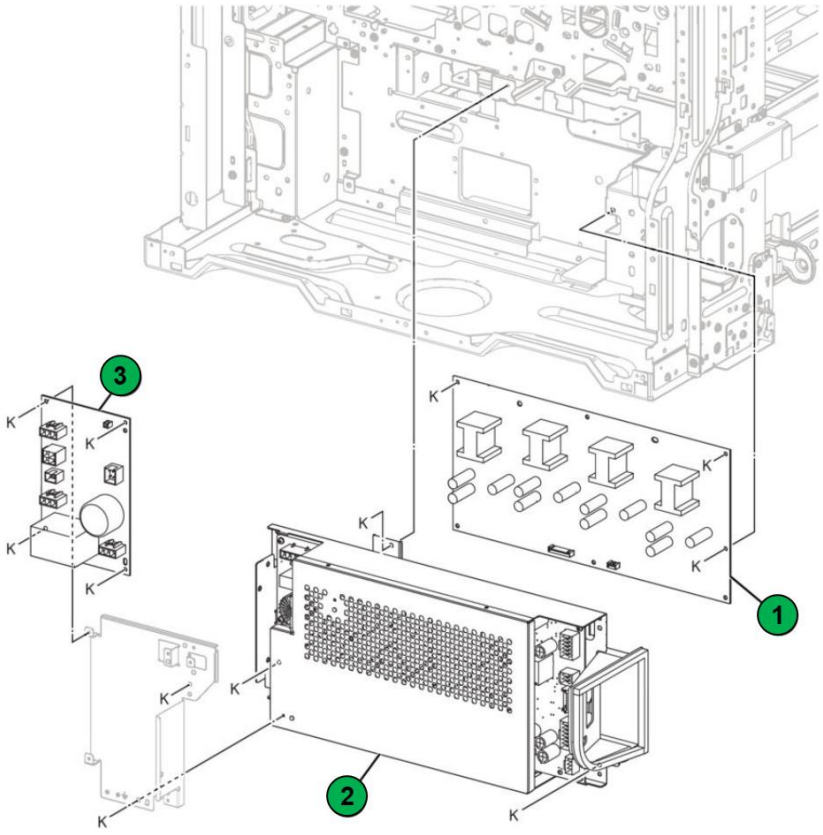


Figure 18.1: Electronics (rear 3)

Table 18: Electronics (rear 3) - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
1	Developer HVPS
2	LVPS
3	AC drive board

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 3
BFR Plastics = 0
Battery = 0

Section 19: Controller board chassis 2

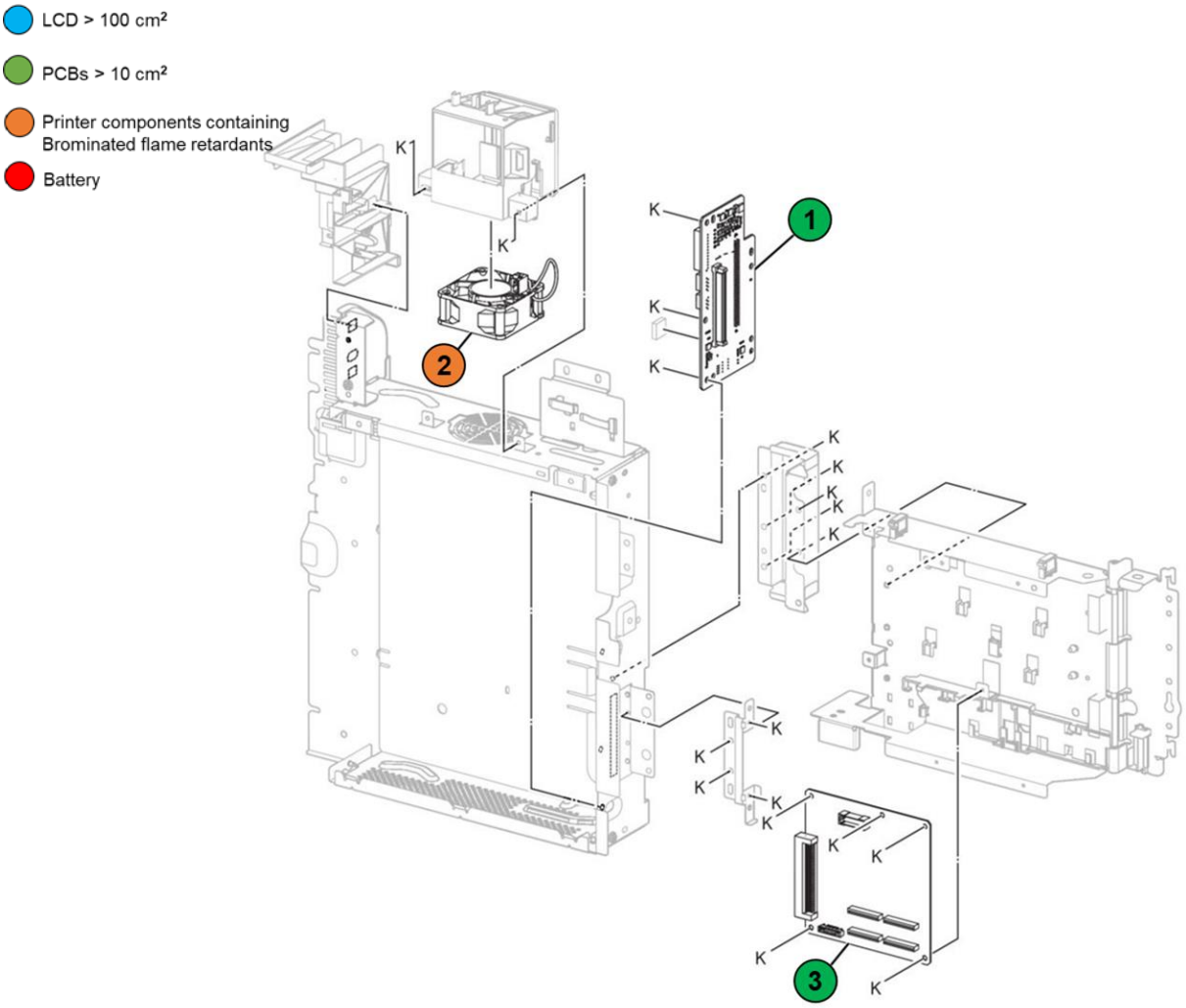


Figure 19.1: Controller board chassis 2

Table 19: Controller board chassis 2 - Printed Circuit Boards >10cm^2 and Brominated§ Plastic Components

Item	Description
5	Black plane card
8	Controller board fan
NS	MCU relay board within the assembly
NS	MCU board within the assembly

