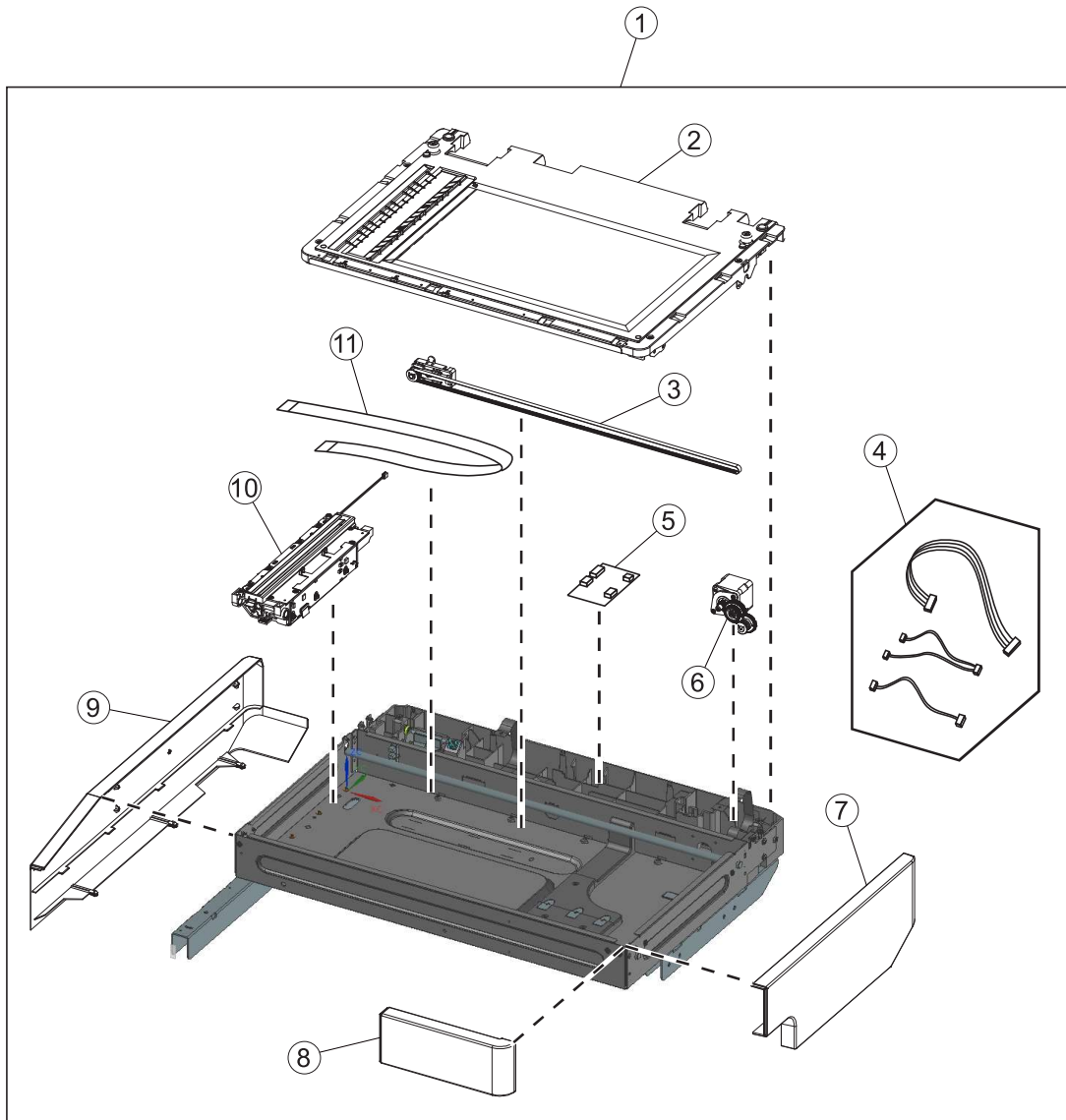


Assembly 17: Flatbed scanner (MX810, MX811 and MX812)



Assembly 17: Flatbed scanner (MX810, MX811 and MX812)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X7782	1	1	Flatbed scanner (MX81x)	“Flatbed scanner assembly removal” on page 499
2	40X7783	1	1	Flatbed scanner glass	“Flatbed scanner glass removal” on page 513
3	40X7788	1	1	Flatbed scanner tension pulley w/ belt	“Flatbed tension pulley with belt removal” on page 516
4	40X7785	1	1	Flatbed scanner cables part kit, which includes the following: • FB motor • FB ICC to ADF PCBA • FB length sensor • FB HP sensor & LED • Ground strap • Ground strap	N/A
5	40X7784	1	1	Flatbed scanner PCBA	“Flatbed scanner PCBA removal” on page 515
6	40X7787	1	1	Flatbed scanner drive parts kit	“Flatbed scanner drive parts kit removal” on page 510
7	40X7941	1	1	Flatbed right cover (MX81x)	“Flatbed scanner right cover removal” on page 506
8	40X8038	1	1	Flatbed front cover (MX810)	“Flatbed scanner front cover removal” on page 502
8	40X7942	1	1	Flatbed front cover (MX811)	“Flatbed scanner front cover removal” on page 502
8	40X8039	1	1	Flatbed front cover (MX812)	“Flatbed scanner front cover removal” on page 502
8	40X8588	1	1	Flatbed front cover (XM7150)	“Flatbed scanner front cover removal” on page 502
8	40X8589	1	1	Flatbed front cover (XM7160)	“Flatbed scanner front cover removal” on page 502
8	40X8590	1	1	Flatbed front cover (XM7170)	“Flatbed scanner front cover removal” on page 502

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
9	40X7943	1	1	Flatbed left cover (MX81x)	“Flatbed scanner left cover removal topic” on page 505
10	40X7786	1	1	Flatbed scanner CCD	“Flatbed scanner CCD removal” on page 506
11	40X8374	1	1	Flatbed scanner CCD ribbon cable (MX81x)	N/A
NS	40X7944	1	1	Scanner rear cover	N/A

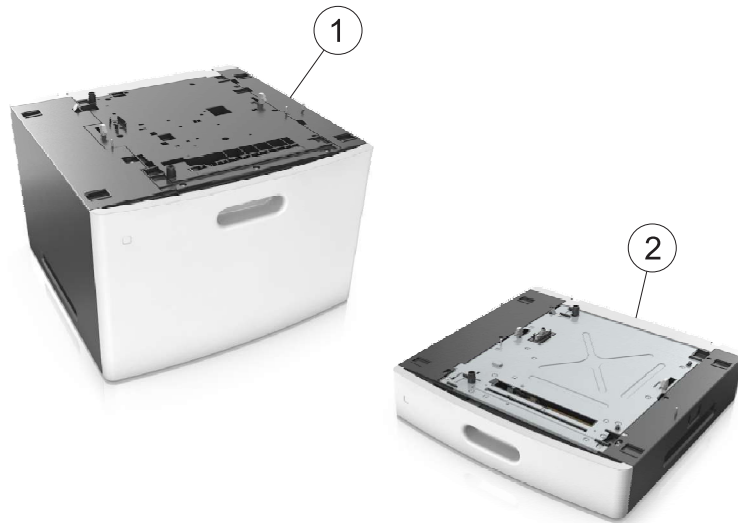
Assembly 18: Input options (MX710 and MX711)



Assembly 18: Input options (MX710 and MX711)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8106	1	1	550-sheet tray option	"250/550-sheet media tray option removal" on page 521
1	40X8411	1	1	550-sheet tray option, lockable	"250/550-sheet media tray option removal" on page 521
2	40X8152	1	1	250-sheet tray option	"250/550-sheet media tray option removal" on page 521
2	40X8410	1	1	250-sheet tray option, lockable	"250/550-sheet media tray option removal" on page 521
3	40X8161	1	1	HCIT option	"HCIT and drawer assembly removal" on page 537
NS	40X8409	1	1	Spacer	N/A

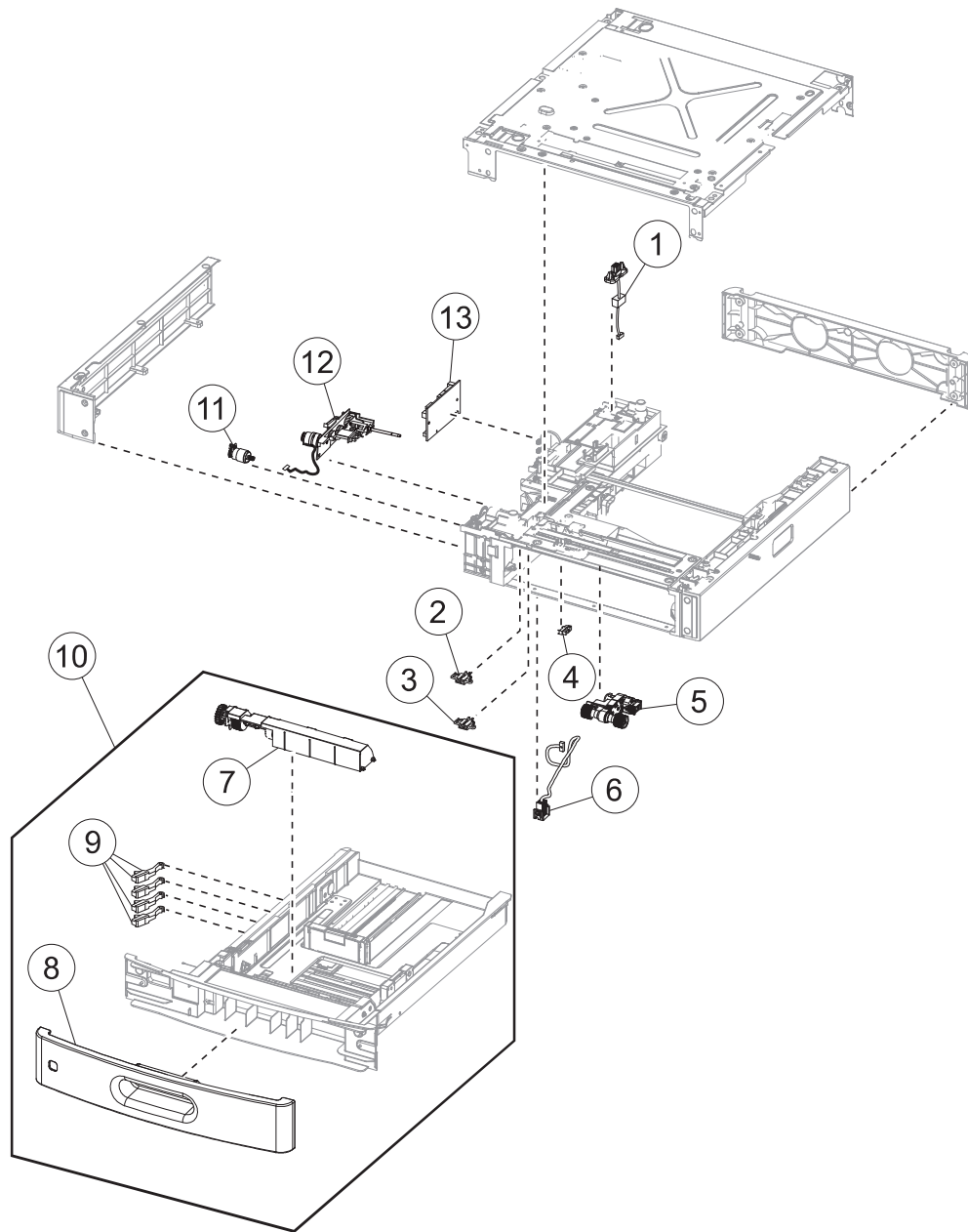
Assembly 19: Input options (MX810, MX811 and MX812)



Assembly 19: Input options (MX810, MX811 and MX812)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8162	1	1	HCIT and drawer assembly	"HCIT and drawer assembly removal" on page 537
2	40X8108	1	1	550-sheet tray and drawer assembly	"250/550-sheet media tray option removal" on page 521

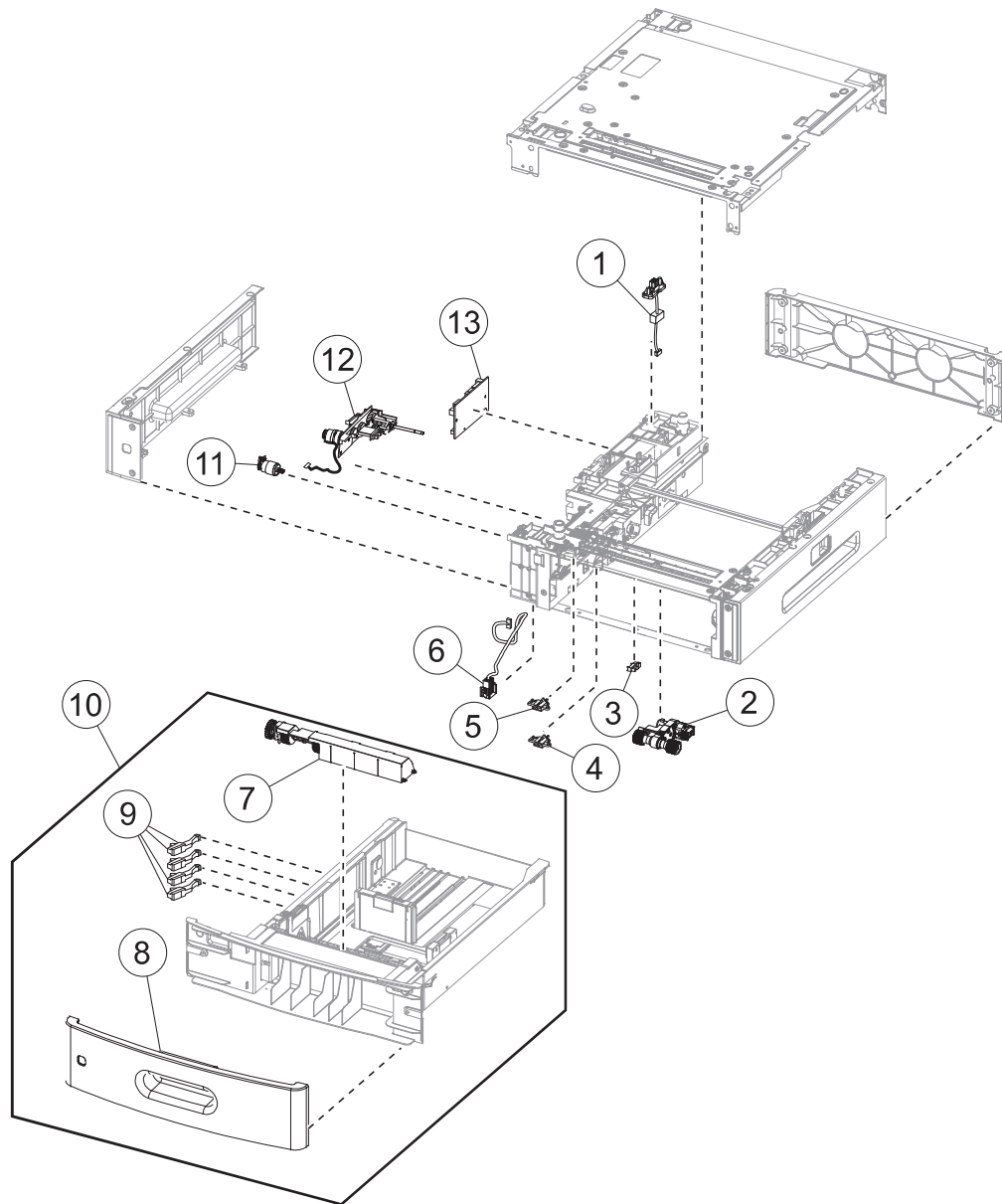
Assembly 20: 250-sheet tray option (MX710 and MX711)



Assembly 20: 250-sheet tray option (MX710 and MX711)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8160	1	1	250-sheet tray option upper interface cable	“Drawer upper interface cable removal” on page 526
2	40X8156	1	1	Sensor (pass through)	“Sensor (drawer pass through) removal ” on page 531
3	40X8158	1	1	Sensor (pick)	“Sensor (pick) removal” on page 533
4	40X7592	1	1	Sensor (pick roller position)	“Sensor (pick roll position) removal ” on page 522
5	40X7593	1	1	Pick roller	“Drawer pick roller removal ” on page 522
6	40X8159	1	1	250-sheet tray option lower interface cable	“Drawer lower interface cable removal” on page 527
7	40X7713	1	1	Separator roller assembly	“Media tray separation roller removal” on page 521
8	40X8154	1	1	250-sheet tray front cover	“Media tray front cover removal” on page 522
9	40X8541	4	1	Media size actuator	“Media size actuator removal” on page 375
10	40X8153	1	1	250-sheet tray	“Media tray assembly removal” on page 521
11	40X8157	1	1	250-sheet tray option transport motor	“Drawer transport motor removal” on page 530
12	40X7591	1	1	Media feeder	“Drawer media feeder removal ” on page 528
13	40X8672	1	1	250-sheet tray option controller PCBA	“Drawer controller PCBA removal” on page 525

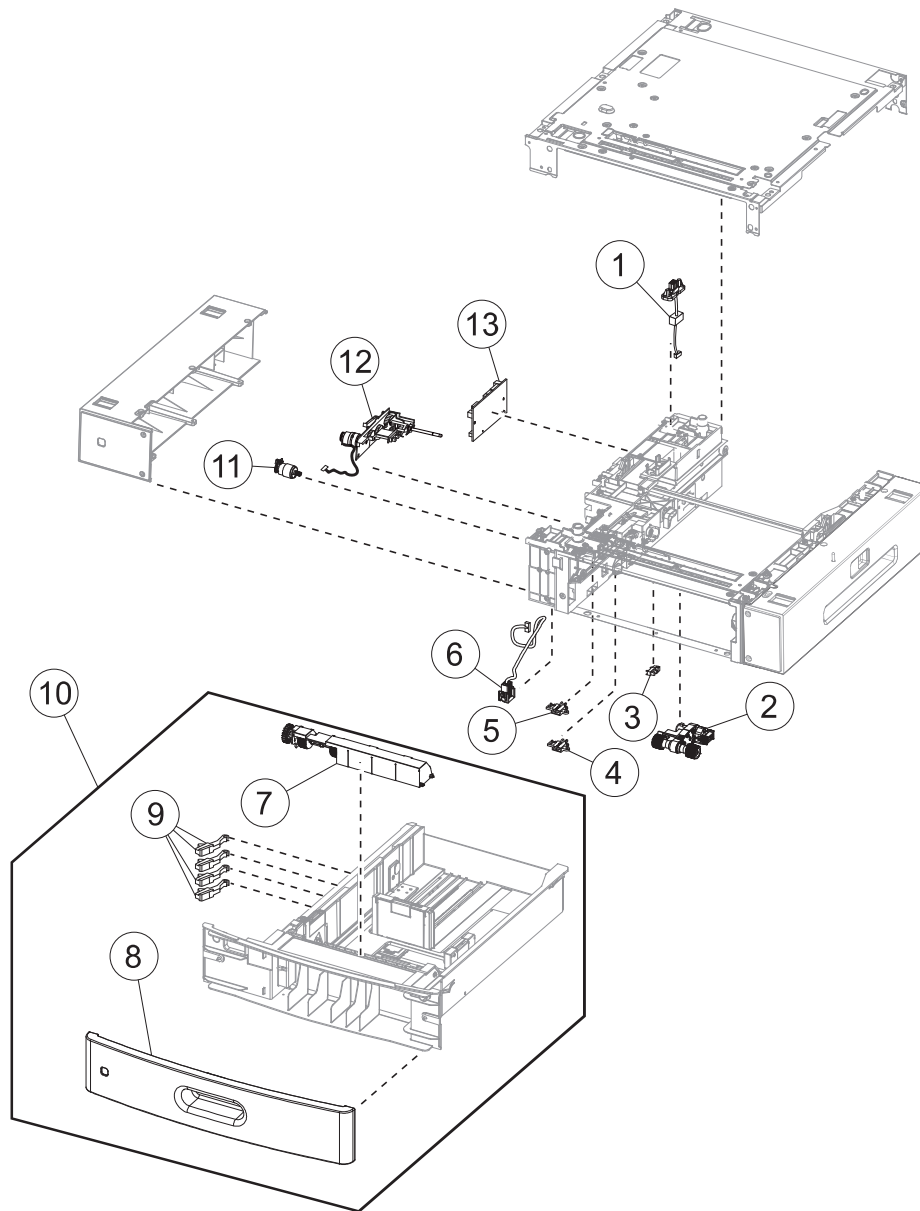
Assembly 21: 550-sheet tray option (MX710 and MX711)



Assembly 21: 550-sheet tray option (MX710 and MX711)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8160	1	1	550-sheet tray option upper interface cable	“Drawer upper interface cable removal” on page 526
2	40X7593	1	1	Pick roller	“Drawer pick roller removal ” on page 522
3	40X7592	1	1	Sensor (pick roller position)	“Sensor (pick roll position) removal ” on page 522
4	40X8158	1	1	Sensor (pick)	“Sensor (pick) removal” on page 533
5	40X8156	1	1	Sensor (pass through)	“Sensor (drawer pass through) removal ” on page 531
6	40X8159	1	1	550-sheet tray option lower interface cable	“Drawer lower interface cable removal” on page 527
7	40X7713	1	1	Separator roller assembly	“Media tray separation roller removal” on page 521
8	40X8109	1	1	550-sheet tray front cover	“Media tray front cover removal” on page 522
9	40X8541	4	1	Media size actuator	“Media size actuator removal” on page 375
10	40X7742	1	1	550-sheet tray	“Media tray assembly removal” on page 521
11	40X8157	1	1	550-sheet tray option transport motor	“Drawer transport motor removal” on page 530
12	40X7591	1	1	Media feeder	“Drawer media feeder removal ” on page 528
13	40X8155	1	1	550-sheet tray option controller PCBA	“Drawer controller PCBA removal” on page 525

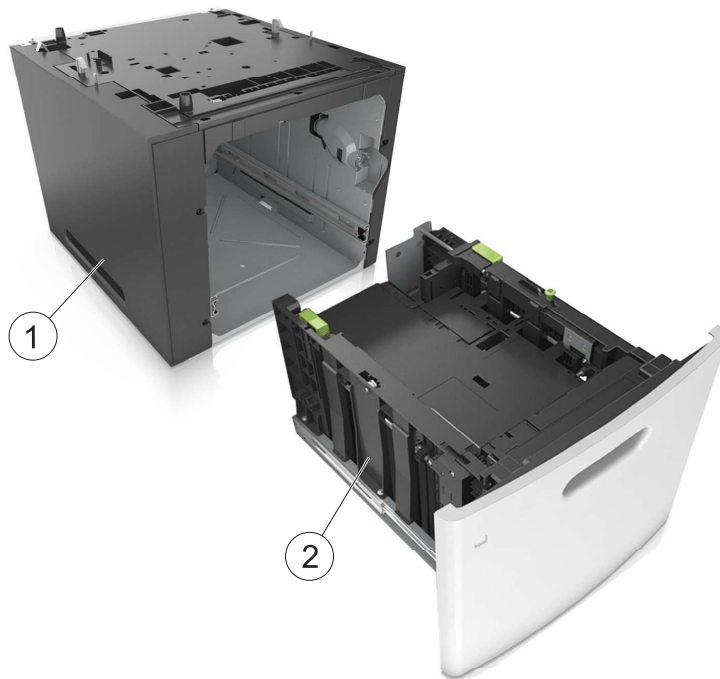
Assembly 22: 550-sheet tray option (MX810, MX811, MX812)



Assembly 22: 550-sheet tray option (MX810, MX811, MX812)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8160	1	1	550-sheet tray option upper interface cable	“Drawer upper interface cable removal” on page 526
2	40X7593	1	1	pick roller	“Drawer pick roller removal ” on page 522
3	40X7592	1	1	Sensor (pick roller position)	“Sensor (pick roll position) removal ” on page 522
4	40X8158	1	1	Sensor (pick)	“Sensor (pick) removal” on page 533
5	40X8156	1	1	Sensor (pass through)	“Sensor (drawer pass through) removal ” on page 531
6	40X8159	1	1	550-sheet tray option lower interface cable	“Drawer lower interface cable removal” on page 527
7	40X7713	1	1	Separator roller assembly	“Media tray separation roller removal” on page 521
8	40X8113	1	1	550-sheet tray front cover	“Media tray front cover removal” on page 522
9	40X8541	4	1	Media size actuator	“Media size actuator removal” on page 375
10	40X7948	1	1	550-sheet tray	“Media tray assembly removal” on page 521
11	40X8157	1	1	550-sheet tray option transport motor	“Drawer transport motor removal” on page 530
12	40X7591	1	1	Media feeder	“Drawer media feeder removal ” on page 528
13	40X8155	1	1	550-sheet option tray controller PCBA	“Drawer controller PCBA removal” on page 525

