

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.

The disassembly information for this product has been prepared for use by a recognized treatment or recycling facility and is not intended to be used by others.

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 treatment and recycling facilities.

1. Product information

Model name(s)—Indicate all model name(s) within the product family

| Model name |
|---|
| Lexmark C3224 series – Lexmark C3224dw |
| Lexmark C3326 series – Lexmark C3326dw, Lexmark CS331dw |
| Lexmark MC3224 series – Lexmark MC3224dwe, Lexmark MC3224adwe |
| Lexmark MC3326 series – Lexmark MC3326adwe, Lexmark CX331adwe |

* Add rows as needed

2. Materials and components list for selective treatment

| Items | Quantity | Notes |
|---|----------|--|
| Polychlorinated biphenyls (PCB) containing capacitors | 0 | N/A |
| Mercury containing components, such as switches or backlighting lamps | 0 | N/A |
| Batteries | 1 | Attached in Controller cards in MC3224adwe, MC3326adwe and CX331adwe |
| Printed circuit boards greater than 10 cm ² | multiple | 8 – C3224dw, C3326dw, CS331dw 9 – MC3224dwe (no Fax card) 10 – MC3224adwe, MC3326adwe, CX331adwe For details, see Annex B |
| Toner cartridges, liquid and pasty, as well as colour toner | 5 | 4 – Imaging unit 1 – Waste toner bottle |
| Plastic containing brominated flame retardants | multiple | 16 – C3224dw, C3326dw, CS331dw 17 – MC3224dwe (no Fax card) 17 – MC3224adwe, MC3326adwe, CX331adwe 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 cable 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 (<i>capacitors with height > 25 mm, diameter > 25 mm or proportionately similar volume</i>) | 0 | Capacitor located on Power Supply |

3. Disassembly tools

| Item |
|--|
| #2 Phillips screwdriver, magnetic |
| Wire cutter |
| E-clip puller or small flat-head screwdriver |
| Standard slotted head screwdriver |

4. Disassembly references

4.1. Removal procedure(s)

WEEE materials and components removal procedures are available upon request.

Contact: recycling@lexmark.com

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

1

LCD >100 cm² are identified with cyan-filled boxes

2

PCBs >10 cm² are identified with green-filled boxes

3

Printer components containing Brominated flame retardants are identified with orange-filled boxes