Table Component Count *(without options)*

LCD>100cm^2 = 0
PCBs>10cm^2 = 3
BFR Plastics = 1
Battery = 0

Note: NS = Not Shown

Section 20: Electronics (front-right)

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

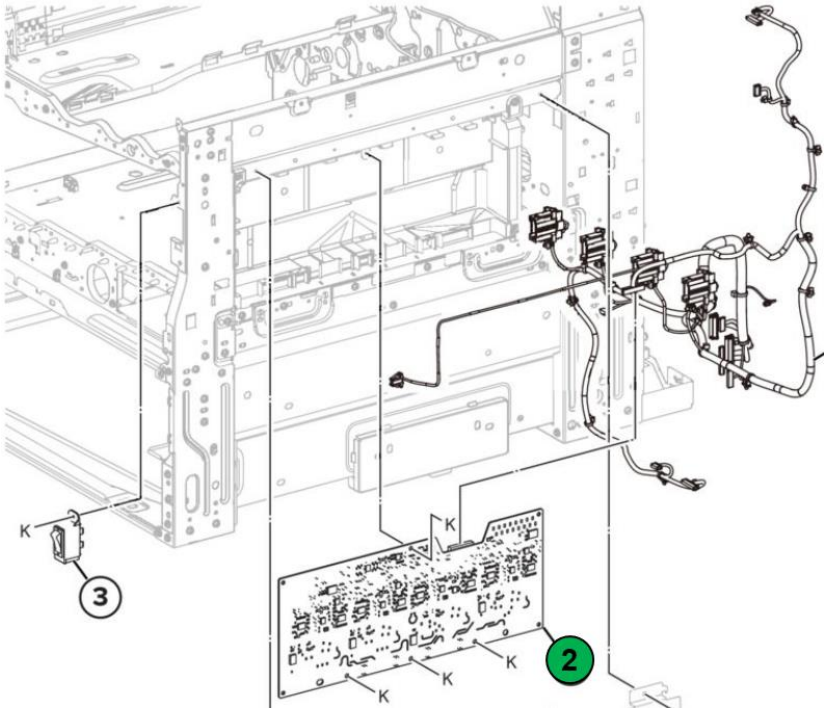


Figure 20.1: Electronics (front-right)

Table 20: Electronics (front-right) - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
2	Charge roller HVPS

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 1
BFR Plastics = 0
Battery = 0

Section 21: Printer covers 4

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

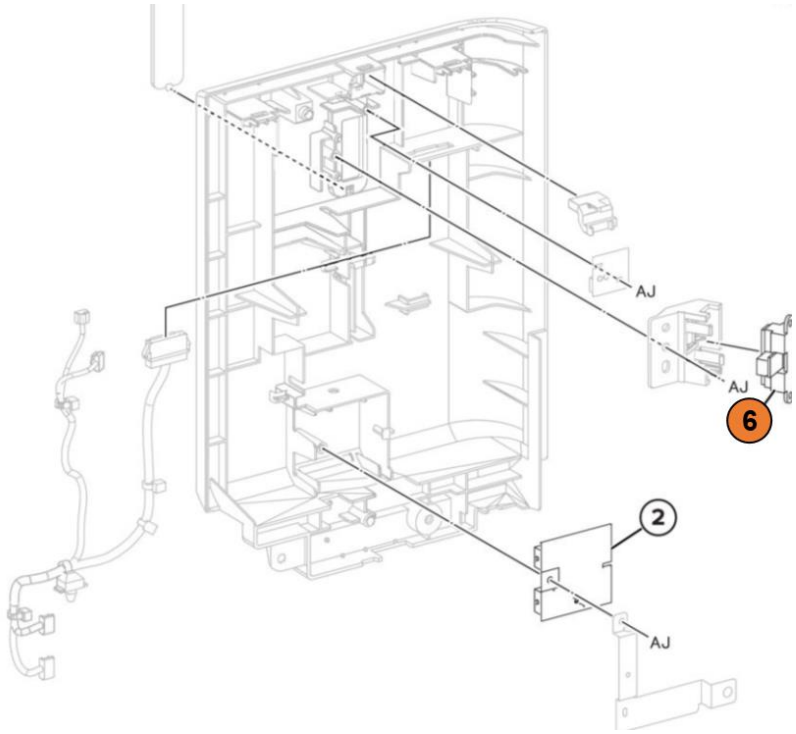


Figure 21.1: Printer covers 4

Table 21: Printer covers 4 - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
6	Sensor (motion) (CX94x only)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 1
Battery = 0

Section 22: Controller board

- LCD > 100 cm²
- PCBs > 10 cm²
- Printer components containing Brominated flame retardants
- Battery

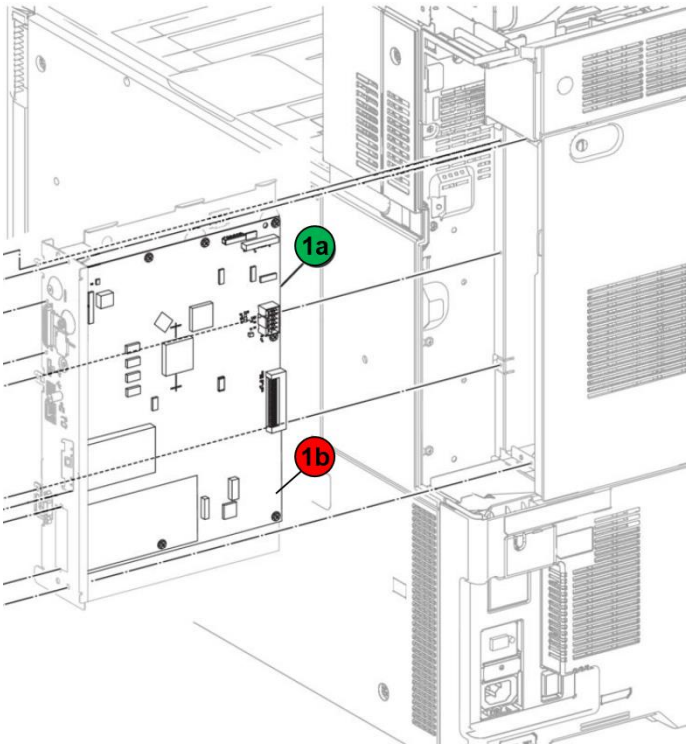


Figure 22.1: Controller board

Table 22: Controller board - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
1a	Controller board
1b	Coin cell battery within the assembly

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 1
BFR Plastics = 0
Battery = 1