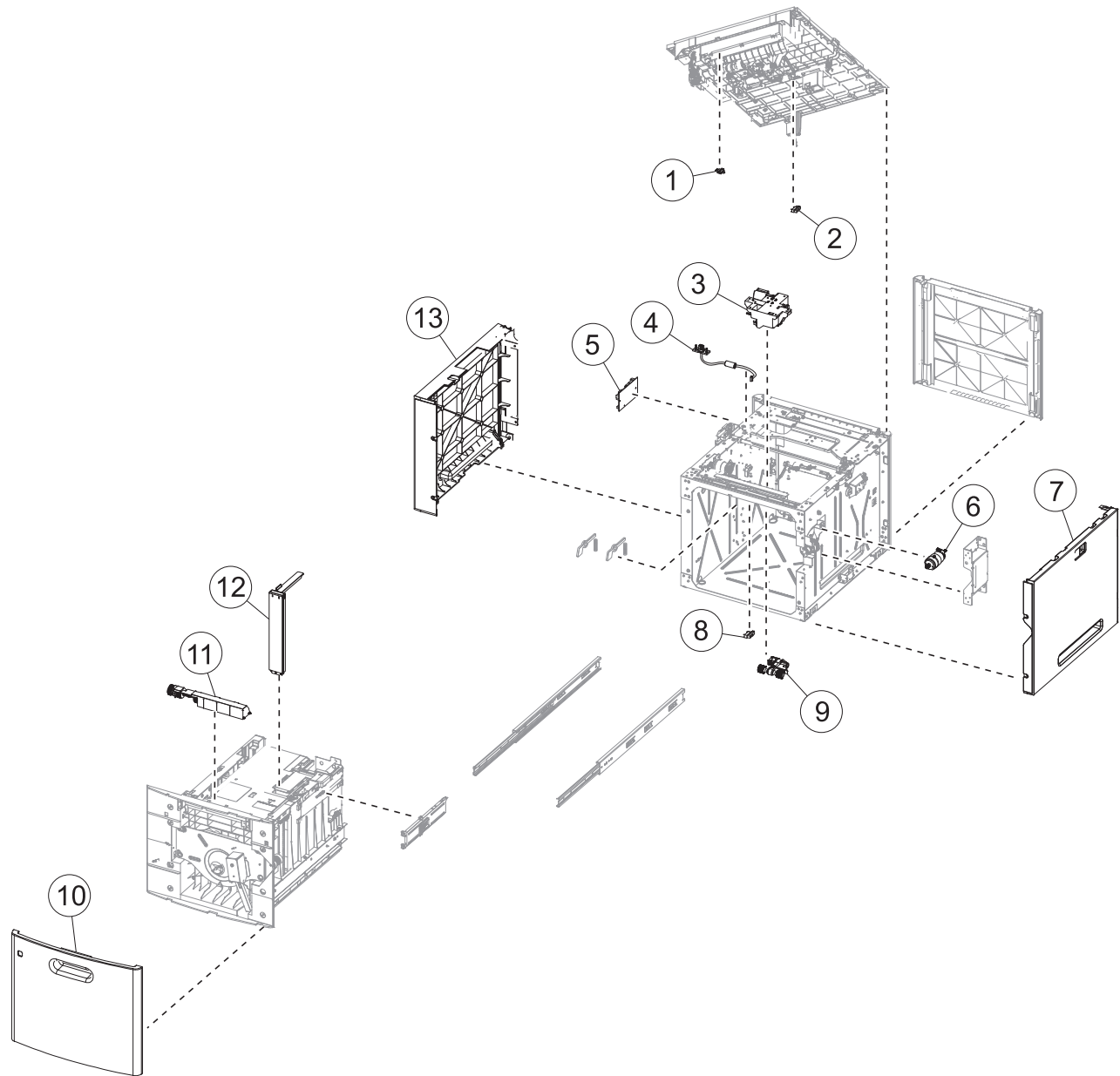
Assembly 23: High capacity input tray option 1 (MX710 and MX711)



Assembly 23: High capacity input tray option 1 (MX710 and MX711)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8163	1	1	HCIT drawer assembly	See "HCIT drawer assembly removal" on page 537
2	40X8165	1	1	HCIT	See "HCIT removal" on page 537

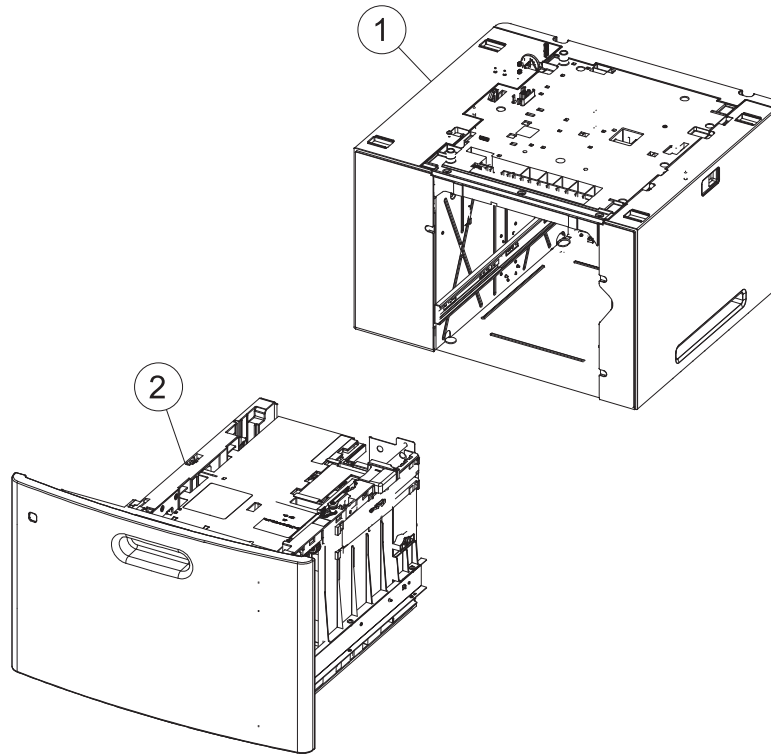
Assembly 24: High capacity input tray option 2 (MX710 and MX711)



Assembly 24: High capacity input tray option 2 (MX710 and MX711)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8178	1	1	Sensor (HCIT pick) with cable	See “Sensor (HCIT pick) removal” on page 556
2	40X8177	1	1	Sensor (HCIT media low) with flag	See “Sensor (HCIT media low) with flag removal” on page 553
3	40X8174	1	1	HCIT option media feeder	See “HCIT media feeder removal” on page 557
4	40X8180	1	1	HCIT option interface cable	See “HCIT drawer assembly interface cable removal” on page 552
5	40X8173	1	1	HCIT option controller PCBA	See “HCIT controller PCBA removal” on page 547
6	40X8179	1	1	HCIT option lift drive motor	See “HCIT lift drive motor removal” on page 550
7	40X8169	1	1	HCIT option right cover	See “HCIT drawer assembly right cover removal” on page 545
8	40X7592	1	1	Sensor (HCIT pick roller position)	See “Sensor (pick roll position) removal” on page 554
9	40X7593	1	1	Pick roller	See “HCIT pick arm assembly removal” on page 541
10	40X8171	1	1	HCIT front cover	See “HCIT front cover removal” on page 539
11	40X7713	1	1	Separation roller	See “HCIT separator roll assembly removal” on page 538
12	40X8176	1	1	HCIT media guide	See “HCIT media guide removal” on page 538
13	40X8167	1	1	HCIT option left cover	See “HCIT drawer assembly left cover removal” on page 543

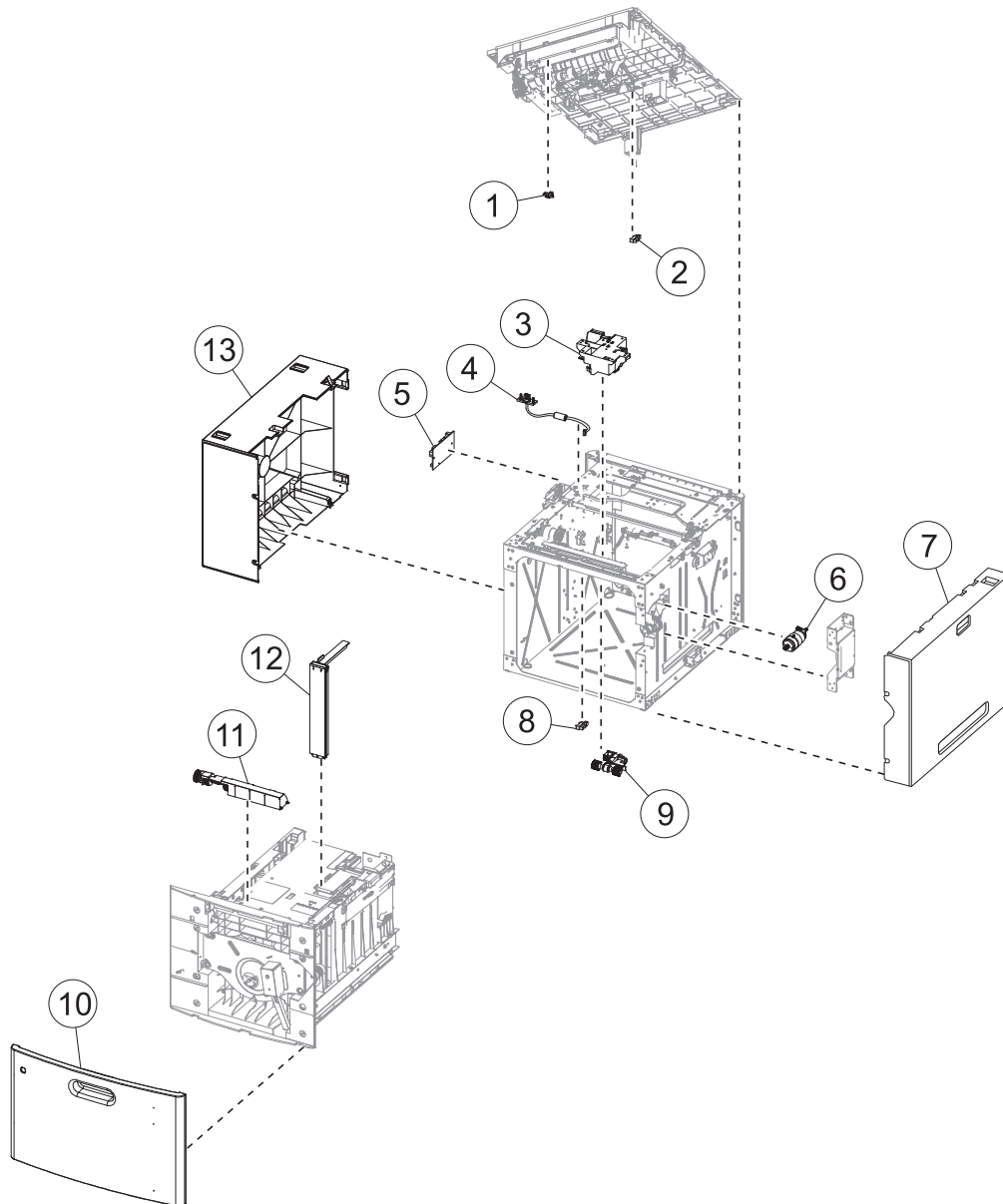
Assembly 25: High capacity input tray option 3 (MX810, MX811, MX812)



Assembly 25: High capacity input tray option 3 (MX810, MX811, MX812)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8164	1	1	HCIT drawer assembly	"HCIT drawer assembly removal" on page 537
2	40X8166	1	1	HCIT	"HCIT removal" on page 537

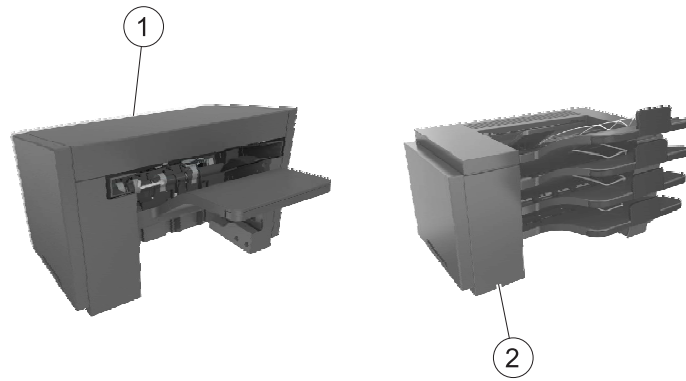
Assembly 26: High capacity input tray option 4 (MX810, MX811, MX812)



Assembly 26: High capacity input tray option 4 (MX810, MX811, MX812)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8178	1	1	Sensor (HCIT pass through) with cable	See “Sensor (HCIT pick) removal” on page 591
2	40X8177	1	1	Sensor (HCIT closed) with flag	See “Sensor (HCIT closed) with flag removal” on page 588
3	40X8174	1	1	HCIT media feeder	See “HCIT media feeder removal” on page 592
4	40X8180	1	1	HCIT interface cable	See “HCIT drawer assembly interface cable removal” on page 587
5	40X8173	1	1	HCIT controller PCBA	See “HCIT controller PCBA removal” on page 582
6	40X8179	1	1	HCIT lift drive motor	See “HCIT lift drive motor removal” on page 585
7	40X8170	1	1	HCIT right cover	See “HCIT drawer assembly right cover removal” on page 581
8	40X7592	1	1	Sensor (HCIT roller position)	See “Sensor (pick roll position) removal” on page 589
9	40X7593	1	1	HCIT pick roller	See “HCIT pick arm assembly removal” on page 579
10	40X8172	1	1	HCIT front cover	See “HCIT front cover removal” on page 578
11	40X7713	1	1	HCIT separation roller	See “HCIT separator roll assembly removal” on page 577
12	40X8176	1	1	HCIT media guide	See “HCIT media guide removal” on page 577
13	40X8168	1	1	HCIT left cover	See “HCIT drawer assembly rear cover removal” on page 580

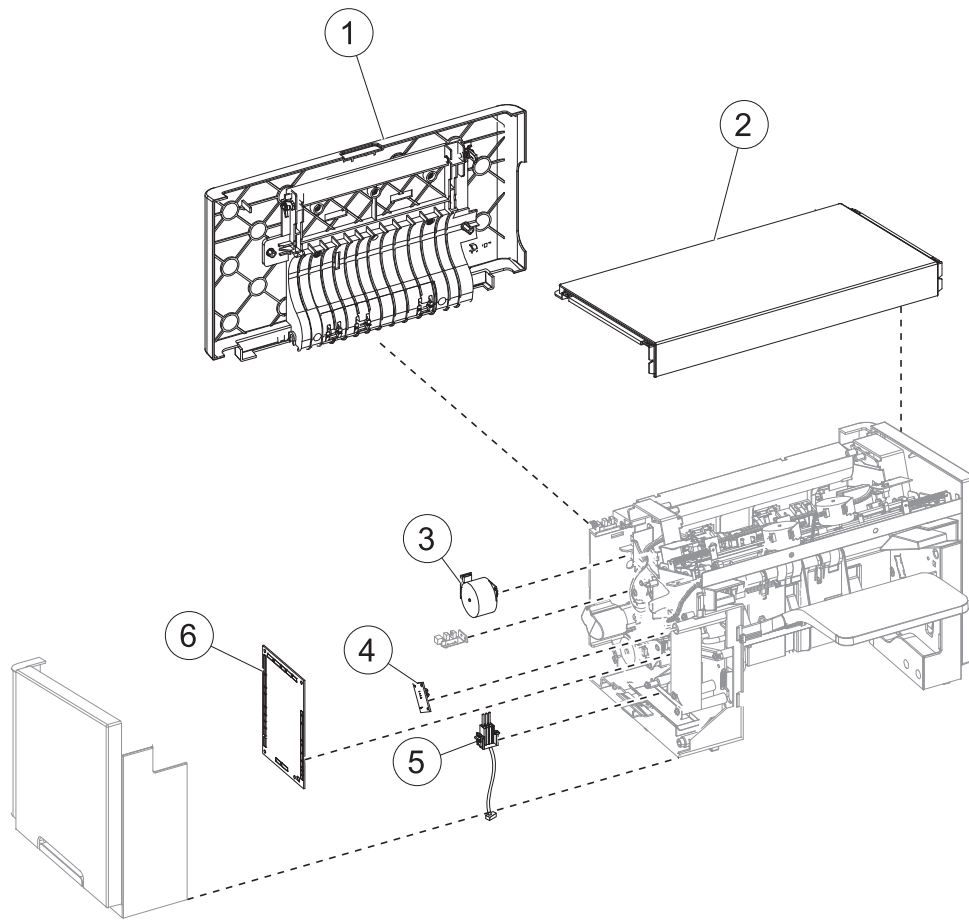
Assembly 27: Output options (MX810, MX811, and MX812)



Assembly 27: Output options (MX810, MX811, and MX812)

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8207	1	1	Staple finisher option	"Staple finisher/offset stacker option removal" on page 595
1	40X8522	1	1	Offset stacker option	"Staple finisher/offset stacker option removal" on page 595
2	40X8241	1	1	Mailbox option	"Mailbox assembly removal" on page 624

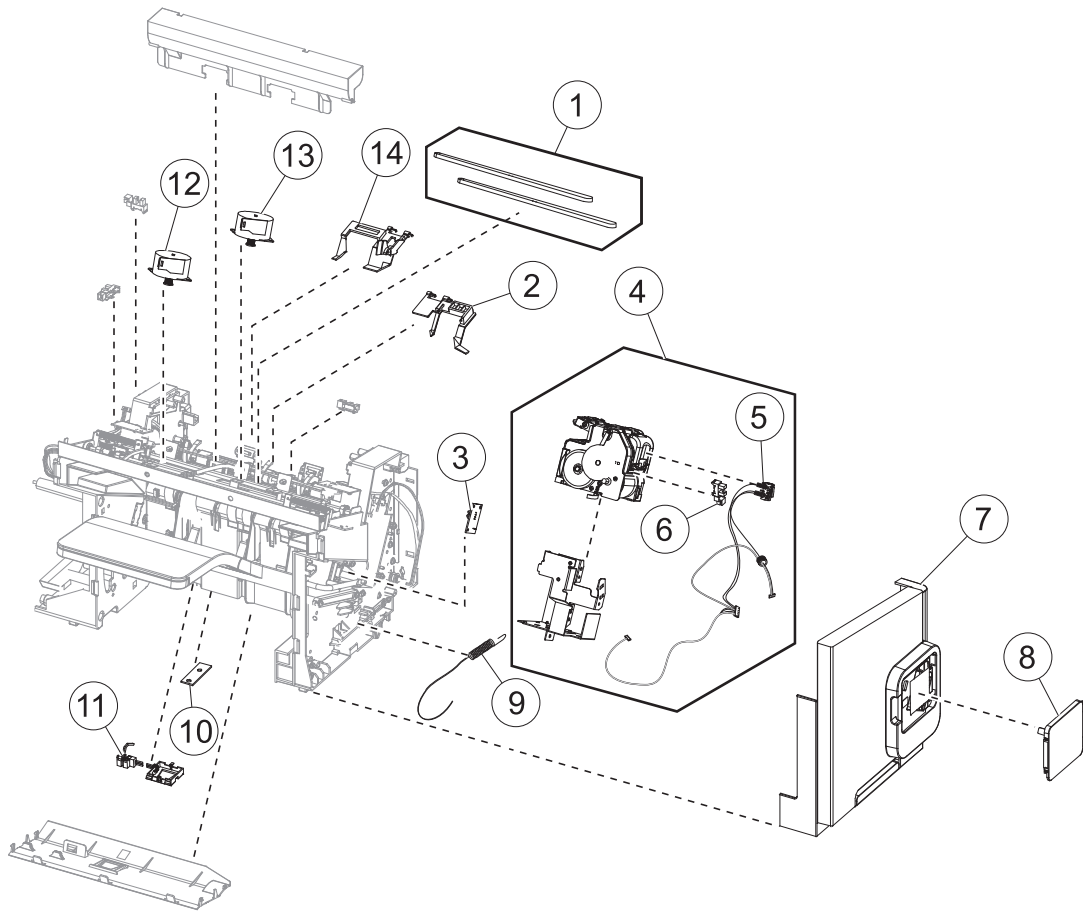
Assembly 28: Staple finisher option 1



Assembly 28: Staple finisher option 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8214	1	1	Stapler rear door	See “Stapler/offset stacker rear door removal” on page 595
2	40X8222	1	1	Stapler top cover	See “Stapler/offset stacker top cover removal” on page 599
3	40X8213	1	1	Stapler paddle drive motor	See “Paddle drive motor removal” on page 610
4	40X8220	1	1	Sensor (bin full receive)	See “Sensor (bin full receive) removal” on page 615
5	40X8224	1	1	Stapler lower interface cable	See “Stapler/offset stacker lower interface cable removal” on page 611
6	40X8221	1	1	Stapler controller PCBA	See “Stapler/offset stacker controller PCBA removal” on page 613

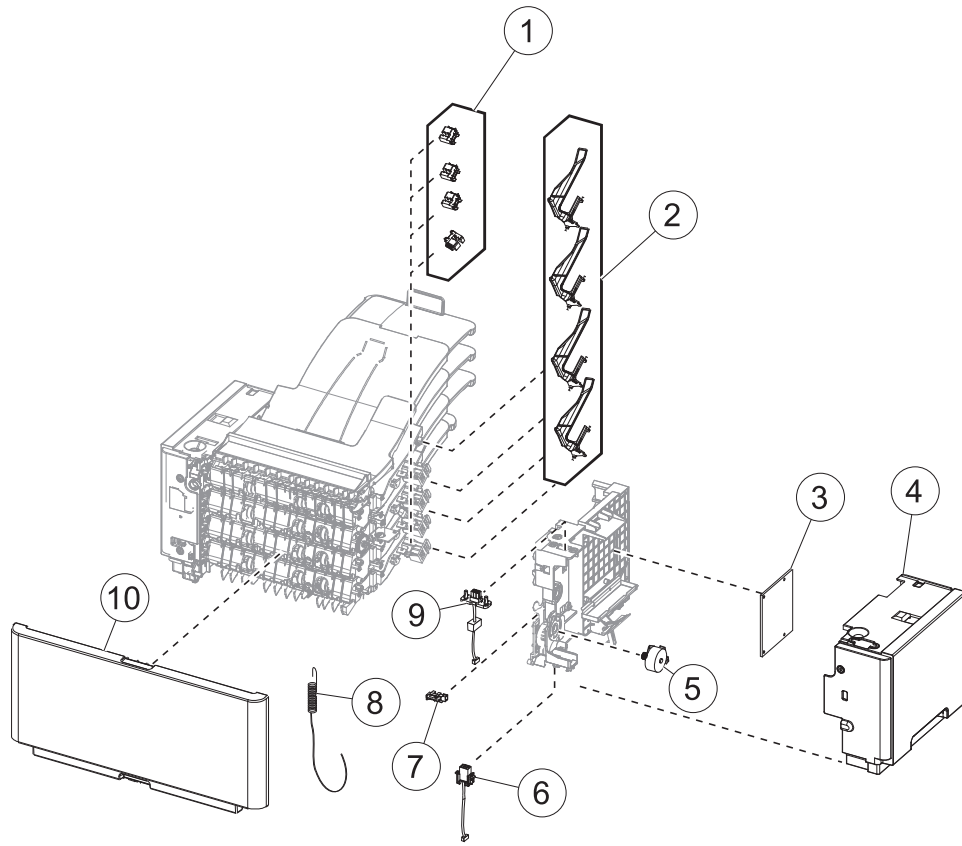
Assembly 29: Staple finisher option 2



Assembly 29: Staple finisher option 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8212	1	1	Tamper drive belt	"Tamper drive belt removal" on page 609
2	40X8209	1	1	Media stack flap (right)	"Media stack flap (right) removal" on page 602
3	40X8217	1	1	Sensor (bin full send)	"Sensor (bin full send) removal" on page 614
4	40X8223	1	1	Stapler carriage assembly	"Stapler carriage assembly removal" on page 620
5	40X8225	1	1	Stapler door close limit switch	"Stapler door close limit switch removal" on page 621
6	40X7592	1	1	Sensor (cartridge door interlock)	"Sensor (cartridge door interlock) removal" on page 621
7	40X8216	1	1	Stapler right cover	"Stapler right cover removal" on page 617
8	40X8215	1	1	Stapler cartridge access door	"Stapler cartridge access door removal" on page 619
9	40X8226	1	1	Stapler spring with string	"Stapler/offset stacker spring with string removal" on page 601
10	40X8218	1	1	Standard output bin LED	"Standard output bin LED removal" on page 606
11	40X8219	1	1	Sensor (finisher bin media present)	"Sensor (finisher/stacker bin media present) removal" on page 607
12	40X8211	1	1	Tamper motor (left)	"Tamper motor (left) removal" on page 608
13	40X8211	1	1	Tamper motor (right)	"Tamper motor (right) removal" on page 608
14	40X8210	1	1	Media stack flap (left)	"Media stack flap (left) removal" on page 603