**C3224, C3326, CS331, MC3224, MC3326, CX331 Series
Location**

Supplies

C3224, C3326, CS331 Toner Cartridge



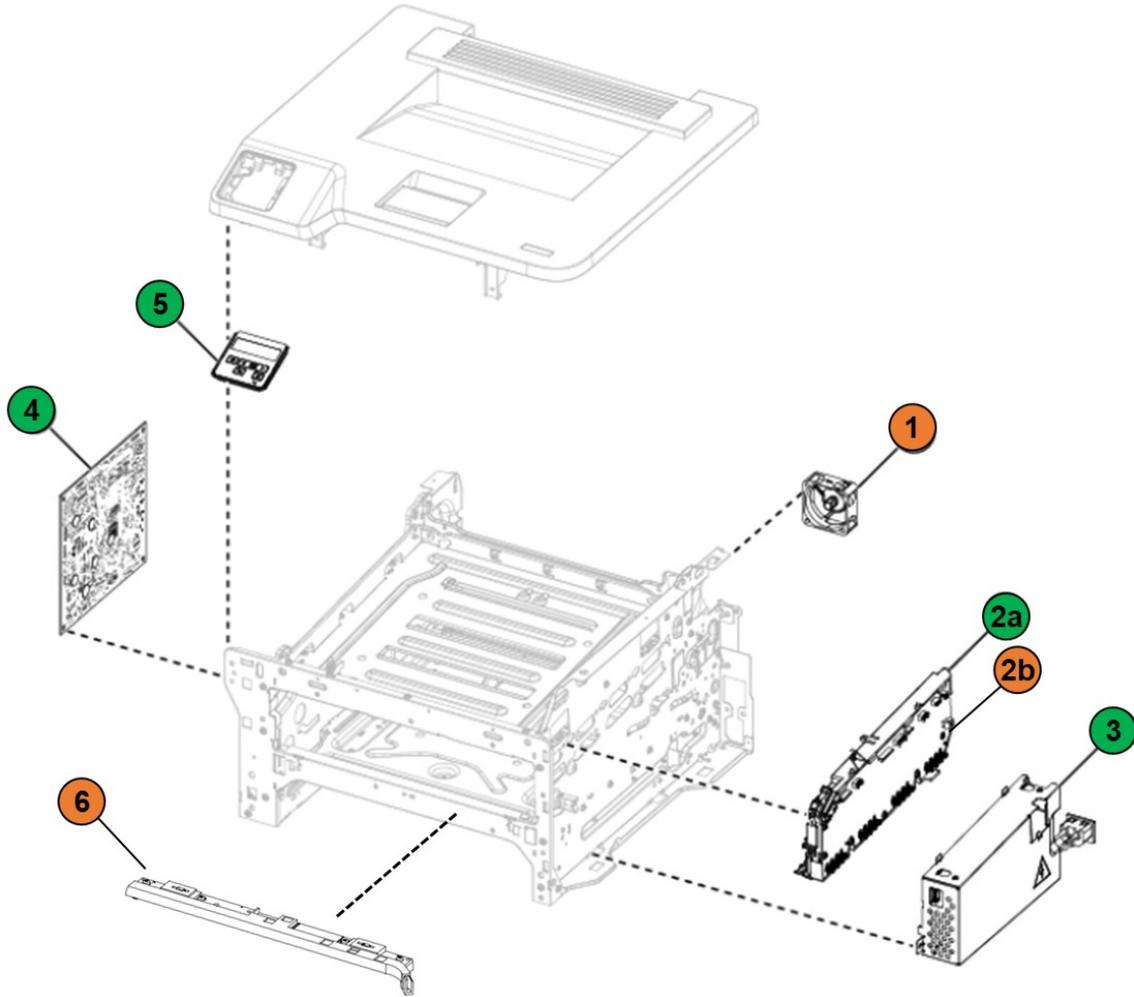
MC3224, MC3326, CX331 Toner Cartridge



C3224, C3326, CS331, MC3224, MC3326, CX331 Series
Location

Printed Circuit Boards >10cm² and Brominated Plastic Components