Section 23: CX94x Flatbed scanner CCD lens

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

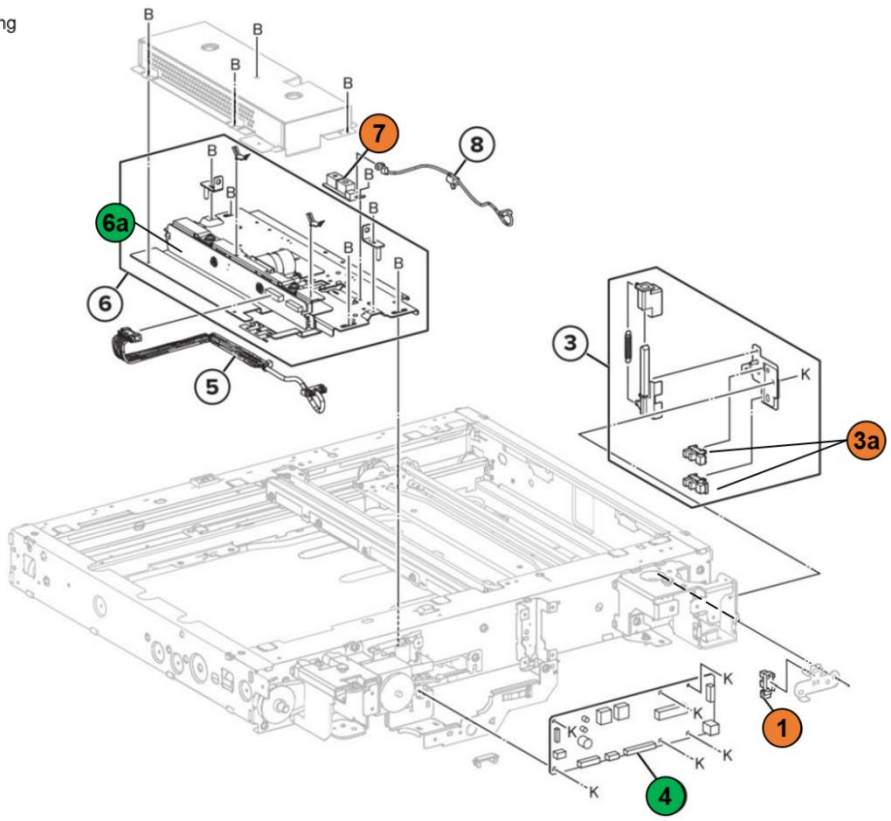


Figure 23.1: CX94x Flatbed scanner CCD lens

Table 23: CX94x Flatbed scanner CCD lens - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
1	Sensor (scanner registration)
3a	ADF angle actuator sensor x2
4	Scanner controller board
6a	Scanner CCD module board within the assembly
7	Sensor (scanner paper size)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 2
BFR Plastics = 4
Battery = 0

Section 24: CX94x ADF electronics

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

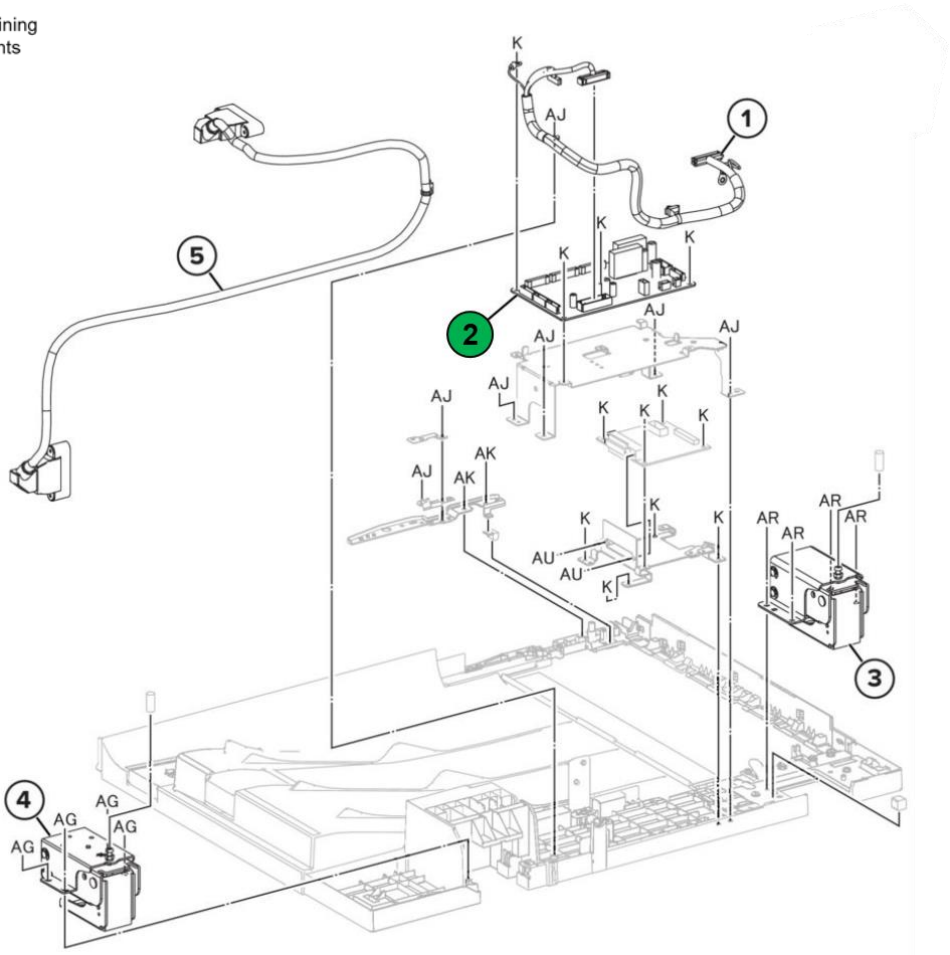


Figure 24.1: CX94x ADF electronics

Table 24: CX94x ADF electronics - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
2	ADF controller board

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 1
BFR Plastics = 0
Battery = 0