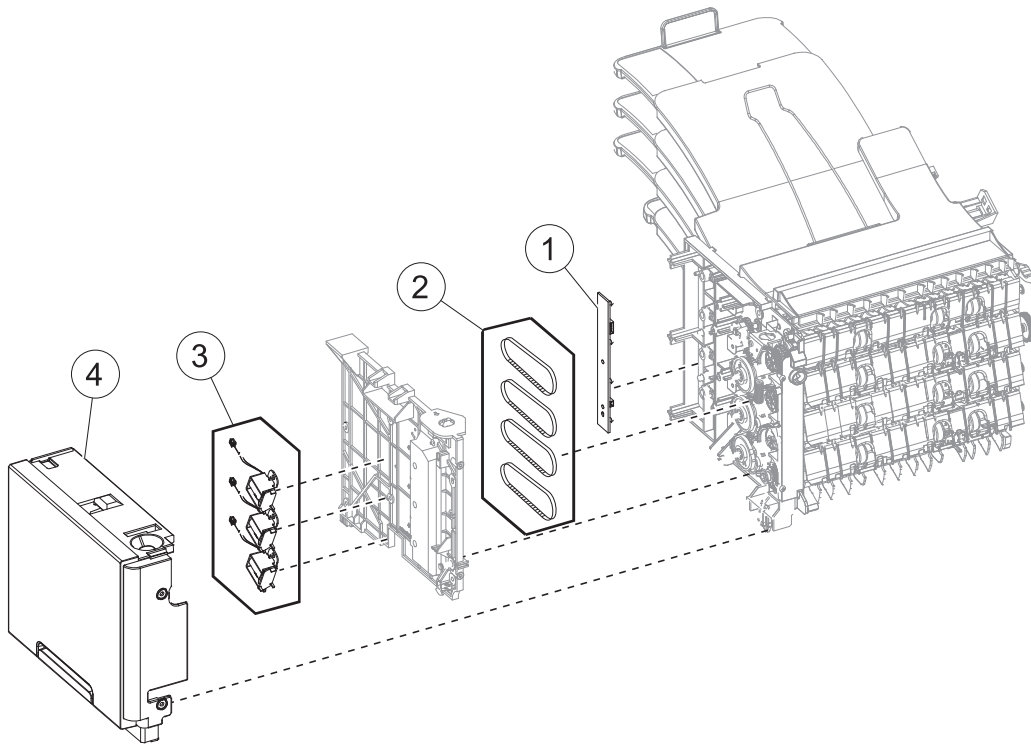
Assembly 30: Mailbox option 1



Assembly 30: Mailbox option 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8248	4	4	Sensor (bin full receive)	"Sensor (mailbox bin full receive) removal" on page 639
2	40X8247	4	4	Mailbox media bin full flag	"Mailbox media bin full flag removal" on page 638
3	40X8244	1	1	Mailbox controller PCBA	"Mailbox controller PCBA removal" on page 631
4	40X8246	1	1	Mailbox left cover	"Mailbox left cover removal" on page 630
5	40X8256	1	1	Mailbox divert motor	"Mailbox divert motor removal" on page 636
6	40X8253	1	1	Mailbox lower interface cable	"Mailbox lower interface cable removal" on page 634
7	40X7592	1	1	Mailbox sensor (divert motor)	"Sensor (mailbox divert motor) removal" on page 633
8	40X8252	1	1	Mailbox spring with string	"Mailbox spring with string removal" on page 627
9	40X8254	1	1	Mailbox upper interface cable	"Mailbox upper interface cable removal" on page 636
10	40X8242	1	1	Mailbox rear door	"Mailbox rear door removal" on page 624
NS	40X8500	1	1	Actuator flag (media bin full)	N/A

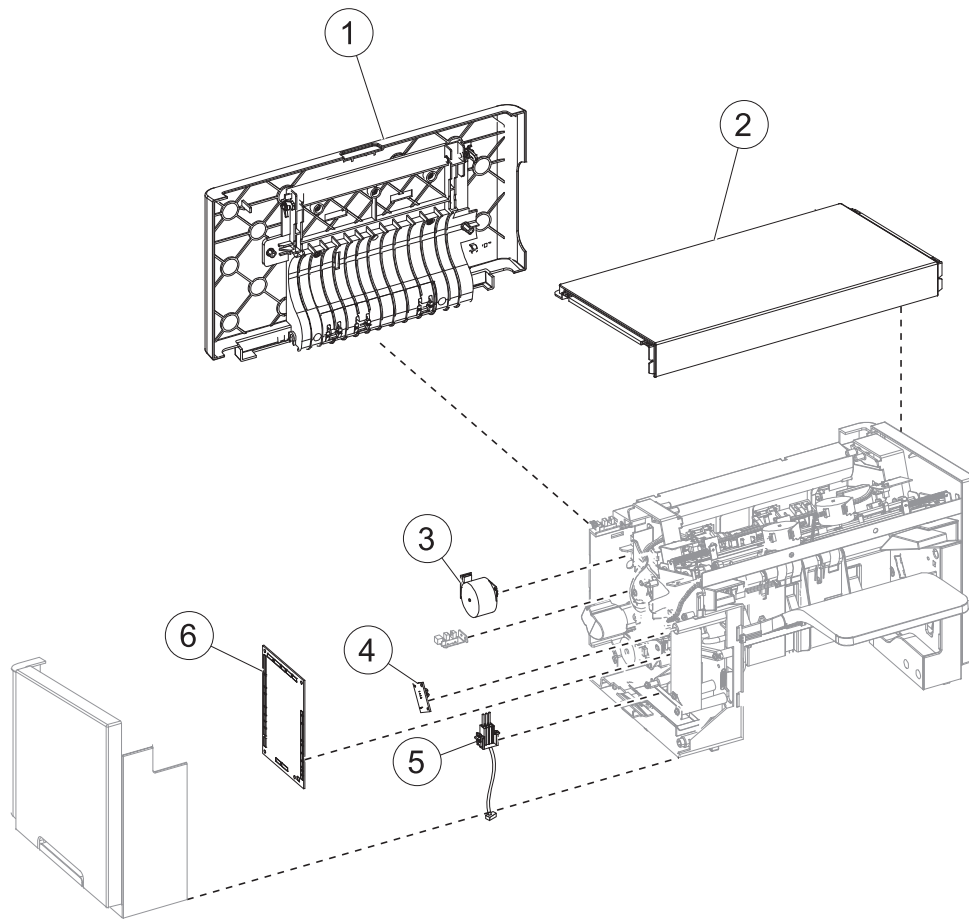
Assembly 31: Mailbox option 2



Assembly 31: Mailbox option 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8250	1	1	Mailbox output bin LED assembly	See “Mailbox output bin LED assembly removal” on page 644
2	40X8249	4	1	Mailbox belt	See “Mailbox belt removal” on page 642
3	40X8251	3	1	Mailbox solenoid	See “Mailbox solenoid removal” on page 628
4	40X8243	1	1	Mailbox right cover	See “Mailbox right cover removal” on page 626

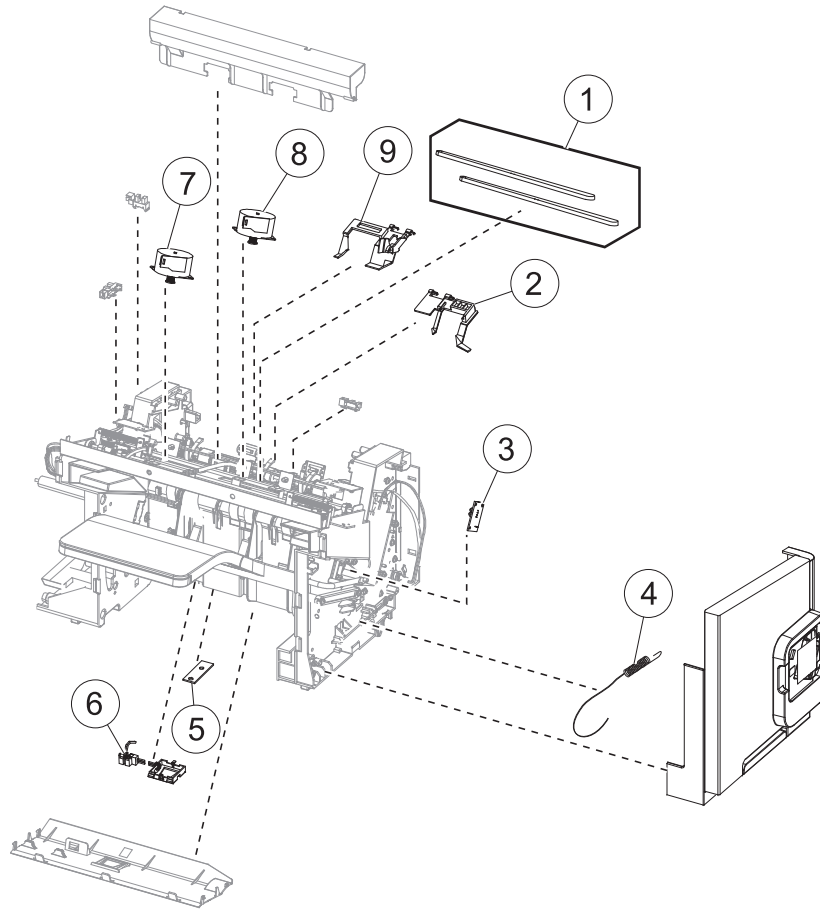
Assembly 32: Offset stacker option 1



Assembly 32: Offset stacker option 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8214	1	1	Stacker rear door	See “Stapler/offset stacker rear door removal” on page 595
2	40X8222	1	1	Stacker top cover	See “Stapler/offset stacker top cover removal” on page 599
3	40X8213	1	1	Stacker paddle drive motor	See “Paddle drive motor removal” on page 610
4	40X8220	1	1	Sensor (bin full receive)	See “Sensor (bin full receive) removal” on page 615
5	40X8224	1	1	Stacker lower interface cable	See “Stapler/offset stacker lower interface cable removal” on page 611
6	40X8221	1	1	Stacker controller PCBA	See “Stapler/offset stacker controller PCBA removal” on page 613

Assembly 33: Offset stacker option 2



Assembly 33: Offset stacker option 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X8212	2	2	Tamper drive belt	"Tamper drive belt removal" on page 609
2	40X8209	1	1	Media stack flap (right)	"Media stack flap (right) removal" on page 602
3	40X8217	1	1	Sensor (bin full send)	"Sensor (bin full send) removal" on page 614
4	40X8226	1	1	Stacker spring with string	"Stapler/offset stacker spring with string removal" on page 601
5	40X8218	1	1	Standard output bin LED	"Standard output bin LED removal" on page 606
6	40X8219	1	1	Sensor (stacker bin media present)	"Sensor (finisher/stacker bin media present) removal" on page 607
7	40X8211	1	1	Tamper motor (left)	"Tamper motor (left) removal" on page 608
8	40X8211	1	1	Tamper motor (right)	"Tamper motor (right) removal" on page 608
9	40X8210	1	1	Media stack flap (left)	"Media stack flap (left) removal" on page 603

Assembly 34: Miscellaneous

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	40X4819	1	1	RS232C serial adapter	N/A
NS	40X4826	1	1	N8120 GIGABIT INA adapter	N/A
NS	40X4823	1	1	PARALLEL 1284-B THCK adapter	N/A
NS	40X4827	1	1	N8130 10/100 fiber adapter	N/A
NS	40X5315	1	1	SHIP-WITH ISP (2PER) screw	N/A
NS	40X5316	1	1	14 PIN JST-FOR ISP cable	N/A
NS	40X5317	1	1	Tee with thumbscrew standoff	N/A
NS	40X7445	1	1	DDR3-512Mx32 2GB RAM card	N/A
NS	40X7567	1	1	DDR3-256Mx32 1GB-400MHZ RAM card	N/A
NS	40X8555	1	1	256MB USER flash card	N/A
NS	40X8556	1	1	Traditional Chinese font card	N/A
NS	40X8557	1	1	Simplified Chinese font card	N/A
NS	40X8568	1	1	Korean font card	N/A
NS	40X8569	1	1	Japanese font card	N/A
NS	40X8612	1	1	MX71x/MX81x forms and barcode	N/A
NS	40X8614	1	1	MX71x/MX81x prescribe card	N/A
NS	40X8613	1	1	MX71x/MX81x IPDS card	N/A
NS	40X0387	1	1	USB-A interface device	N/A
NS	40X8311	1	1	Card reader - small stick on case	N/A
NS	40X8312	1	1	Card reader - large stick on case	N/A
NS	40X8313	1	1	Card reader - small snap on case	N/A
NS	40X8314	1	1	Card reader - large snap on case	N/A
NS	40X1593	1	1	Lexmark MarkNet N7000e (1 port USB) Ethernet 10Base/100BaseTX	N/A
NS	40X1594	1	1	Lexmark MarkNet N7002e (1 port Parallel) Ethernet 10BaseT/100BaseTX	N/A
NS	40X1592	1	1	Lexmark MarkNet N7020e (4 port USB) Ethernet 10BaseT/100BaseTX/1000BaseT	N/A
NS	40X7706	1	1	MS71x & MS81x Roller Kit	N/A
NS	40X8420	1	1	MS81x Return Program Fuser Maint. Kit Type 00, 110-120V Letter	N/A
NS	40X8421	1	1	MS81x Return Program Fuser Maint. Kit Type 01, 220-240V A5	N/A
NS	40X8422	1	1	MS81x Return Program Fuser Maint. Kit Type 02, 100V A5	N/A

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	40X8423	1	1	MS81x Return Program Fuser Maint. Kit Type 03, 110-120V A5	N/A
NS	40X8424	1	1	MS81x Return Program Fuser Maint. Kit Type 04, 220-240V Letter	N/A
NS	40X8425	1	1	MS81x Fuser Maint. Kit Type 05, 110-120V Letter	N/A
NS	40X8426	1	1	MS81x Fuser Maint. Kit Type 06, 220-240V A4	N/A
NS	40X8427	1	1	MS81x Fuser Maint. Kit Type 07, 100V A4	N/A
NS	40X8428	1	1	MS81x Fuser Maint. Kit Type 08, 110-120V A4	N/A
NS	40X8429	1	1	MS81x Fuser Maint. Kit Type 09, 220-240V Letter	N/A
NS	40X8431	1	1	MX71x & MX81x ADF Maintenance Kit	N/A
NS	40X8102	1	1	MX81x caster base cover	N/A
NS	40X8103	1	1	MX81x caster base frame	N/A
NS	40X8359	1	1	Locking caster	N/A
NS	40X7857	1	1	ATA pass through hard drive	N/A
NS	40X7858	1	1	802.11B/G/N - US network adapter	N/A
NS	40X7854	1	1	Fax board	N/A
NS	40X8570	1	1	Arabic font card	N/A
NS	40X8571	1	1	Hebrew font card	N/A
NS	40X8591	1	1	USB delete plug	N/A
NS	40X8093	1	1	Caster base (MX71x)	N/A

Assembly 35: Power cords

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	40X0269	1	1	Power cord LV, USA & Canada, Latin America	N/A
NS	40X0288	1	1	Power cord HV, Argentina	N/A
NS	40X1766	1	1	Power cord HV, Bolivia & Peru	N/A
NS	40X0273	1	1	Power cord HV, Chile, Uruguay	N/A
NS	40X3141	1	1	Power cord HV, Paraguay, Austria, Belgium, France, Germany, Italy, Netherlands, Bluemark, Czech & Solvic countries, Greece, Hungary, Medmark 1, Medmark 2, Arabic, Poland, Russia, CIS, Spain, Portugal, & Ireland	N/A
NS	40X4596	1	1	Power cord LV, Brazil PPB kits	N/A
NS	40X0271	1	1	Power cord HV, United Kingdom, Asian, Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam, Afghanistan, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka, Tibet, & Hong Kong	N/A
NS	40X0301	1	1	Power cord HV, Australia & New Zealand	N/A
NS	40X3609	1	1	Power cord 100 V, Japan	N/A
NS	40X1792	1	1	Power cord, HV, Korea	N/A
NS	40X0303	1	1	Power cord, HV PRC	N/A
NS	40X1791	1	1	Power cord LV, Taiwan	N/A
NS	40X1774	1	1	Power cord HV, Denmark, Finland, Norway, Sweden	N/A
NS	40X0275	1	1	Power cord, HV, Israel	N/A
NS	40X1773	1	1	Power cord HV, South Africa, Namibia, Lesotho, Botswana & Pakistan	N/A
NS	40X1772	1	1	Power cord HV, Switzerland	N/A

Appendix A: Printer specifications

- “Power specifications” on page 759
- “Operating clearances” on page 760
- “Acoustics” on page 760
- “Environment” on page 761
- “Processor” on page 761
- “Security reset jumper” on page 761
- “Printer skew specifications” on page 762

Power specifications

The average nominal power requirements for the base printer configuration are shown in the following table (power levels are shown in watts):

Printing States	MX710	MX711	MX810	MX811	MX812
Off	0 W	0 W	0 W	0 W	0 W
Hibernate	0.7 W	0.7 W	0.7 W	0.7 W	0.7 W
Sleep State	14 W	15 W	16 W	16 W	16 W
Ready Low Power State	55 W	55 W	70 W	70 W	70 W
Ready State	110 W	110 W	120 W	120 W	120 W
Simplex Printing	825 W	925 W	760 W	860 W	960 W
Duplex Printing	625 W	725 W	575 W	675 W	775 W
Copying	860 W	960W	820 W	920 W	1020 W
ADF scanning	130 W	130 W	140 W	140 W	140 W
Typical Electricity Consumption (Default)	6.8 kwh/wk	7.5 kwh/wk	7.1 kwh/wk	7.7 kwh/wk	8.1 kwh/wk
Typical Electricity Consumption (Eco Mode enabled)	5.0 kwh/wk	5.6 kwh/wk	4.9 kwh/wk	5.6 kwh/wk	6.0 kwh/wk
Max. (Avg) current while printing:	12.4 A				
100 - 110 Volts	10.7A				
115 - 127 Volts	5.4 A				
220 - 240 Volts					

Maximum current shown in amps.

Notes:

- Using a power converter or inverter is not recommended.
- All MX71x and MX81x models conform to the ENERGY STAR standard.

- All models ship with Sleep Mode set to On.

Operating clearances

The following clearances must be maintained for proper ventilation and operation of the MX710/ MX810 Series MFPs (including removing jobs from the exit tray, fully extending the paper input tray, and using the ADF):

1	Top	152.4 mm (6 in.)
2	Right	152.4 mm (6 in.)
3	Front	381 mm (15 in.)
4	Left	152.4 mm (6 in.)
5	Rear	152.4 mm (6 in.)
Additional clearance (especially from the front) will usually be needed to utilize the multi-purpose feeder, clear misfeeds, lift the scanner lid, and to change toner and imaging units.		

Acoustics

All measurements are made in accordance with ISO 7779 and conform with ISO 9296.

Acoustic measurements

Status	1 Meter average sound pressure (dBA)	Declared sound power level (Bels)
MS810		
Idle (Standby mode)	32	4.8
Quiet mode	53	6.8
Simplex printing	53	6.8
Duplex printing	57	7.2
MS811		
Idle (Standby mode)	32	4.7
Quiet mode	53	6.8
Simplex printing	58	7.3
Duplex printing	57	7.2
MS812		
Idle (Standby mode)	32	4.7
Quiet mode	53	6.8
Simplex printing	58	7.3
Duplex printing	58	7.3
Measurements apply to 300 dpi, 600 dpi, and 1200 dpi printing.		

Environment

Printer Temperature and Humidity

- Operating
 - Temperature: 60 to 90° F (15.6 to 32.2° C)
 - Relative humidity: 8 to 80%
 - Maximum wet bulb temperature: 73° F (22.8° C)
 - Altitude: 9,500 ft. (0 to 2896 meters)
 - Atmospheric pressure: 74.6 kPa
- Power off
 - Temperature: 50 to 110° F (10 to 43.3° C)
 - Relative humidity: 8 to 80%
 - Maximum wet bulb temperature: 80.1° F (26.7° C)
 - Altitude: 9,500 ft. (0 to 2896 meters)
 - Atmospheric pressure: 74.6 kPa
- Ambient operating environment*
 - Temperature: 60 to 90° F (15.6 to 32.2° C)
 - Relative humidity: 8 to 80%
- Storage and shipping (packaged printer) with or without print cartridge
 - Temperature: -40 to 110° F (-40 to 43.3° C)

*In some cases, performance specifications (such as paper OCF, EP cartridge usage) are measured at an ambient condition.

Processor

800 MHz, dual core

Security reset jumper

The Security Reset Jumper is available on all high-end printer and MFP models.

Each device contains a hardware jumper with which an administrator can:

- Erase all security templates, building blocks, and access controls that a user has defined (i.e. the factory default configuration); or
- Force the value of each function access control to “No Security” (all security templates and building blocks are preserved but not applied to any function).

Note: If the “Enable Audit ” setting in the Security Audit Log section of the “Security Menu ” is activated, the device logs a message each time that the jumper is used.

A small lock icon identifies the jumper’s position on the RIP card. Also, to make it easier to separate the small yellow plastic jumper from the 3-pin connector, a looped handle is attached to the top of the small yellow jumper that covers the 3-pin connector.

An administrator controls how a jumper reset affects a device by configuring the jumper-related setting on the Security Web page.

Note: Administrators can discourage tampering with the jumper by securing the entire RIP card cage (of which the jumper is a part) with a Kensington lock. Alternatively, to completely negate the effects of a jumper reset, an administrator can select the **No Effect** value for the jumper-related setting on the Security Web page or in the **Security Reset Jumper** setting in the **Security Menu**.

To perform a jumper reset operation:

- 1 Power the device off.
- 2 Remove the Kensington lock from the card cage (if installed).
- 3 Remove the small yellow jumper that covers a pair of the jumper's pins.
- 4 Replace the small yellow jumper so that it covers the pins adjacent to its original position.
- 5 Replace and secure the Kensington lock on the card cage (if installed).
- 6 Power the device on.

Note: The movement of the small yellow jumper from position A to position B triggers the reset, not the specific positions. When the device is powered on, it labels the current position of the small yellow jumper (for example, position A) as the "home" position. If, at the next POR, the device detects that the small yellow jumper has moved from its previous home position (position A) to the other position (position B), then it performs a jumper reset. After performing the reset, the device also relabels the other position (position B) as the home position (position A is now the other location).

Note: The admin's security settings are lost when the RIP card is replaced. Secure settings are those that are configured under the **Settings > Security > Edit Security Setups** menu. These are all the PINs, Passwords, and other Building Blocks and Security Templates that define the protection of the functions and menus. In other words, if the customer is using LDAP to authenticate users to use the Copy function, then after the RIP card is replaced, the LDAP configuration and the Copy function will no longer be protected.

Printer skew specifications

Abnormal skew printer correction

STEP ONE: The repair operator should evaluate the left edge of the paper to determine if the aligner is properly set. If the left vertical line is with the defined limit, parallel to the edge of the paper, the aligner is correct and properly set. If the left edge vertical line is not within the defined limit spec the repair operator can adjust the aligner at the repair station.