C3224, C3326 Electronics

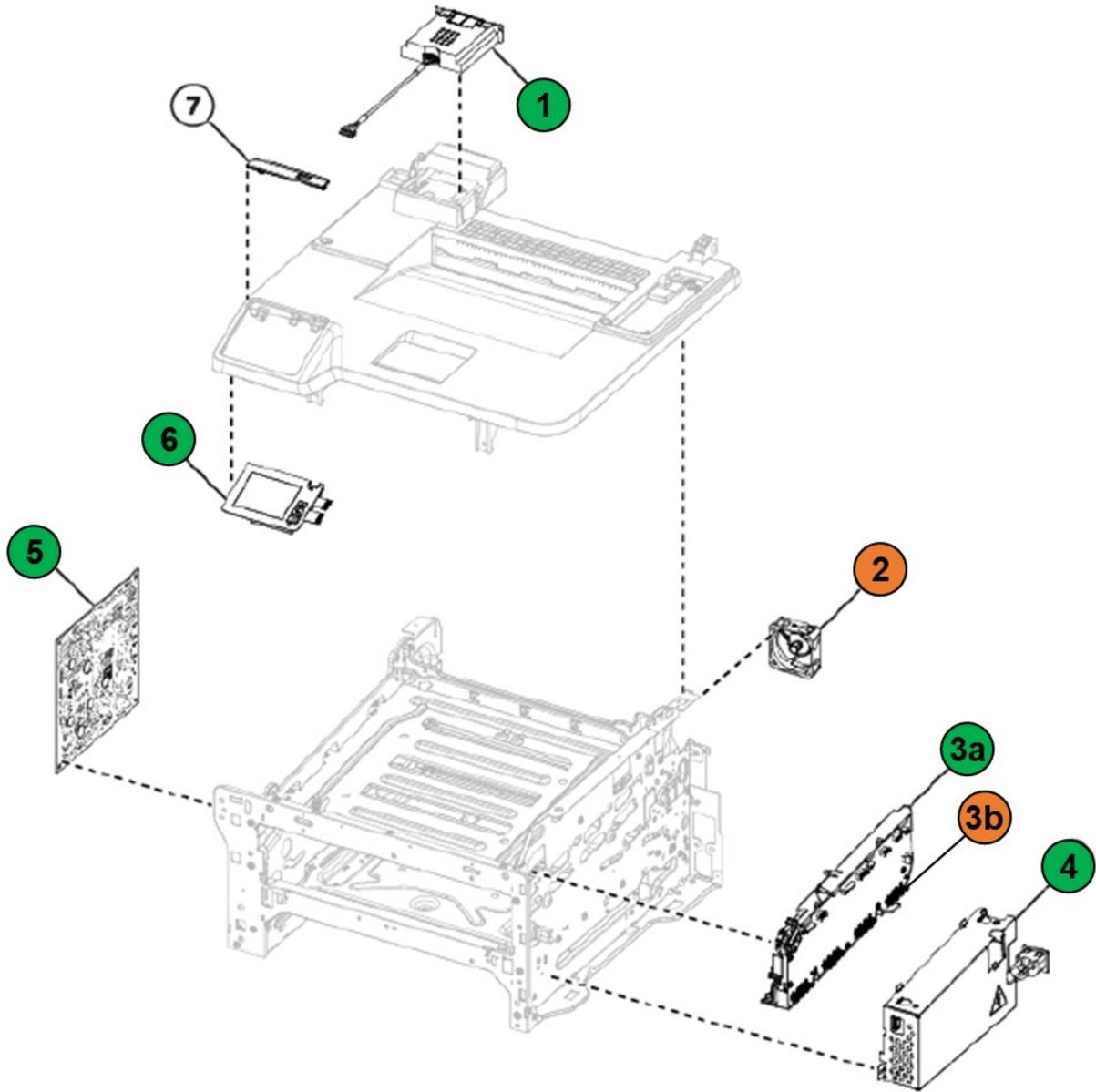


| Index | Description |
|-------|---|
| 1 | Exhaust fan |
| 2a | High voltage power supply |
| 2b | Front cover interlock switch within HVPS assembly |
| 3 | Low voltage power supply |
| 4 | Controller board |
| 5 | Control panel board |
| 6 | TPS sensor asm |