Section 25: CX94x ADF sensor components

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

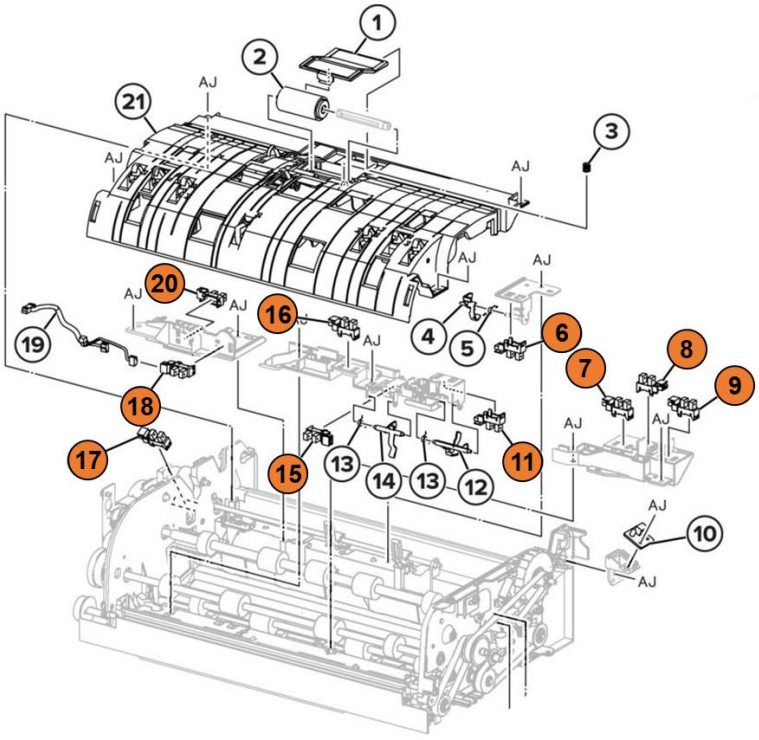


Figure 25.1: CX94x ADF sensor components

Table 25: CX94x ADF sensor components - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
6	Sensor (ADF exit)
7	Sensor (ADF mixed paper width 1)
8	Sensor (ADF mixed paper width 2)
9	Sensor (ADF mixed paper width 3)
11	Sensor (ADF scan out)
15	Sensor (ADF scan)
16	Sensor (ADF registration)
17	Sensor (ADF paper present)
18	Sensor (ADF transport)
20	Sensor (ADF feed)
NS	Sensor (ADF multifeed transmit) within the assembly
NS	Sensor (ADF multifeed receive) within the assembly
NS	ADF multifeed card within the assembly

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 12
BFR Plastics = 1
Battery = 0

Note: NS = Not Shown

Section 26: CX94x ADF tray sensors

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

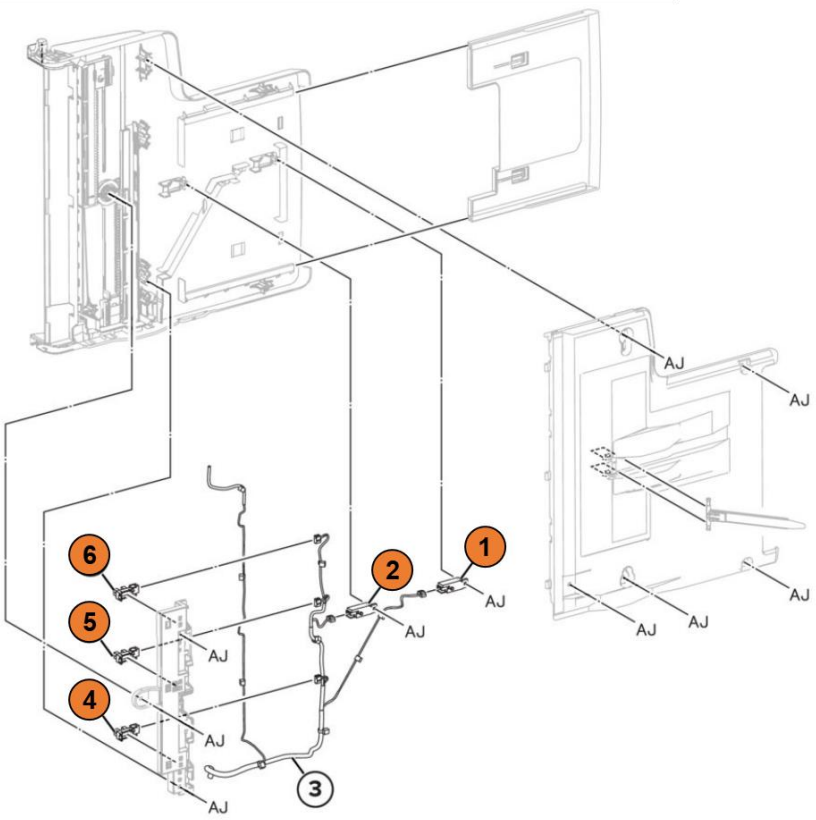


Figure 26.1: CX94x ADF tray sensors

Table 26: CX94x ADF tray sensors - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
1	Sensor (ADF paper length 2)
2	Sensor (ADF paper length 1)
4	Sensor (ADF tray paper width 1)
5	Sensor (ADF tray paper width 2)
6	Sensor (ADF tray paper width 3)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 5
Battery = 0

Section 27: Tray 1 and tray 2

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

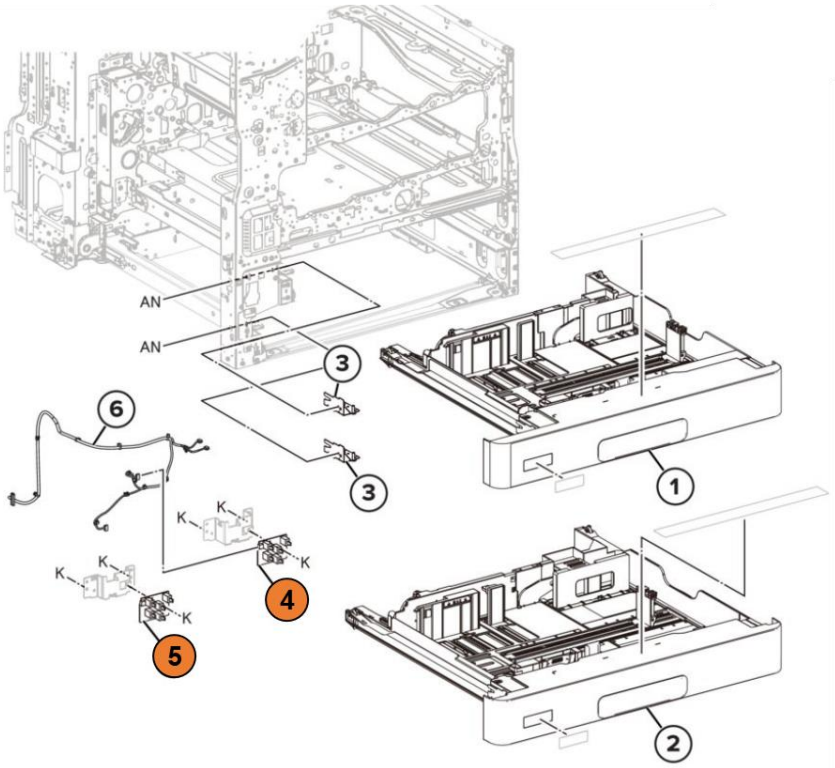


Figure 27.1: Tray 1 and tray 2

Table 27: Tray 1 and tray 2 - Printed Circuit Boards >10cm^2 and Brominated§ Plastic Components

Item	Description
5	Sensor (tray 1 paper size)
4	Sensor (tray 2 paper size)