STEP TWO: The repair operator should evaluate the horizontal line at the top edge of the page for potential LSU induced skew. If the horizontal line does not fall within the defined limit or spec, then it is considered skewed and the printhead must be adjusted. See **"Polygon printhead mechanical registration adjustment" on page 284.**

Duplex skew specifications

	Side 1	Side 2
Print sequence through printer	2nd	1st
16 lb-to-24 lb	+/-0.007 mm/mm	+/-0.005 mm/mm
All Other Papers	+/-0.010 mm/mm	+/-0.005 mm/mm

	Side 1	Side 2
Card Stock	+/-0.007 mm/mm	+/-0.007 mm/mm
Paper, dual-Web paper labels	+/-0.010 mm/mm	+/-0.010 mm/mm
Vinyl, Polyester labels (less than or equal 92# liner)	+/-0.010 mm/mm	+/-0.010 mm/mm

Print registration

Initial adjustment (adjustable in increments of T=0.3mm, B=0.5mm, R and L=0.2mm):

- Left print position accuracy (scanning direction): +/-0.5mm - start on scan
- Top print position accuracy (feeding direction): +/-0.5 mm - start on scan
- Horizontal page width accuracy: +/-0.5mm - mirror motor
- Vertical page length accuracy: +/-0.5mm - drive motor

Print position error

The print position error can be measured at any point in the printable area using core media papers:

- Vertical (process): +/-0.7mm
- Horizontal (magnification): +/-0.7mm

Appendix B: Options and features

- “Available internal options” on page 765
- “Input options supported” on page 765
- “Output options supported” on page 765
- “Physical specifications (options)” on page 766

Available internal options

- Memory cards
 - Printer memory
 - Flash memory
 - Fonts
- Firmware cards
 - Bar Code
 - PrintCryption™
- Printer hard disk
- Lexmark™ Internal Solutions Ports (ISP)
 - RS-232-C Serial ISP
 - Parallel 1284-B ISP
 - MarkNet™ N8250 802.11 b/g/n Wireless ISP
 - MarkNet N8130 10/100 Fiber ISP
 - MarkNet N8120 10/100/1000 Ethernet ISP

Input options supported

- 550-sheet tray
- 550-sheet lockable tray
- 250-sheet tray (for MX71x machines only)
- 250-sheet lockable tray (for MX71x machines only)
- HCIT tray

Output options supported

- Mailbox
- Staple finisher
- Offset stacker

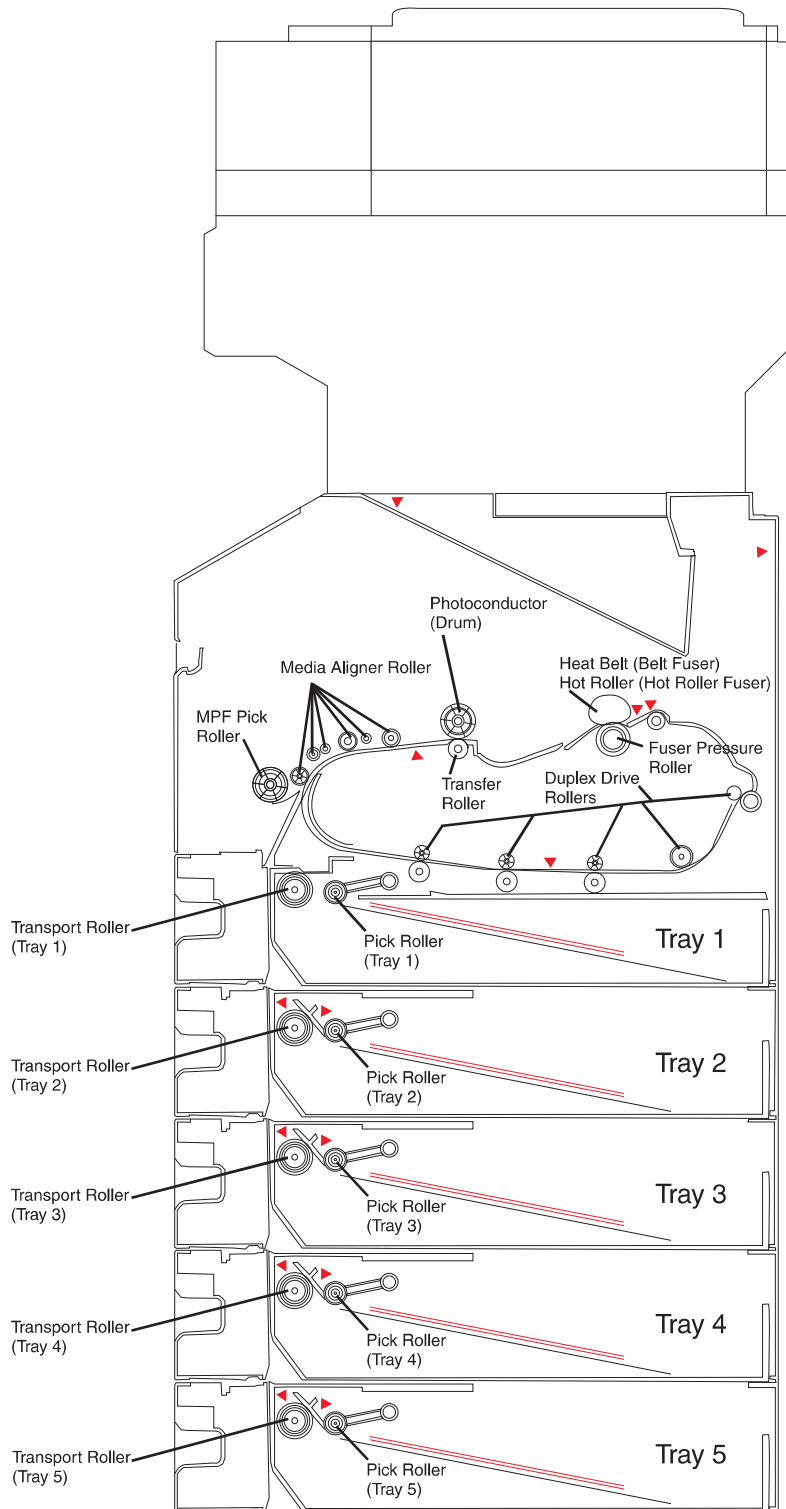
Physical specifications (options)

Item	Height	Width	Depth	Weight
250-sheet tray	85 mm (3.3 in.)	421 mm (16.6 in.)	510 mm (20.1 in.)	5 kg (11.0 lb)
550-sheet tray (MX71x)	110 mm (4.3 in.)	421 mm (16.6 in.)	510 mm (20.1 in.)	5.8 kg (12.8 lb)
550-sheet tray (MX81x)	110 mm (4.3 in.)	548 mm (21.6 in.)	535 mm (21.1 in.)	7.0 kg (15.4 lb)
2100-sheet tray (MX71x)	350 mm (13.8 in.)	421 mm (16.6 in.)	510 mm (20.1 in.)	17.7 kg (39 lb)
2100-sheet tray (MX81x)	351 mm (13.8 in.)	548 mm (21.6 in.)	535 mm (21.1 in.)	19.3 kg (42.6 lb)
Mailbox	271 mm (10.7 in.)	421 mm (16.6 in.)	384 mm (15.1 in.)	6.3 kg (13.9 lb)
Staple finisher	320 mm (12.6 in.)	433 mm (17.1 in.)	403 mm (15.9 in.)	7.0 kg (15.4 lb)
Offset stacker	320 mm (12.6 in.)	433 mm (17.1 in.)	403 mm (15.9 in.)	4.5 kg (9.9 lb)
Spacer	110 mm (4.3 in.)	421 mm (16.6 in.)	510 mm (20.1 in.)	3.4 kg (7.5 lb)

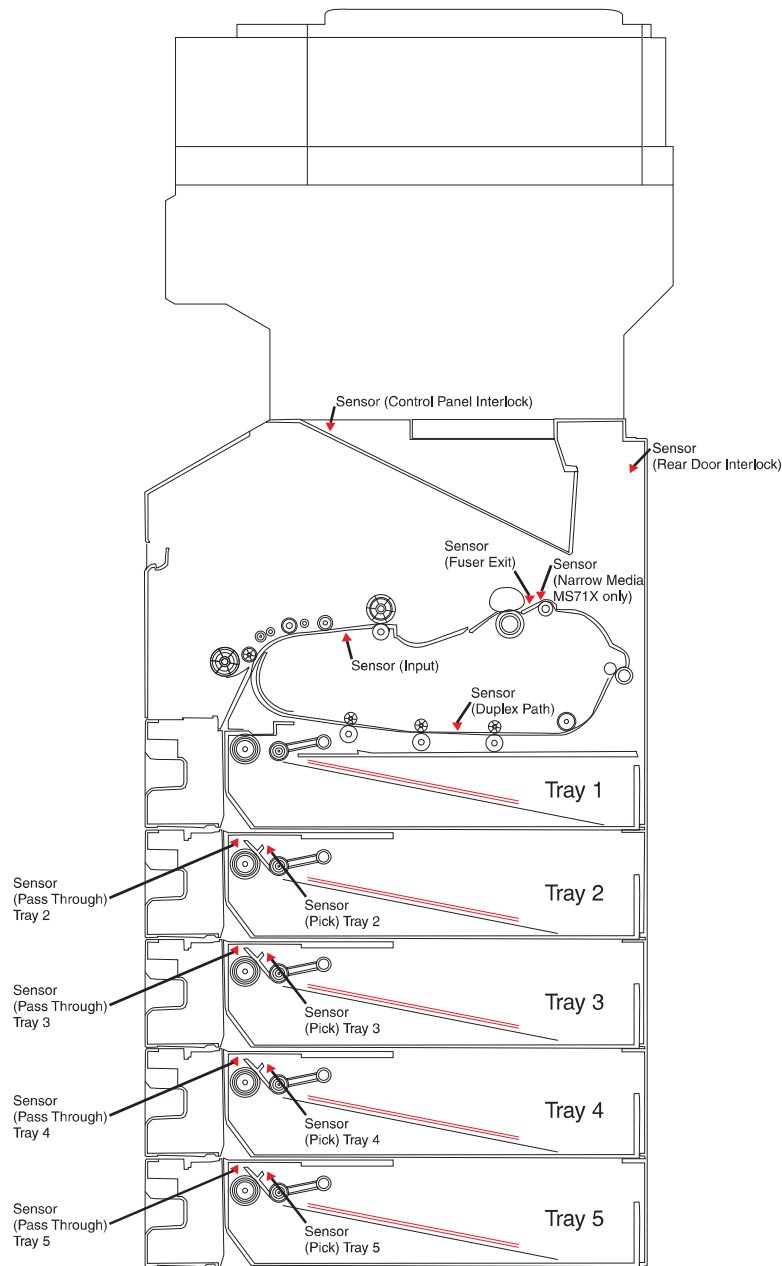
Appendix C: Theory of operation

- “Models MX81x and MX71x paper path rollers and sensors” on page 768
- “Models MX81x and MX71x sensors” on page 769
- “Functions of main components” on page 769
- “Media tray” on page 770
- “Multi-purpose feeder (MPF)” on page 770
- “Registration” on page 771
- “Duplex” on page 772
- “Transfer” on page 772
- “Printhead” on page 774
- “Fuser components” on page 775
- “Exit” on page 777
- “Drive” on page 777
- “Sensors” on page 779
- “Electrical components and controller” on page 780
- “Xerographic and print cartridge components” on page 781
- “Document scanning at ADF” on page 785
- “Document scanning at platen” on page 785
- “Names and functions of components” on page 786
- “Supported paper sizes, types, and weights” on page 790
- “Output options theory” on page 794

Models MX81x and MX71x paper path rollers and sensors



Models MX81x and MX71x sensors



Functions of main components

- **“Media tray assembly” on page 769**
- **“Rear media guide” on page 770**
- **“Side media guide” on page 770**

Media tray assembly

The media tray is used to contain the media that will be printed on by the printer.

Rear media guide

The rear media tray guide assembly can be adjusted to different media sizes by moving it to the front or rear and can be locked in position. The rear guide should come into contact with the media and hold it in position.

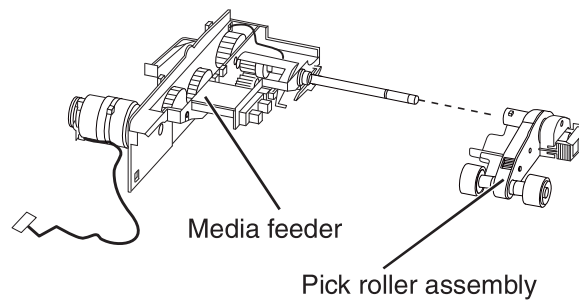
Side media guide

The media tray assembly is designed so that it can adjust to the media width in the media feed direction by moving the side guide to the left or right.

Media tray

- **“Media feeder” on page 770**
- **“Sensor (media size)” on page 770**
- **“Sensor (pick roller position)” on page 770**

Media feeder



The pick roller assembly which is part of the media feeder, is a mechanical unit supplying media from the media tray to the paper path. The driving force from the media feeder drive motor, is transmitted to the two pick rollers to feed media from the tray and is also used to lift the tray plate that is used to lift the media stack into contact with the pick rollers.

Sensor (media size)

The sensor (media size) detects the size of media supplied from each media tray assembly. A system of four switches is used to decode the media size, which is then sent to the controller board.

Sensor (pick roller position)

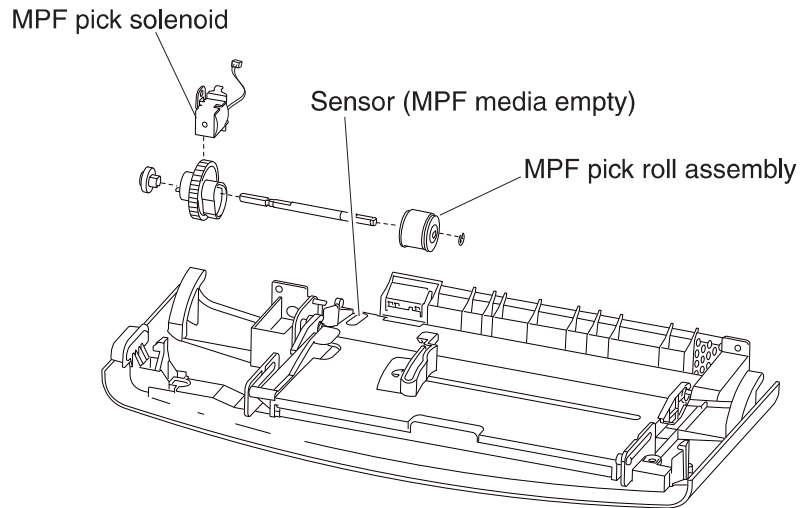
This sensor is used to determine if the lift plate in the paper tray is at the optimum position for media to properly pick. As media is fed out, clearance will occur between the media and the pick rollers. When the specified amount of clearance is determined by the sensor, the lift plate will be raised to position the media in the optimum position to be properly picked.

Multi-purpose feeder (MPF)

- **“MPF pick roller” on page 771**

- **“MPF pick solenoid” on page 771**

The MPF is a mechanical unit supplying media to the printer. The driving force from the main drive motor drive motor is transmitted to the MPF pick roller to feed media.



MPF pick roller

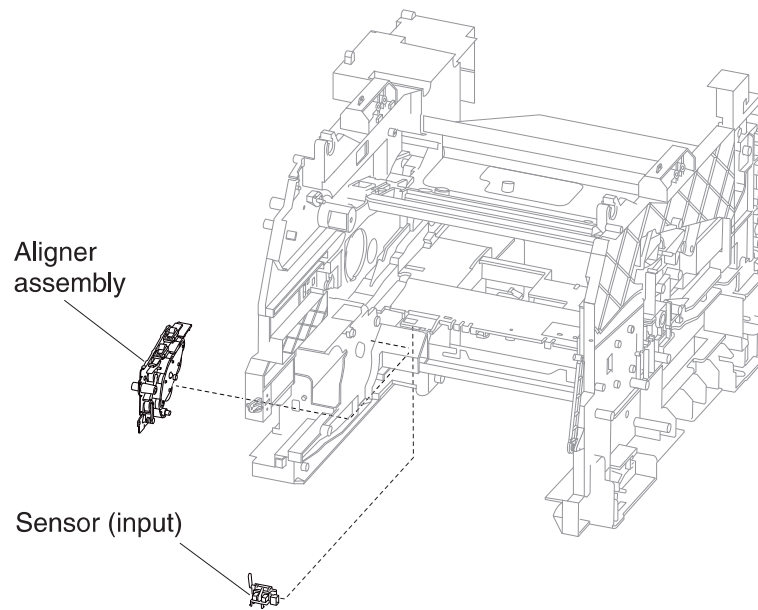
The MPF pick roller feeds the media placed in the MPF media tray into the printer.

MPF pick solenoid

The MPF pick solenoid transmits the driving force from the main drive motor assembly to the MPF pick roller.

Registration

- **“Sensor (input)” on page 772**



Sensor (input)

The sensor (input) is located just before the print cartridge and can detect whether media exists in the input path. The sensor is used to detect jams and to set functional timing.

Duplex

- **“Sensor (duplex path)” on page 772**

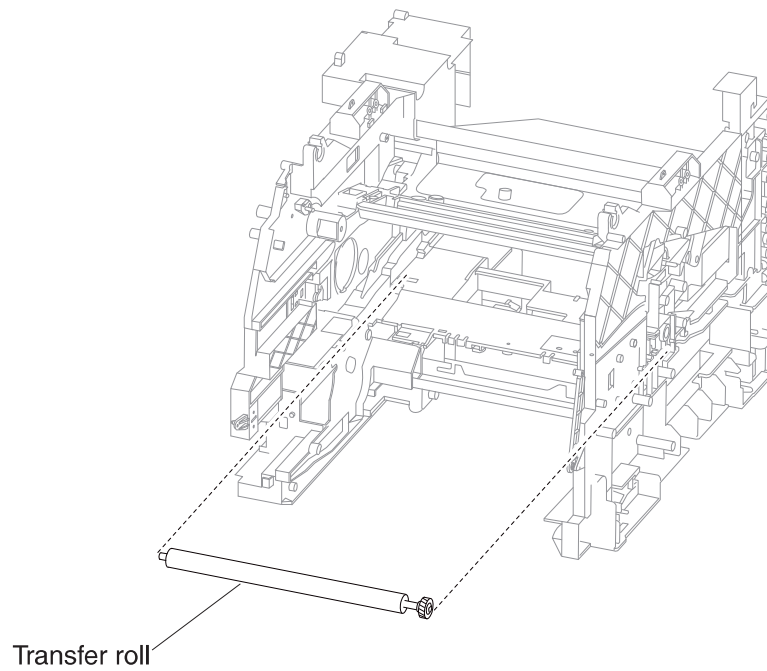
The printer has an integrated duplex that is used to provide two-sided printing. After the first side of the page is printed, the page enters the duplex path and then re-enters the primary paper path just before the input sensor. The second image is then printed on the reverse side of the paper.

Sensor (duplex path)

The media aligner roller is used to feed the media through the input path and to ensure that media is fed straight (not skewed) through the machine. The media aligner roller can be adjusted to correct media skew issues and should always be adjusted when it is replaced or removed.

Transfer

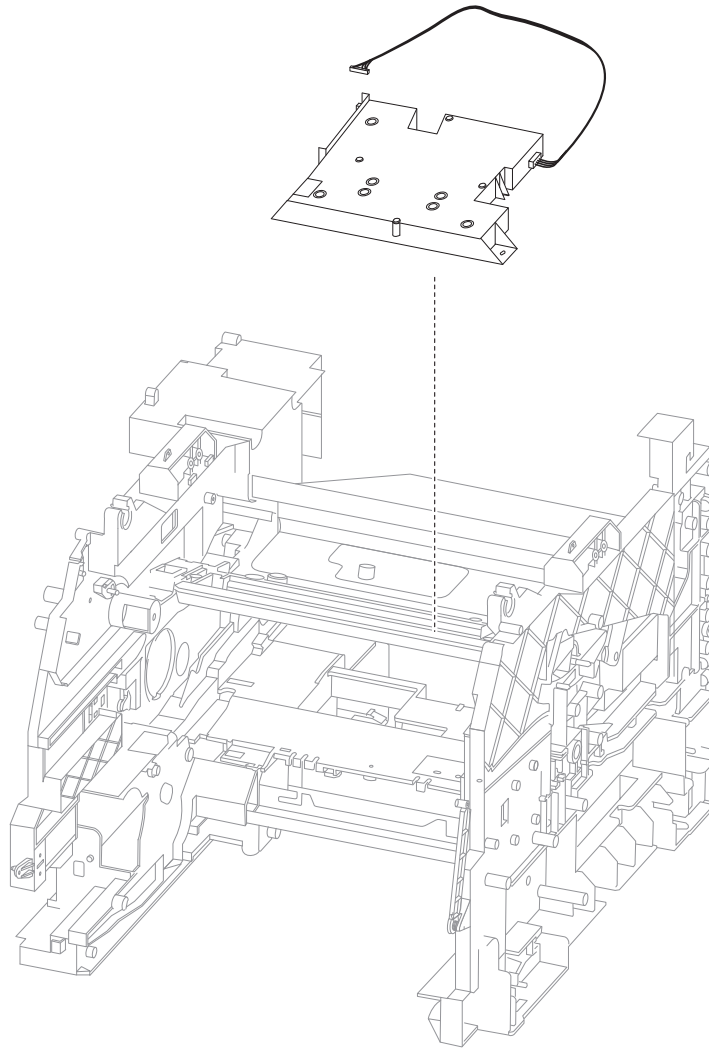
- **“Transfer roller” on page 773**



Transfer roller

The transfer roller applies charge to the rear surface of the media when the media passes between the transfer roller and photo conductor (drum). The toner image is transferred from the photo conductor (drum) surface to the media surface.

Printhead

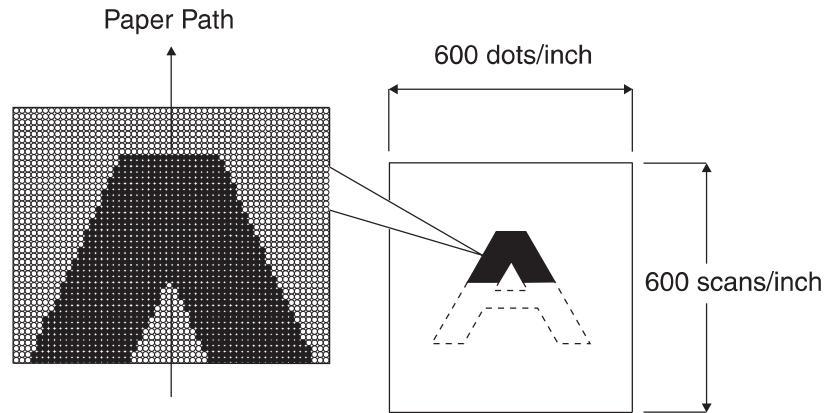


The printhead scans the photoconductor drum surface with a laser beam. It consists of four components: laser diode (LD) card assembly, printhead motor, polygon mirror, and the start of scan card assembly.

- 1 LD card assembly**—The LD card assembly generates the laser beam. The beam is turned on or off according to a print data signal coming from the controller board.
- 2 Printhead motor/polygon mirror**—The polygon mirror is mounted to the shaft of the printhead motor, and is rotated at a high speed by the printhead motor. The mirror rotation shifts the incidence and reflection angles of a laser beam to scan the photoconductor (drum) in a single direction. The laser beam reaches the polygon mirror as it passes through multiple lenses, mirrors, and windows. The laser beam then arrives at the photo conductor (drum) surface.
- 3 SOS card assembly**—When a laser beam hits the SOS sensor on the SOS card assembly, the beam is converted to an electrical signal (SOS signal), and detects the initial position where a scan starts on each line.