C3224, C3326, CS331, MC3224, MC3326, CX331 Series
Location

Printed Circuit Boards >10cm² and Brominated Plastic Components

MC3224, MC3326, CX331 Electronics

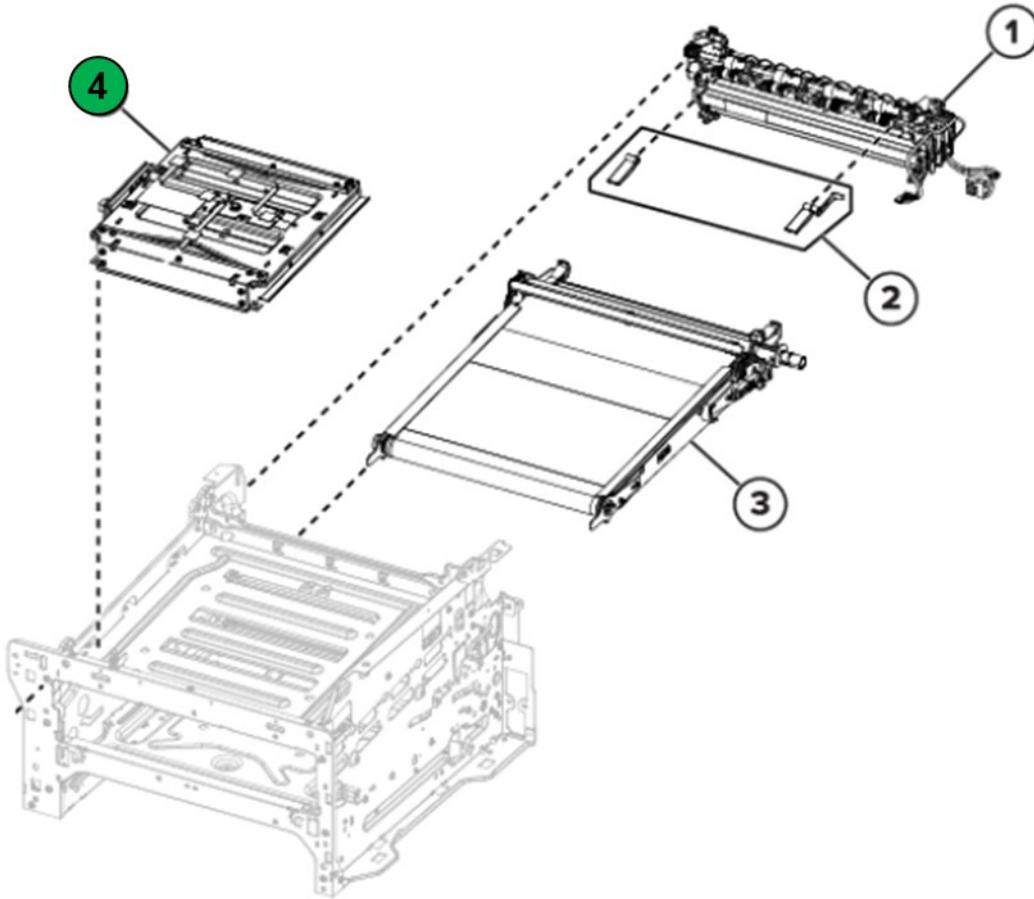


| Index | Description |
|-------|---|
| 1 | Fax card |
| 2 | Exhaust fan |
| 3a | High voltage power supply |
| 3b | Front cover interlock switch within HVPS assembly |
| 4 | Low voltage power supply |
| 5 | Controller board |
| 6 | Control panel board |