Table Component Count *(without options)*

LCD>100cm^2 = 0
PCBs>10cm^2 = 0
BFR Plastics = 2
Battery = 0

Section 28: Tray paper feed

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

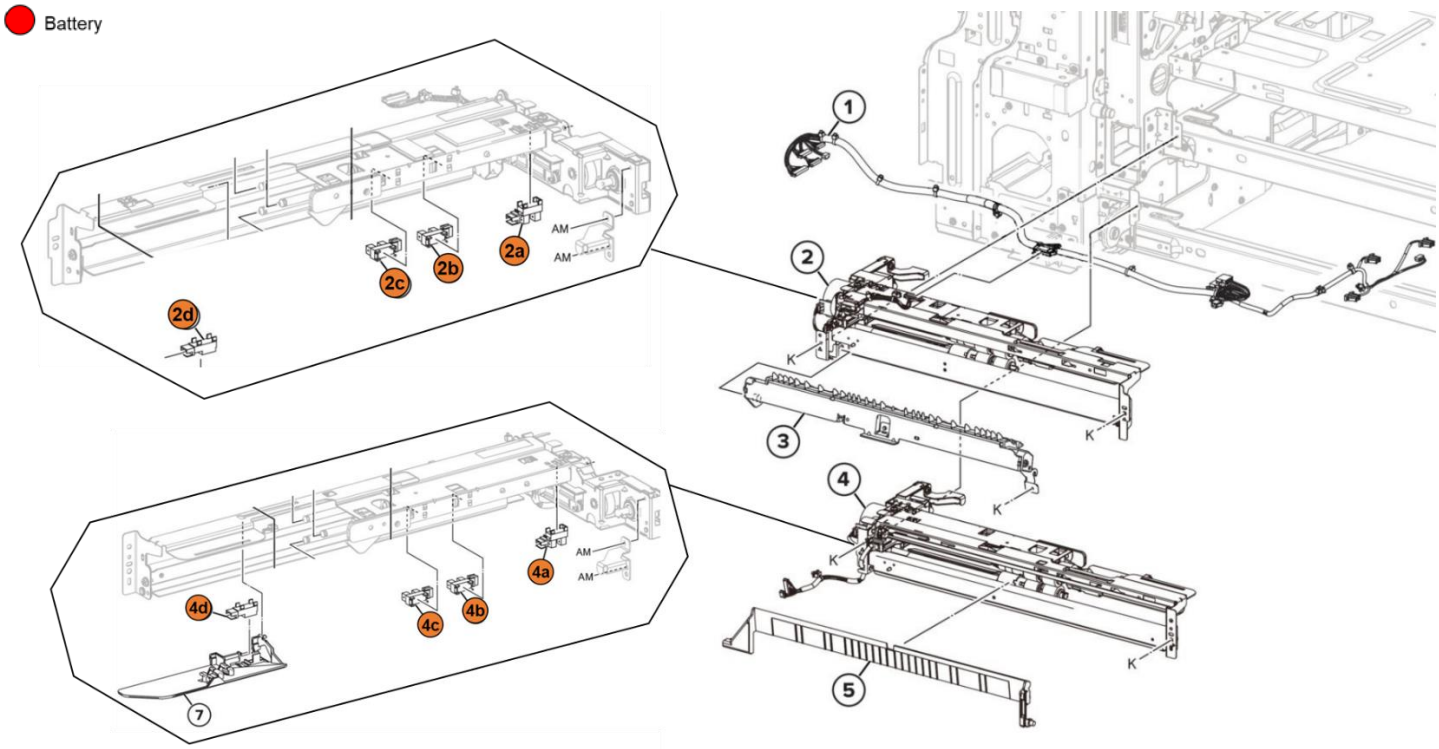


Figure 28.1: Tray paper feed

Table 28: Tray paper feed- Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
2a	Sensor (tray 1 lift plate level)
2b	Sensor (tray 1 pick position)
2c	Sensor (tray 1 paper present)
2d	Sensor (tray 1 feed)
4a	Sensor (tray 2 lift plate level)
4b	Sensor (tray 2 pick position)
4c	Sensor (tray 2 paper present)
4d	Sensor (tray 2 feed)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 8
Battery = 0

Section 29: CX94x 2 x 520-sheet tray

LCD > 100 cm²

PCBs > 10 cm²

Printer components containing Brominated flame retardants

Battery

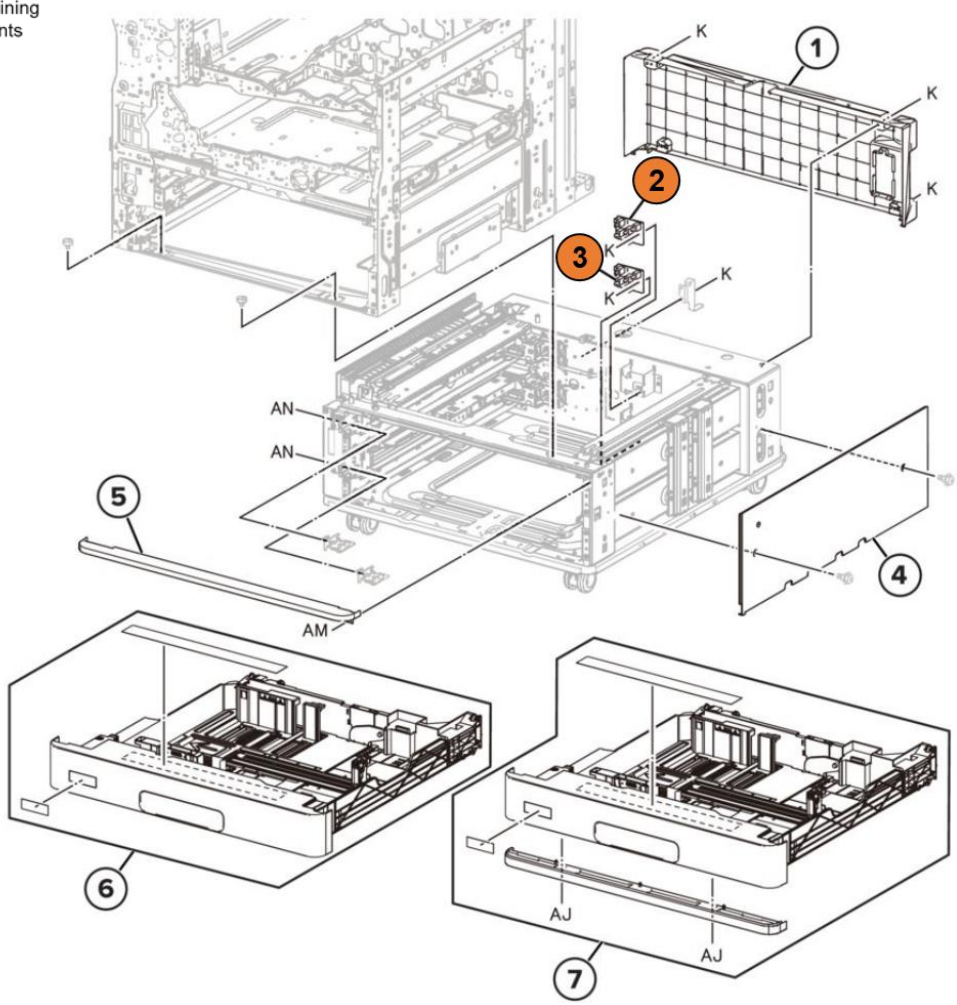


Figure 29.1: CX94x 2 x 520-sheet tray

Table 29: CX94x 2 x 520-sheet tray - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
2	Sensor (2 x 520-sheet tray 4 paper size)
3	Sensor (2 x 520-sheet tray 3 paper size)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 2
Battery = 0