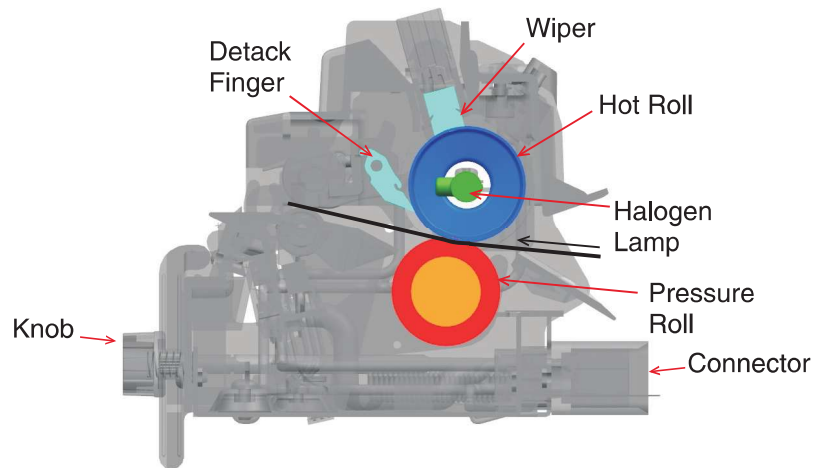
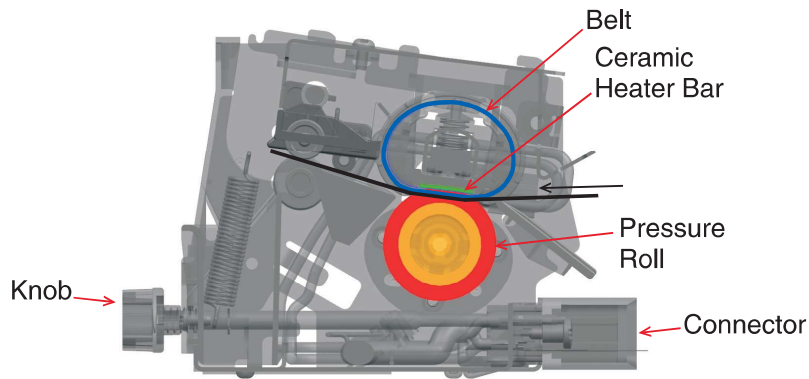
When a laser beam is scanned across the photoconductor (drum) surface from one end to the other while turning on and off the beam, one line of latent image is created. If the scanning by the laser beam is repeated while rotating the drum, a two-dimensional image is created. The resolution in the scanning direction (from right to left) is determined by the rotational speed of the printhead motor, depending on how quickly the laser is adjusted. The resolution in the process direction (from top to bottom) is determined by the rotational speed of the printhead motor. (The higher the scanning speed becomes, the sooner the scanning of the next row can be started.)

The following image is a conceptual diagram of an image created by scanning:



Fuser components

- “Heat belt (belt fuser)” on page 776
- “Pressure roll” on page 776
- “Thermistor” on page 776
- “Sensor (fuser exit)” on page 777



Heat belt (belt fuser)

The heat belt is a thin metal belt with a coated surface. This belt is heated by a ceramic heater bar. The heat is applied to the media passing between the heat belt and pressure roll, fusing the toner on the media.

Pressure roll

The pressure roll is used to apply pressure to the media surface for fusing. Pressure is applied to the media between the pressure roll and heat roll (or heat belt) to aid in the fusing process.

Thermistor

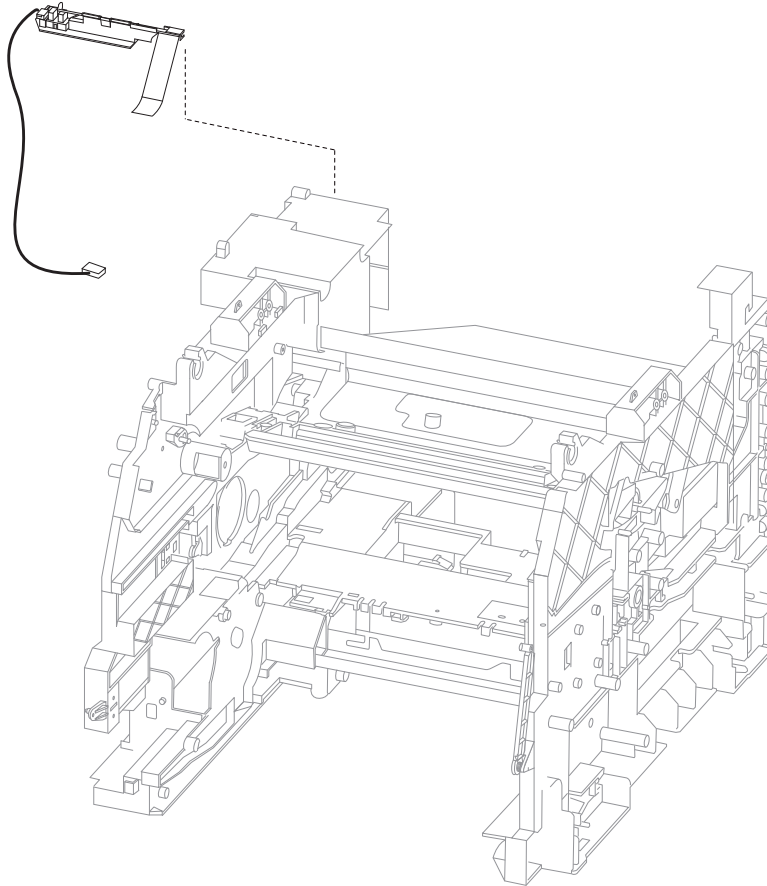
The thermistor monitors the surface temperature of the media-feed portion of the heat belt or heat roll to provide feedback to the controller board. This information is used to turn the ceramic heater or halogen lamp on and off to maintain the desired temperature.

Sensor (fuser exit)

The sensor (fuser exit) detects the arrival and departure of media as it passes through the fuser.

Exit

- “Sensor (standard bin full)” on page 777



The standard media exit ejects printed media from the printer to the standard bin .

Sensor (standard bin full)

The sensor (standard bin full), along with the standard bin full flag, detects whether the standard bin is full and stops the printing process.

Drive

- “Main drive motor assembly” on page 778
- “Fuser drive motor assembly” on page 778
- “Toner add motor assembly” on page 778
- “Redrive motor assembly” on page 778

Main drive motor assembly

The main drive motor is a DC motor that drives the imaging unit, aligner, and MFP.

Fuser drive motor assembly

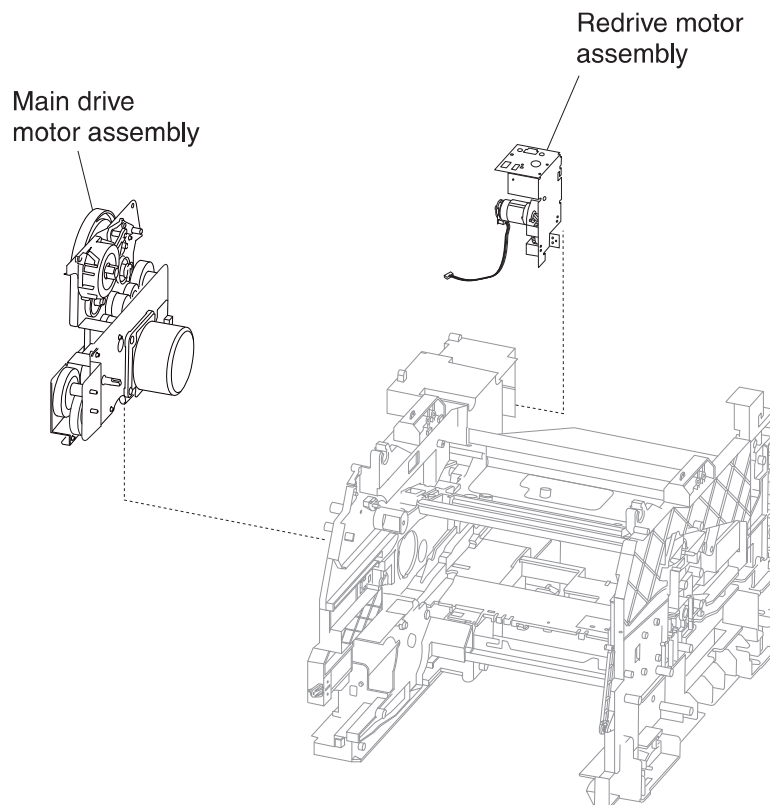
The fuser drive motor is a DC motor that drives the fuser.

Toner add motor assembly

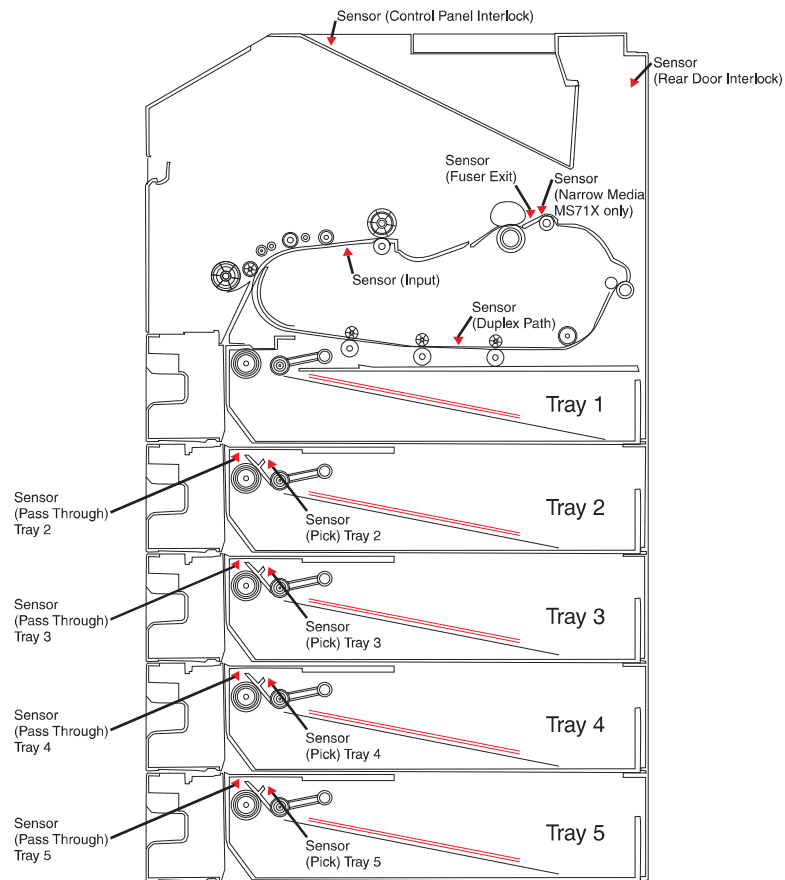
The toner add motor is a DC motor that drives the toner cartridge in order to provide new toner.

Redrive motor assembly

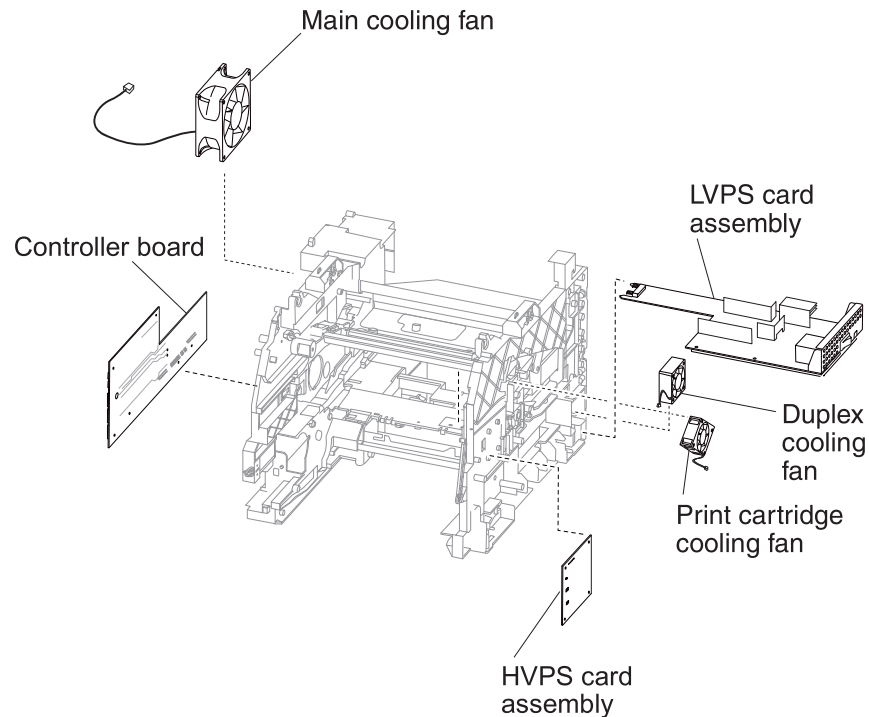
The redrive motor assembly is a DC motor that drives the redrive assembly that transports the media into the duplex path entrance, standard bin, or output option.



Sensors



Electrical components and controller



Sensor (control panel door interlock)

The sensor is a safety device to cut off a 24 VDC power supply from the LVPS to the high volt power supply (HVPS), controller board, and to the main drive motor assembly, while the control panel door is open.

Sensor (rear door interlock)

The sensor is a safety device to cut off a 24 VDC power supply from the LVPS to the HVPS, controller board, and to the main drive motor assembly, while the printer rear door is open.

Main cooling fan

The main cooling fan discharges air from the printer to provide cooling to this area of the printer.

Cartridge cooling fan

The imaging unit cooling fan discharges air from the print cartridge area to provide cooling to this area of the printer.

Duplex cooling fan

The Duplex cooling fan discharges air from the duplex drive motor area to provide cooling to this area of the printer.

LVPS board assembly

The LVPS board assembly generates 6.5V and 25V DC voltages. The LVPS can be switched to work with 100V, 110, and 220V machines.

HVPS board assembly

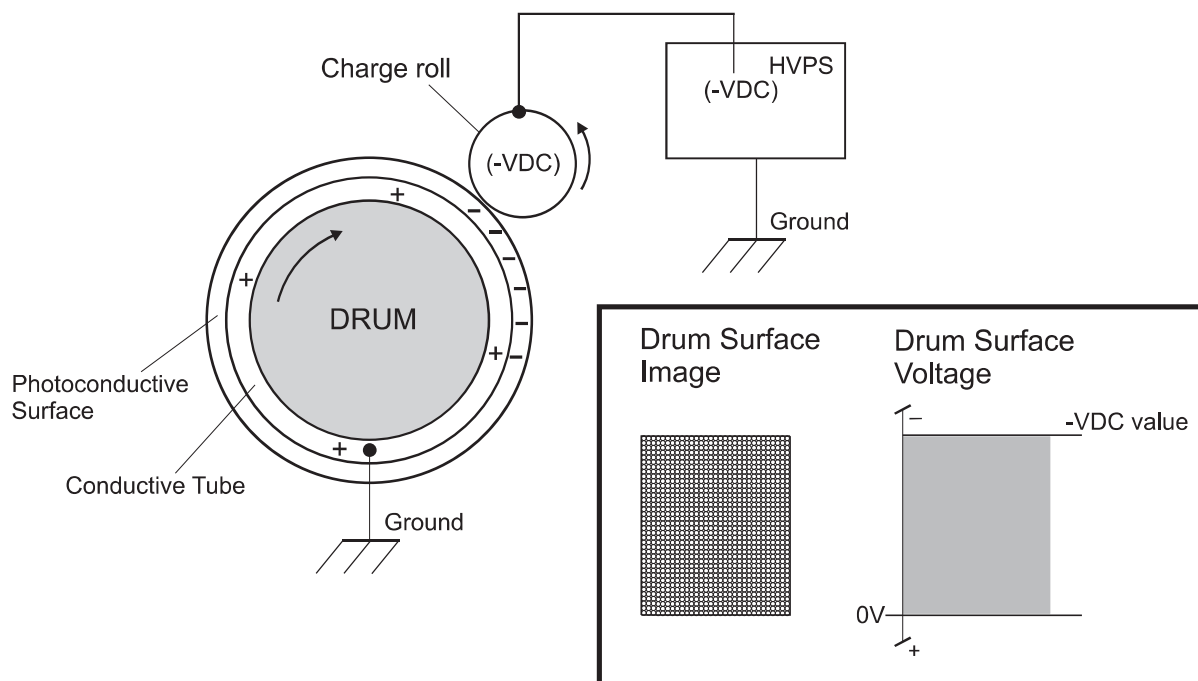
The HVPS board assembly generates and provides DC voltages to the developer roll, the transfer roller, and the charge roller (located in the imaging unit).

Controller board

The controller board controls printing operation based on the communication with the RIP controller and optional peripherals. It also controls toner dispense, fuser control, sensor switch feedback, drive motors, clutches, and solenoids.

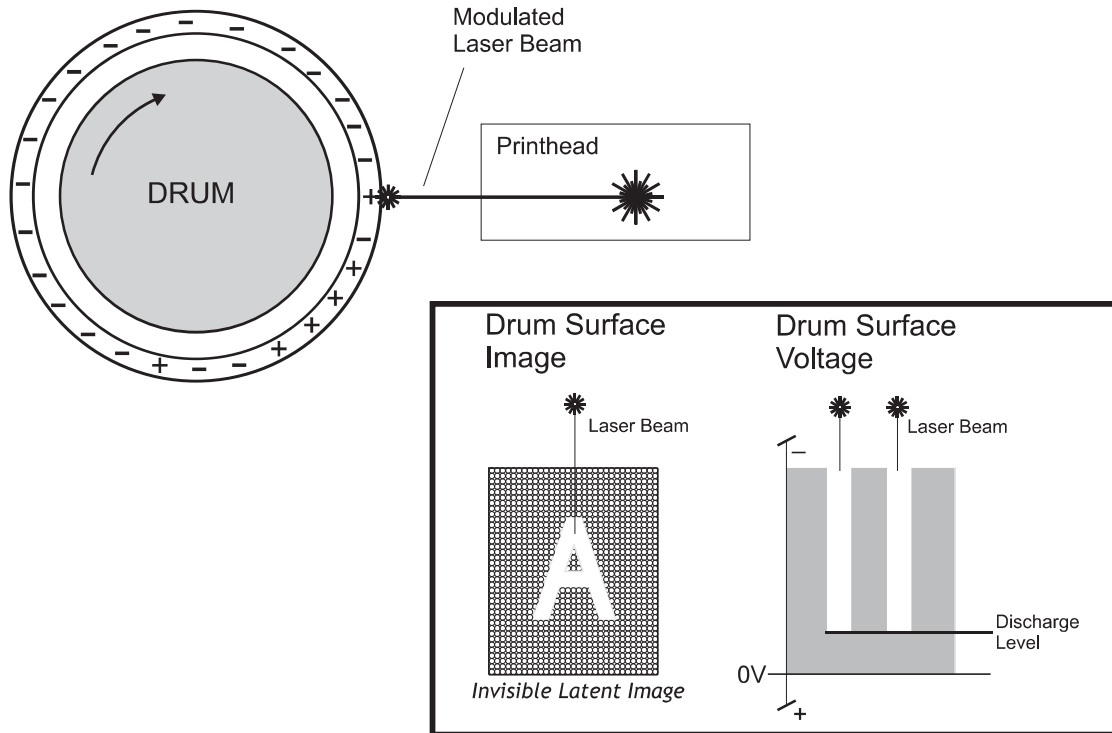
Xerographic and print cartridge components

Charge



The charge roller places a uniform negative electrostatic charge on the surface of the drum. The drum surface is made of a photoconductive material that holds an electrical charge as long as the drum remains in darkness. Light striking the drum discharges the surface charge.

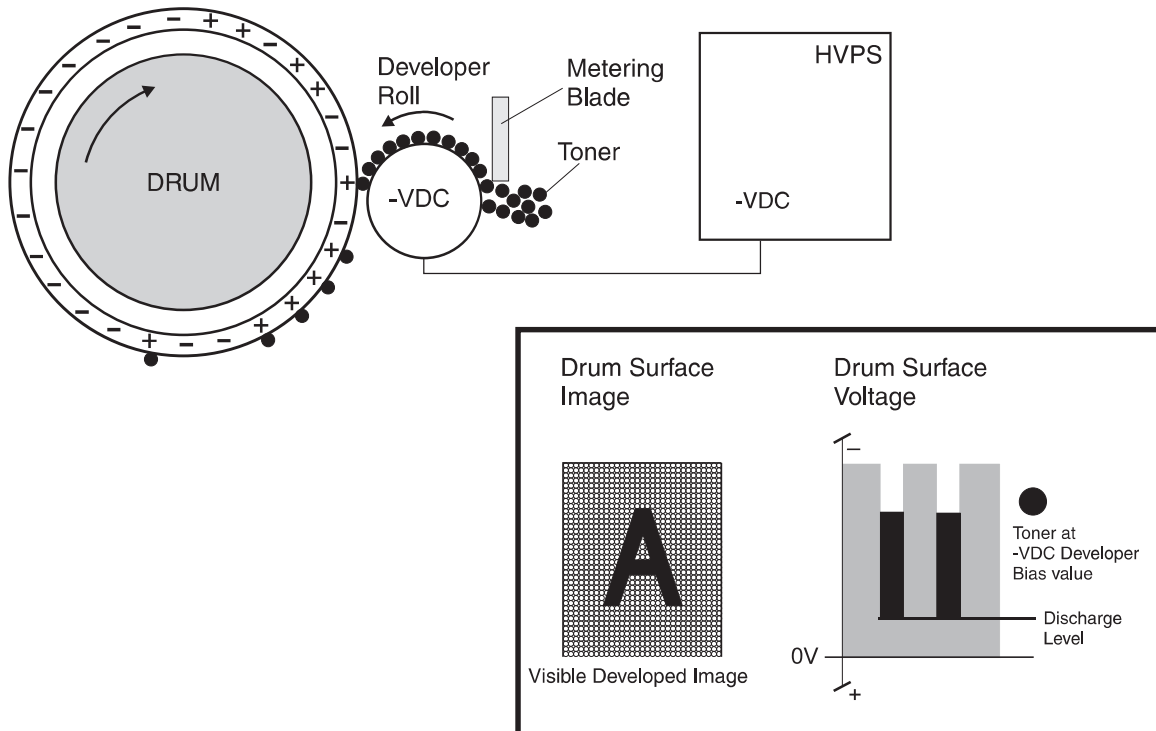
Exposure



The Printhead generates a beam of laser light. Image data received from the controller board assembly modulates this beam, turning it on and off according to image information that is received from the host computer and software.

Through the use of a series of rotating and stationary mirrors within the Printhead, the beam scans the negative charged drum surface. Whenever the print controller sends a command to print a black pixel, the laser switches on long enough to shine onto the drum at a single pixel point. That point is now discharged and slightly less negative than the surrounding negative charge. The less negative areas are considered positive. This discharge/no discharge process creates an invisible, electrostatic image on the surface of the drum. This image is called a latent image.

Development



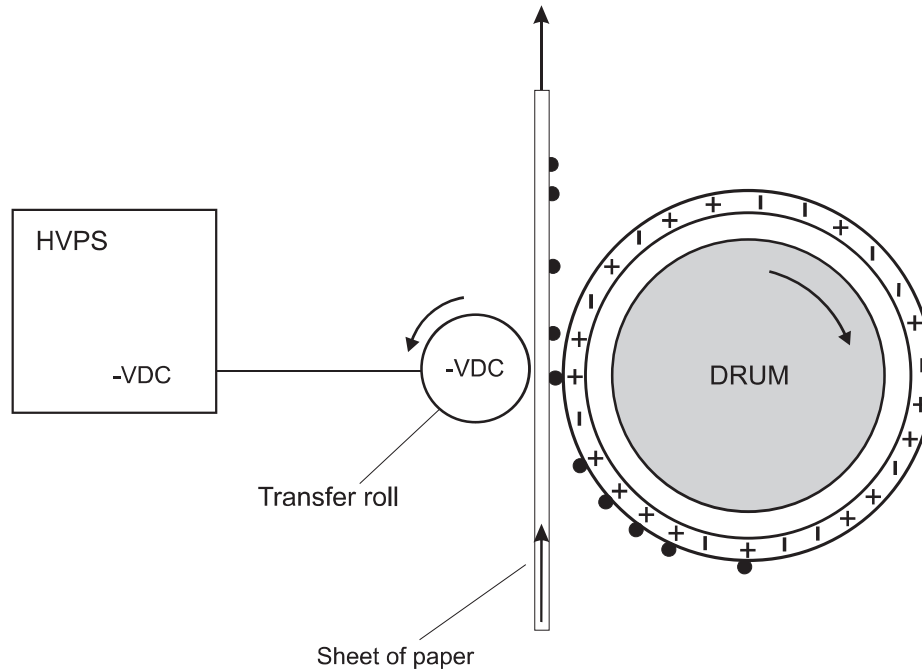
The toner contained within the PC cartridge has an electrical property that causes it to adhere to the development roller. The metering blade spreads the toner into a very thin layer on the development roller. Friction between the development roller and the CM blade development roller generates a small electrical charge that is transferred to the toner.

The surface of the developer roller is made up of a thin sheet of conductive material. The HVPS supplies the development roller with two voltages: a DC voltage and an AC voltage. The DC voltage is used to transfer toner from the development roller to the surface of the drum. The AC voltage agitates the toner on the development roller, making toner transfer easier.

The development roller maintains a negative DC electrical potential. Negative charged areas of the drum have a lower electrical potential, or higher relative negative value than the development roller. Discharged areas of the drum have a higher electrical potential, or lower relative negative value, than the development roller. A discharged point on the surface of the drum now appears less negative in relation to the negative charge on the development roller.