C3224, C3326, CS331, MC3224, MC3326, CX331 Series
Location

Printed Circuit Boards >10cm² and Brominated Plastic Components

EP Components

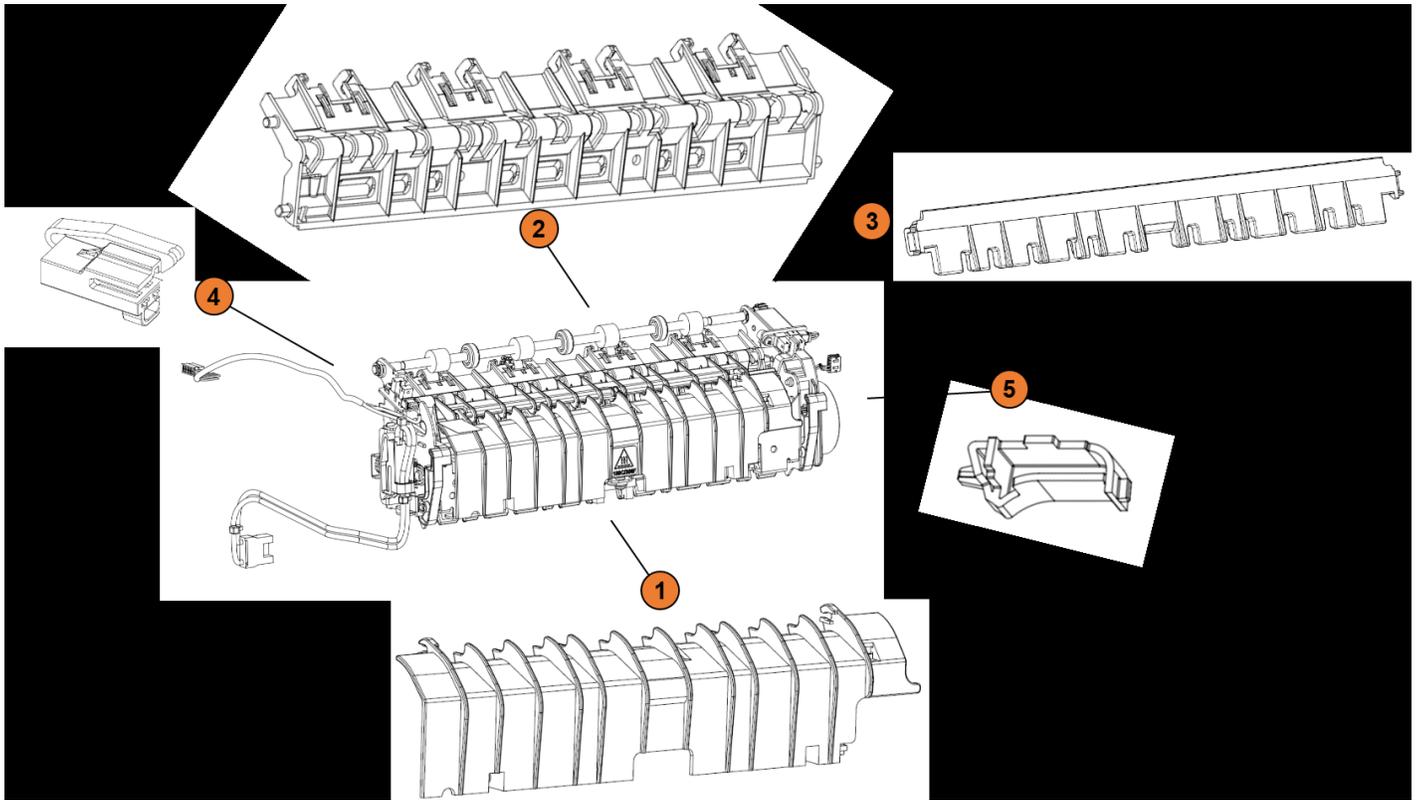


| Index | Description |
|-------|--|
| 1 | Fuser assembly with brominated parts (see next page) |
| 4 | Printhead card within Printhead assembly |

C3224, C3326, CS331, MC3224, MC3326, CX331 Series
Location

Printed Circuit Boards >10cm2 and Brominated Plastic Components

Fuser components

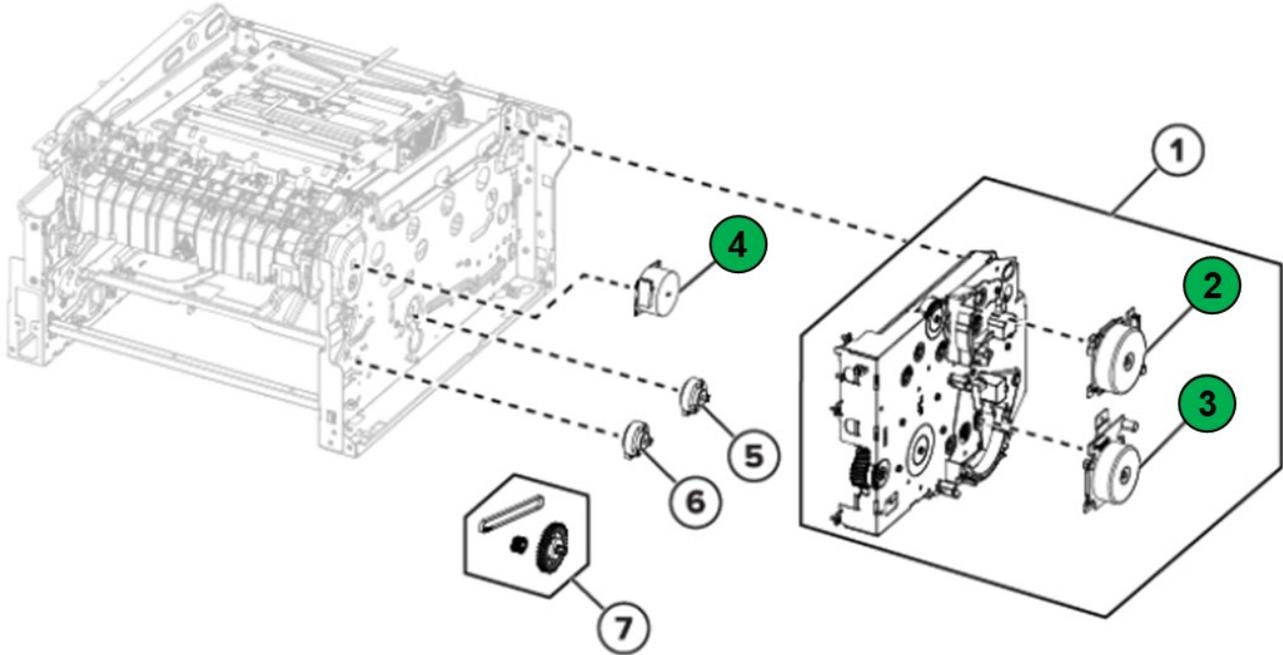


| Index | Description |
|-------|----------------------|
| 1 | Guide-Exit BUR Side |
| 2 | Guide-Exit Belt Side |
| 3 | Guide-Entry |
| 4 | Housing-AC Connector |
| 5 | Shield Heater AC |