Section 30: CX94x 2 x 520-sheet tray 3 and tray 4 feeder 1

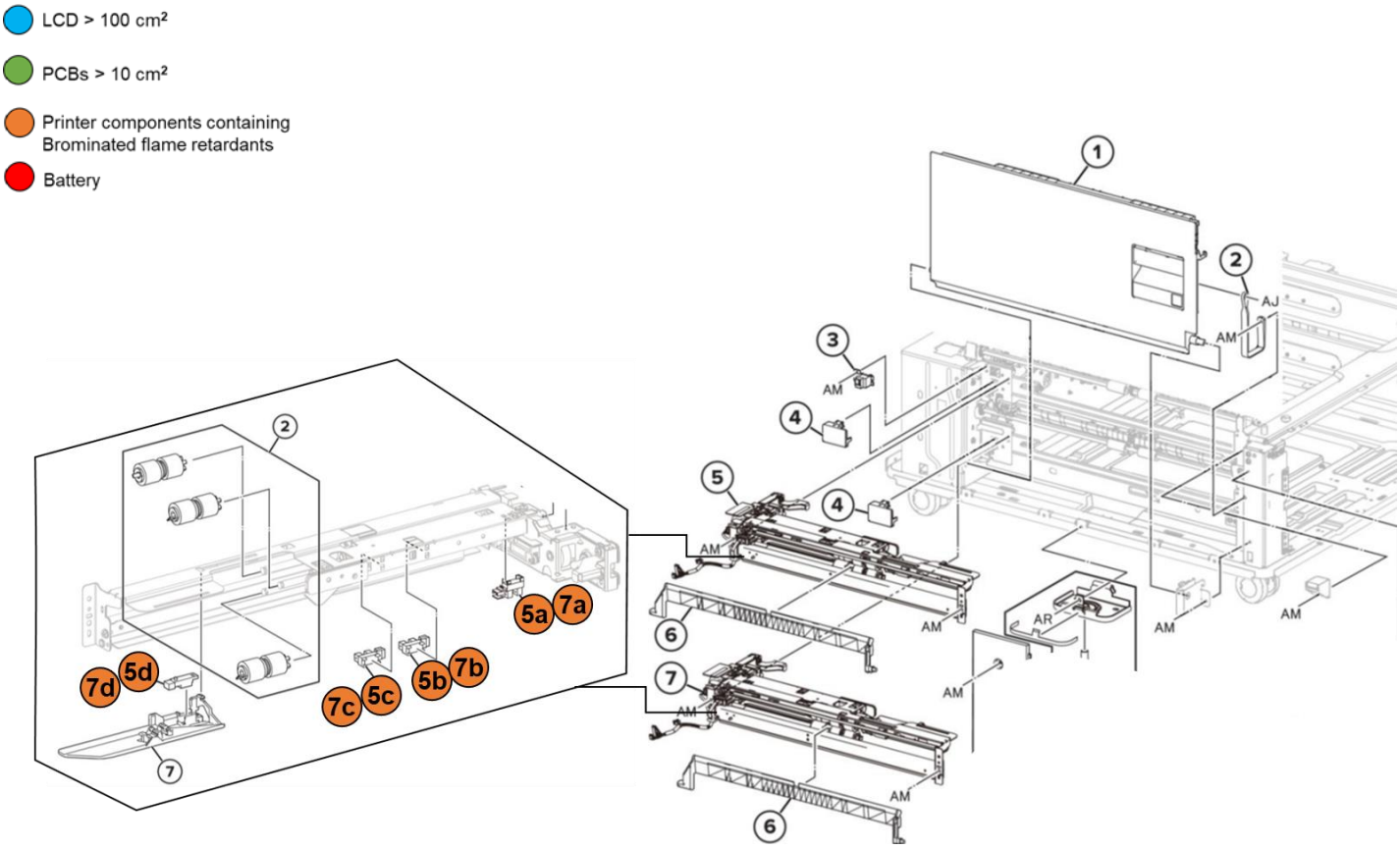


Figure 30.1: CX94x 2 x 520-sheet tray 3 and tray 4 feeder 1

Table 30: CX94x 2 x 520-sheet tray 3 and tray 4 feeder 1 - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
5a	Sensor (2 x 520-sheet tray 3 lift plate level)
5b	Sensor (2 x 520-sheet tray 3 pick position)
5c	Sensor (2 x 520-sheet tray 3 paper present)
5d	Sensor (2 x 520-sheet tray 3 feed)
7a	Sensor (2 x 520-sheet tray 4 lift plate level)
7b	Sensor (2 x 520-sheet tray 4 pick position)
7c	Sensor (2 x 520-sheet tray 4 paper present)
7d	Sensor (2 x 520-sheet tray 4 feed)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 8
Battery = 0