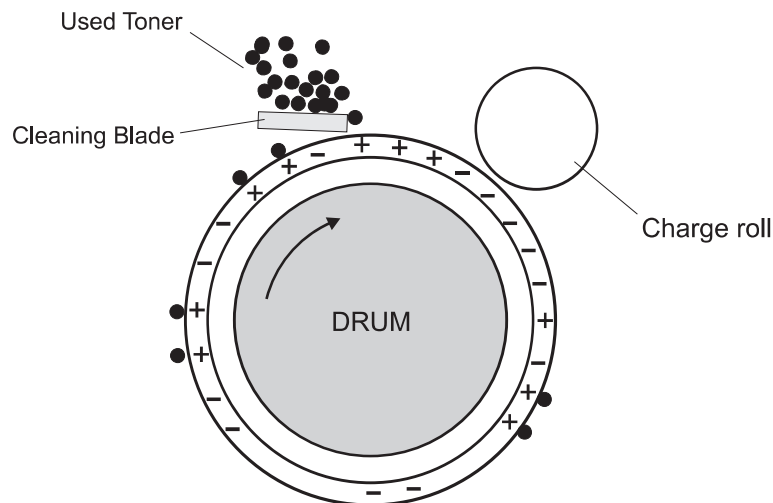
The toner adhering to the development roller is always in contact with the drum surface. When a less negative point on the drum (a discharged area) comes in contact with the more negative charged toner on the Magnet roller, toner transfers from the magnet roller to that point on the drum. There is now a visible toner image— developed image— on the drum surface.

Transfer



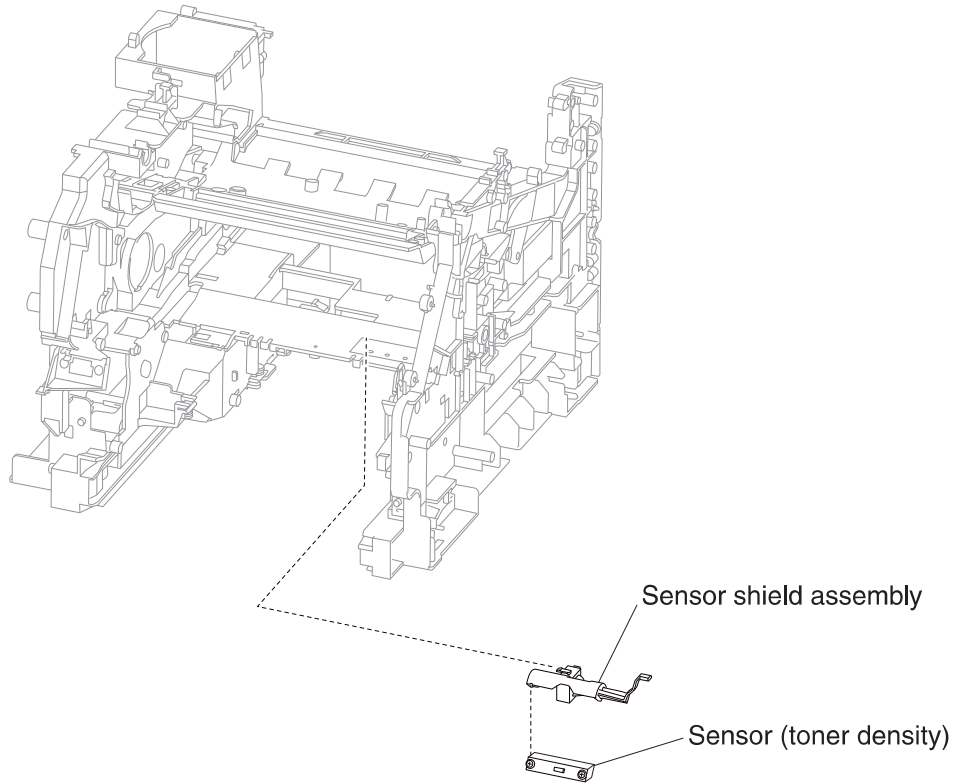
As the paper travels between the transfer roller and the photoconductor (drum), the Transfer roller applies a positive charge to the back of the printing paper. This positive charge transfers the negative charged toner image from the photoconductor (drum) to the top surface of the paper. The toner image is now on the paper and the paper is now stuck to the photoconductor (drum) due to the relative electrical differences between the negative electrical charge of the inner conductive layer of the drum and the positive electrical charge of the paper.

Cleaning



The cleaning blade removes any toner that remains on the drum after the transfer process. The toner that the cleaning blade removes is collected inside the sealed PC cartridge.

Auto density sensing

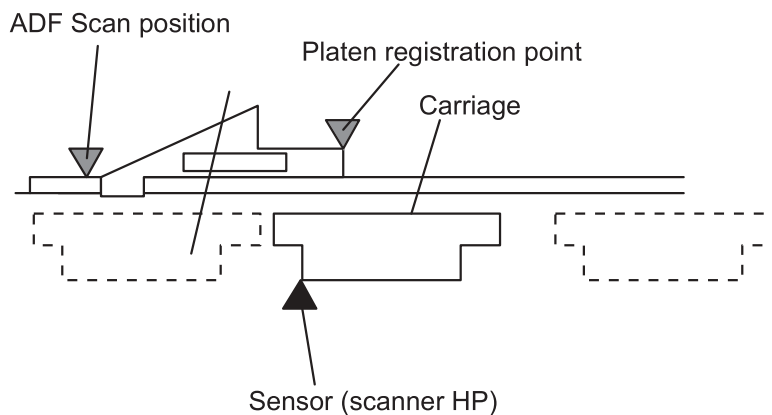


The image density sensor assembly uses a reflection type sensor that detects a pre-placed toner patch and image on the photoconductor (drum) and outputs pulses when the central line of the patch image aligns with the central line of the detector. The sensor outputs pulses at the timing the patch image passes the sensor. Therefore observing changes of intervals at which pulses are output leads to toner density detection.

Document scanning at ADF

The document scanning section of this machine consists of a scanner that reads a single-sheet document placed on the platen glass and a document feeder that can transport a multiple-sheet document for one or two-sided scanning.

Document scanning at platen



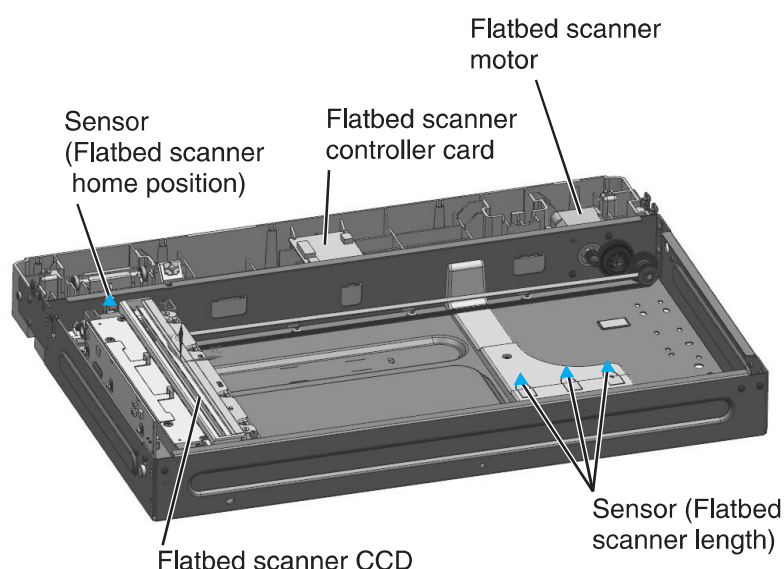
The operational overview of a document scanning at the platen:

- 1 The flatbed scanner CCD assembly travels to read the document.
- 2 The exposure lamp is installed on the flatbed scanner CCD assembly. As the flatbed scanner CCD assembly travels, the document on the platen glass is scanned and exposed with the exposure lamp.
- 3 The flatbed scanner CCD image sensor assembly reads the image data.
- 4 The ADF employs a constant velocity transport system that scans images by feeding the document at a constant speed over the specified position (scan position) where the carriage of the scanner unit assembly is fixed.

Names and functions of components

- “Flatbed scanner” on page 786
- “ADF components” on page 788

Flatbed scanner



- **Flatbed Scanner drive motor**—A stepping motor that drives the flatbed scanner CCD assembly.
- **Sensor (flatbed scanner home position)**—A sensor that detects the home position of the flatbed scanner CCD assembly.
- **Sensor (flatbed media length)**—A series of three sensors used to detect the length of the media placed on the platen.
- **Flatbed Scanner exposure lamp**—A LED lamp to which the document is exposed.
- **Flatbed CCD scanner**—The assembly that scans the original document.
- **Flatbed Scanner controller PCBA**—A card that controls the scanner section.

A document sheet set in the document tray assembly is fed through the ADF feed belt, ADF pick roll, and ADF separation roller assembly. The document image is scanned at the scan position, and the document sheet is ejected through the ADF feed-out roller assembly and the ADF exit roller assembly. For a duplex document sheet, the image on side 1 and the image on side 2 are scanned at the same time in the same pass.

Described below is the overview of the steps before document scanning and that of simplex and duplex document scanning modes.

Setting a document

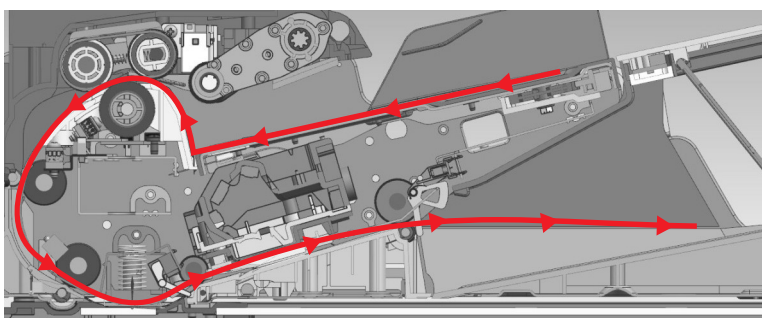
When a document is set on the document tray assembly and the lead edge is pushed into the tray until it stops, the sensor (ADF media present) becomes covered and the machine recognizes that the document has been set properly, turning on the media present LED.

Preparation for feed

Pressing the start button with the document set in the document tray will start feeding the document.

First, the pick roller moves down and presses the document on the document tray to enable document feed. The ADF tray lift motor then raises the ADF media tray to the correct position for media to be picked. The ADF pick roller, ADF feed belt and ADF separator roller are driven by the normal rotation of the ADF pick motor. The transport rollers are driven by the ADF transport motor.

Shown below is the document feed path from the ADF:



Simplex and duplex document feed

For two simplex document sheets, feed is performed in the following sequence:

- 1 The first document sheet is fed to the ADF transport roll assembly.
- 2 The document is fed to the ADF registration roll assembly, and then fed to the scan feed reference position.
- 3 The document sheet is fed at the feed speed corresponding to the selected magnification, and the image on it is scanned with the exposure lamp at the scan position.
- 4 As the image is scanned, the document sheet is fed and ejected by the ADF feed-out roll assembly and ADF exit roller assembly that are driven by the ADF transport motor.
- 5 When the trail edge of the first document sheet has passed through the sensor (ADF pick), the feed of the second document sheet starts.

Duplex document

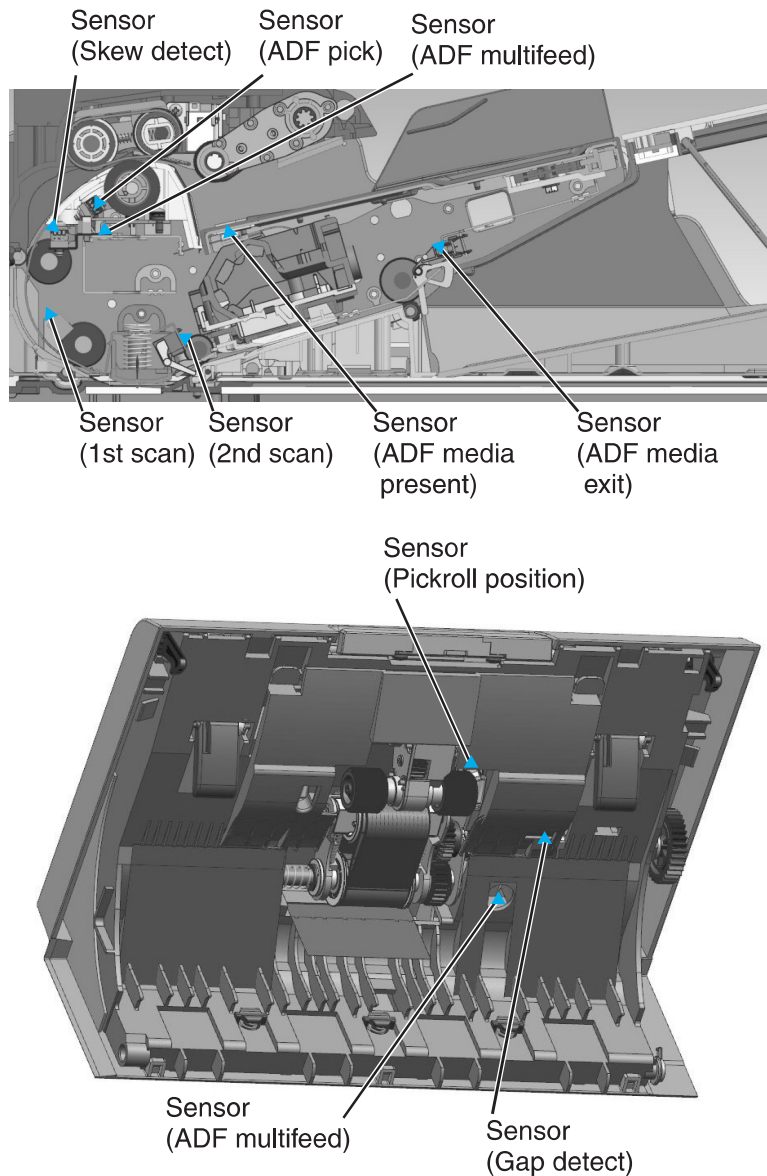
For duplex document sheets, feed is performed in the following sequence:

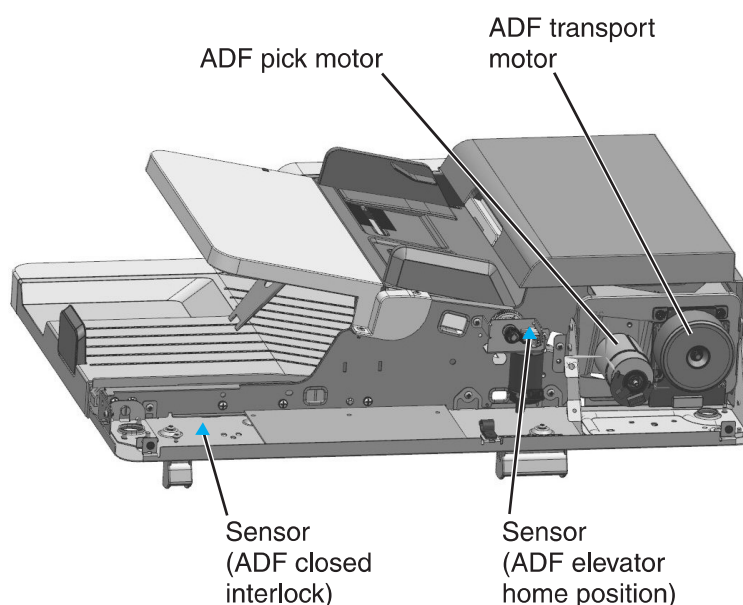
- 1 The first document sheet is fed to the ADF transport roller assembly.
- 2 The document is fed to the ADF registration roll assembly, and then fed to the scan feed reference position.

- 3 The document sheet is fed at the feed speed corresponding to the selected magnification, and the image on it is scanned with the exposure lamp at the scan position.
- 4 As the image is scanned on both sides, the document sheet is fed and ejected by the ADF feed-out roll assembly and ADF exit roll assembly that are driven by the ADF transport motor.

ADF components

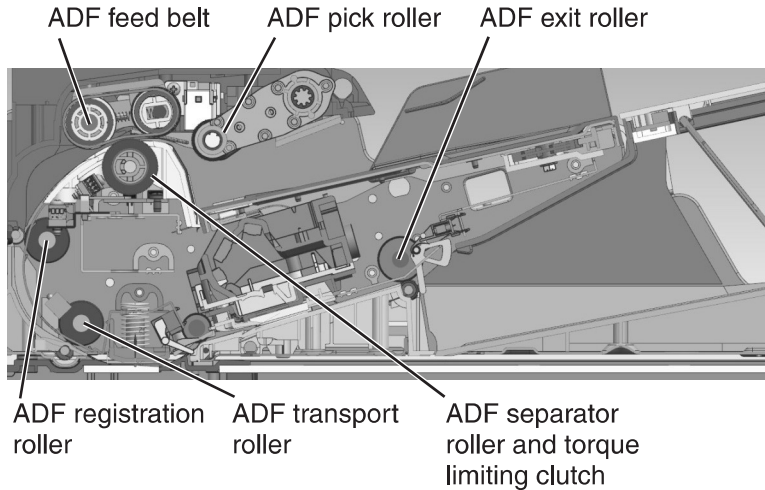
ADF electronic components





- **Sensor (ADF closed interlock)**—A sensor that detects whether the ADF is raised away from the flatbed scanner.
- **Switch (ADF top door interlock)**—A sensor that detects whether the ADF top door is open.
- **Switch (ADF lower door interlock)**—A sensor that detects whether the ADF lower door is open.
- **Sensor (ADF pick roller position)**—A sensor that detects the position of the pick roller relative to the position of the ADF lift tray.
- **Switch (ADF elevator tray home position)**—A sensor that detects the home position of the elevator tray.
- **Sensor (ADF media present)**—A sensor that detects the presence or absence of a document on the ADF document tray.
- **ADF media present LED**—An LED that illuminates when a document is set on the ADF Document Tray.
- **Sensor (ADF skew detect)**—A sensor that detects whether the original piece of media is skewed as it passes through the ADF media path.
- **Sensor (ADF gap detect)**—A sensor that detects the gaps between pieces of original media being fed to properly set timing sequences.
- **Switch (ADF hole detect)**—A sensor that detects whether the original piece of media contains punched holes.
- **Sensor (ADF pick)**—The ADF sensor (ADF pick) is installed immediately downstream from the pick roller to detect completion of document feed.
- **Sensor (ADF 1st scan)**—The ADF sensor (ADF 1st scan) is installed just upstream of the scanning surface and is used to for scanning timing operations.
- **Sensor (2nd scan)**—The ADF sensor (ADF 1st scan) is installed just down stream of the scanning surface and is used to for scanning timing operations.
- **Sensor (ADF media exit)**—The sensor (ADF media exit) is used to detect when scanned media has exited the ADF.
- **ADF feed motor assembly**—The feed motor assembly is a stepping motor that rotates the transport rollers.
- **ADF pick motor**—The ADF pick motor is a stepping motor that rotates the ADF pick roller, ADF feed belt and the ADF separator roller.
- **ADF CCD scanner**—The assembly that scans the back side of the original document.
- **ADF controller PCBA**—A card that controls the ADF unit assembly. The ADF controller card assembly is connected to and controlled by the Scanner controller card assembly.

ADF media feed and transport components



- **ADF pick roller**—This roller is used to begin the feed process into the ADF.
- **ADF feed belt**—This belt is used to feed the pick media into the ADF.
- **ADF separator roller and torque limiting clutch**—This roller and clutch are used to ensure that only a single sheet of media is fed into the ADF.
- **ADF registration roller**—This roller is used to set timings and remove skew from media that is being fed into the ADF.
- **ADF transport roller**—This roller is used to transport media through the ADF.
- **ADF exit roller**—This roller is used to feed media out of the ADF and into the ADF bin.

Supported paper sizes, types, and weights

- “Paper types and weights supported by the printer” on page 790
- “Paper sizes supported by the printer” on page 791
- “Paper sizes, types, and weights supported by the optional finishers” on page 792

The following tables provide information on standard and optional paper sources and the types of paper they support.

Note: For an unlisted paper size, select the closest *larger* listed size.

Paper types and weights supported by the printer

The printer engine supports 60–176-g/m² (16–47-lb) paper weights.

Paper type	250- or 550-sheet trays	2100-sheet tray	Multipurpose feeder	Duplex
Paper	✓	✓	✓	✓
Card stock	✓	x	✓	✓
Paper labels	✓	x	✓	x
Vinyl Labels	✓	x	✓	x

Paper type	250- or 550-sheet trays	2100-sheet tray	Multipurpose feeder	Duplex
Pharmacy labels	✓	x	✓	✓
Transparencies	✓	x	✓	x

Paper sizes supported by the printer

Paper size	Dimensions	Standard or optional 250- or 550-sheet trays	Optional 2100-sheet tray	Multipurpose feeder	Duplex
A4	210 x 297 mm (8.3 x 11.7 in.)	✓	✓	✓	✓
A5	148 x 210 mm (5.8 x 8.3 in.)	✓	✓	✓	✓
A6	105 x 148 mm (4.1 x 5.8 in.)	✓	x	✓	✓
JIS B5	182 x 257 mm (7.2 x 10.1 in.)	✓	x	✓	✓
Letter	216 x 279 mm (8.5 x 11 in.)	✓	✓	✓	✓
Legal	216 x 356 mm (8.5 x 14 in.)	✓	✓	✓	✓
Executive	184 x 267 mm (7.3 x 10.5 in.)	✓	x	✓	✓
Oficio	216 x 340 mm (8.5 x 13.4 in.)	✓	✓	✓	✓
Folio	216 x 330 mm (8.5 x 13 in.)	✓	✓	✓	✓
Statement	140 x 216 mm (5.5 x 8.5 in.)	✓	x	✓	✓
Universal	105 x 148 mm to 216 x 356 mm (4.13 x 5.83 in. to 8.5 x 14 in.)	✓	x	✓	✓
	70 x 127 mm to 216 x 356 mm (2.76 x 5 to 8.5 x 14 in.)	x	x	✓	x

Paper sizes, types, and weights supported by the optional finishers

Supported paper sizes

Paper size	4-bin mailbox	Offset stacker	Staple finisher	Staple, hole punch finisher
A6	✓	X	X	X
A5	✓	✓	✓ ²	✓ ²
JIS B5	✓	✓	✓ ¹	✓ ¹
Executive	✓	✓	✓ ¹	✓ ¹
Letter	✓	✓	✓	✓
A4	✓	✓	✓	✓
Legal	✓	✓	✓	✓ ³
Folio	✓	✓	✓	✓ ³
Statement	✓	✓	✓ ¹	✓ ¹
Universal	✓	X	✓ ⁴	X
¹ The finisher stacks the paper but does not staple or punch holes in it. ² The finisher staples the paper if it is loaded long edge first. ³ The finisher stacks and staples the paper but does not punch holes in it. ⁴ The finisher staples the paper if its width is between 8.27 and 8.54 inches.				

Supported paper types and weights

Paper type	Paper weight	4-bin mailbox	Offset stacker	Staple finisher	Staple, hole punch finisher
Plain paper	90–176 g/m ² (24–47 lb)	X	X	X	X
	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
Card stock	163 g/m ² (90 lb), grain long	X	✓	✓ *	✓ *
	199 g/m ² (110 lb), grain short	X	X	X	X
Transparency	146 g/m ² (39 lb)	X	✓	✓ *	✓ *
* The finisher stacks the paper but does not staple or punch holes in it.					

Paper type	Paper weight	4-bin mailbox	Offset stacker	Staple finisher	Staple, hole punch finisher
Recycled	90–176 g/m ² (24–47 lb)	x	x	x	x
	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
Paper labels	180 g/m ² (48 lb)	x	x	x	x
Vinyl labels	300 g/m ² (92 lb)	x	x	x	x
Dual web and Integrated	180 g/m ² (48 lb)	x	x	x	x
Polyester	220 g/m ² (59 lb)	x	x	x	x
Bond	90–176 g/m ² (24–47 lb)	x	x	x	x
	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
Envelope	105 g/m ² (28 lb)	x	x	x	x
Letterhead	90–176 g/m ² (24–47 lb)	x	x	x	x
	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
Preprinted	90–176 g/m ² (24–47 lb)	x	x	x	x
	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
Colored paper	90–176 g/m ² (24–47 lb)	x	x	x	x
	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
Light paper	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
Heavy paper	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
* The finisher stacks the paper but does not staple or punch holes in it.					