C3224, C3326, CS331, MC3224, MC3326, CX331 Series
Location

Printed Circuit Boards >10cm² and Brominated Plastic Components

Main drive

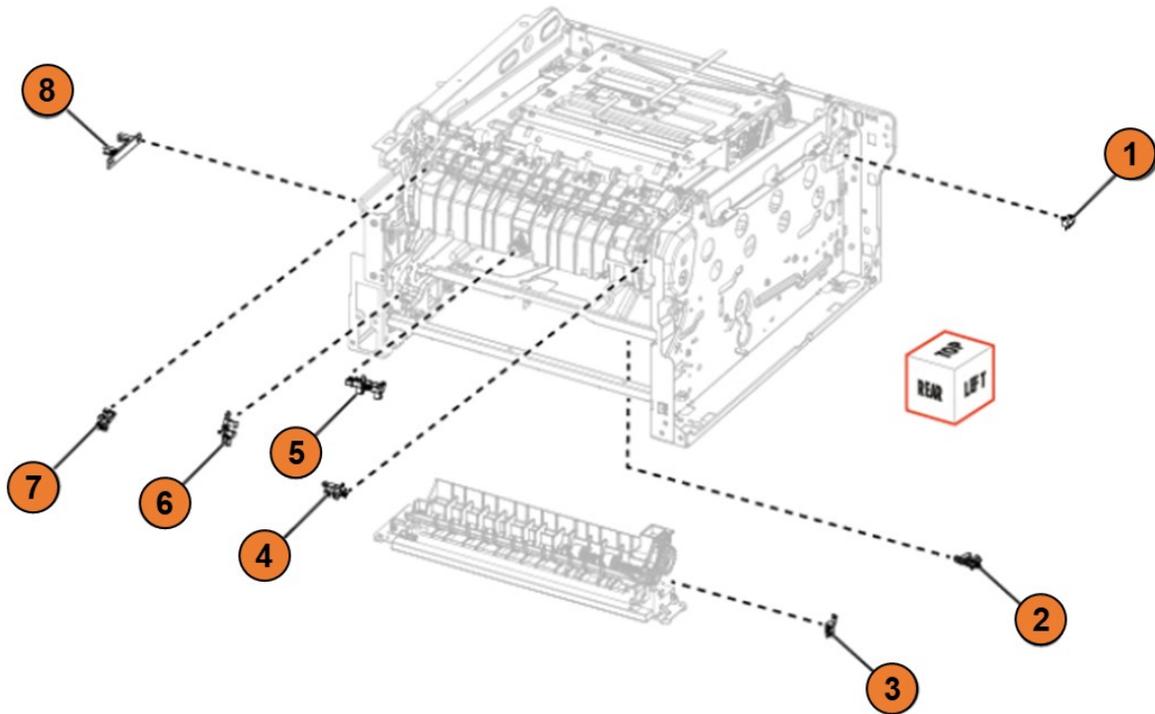


| Index | Description |
|-------|--|
| 2,3 | Motor board within the Main drive assembly |
| 4 | Fuser motor board within the assembly |