Section 31: CX94x 2000-sheet tandem tray transport and feed

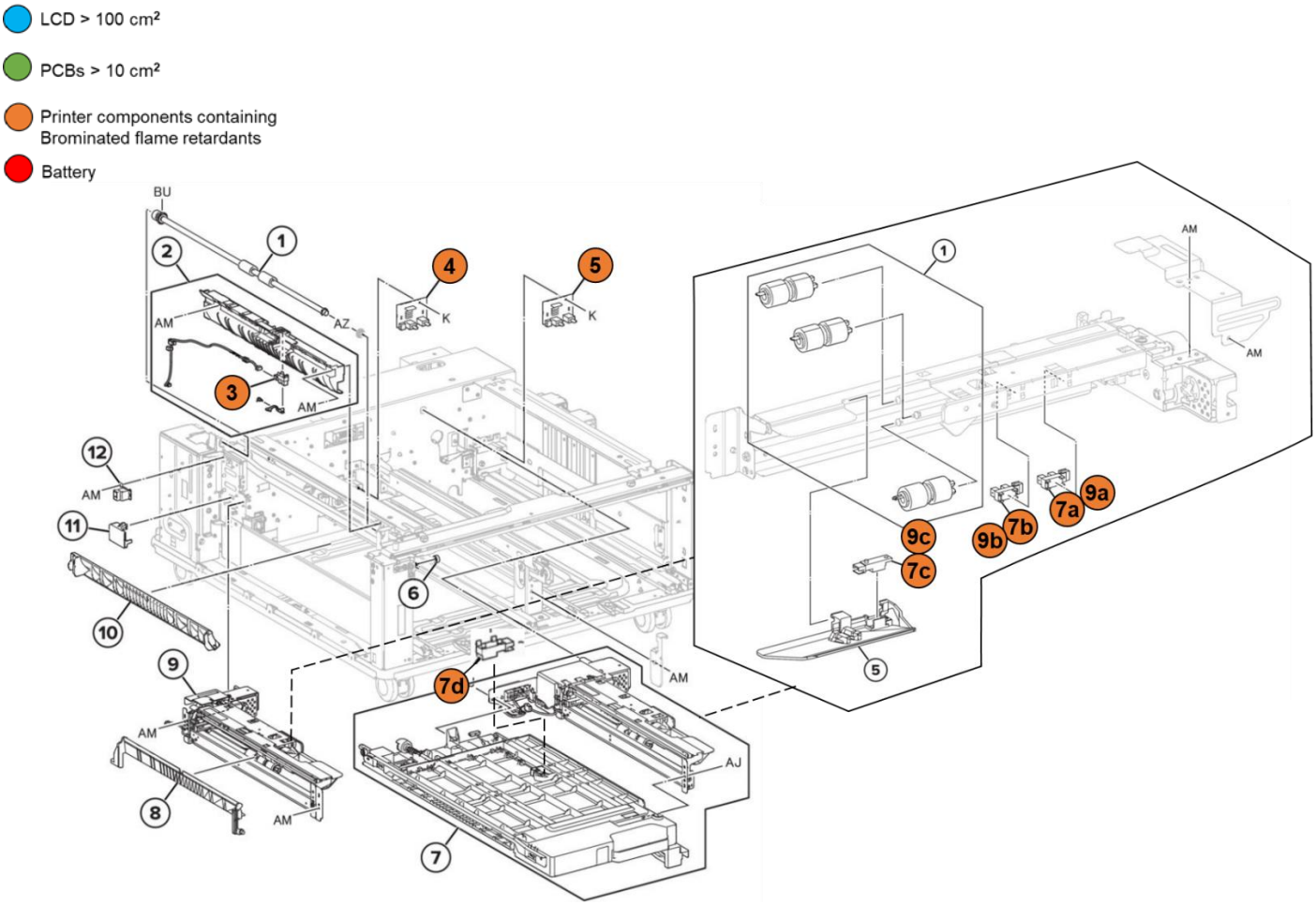


Figure 31.1: CX94x 2000-sheet tandem tray transport and feed

Table 31: CX94x 2000-sheet tandem tray transport and feed - Printed Circuit Boards >10cm² and Brominated§ Plastic Components

Item	Description
3	Sensor (2000-sheet tandem tray transport)
4	Sensor (2000-sheet tandem tray 3 paper size)
5	Sensor (2000-sheet tandem tray 4 paper size)
7a	Sensor (2000-sheet tandem tray 3 pick position)
7b	Sensor (2000-sheet tandem tray 3 paper present)
7c	Sensor (2000-sheet tandem tray 3 feed)
7d	Sensor (2000-sheet tandem tray 4 horizontal transport)
9a	Sensor (2000-sheet tandem tray 4 pick position)
9b	Sensor (2000-sheet tandem tray 4 paper present)
9c	Sensor (2000-sheet tandem tray 4 feed)

Table Component Count *(without options)*

LCD>100cm² = 0
PCBs>10cm² = 0
BFR Plastics = 10
Battery = 0

Annex A – Printer components with Brominated Flame Retardants (Page 1 of 4)

Item	Description	Qty	CS943	CX94x adse, XC9445, XC9455, XC9465	CX94x adtse	CX94x adxe	Location
1	Sensor (pick position)	1	X	X	X	X	MPF 2
2	Toner cartridge fan	1	X	X	X	X	Fuser 2
3	Sensor (temperature and humidity)	1	X	X	X	X	Fuser 2
4	EP area cooling fan (CX94x only)	1		X	X	X	Fuser 2
5	Toner cartridge exhaust fan	1	X	X	X	X	Fuser 3
6	Fuser power supply cooling fan	1	X	X	X	X	Fuser 3
7	Waste toner bottle exhaust fan (CX94x only)	1		X	X	X	Fuser 3
8	Fuser fan	1	X	X	X	X	Fuser 3
9	LVPS fan	1	X	X	X	X	Fuser 3
10	Waste toner bottle guide with sensor	1	X	X	X	X	Fuser 3
11	Sensor (waste toner bottle position)	1	X	X	X	X	Fuser 3
12	Image density sensor card	1	X	X	X	X	Transfer
13	Sensor (waste toner bottle full)	1	X	X	X	X	Waste Toner 2
14	Sensor (transfer jam)	1	X	X	X	X	Duplex inner guide
15	Sensor (registration)	1	X	X	X	X	Duplex inner guide
16	Sensor (bin 1 offset home)	1	X	X	X	X	Exit 1 transport components
17	Sensor (bin 2 offset home)	1	X	X	X	X	Exit 2 transport components 2
18	Sensor (bin 2 exit)	1	X	X	X	X	Electronics (rear 1)
19	Controller board fan	1	X	X	X	X	Controller board chassis 2
20	Sensor (motion)	1		X	X	X	Printer covers 4
21	Sensor (scanner registration)	1		X	X	X	Flatbed scanner CCD lens
22	ADF angle actuator sensor x2	2		X	X	X	Flatbed scanner CCD lens
23	Sensor (scanner paper size)	1		X	X	X	Flatbed scanner CCD lens
24	Sensor (ADF exit)	1		X	X	X	ADF sensor components
25	Sensor (ADF mixed paper width 1)	1		X	X	X	ADF sensor components