Paper type	Paper weight	4-bin mailbox	Offset stacker	Staple finisher	Staple, hole punch finisher
Rough/cotton	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
Custom type [x]	60–90 g/m ² (16–24 lb)	✓	✓	✓	✓
* The finisher stacks the paper but does not staple or punch holes in it.					

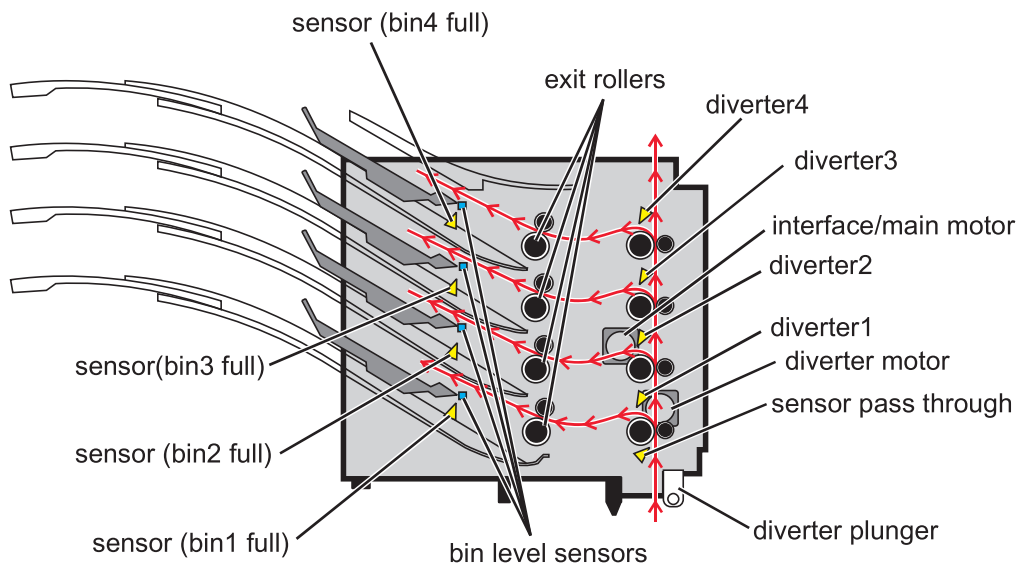
Output options theory

- “Mailbox theory” on page 794
- “Staple finisher theory” on page 795

Mailbox theory

The mailbox is capable of delivering printed media into multiple separate output destinations. This allows multiple users to automatically segregate the printed output. All of the user's printed outputs can be exited into the specific output bin assigned to him. The mechanism is controlled by a set of sensors that detect the media and drive motors that move the media along its paper path.

Mailbox paper path



When the mailbox is installed on top of the printer, the diverter plunger changes the position of the diverter below it. Since the diverter position of the printer below is opened, the printed paper will be re-routed. Instead of exiting the standard output bin, the media enters the mailbox. The movement of the diverter plunger can be controlled by its diverter motor, depending on the printer's commands.

Note: The diverter motor controls the diverter below it. Another way of saying it is that the diverter is controlled by the diverter motor of the output option above it.

The main motor drives the transport rollers which move the media along the paper path. The sensor (pass through) detects if the media has entered the mailbox. Four diverters control which way the media will go. If a diverter is opened, then media will pass through it and go to the next diverter above it. The media finally exits when it encounters a closed diverter.

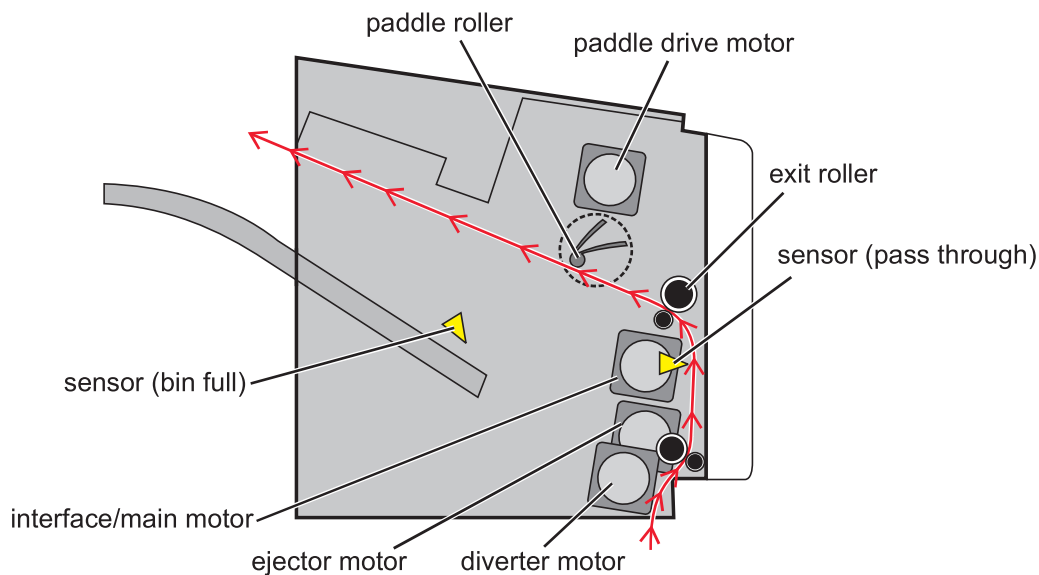
Upon exit, the media is fed out by the exit rollers towards the assigned output bin. The sensor (bin full) verifies if the media has exited. The media level on the output bin is detected by the actuator flag. When the output bin is full, the actuator flag triggers the sensor (bin full). A signal will be sent to the printer:

- to prompt the user to clear the output bin
- to change the direction of the paper path, re-routing it to another available output bin.

Staple finisher theory

The staple finisher is capable of compiling multiple pages and stapling them into one document. Motors drive the stapling process and sensors detect the media's position and location.

Staple finisher paper path



When the finisher is installed on top of the printer, the diverter plunger changes the position of the diverter below it. Since the diverter position of the printer below is opened, the printed paper will be re-routed. Instead of exiting the standard output bin, the media enters the staple finisher. The movement of the diverter plunger can be controlled by its diverter motor, depending on the printer's commands.

Note: The diverter motor controls the diverter below it. Another way of saying it is that the diverter is controlled by the diverter motor of the output option above it.

The main motor drives the rollers which move the media along the paper path. The sensor (pass through) detects if the media has entered the staple finisher.

Stapling process

Exit rollers move the media to the tamper where it will be prepared for stapling. Multiple pages can be stacked on the tamper before the document is stapled. The paddle drive motor rotates the paddle rollers for aligning the trailing edge of the pages. The paddle rollers align the trailing edges by pushing each page towards a wall. The left and right tampers compress to align the left and right edges of the document to be stapled. The document is then moved towards the stapler cartridge for stapling. A corner of the trailing edge is held by a paper clamping mechanism controlled by a solenoid. The other corner of the trailing edge is positioned on the stapler throat where it is stapled. When the staple job is done, the ejector motor drives the ejector belts which push the stapled document into the top of the output bin. Then the tampers move to release the document into the bin. The sensor (bin full) on the left and right side of the stapler detects if the media stacked on the bin is already full.

Appendix D: Acronyms

Acronyms

ASIC	Application-Specific Integrated Circuit
BLDC	Brushless DC Motor
BOR	Black Only Retract
C	Cyan
CCD	Charge Coupled Device
CCP	Carbonless Copy Paper
CRC	Cyclic Redundancy Check
CSU	Customer Setup
CTLS	Capacitance Toner Level Sensing
DIMM	Dual Inline Memory Module
DRAM	Dynamic Random Access Memory
EDO	Enhanced Data Out
EP	Electrophotographic Process
EPROM	Erasable Programmable Read-Only Memory
ESD	Electrostatic Discharge
FRU	Field Replaceable Unit
GB	Gigabyte
HCF	High-Capacity Feeder
HCIT	High-Capacity Input Tray
HCOF	High-Capacity Output Finisher
HVPS	High Voltage Power Supply
ITU	Image Transfer Unit
K	Black
LCD	Liquid Crystal Display
LDAP	Lightweight Directory Access Protocol
LED	Light-Emitting Diode
LVPS	Low Voltage Power Supply
M	Magenta
MB	Megabyte
MFP	Multi-Function Printer
MPF	Multipurpose Feeder
MROM	Masked Read Only Memory

MS	Microswitch
NVM	Nonvolatile Memory
NVRAM	Nonvolatile Random Access Memory
OEM	Original Equipment Manufacturer
OPT	Optical Sensor
PC	Photoconductor
pel, pixel	Picture element
POR	Power-On Reset
POST	Power-On Self Test
PSD	Position Sensing Device
PWM	Pulse Width Modulation
RIP	Raster Imaging Processor
ROM	Read Only Memory
SDRAM	Synchronous Dual Random Access Memory
SIMM	Single Inline Memory Module
SRAM	Static Random Access Memory
TPS	Toner Patch Sensing
UPR	Used Parts Return
V ac	Volts alternating current
V dc	Volts direct current
VTB	Vacuum Transport Belt
Y	Yellow

Index

A

acronyms **797**
 ADF components **788**
 ADF edge erase **257**
 ADF skew adjustment
 back side **288**
 deskew roller **289**
 front side **287**
 adjustments
 media aligner roller adjustment **283**
 polygon printhead mechanical registration **284**
 avoiding jams **32**

B

base sensor test **243**
 blank pages **42**
 buttons, printer control panel **229**

C

cartridge cooling fan
 print theory **780**
 removal **400**
 change history **27**
 cleaning
 printer exterior **670**
 printhead lenses **671**
 scanner glass **670**
 cleaning the machine **665**
 configuration menu
 A4 fuser **261**
 A5 loading **262**
 action for prompts **259**
 ADF edge erase **257**
 automatically display error screens **264**
 clear supply usage history **263**
 clearing custom status **263**
 conserve energy **255**
 disable scanner **258**
 disk encryption **260**
 download emuls **255**
 envelope prompts **259**
 erase all information on disk **260**
 event log **254**
 Factory Defaults **255**
 fax low power support **256**
 font sharpening **261**
 format fax storage **256**

 jobs on disk **260**
 key repeat initial delay **263**
 key repeat rate **263**
 LES applications **262**
 menu settings page **253**
 min copy memory **256**
 num pad job assist **256**
 paper prompts **258**
 PPDS emulation **254**
 print quality pages **253**
 require standby **261**
 reset roller kit counter **252**
 reset separator roll and pick assembly counter **252**
 roller kit counter value **252**
 safe mode **255**
 scanner manual registration **257**
 size sensing **254**
 UI automation **262**
 USB pnp **264**
 USB scan to local **253**
 USB speed **264**
 wipe all settings **261**
 configuration mode
 accessing **252**
 connectors **649**
 ADF controller board **660**
 controller board **649**
 flatbed controller board **662**
 control panel **230**
 controller board
 operator panel, removing with **268**
 print theory **781**
 removal **386**
 controller board access cover
 removal **387**
 controller board access shield
 removal **388**
 copy skew correction **294**

D

device tests
 disk test/clean **244**
 flash test **245**
 quick disk **244**
 diagnostics
 registration **232**
 diagnostics menu
 automatic darkness adjustment **248**

- base sensor test **243**
- beacons test **237**
- button test **234**
- charge roll voltage **248**
- clear event log **250**
- defaults **245**
- disk test/clean **244**
- display event log **249**
- diverter test **241**
- DRAM test **235**
- duplex feed 1 test **239**
- duplex feed 2 test **239**
- duplex quick test **237**
- duplex sensor test **238**
- duplex top margin **238**
- edge to edge **246**
- engine settings **246**
- EP defaults **247**
- exit diagnostics **250**
- feed test (finisher) **242**
- feed to all bins test **241**
- flash test **245**
- fuser page count **247**
- fuser temperature **247**
- gap adjust **248**
- hole punch test **242**
- input tray feed test **239**
- input tray sensor tests **240**
- installed licenses **249**
- menu settings page **249**
- motor test **238**
- output bin feed tests **240**
- output bin sensor test **241**
- panel test **234**
- parallel strobe adjustment **246**
- permanent page count **246**
- print contrast **248**
- print event log **250**
- print log summary **250**
- print quality pages **234**
- printed page count **246**
- processor ID **246**
- quick disk **244**
- staple test **242**
- transfer **248**
- USB HS test mode **236**
- warm up time **247**
- diagnostics mode
 - accessing **232**
- disable scanner **258**
- display, printer control panel **229**

- document scanning
 - print theory **785**
- duplex (MX71x)
 - removal **365**
- duplex (MX81x)
 - removal **366**
- duplex cooling fan
 - removal **401**
- duplex exit diverter
 - removal **314**
- duplex motor
 - removal **345**
- duplex tests
 - feed 1 test **239**
 - feed 2 test **239**
 - motor test **238**
 - quick test **237**
 - sensor test **238**
 - top margin **238**

E

- electrostatic-sensitive parts **267**
- embedded solutions **268**
- energy
 - conserving **255**
- environment specifications **761**
- EP setup
 - automatic darkness adjustment **248**
 - charge roll voltage **248**
 - EP defaults **247**
 - fuser page count **247**
 - fuser temperature **247**
 - gap adjust **248**
 - print contrast **248**
 - transfer **248**
 - warm up time **247**
- error codes
 - 0-99.99 **98**
 - 100.xx **106**
 - 242.01-245.46 **164**
 - 28x.xx **118**
 - 300-399.99 **149**
 - 400-499.99 **183**
 - 84x.xx **118**
 - 9xx error messages **140**
 - key **36**
- ESD-sensitive parts **267**
- eSF solutions **268**
- event log
 - print log **250**
 - print log summary **250**

F

finisher
 finishing features **792**
 supported paper sizes **792**
 finisher features **792**
 finisher sensors
 tests **243**
 finisher tests
 feed test (finisher) **242**
 hole punch test **242**
 staple test **242**
 flatbed scanner **786**
 format fax storage **256**
 fuser
 identify the type **667**
 removal **347**
 fuser access door
 removal **349**
 fuser drive motor
 removal **388**
 fuser drive motor assembly
 print theory **778**
 fuser maintenance kits **667**

H

hardware tests
 beacons test **237**
 button test **234**
 DRAM test **235**
 panel test **234**
 USB HS test mode **236**
 heat belt (belt fuser)
 print theory **776**
 horizontal bottom contact connector **273**
 horizontal sliding contact connector **279**
 horizontal top contact connector **270**
 HVPS
 print theory **781**
 removal **402**

I

inner guide deflector
 removal **318**
 input tray tests
 feed tests **239**
 sensor tests **240**
 inspection guide **665**
 invalid code, fixing **264**
 invalid engine mode
 accessing **264**

J

jams, clearing **54**
 behind rear door **65, 74**
 in duplex area **82**
 in finisher rear door **94**
 in mailbox rear door **93**
 in multipurpose feeder **88**
 in rear expander door **92**
 in standard bin **73**
 in staple finisher **95**
 in the tray **83**

L

laser notices **21**
 laser printhead
 removal **320**
 left frame pivot
 removal **350**
 left inner cover
 removal **305**
 low insertion force (LIF) connector **282**
 lubrication
 guidelines **670**
 LVPS
 print theory **781**
 removal **403**

M

main cooling fan
 print theory **780**
 removal **390**
 main drive motor
 removal **391**
 main drive motor assembly
 print theory **778**
 maintenance counter **669**
 maintenance kit
 resetting the counter **669**
 media feeder
 print theory **770**
 removal **393**
 media size actuator
 removal **375**
 media squareness check **291**
 media tray
 removal **374**
 media tray assembly
 print theory **769**
 media turn guide
 removal **325**

- media vertical guide
 - removal **326**
- menus
 - diagram of **231**
- menus diagram **231**
- min copy memory **256**
- MPF feeder lift plate
 - removal **328**
- MPF pick roller
 - print theory **771**
 - removal **331**
- MPF pick solenoid
 - print theory **771**
- MPF tray
 - removal **333**

N

- network SE menu
 - accessing **265**
- notices **2**
- num pad job assist **256**

O

- operating clearances **760**
- operator panel
 - controller board, removing with **268**
- Options
 - Available internal options **765**
- options
 - input options supported **765**
 - output options supported **765**
- output bin sensor cover
 - removal **356**
- output bin tests
 - diverter test **241**
 - feed tests **240**
 - feed to all bins test **241**
 - sensor test **241**

P

- paper
 - characteristics **29**
 - letterhead **31**
 - preprinted forms **31**
 - recycled **31**
 - selecting **30**
 - storing **29, 32**
 - unacceptable **31**
- paper characteristics **29**
- paper jams
 - locations **52**

- numbers **52**
- paper jams, clearing
 - 230–234 **74**
 - behind rear door **65**
 - in duplex area **82**
 - in finisher rear door **94**
 - in mailbox rear door **93**
 - in multipurpose feeder **88**
 - in rear expander door **92**
 - in standard bin **73**
 - in staple finisher **95**
 - in the tray **83**
 - inside the printer **54**
- paper path rolls, print theory **768**
- paper sizes
 - supported **791**
- paper types
 - supported **790**
- paper weights
 - supported **790**
- parts catalog legend **673**
- PCBA housing
 - removal **394**
- pick roller
 - removal **377**
- POR sequence **36**
- power-on reset sequence **36**
- pressure roll
 - print theory **776**
- preventive maintenance **670**
- print irregularities **41**
- print quality
 - initial check **38**
- print quality troubleshooting
 - background shading **50**
 - blank pages **42**
 - gray background on prints **39**
 - horizontal voids appear on prints **40**
 - print irregularities **41**
 - shadow images appear on prints **43**
 - skewed print **44**
 - solid black pages **43**
 - streaked horizontal lines appear on prints **45**
 - streaked vertical lines appear on prints **47**
 - toner fog **50**
 - toner rubs off **51**
 - toner specks appear on prints **48**
 - white streaks **49**
- print skew correction **292**
- print theory
 - ADF components **788**
 - document scanning **785**

- flatbed scanner **786**
- paper path rollers **768**
- scanner **786**
- sensors **768, 769**
- xerographic and print cartridge components **781**
- printer
 - finishing features **792**
- printer control panel **230**
- printer messages
 - 200–201 **54**
- printer setup
 - defaults **245**
 - edge to edge **246**
 - parallel strobe adjustment **246**
 - permanent page count **246**
 - printed page count **246**
 - processor ID **246**
- printer skew specifications **762**
- printhead
 - print theory **774**
- printhead lenses
 - cleaning **671**

R

- rear lower cover
 - removal **309**
- rear media guide
 - print theory **770**
- recovery mode
 - accessing **265**
- recycled paper
 - using **31**
- redrive motor assembly
 - print theory **778**
- registration **232**
- removal
 - fuser access door **349**
- removal procedures
 - tips **295**
- removals
 - 10-inch display **409**
 - 10-inch display (MX81x) **413**
 - 10-inch tilting display **438**
 - 250/550-sheet media tray option **521**
 - 550-sheet media tray option **560**
 - 7-inch tilting display **438**
 - ADF and scanner **445**
 - ADF assembly **448**
 - ADF bottom door **449**
 - ADF controller card **454**
 - ADF door **455**
 - ADF feed belt **456**

- ADF float plate with springs **457**
- ADF front cover **459**
- ADF front side drive parts pack **460**
- ADF input tray **461**
- ADF left hinge **463**
- ADF left lower cover **464**
- adf lift tray **466**
- ADF pick roller **468**
- ADF pick roller cover **467**
- ADF push button switch sensor **469**
- ADF rear cover **470**
- ADF rear side drive parts pack **472**
- ADF right hinge **472**
- ADF scanner CCD **450**
- ADF separation guide **473**
- ADF separator roller **474**
- ADF tray lift drive **480**
- bin extension **484**
- cartridge cooling fan **400**
- cartridge door **353**
- column left front cover **296**
- column left outer cover **297**
- column right inner cover **298**
- column right outer cover **300**
- control panel (MX71x) **414**
- control panel (MX81x) **417**
- control panel board (MX71x) **421**
- control panel board (MX81x) **422**
- control panel buttons **442**
- control panel cover **441**
- control panel front cover **426**
- control panel latch **428**
- control panel left bezel **429**
- control panel right bezel **431**
- control panel speaker **443**
- deskew idler shaft **484**
- drawer assembly left cover **524, 563**
- drawer assembly rear cover **523, 562**
- drawer controller PCBA **525, 564**
- drawer lower interface cable **527, 566**
- drawer media feeder **528, 567**
- drawer pick roller **522, 561**
- drawer transport motor **530, 569**
- drawer upper interface cable **526, 565**
- duplex cooling fan **401**
- duplex exit diverter **314**
- duplex front flap **368**
- duplex motor **345**
- duplex rear flap **369**
- first scan roll drive gear (40t) **485**
- flatbed assembly **499**
- flatbed glass cushion **504**

flatbed scanner CCD **506**
 flatbed scanner drive parts kit **510**
 flatbed scanner front cover **502**
 flatbed scanner glass **513**
 flatbed scanner left cover **505**
 flatbed scanner PCBA **515**
 flatbed scanner right cover **506**
 flatbed tension pulley with belt **516**
 front door **316**
 fuser **347**
 fuser drive motor **388**
 HCIT **537, 576**
 HCIT and drawer assembly **537, 576**
 HCIT controller PCBA **547, 582**
 HCIT drawer assembly **537, 576**
 HCIT drawer assembly interface cable **552, 587**
 HCIT drawer assembly left cover **543, 580**
 HCIT drawer assembly rear cover **542, 580**
 HCIT drawer assembly right cover **545, 581**
 HCIT front cover **539, 578**
 HCIT lift drive motor **550, 585**
 HCIT media feeder **557, 592**
 HCIT media guide **538, 577**
 HCIT pick arm assembly **541, 579**
 HCIT separator roll assembly **538, 577**
 HCIT top cover assembly **548, 583**
 HVPS **402**
 inner guide deflector **318**
 interrupt with flag sensor (2nd scan) **486**
 interrupt with flag sensor (ADF media exit) **487**
 laser printhead **320**
 left control panel hinge **432**
 left cover (MX71x) **301**
 left cover (MX81x) **303**
 left frame extension (MX71x) **370**
 left frame extension (MX81x) **372**
 left frame pivot **350**
 left inner cover **305**
 LVPS **403**
 magnetic clutch **489**
 mailbox assembly **624**
 mailbox belt **642**
 mailbox controller PCBA **631**
 mailbox divert motor **636**
 mailbox left cover **630**
 mailbox lower interface cable **634**
 mailbox media bin full flag **638**
 mailbox output bin led assembly **644**
 mailbox rear door **624**
 mailbox right cover **626**
 mailbox solenoid **628**
 mailbox spring with string **627**
 mailbox top cover **624**
 mailbox upper interface cable **636**
 main cooling fan **390**
 main drive motor **391**
 media aligner roller **323**
 media feeder **393**
 media stack flap (left) **603**
 media stack flap (right) **602**
 media tray assembly **521, 560**
 media tray front cover **522, 561**
 media tray separation roller **521, 560**
 media turn guide **325**
 media vertical guide **326**
 MPF feeder lift plate **328**
 MPF pick roller **331**
 multifeed sensor parts kit **490**
 MX71x control panel **414**
 offset stacker controller PCBA **613**
 offset stacker left cover **597**
 offset stacker lower interface cable **611**
 offset stacker option **595**
 offset stacker rear door **595**
 offset stacker spring with string **601**
 offset stacker top cover **599**
 paddle drive motor **610**
 PCBA housing **394**
 pick roller **377**
 power switch **406**
 rear door **307**
 rear lower door (MX81x) **310**
 right control panel hinge **435**
 right cover (MX81x) **312**
 right frame extension **381**
 right frame extension (MX81x) **383**
 right frame pivot **351**
 right inner cover (MX71x) **313**
 scanner unit **497**
 sensor (1st scan) **476**
 sensor (ADF elevator tray home position) **477**
 Sensor (ADF gap detect) **492**
 sensor (ADF lower door interlock) **478**
 sensor (ADF pick) **494**
 sensor (ADF skew detect) **495**
 sensor (ADF top door interlock) **479**
 sensor (bin full receive) **615**
 sensor (bin full send) **614**
 sensor (cartridge door interlock) **621**
 sensor (control panel interlock) **396**
 sensor (document set receiver) **493**
 sensor (drawer pass through) **531, 570**
 sensor (duplex path) **378**
 sensor (finisher bin media present) **607**