C3224, C3326, CS331, MC3224, MC3326, CX331 Series
Location

Brominated Plastic Components

Sensors

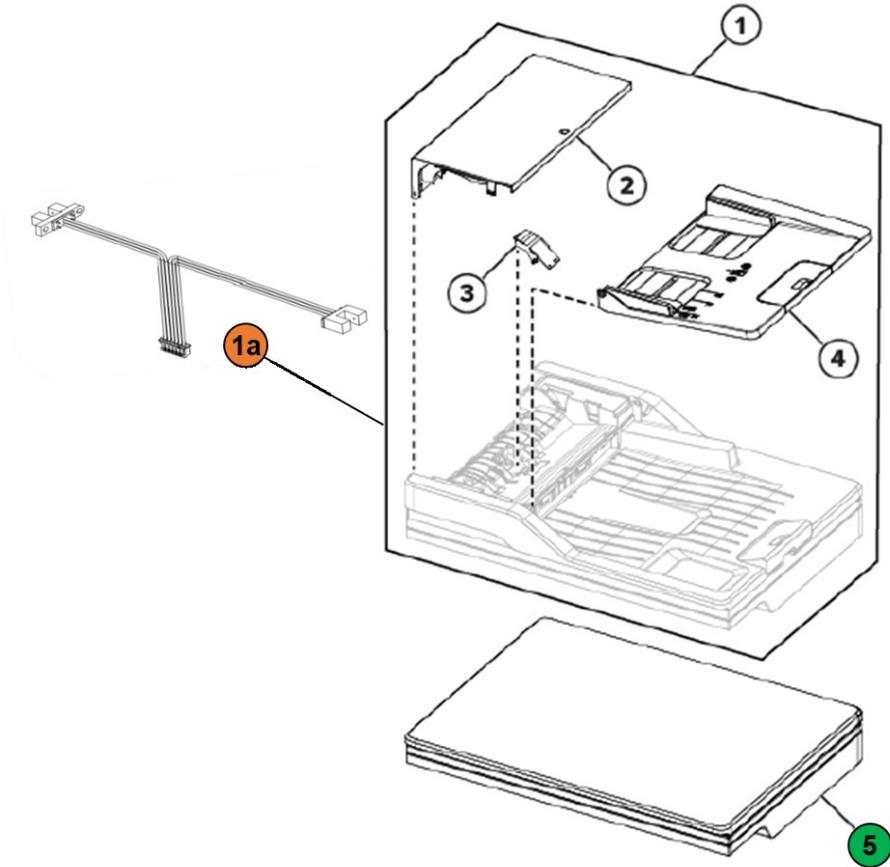


| Index | Description |
|-------|-----------------------------|
| 1 | Printhead interlock switch |
| 2 | Sensor (manual feeder) |
| 3 | Tray interlock switch |
| 4 | Sensor (fuser exit) |
| 5 | Sensor (fuser buckle) |
| 6 | Sensor (input) |
| 7 | Sensor (bin/narrow media) |
| 8 | Sensor (waste toner bottle) |

C3224, C3326, CS331, MC3224, MC3326, CX331 Series
Location

Printed Circuit Boards >10cm² and Brominated Plastic Components

MC3224, MC3326, CX331 Scanner



| Index | Description |
|-------|---|
| 1a | Scanner Photo Interrupt Sensor |
| 5 | CIS bar board within Flatbed scanner assembly |

Annex A – Printer components with Brominated Flame Retardants

| Index | Description | Parts Marking | C3224, C3326, CS331 Qty | MC3224, MC3326, CX331 Qty | Location |
|-------|-----------------------------------|-------------------------|--------------------------------------|--|-----------------------------|
| 1 | Guide-Exit BUR Side | PET-(GF+MD)45 FR(17) | 1 | 1 | Fuser |
| 2 | Guide-Exit Belt Side | PET-(GF+MD)45 FR(17) | 1 | 1 | Fuser |
| 3 | Guide-Entry | PET-(GF+MD)45 FR(17) | 1 | 1 | Fuser |
| 4 | Housing-AC Connector | PET-(GF+MD)45 FR(17) | 1 | 1 | Fuser |
| 5 | Shield Heater AC | PET-(GF+MD)45 FR(17) | 1 | 1 | Fuser |
| 6 | Staging | N/A | 1 | 1 | Sensors |
| 7 | Fuser Bubble | N/A | 1 | 1 | Sensors |
| 8 | Fuser Exit | N/A | 1 | 1 | Sensors |
| 9 | Bin Full | N/A | 1 | 1 | Sensors |
| 10 | Single sheet feeder | N/A | 1 | 1 | Sensors |
| 11 | TPS Sensor Asm | N/A | 2 | 2 | Electronics |
| 12 | WTB Sensor | N/A | 1 | 1 | Sensors |
| 13 | Tray present switch | N/A | 1 | 1 | Sensors |
| 14 | LSU safety interlock switch | N/A | 1 | 1 | Sensors |
| 15 | Cooling Fan | N/A | 1 | 1 | Electronics |
| 16 | Scanner Photo Interrupt Sensor | N/A | 0 | 1 | Scanner |

**C3224, C3326, CS331, MC3224, MC3326, CX331 Series
Location**

Annex B – Printed Circuit Boards >10cm²

| Index | Description | Quantity | Location | C3224, C3326, CS331 | MC3224, MC3326, CX331 |
|-------|-------------------|----------|------------------------------------|---------------------------|-----------------------------|
| 1 | Op Panel-2-Line | 1 | Electronics | X | |
| | Op Panel-E-Task | 1 | Electronics | | X |
| 2 | Scanner CIS Bar | 1 | Flatbed of Scanner | | X |
| 3 | Printhead card | 1 | EP Components | X | X |
| 4 | Controller board | 1 | Electronics | X | X |
| 5 | LVPS | 1 | Electronics | X | X |
| 6 | HVPS | 1 | Electronics | X | X |
| 7 | BLDC Drive Motors | 2 | Main Drive | X | X |
| 8 | Fuser Motor | 1 | EP Components | X | X |
| 9 | Fax card | 1 | Electronics | | X |