Item	Description	Qty	CS943	CX94x adse, XC9445, XC9455, XC9465	CX94x adtse	CX94x adxe	Location
26	Sensor (ADF mixed paper width 2)	1		X	X	X	ADF sensor components
27	Sensor (ADF mixed paper width 3)	1		X	X	X	ADF sensor components
28	Sensor (ADF scan out)	1		X	X	X	ADF sensor components
29	Sensor (ADF scan)	1		X	X	X	ADF sensor components
30	Sensor (ADF registration)	1		X	X	X	ADF sensor components
31	Sensor (ADF paper present)	1		X	X	X	ADF sensor components
32	Sensor (ADF transport)	1		X	X	X	ADF sensor components
33	Sensor (ADF feed)	1		X	X	X	ADF sensor components
34	Sensor (ADF multifeed transmit) within the assembly	1		X	X	X	ADF sensor components
35	Sensor (ADF multifeed receive) within the assembly	1		X	X	X	ADF sensor components
36	Sensor (ADF paper length 2)	1		X	X	X	ADF tray sensors
37	Sensor (ADF paper length 1)	1		X	X	X	ADF tray sensors
38	Sensor (ADF tray paper width 1)	1		X	X	X	ADF tray sensors
39	Sensor (ADF tray paper width 2)	1		X	X	X	ADF tray sensors
40	Sensor (ADF tray paper width 3)	1		X	X	X	ADF tray sensors
41	Sensor (tray 1 paper size)	1	X	X	X	X	Tray 1 and tray 2
42	Sensor (tray 2 paper size)	1	X	X	X	X	Tray 1 and tray 2
43	Sensor (tray 1 lift plate level)	1	X	X	X	X	Tray paper feed
44	Sensor (tray 1 pick position)	1	X	X	X	X	Tray paper feed
45	Sensor (tray 1 paper present)	1	X	X	X	X	Tray paper feed
46	Sensor (tray 1 feed)	1	X	X	X	X	Tray paper feed
47	Sensor (tray 2 lift plate level)	1	X	X	X	X	Tray paper feed
48	Sensor (tray 2 pick position)	1	X	X	X	X	Tray paper feed
49	Sensor (tray 2 paper present)	1	X	X	X	X	Tray paper feed
50	Sensor (tray 2 feed)	1	X	X	X	X	Tray paper feed

Annex A – Printer components with Brominated Flame Retardants (Page 3 of 4)

Item	Description	Qty	CS943	CX94x adse, XC9445, XC9455, XC9465	CX94x adtse	CX94x adxe	Location
51	Sensor (2 x 520-sheet tray 4 paper size)	1		X	X	X	2 x 520-sheet tray
52	Sensor (2 x 520-sheet tray 3 paper size)	1			X		2 x 520-sheet tray 3 and tray 4 feeder 1
53	Sensor (2 x 520-sheet tray 3 lift plate level)	1			X		2 x 520-sheet tray 3 and tray 4 feeder 1
54	Sensor (2 x 520-sheet tray 3 pick position)	1			X		2 x 520-sheet tray 3 and tray 4 feeder 1
55	Sensor (2 x 520-sheet tray 3 paper present)	1			X		2 x 520-sheet tray 3 and tray 4 feeder 1
56	Sensor (2 x 520-sheet tray 3 feed)	1			X		2 x 520-sheet tray 3 and tray 4 feeder 1
57	Sensor (2 x 520-sheet tray 4 lift plate level)	1			X		2 x 520-sheet tray 3 and tray 4 feeder 1
58	Sensor (2 x 520-sheet tray 4 pick position)	1			X		2 x 520-sheet tray 3 and tray 4 feeder 1
59	Sensor (2 x 520-sheet tray 4 paper present)	1			X		2 x 520-sheet tray 3 and tray 4 feeder 1
60	Sensor (2 x 520-sheet tray 4 feed)	1			X		2 x 520-sheet tray 3 and tray 4 feeder 1
61	Sensor (2000-sheet tandem tray transport)	1				X	2000-sheet tandem tray transport and feed
62	Sensor (2000-sheet tandem tray 3 paper size)	1				X	2000-sheet tandem tray transport and feed
63	Sensor (2000-sheet tandem tray 4 paper size)	1				X	2000-sheet tandem tray transport and feed
64	Sensor (2000-sheet tandem tray 3 pick position)	1				X	2000-sheet tandem tray transport and feed
65	Sensor (2000-sheet tandem tray 3 paper present)	1				X	2000-sheet tandem tray transport and feed

Annex A – Printer components with Brominated Flame Retardants (Page 4 of 4)

Item	Description	Qty	CS943	CX94x adse, XC9445, XC9455, XC9465	CX94x adtse	CX94x adxe	Location
66	Sensor (2000-sheet tandem tray 3 feed)	1				X	2000-sheet tandem tray transport and feed
67	Sensor (2000-sheet tandem tray 4 horizontal transport)	1				X	2000-sheet tandem tray transport and feed
68	Sensor (2000-sheet tandem tray 4 pick position)	1				X	2000-sheet tandem tray transport and feed
69	Sensor (2000-sheet tandem tray 4 paper present)	1				X	2000-sheet tandem tray transport and feed
70	Sensor (2000-sheet tandem tray 4 feed)	1				X	2000-sheet tandem tray transport and feed
67	Sensor (2000-sheet tandem tray 4 horizontal transport)	1				X	2000-sheet tandem tray transport and feed
68	Sensor (2000-sheet tandem tray 4 pick position)	1				X	2000-sheet tandem tray transport and feed
69	Sensor (2000-sheet tandem tray 4 paper present)	1				X	2000-sheet tandem tray transport and feed
70	Sensor (2000-sheet tandem tray 4 feed)	1				X	2000-sheet tandem tray transport and feed
	Minimum Count =		27	52	61	62	

Annex B – Printed Circuit Boards >10cm^2

Item	Description	Qty	CS943	CX94x adse, XC9445, XC9455, XC9465	CX94x adtse	CX94x adxe	Location
1	4.3” LCD Display board	1	X				Control Panel
2	10” LCD Display board	1		X	X	X	Control Panel
3	Laser Printhead card	4	X	X	X	X	Printhead
4	Induction heater power supply	1	X	X	X	X	Electronics (rear 1)
5	Transfer roller HVPS	1	X	X	X	X	Electronics (rear 1)
6	Engine board	1	X	X	X	X	Electronics (rear 2)
7	Developer HVPS	1	X	X	X	X	Electronics (rear 3)
8	LVPS	1	X	X	X	X	Electronics (rear 3)
9	AC drive board	1	X	X	X	X	Electronics (rear 3)
10	Black plane card	1	X	X	X	X	Controller board chassis 2
11	MCU relay board within the assembly	1	X	X	X	X	Controller board chassis 2
12	MCU board within the assembly	1	X	X	X	X	Controller board chassis 2
13	Charge roller HVPS	1	X	X	X	X	Electronics (front-right)
14	Controller board	1	X	X	X	X	Controller board
15	Scanner controller board	1		X	X	X	Flatbed scanner CCD lens
16	Scanner CCD module board within the assembly	1		X	X	X	Flatbed scanner CCD lens
17	ADF controller board	1		X	X	X	ADF electronics
18	ADF multifeed card within the assembly	1		X	X	X	ADF sensor components
	Minimum Count =		16	20	20	20	