- sensor (HCIT closed) **588**
- sensor (HCIT media low) with flag **553**
- sensor (HCIT pick) **556, 591**
- sensor (input) **335**
- sensor (mailbox bin full receive) **639**
- sensor (mailbox divert motor) **633**
- sensor (pick roll position) **522, 561**
- sensor (pick roll position), HCIT **554**
- sensor (pick roll position, HCIT) **589**
- sensor (pick roller position) **397**
- sensor (pick) **533, 572**
- sensor (stacker bin media present) **607**
- sensor (standard bin full) **356**
- sensor (toner density) **336**
- sensor (tray 1 media out) **379**
- sensor rear door interlock **352**
- separation roll drive gear (29t) **496**
- separator roller **381**
- standard bin cover (MX71x) **357**
- standard bin cover (MX81x) **359**
- standard bin LED board **440**
- standard output bin led **606**
- staple finisher option **595**
- stapler carriage assembly **620**
- stapler cartridge access door **619**
- stapler controller PCBA **613**
- stapler door close limit switch **621**
- stapler left cover **597**
- stapler lower interface cable **611**
- stapler rear door **595**
- stapler right cover **617**
- stapler spring with string **601**
- stapler top cover **599**
- tamper drive belt **609**
- tamper motor (left) **608**
- tamper motor (right) **608**
- tilting display **438**
- toner add motor **398**
- transfer roller left arm with cable **338**
- transfer roller right arm **339**
- upper redrive **363**
- upper redrive motor **361**
- USB cable **444**
- reports
 - event log **254**
 - menu settings page **253**
- right cover
 - removal **311**
- right frame pivot
 - removal **351**

S

- safe mode **37**
- safety information **24, 35**
- Scanner calibration
 - menu settings page **233**
- Scanner configuration **256**
- scanner glass
 - cleaning **670**
- scanner manual registration **257**
- scanning
 - print theory **785**
- schedule for inspection **665**
- scheduled maintenance
 - fuser maintenance kits **667**
- SE menu **265**
- security
 - security reset jumper **761**
- security reset jumper **761**
- security settings **761**
- security, data **33**
- selecting paper **30**
- sensor (control panel door interlock)
 - print theory **780**
- sensor (control panel interlock)
 - removal **396**
- sensor (duplex cooling fan)
 - print theory **780**
- sensor (duplex path)
 - print theory **772**
- sensor (fuser exit)
 - print theory **777**
- sensor (input)
 - print theory **772**
 - removal **335**
- sensor (pick roller position)
 - print theory **770**
 - removal **397**
- sensor (rear door interlock)
 - print theory **780**
- sensor (standard bin full)
 - print theory **777**
 - removal **356**
- sensor (tray 1 media out)
 - removal **379**
- sensor media size
 - print theory **770**
- sensor rear door interlock
 - removal **352**
- sensors
 - print theory **779**
- sensors, print theory **768, 769**

- serial wrap test **235**
- service checks troubleshooting
 - network service check **0**
- service engineer (SE) menu **265**
 - accessing **265**
- service manual conventions **27**
- shadow images appear on prints **43**
- side guide
 - print theory **770**
- skew
 - ADF skew adjustment, back side **288**
 - ADF skew adjustment, deskew roller **289**
 - ADF skew adjustment, front side **287**
 - copy skew correction **294**
 - polygon printhead mechanical registration adjustment **284**
 - print skew correction **292**
- solid black pages **43**
- specifications
 - acoustics **760**
 - environment **761**
 - operating clearances **760**
 - physical **766**
 - power **759**
 - processor **761**
- standard bin cover
 - removal **357**
- storing
 - paper **32**
- streaked horizontal lines appear on prints **45**
- streaks appear **49**
- supported paper sizes **791**
- supported paper types **790**
- supported paper weights **790**

T

- tests
 - finisher sensors **243**
- theory of operations
 - mailbox **794**
 - staple finisher **795**
- thermistor
 - print theory **776**
- toner add motor
 - removal **398**
- toner add motor assembly
 - print theory **778**
- tools, required **33**
- top cover
 - removal **314**
- transfer roller
 - print theory **773**

- removal **342**
- transfer roller left arm with cable
 - removal **338**
- troubleshooting
 - ADF printer symptoms **206**
 - base printer symptoms **203**
 - initial check **35**
 - options symptoms **207**
- troubleshooting, print quality
 - background shading **50**
 - blank pages **42**
 - gray background on prints **39**
 - horizontal voids appear on prints **40**
 - print irregularities **41**
 - shadow images appear on prints **43**
 - skewed print **44**
 - solid black pages **43**
 - streaked horizontal lines appear on prints **45**
 - streaked vertical lines appear on prints **47**
 - toner fog **50**
 - toner rubs off **51**
 - toner specks appear on prints **48**
 - white streaks on a page **49**
- troubleshooting, service checks
 - network service check **0**

U

- upper redrive
 - removal **363**
- upper redrive motor
 - removal **361**

V

- vertical mount contact connector **276**
- vertical voids appear **49**
- voids appear **49**

X

- xerographic and print cartridge components **781**

Z

- zero insertion force (ZIF) connectors **269**

Part number index

P/N	Part name	Page
40X0269	Power cord LV, USA & Canada, Latin America.....	757
40X0271	Power cord HV, United Kingdom, Asian, Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam, Afghanistan, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka, Tibet, & Hong Kong.....	757
40X0273	Power cord HV, Chile, Uruguay.....	757
40X0275	Power cord, HV, Israel.....	757
40X0288	Power cord HV, Argentina.....	757
40X0301	Power cord HV, Australia & New Zealand.....	757
40X0303	Power cord, HV PRC.....	757
40X0387	USB-A interface device	755
40X1592	Lexmark MarkNet N7020e (4 port USB) Ethernet 10BaseT/100BaseTX/1000BaseT	755
40X1593	Lexmark MarkNet N7000e (1 port USB) Ethernet 10Base/100BaseTX.....	755
40X1594	Lexmark MarkNet N7002e (1 port Parallel) Ethernet 10BaseT/100BaseTX	755
40X1766	Power cord HV, Bolivia & Peru.....	757
40X1772	Power cord HV, Switzerland.....	757
40X1773	Power cord HV, South Africa, Namibia, Lesotho, Botswana & Pakistan.....	757
40X1774	Power cord HV, Denmark, Finland, Norway, Sweden.....	757
40X1791	Power cord LV, Taiwan.....	757
40X1792	Power cord, HV, Korea.....	757
40X3141	Power cord HV, Paraguay, Austria, Belgium, France, Germany, Italy, Netherlands, Bluemark, Czech & Solvic countries, Greece, Hungary, Medmark 1, Medmark 2, Arabic, Poland, Russia, CIS, Spain, Portugal, & Ireland.....	757
40X3609	Power cord 100 V, Japan.....	757
40X4596	Power cord LV, Brazil PPB kits.....	757
40X4819	RS232C serial adapter.....	755
40X4823	PARALLEL 1284-B THCK adapter.....	755
40X4826	N8120 GIGABIT INA adapter.....	755
40X4827	N8130 10/100 fiber adapter.....	755
40X5315	SHIP-WITH ISP (2PER) screw.....	755
40X5316	14 PIN JST-FOR ISP cable.....	755
40X5317	Tee with thumbscrew standoff.....	755
40X7445	DDR3-512Mx32 2GB RAM card.....	755
40X7567	DDR3-256Mx32 1GB-400MHZ RAM card.....	755

P/N	Part name	Page
40X7573	Standard tray beacon and cable.....	679
40X7574	Main motor cable.....	690
40X7575	Top option interface cable.....	694
40X7576	Fuser drive motor cable.....	690
40X7577	Fuser data cable.....	684
40X7578	HVPS.....	686
40X7579	Main cooling fan with cable.....	690
40X7580	Cartridge cooling fan.....	690
40X7581	MX81x Return Program Fuser Type 03, 110-120V A4.....	684
40X7582	Transfer roller.....	686
40X7583	Media turn guide.....	682
40X7584	Duplex exit diverter.....	682
40X7585	Recoil spring.....	682
40X7586	Media vertical guide.....	682
40X7587	Inner guide deflector.....	682
40X7588	Fuser access door (MX81x).....	682
40X7589	Fastener plate.....	694
40X7590	M5x12 screw.....	694
40X7591	Media feeder.....	702
40X7591	Media feeder	728
40X7592	Interrupt sensor.....	702
40X7592	Interrupt sensor.....	702
40X7592	Interrupt sensor (MX71x).....	687
40X7592	Mailbox sensor (divert motor).....	748
40X7592	Sensor (cartridge door interlock).....	746
40X7592	Mailbox sensor (divert motor).....	748
40X7592	Sensor (ADF lower door interlock).....	712
40X7592	Sensor (cartridge door interlock).....	746
40X7593	Pick roller assembly.....	702
40X7593	Pick roller	728
40X7594	Main drive motor.....	690
40X7595	Fuser drive motor.....	690
40X7596	Toner add motor with cable.....	690
40X7597	Laser printhead (quad diode).....	687

P/N	Part name	Page
40X7598	MPF feeder lift plate with cable.....	702
40X7599	Media aligner roller with MPF pick roller.....	702
40X7600	MPF pick roller.....	702
40X7601	MPF feed roller flange.....	702
40X7602	Upper redrive.....	682
40X7604	Output bin guide.....	676, 679
40X7605	Transfer roller left arm with cable.....	686
40X7606	Transfer roller right arm.....	686
40X7607	Sensor (input).....	686
40X7608	ADF front indicator.....	713
40X7667	Duplex front flap.....	692
40X7668	Duplex rear flap.....	692
40X7676	LVPS.....	686
40X7678	Rear door.....	676
40X7682	Upper redrive motor with cable.....	690
40X7683	Internal duplex with cable.....	692
40X7684	Duplex motor with cable.....	690
40X7685	Toner level / imaging unit high voltage contact.....	686
40X7686	Sensor (toner density).....	686
40X7688	Input sensor cable.....	686
40X7689	Imaging unit smart chip contact with cable.....	687
40X7690	Torsion spring.....	676, 678
40X7691	Sensor (standard bin full) with output bin guide.....	687
40X7692	Toner cartridge smart chip contact with cable.....	687
40X7693	Sensor (control panel interlock).....	686
40X7695	Duplex cooling fan.....	690
40X7697	Sensor (duplex path) with cable.....	692
40X7699	HVPS/toner cartridge fan cable.....	686
40X7706	MS71x & MS81x Roller Kit.....	755
40X7707	Printhead power cable.....	687
40X7708	Printhead video cable.....	687
40X7712	MPF feeder solenoid.....	702
40X7713	Separator roller assembly.....	702
40X7713	Separator roller assembly.....	728

P/N	Part name	Page
40X7714	Imaging unit clamp.....	694
40X7715	Front door support link.....	678
40X7716	Toner cartridge lock.....	694
40X7717	Toner cartridge clamp.....	694
40X7718	Torsion spring.....	694
40X7719	Torsion spring.....	694
40X7720	Torsion spring.....	694
40X7721	Torsion spring.....	694
40X7722	Controller board access shield (MX81x).....	686
40X7723	Torsion spring.....	692
40X7724	Recoil spring (MX81x).....	694
40X7725	MPF tray.....	678
40X7726	Rear door support.....	676, 678
40X7727	Left frame extension (MX71x).....	694
40X7728	Right frame extension (MX71x).....	694
40X7730	Torsion spring.....	678, 696
40X7731	Torsion spring.....	678, 696
40X7732	Left frame pivot.....	694
40X7733	Right frame pivot.....	694
40X7734	MX81x Return Program Fuser Type 04, 220-240V Letter.....	684
40X7742	550-sheet tray.....	730
40X7742	550-sheet tray insert (MX71x).....	702
40X7743	MX81x Return Program Fuser Type 00, 110-120V Letter.....	684
40X7744	MX81x Return Program Fuser Type 01, 220-240V A4.....	684
40X7745	MX81x Return Program Fuser Type 02, 100V A4.....	684
40x7748	ADF assembly (MX81x).....	704
40X7749	ADF feed belt.....	710
40X7751	Magnetic clutch.....	710
40X7752	ADF front cover w/ lightpipe (MX81x)	706
40X7753	ADF rear cover	706
40X7754	ADF left lower cover	707
40X7755	ADF top door w/o beacon and MF sensor (MX71x)	706
40X7756	Bin extension	706
40X7757	Gear (29t), separation roll drive.....	710

P/N	Part name	Page
40X7758	Gear (40t), 1st scan roll drive.....	710
40X7759	ADF pick roller cover	707
40X7760	ADF separation guide	707
40X7761	ADF bottom door (MX81x)	706
40X7762	ADF right hinge	706
40X7763	ADF left hinge	706
40X7765	ADF assembly (MX710).....	704
40X7766	Flatbed glass cushion	706
40X7767	ADF front side drive parts pack.....	710
40X7768	ADF tray lift drive.....	710
40X7769	ADF rear side drive parts pack.....	710
40X7770	Cable parts pack	713
40X7771	ADF controller card.....	712
40X7772	ADF float plate w/ springs	706
40X7774	ADF pick roller.....	710
40X7775	ADF separator roller.....	710
40X7776	Interrupt w/ flag sensor (ADF 2nd scan).....	712
40X7777	Interrupt w/flag sensor (ADF exit).....	712
40X7778	Push button switch sensor (ADF closed).....	712
40X7779	Sensor (ADF 1st scan)	712
40X7780	ADF input tray	706
40X7781	ADF lift tray	706
40X7782	Flatbed scanner (MX81x)	720
40X7783	Flatbed scanner glass	716, 720
40X7784	Flatbed scanner PCBA	716, 720
40X7785	Flatbed scanner cables part kit	716, 720
40X7786	Flatbed scanner CCD.....	717, 721
40X7787	Flatbed scanner drive parts kit	716, 720
40X7788	Flatbed scanner tension pulley w/ belt	716, 720
40X7792	ADF CCD scanner	712
40X7793	ADF front cover w/o lightpipe (MX71x)	706
40X7794	ADF top door w/ beacon and MF sensor (MX81x)	706
40x7799	ADF assembly (MX711).....	704
40X7853	Multifeed sensor parts kit.....	712

P/N	Part name	Page
40X7854	Fax board.....	756
40X7857	ATA pass through hard drive.....	756
40X7858	802.11B/G/N - US network adapter.....	756
40X7860	Control panel (MX710).....	696
40X7862	Control panel board (MX710)	696
40X7863	Control panel buttons.....	696
40X7864	Control panel front cover.....	696
40X7865	Control panel right bezel.....	696
40X7867	Control panel upper cover.....	697
40X7868	Control panel latch.....	696
40X7871	USB cable (MX71x).....	696
40X7873	Controller board to control panel board cable.....	696
40X7874	Controller board cooling fan.....	686
40X7877	Control panel (MX711).....	696
40X7879	Control panel board (MX711).....	696
40X7881	Cable, display to control panel.....	700
40X7881	Display to control panel board cable (MX711, MX81x).....	696
40X7882	Control panel assembly.....	700
40X7883	Display, 10-inch touch-screen.....	700
40X7884	Control panel board.....	700
40X7885	Standard output bin LED lens.....	716
40X7886	Standard bin LED board.....	700
40X7887	Control panel buttons parts pack.....	700
40X7888	USB cable.....	700
40X7889	Cable, standard bin LED.....	700
40X7890	Speaker cable.....	700
40X7891	Cable, controller board to control panel board.....	700
40X7892	Control panel cover.....	700
40X7893	Controller board (MX710).....	686
40X7894	Front door support link.....	676
40X7895	MPF tray.....	676
40X7896	Inner left cover.....	676
40X7897	Right inner cover.....	676
40X7898	Front door.....	676

P/N	Part name	Page
40X7899	Flatbed front cover.....	716
40X7901	Flatbed right cover.....	716
40X7902	Flatbed left cover.....	717
40X7903	Speaker bracket.....	716
40X7904	Rear lower cover.....	676
40X7905	Standard bin cover.....	676
40X7906	Left cover.....	676
40X7907	Right cover.....	676
40X7908	Cable, speaker.....	716
40X7912	Flatbed scanner (MX71x)	716
40X7913	Right inner cover.....	678
40X7914	Left inner cover.....	678
40X7915	Pick arm beacon cable.....	679
40X7916	Cartridge door beacon, MPF door beacon and cable.....	679
40X7917	Rear lower door beacon and cable, interlock sensor cable.....	679
40X7918	Rear door beacon with cable and contacts, interlock sensor cable.....	679
40X7919	Stapler door beacon and cable.....	679
40X7921	Rear door beacon.....	679
40X7922	Front door interlock sensor cable.....	679
40X7924	Column left rear cover.....	678
40X7925	Column right outer cover.....	678
40X7926	Column right inner cover.....	678
40X7927	Column left outer cover.....	679
40X7928	Column left front cover.....	678
40X7929	Column left inner cover.....	678
40X7930	Right cover.....	678
40X7931	Left cover.....	678
40X7932	Left rear cover.....	679
40X7933	Right rear cover.....	679
40X7934	Rear lower door with beacon.....	678
40X7935	Deskew idler shaft.....	710
40X7936	Controller board (MX711, MX81x).....	686
40X7937	Cartridge door latch.....	678
40X7938	Cartridge door with beacon.....	678

P/N	Part name	Page
40X7939	Rear door.....	678
40X7940	Standard bin cover.....	679
40X7941	Flatbed right cover (MX81x).....	720
40X7942	Flatbed front cover (MX811).....	720
40X7943	Flatbed left cover (MX81x).....	721
40X7944	Scanner rear cover.....	721
40X7945	Sensor bin cover.....	679
40X7946	Stapler door with beacon.....	678
40X7947	Cartridge door latch bracket.....	678
40X7948	550-sheet tray insert (MX81x).....	702
40X7948	550-sheet tray.....	732
40X7949	Controller board access cover.....	676
40X7950	Cartridge door front cover.....	678
40X7951	Controller board access cover.....	679
40X7952	Duplex jam release guide.....	692
40X8016	MX81x Fuser Type 05, 110-120V Letter.....	684
40X8017	MX81x Fuser Type 06, 220-240V A4.....	684
40X8018	MX81x Fuser Type 07, 100V A4.....	684
40X8019	MX81x Fuser Type 08, 110-120V A4.....	684
40X8020	MX81x Fuser Type 09, 220-240V Letter.....	684
40X8034	Option card cover plate.....	687
40X8036	Interrupt sensor (MX81x).....	687
40X8037	Front door.....	678
40X8038	Flatbed front cover (MX810).....	720
40X8039	Flatbed front cover (MX812).....	720
40X8093	Caster base (MX71x).....	756
40X8098	Standard output bin LED PCBA.....	716
40X8099	Cable, standard output bin LED.....	717
40X8100	Controller board access shield (MX71x).....	686
40X8101	Power switch.....	686
40X8102	MX81x caster base cover.....	756
40X8103	MX81x caster base frame.....	756
40X8106	550-sheet tray option.....	724
40X8108	550-sheet tray and drawer assembly.....	726

P/N	Part name	Page
40X8109	550-sheet tray front cover.....	730
40X8113	550-sheet tray front cover.....	732
40X8152	250-sheet tray option.....	724
40X8153	250-sheet tray.....	728
40X8154	250-sheet tray front cover.....	728
40X8155	550-sheet tray option controller PCBA	730
40X8155	550-sheet option tray controller PCBA	732
40X8156	Sensor (pass through).....	728, 730, 732
40X8157	250-sheet tray option transport motor.....	728
40X8157	550-sheet tray option transport motor.....	730
40X8157	550-sheet tray option transport motor.....	732
40X8158	Sensor (pick).....	728, 730, 732
40X8159	250-sheet tray option lower interface cable.....	728
40X8159	550-sheet tray option lower interface cable.....	730
40X8159	550-sheet tray option lower interface cable.....	732
40X8160	250-sheet tray option upper interface cable.....	728
40X8160	550-sheet tray option upper interface cable.....	730
40X8160	550-sheet tray option upper interface cable.....	732
40X8161	HCIT option.....	724
40X8162	HCIT and drawer assembly.....	726
40X8163	HCIT drawer assembly.....	734
40X8164	HCIT drawer assembly.....	738
40X8165	HCIT.....	734
40X8166	HCIT.....	738
40X8167	HCIT option left cover.....	736
40X8168	HCIT left cover.....	740
40X8169	HCIT option right cover.....	736
40X8170	HCIT right cover.....	740
40X8171	HCIT front cover.....	736
40X8172	HCIT front cover.....	740
40X8173	HCIT controller PCBA.....	740
40X8173	HCIT option controller PCBA.....	736
40X8174	HCIT media feeder.....	740
40X8174	HCIT option media feeder.....	736

P/N	Part name	Page
40X8176	HCIT media guide.....	736, 740
40X8177	Sensor (HCIT closed) with flag.....	740
40X8177	Sensor (HCIT media low) with flag.....	736
40X8178	Sensor (HCIT pass through) with cable.....	740
40X8178	Sensor (HCIT pick) with cable.....	736
40X8179	HCIT lift drive motor.....	740
40X8179	HCIT option lift drive motor.....	736
40X8180	HCIT interface cable.....	740
40X8180	HCIT option interface cable.....	736
40X8207	Staple finisher option	742
40X8209	Media stack flap (right).....	746, 754
40X8210	Media stack flap (left).....	746, 754
40X8211	Tamper motor (left).....	746, 754
40X8211	Tamper motor (right).....	746, 754
40X8211	Tamper motor (right).....	754
40X8212	Tamper drive belt.....	746, 754
40X8213	Stacker paddle drive motor.....	752
40X8213	Stapler paddle drive motor.....	744
40X8214	Stacker rear door.....	752
40X8214	Stapler rear door.....	744
40X8215	Stapler cartridge access door.....	746
40X8216	Stapler right cover.....	746
40X8217	Sensor (bin full send).....	746, 754
40X8218	Standard output bin LED.....	746, 754
40X8219	Sensor (finisher bin media present).....	746
40X8219	Sensor (stacker bin media present).....	754
40X8220	Sensor (bin full receive).....	744, 752
40X8221	Stacker controller PCBA.....	752
40X8221	Stapler controller PCBA.....	744
40X8222	Stacker top cover.....	752
40X8222	Stapler top cover.....	744
40X8223	Stapler carriage assembly.....	746
40X8224	Stacker lower interface cable.....	752
40X8224	Stapler lower interface cable.....	744

P/N	Part name	Page
40X8225	Stapler door close limit switch.....	746
40X8226	Stacker spring with string.....	754
40X8226	Stapler spring with string.....	746
40X8241	Mailbox option	742
40X8242	Mailbox rear door.....	748
40X8243	Mailbox right cover.....	750
40X8244	Mailbox controller PCBA.....	748
40X8246	Mailbox left cover.....	748
40X8247	Mailbox media bin full flag.....	748
40X8248	Sensor (bin full receive).....	748
40X8249	Mailbox belt.....	750
40X8250	Mailbox output bin LED assembly.....	750
40X8251	Mailbox solenoid.....	750
40X8252	Mailbox spring with string.....	748
40X8253	Mailbox lower interface cable.....	748
40X8254	Mailbox upper interface cable.....	748
40X8256	Mailbox divert motor.....	748
40X8311	Card reader - small stick on case.....	755
40X8312	Card reader - large stick on case.....	755
40X8313	Card reader - small snap on case.....	755
40X8314	Card reader - large snap on case.....	755
40X8359	Locking caster.....	756
40X8365	Printhead access cover.....	686
40X8366	Control panel left bezel (MX710).....	696
40X8367	Control panel left bezel (MX711).....	696
40X8368	Column right rear cover.....	678
40X8371	ADF bottom door (MX71x)	706
40X8374	Flatbed scanner CCD ribbon cable (MX81x)	721
40X8375	Ribbon cable, flatbed scanner CCD (MX71x)	717
40X8388	Control panel left bezel (XM5155).....	696
40X8389	Control panel left bezel (XM5163).....	697
40X8390	Control panel left bezel (XM7170).....	697
40X8399	Fuser access door (MX71x).....	682
40X8401	Fuser drive motor.....	690

P/N	Part name	Page
40X8409	Spacer.....	724
40X8410	250-sheet tray option, lockable.....	724
40X8411	550-sheet tray option, lockable.....	724
40X8413	Left frame extension (MX81x).....	694
40X8414	Right frame extension (MX81x).....	694
40X8420	MS81x Return Program Fuser Maint. Kit Type 00, 110-120V Letter.....	755
40X8421	MS81x Return Program Fuser Maint. Kit Type 01, 220-240V A4.....	755
40X8422	MS81x Return Program Fuser Maint. Kit Type 02, 100V A4.....	755
40X8423	MS81x Return Program Fuser Maint. Kit Type 03, 110-120V A4.....	756
40X8424	MS81x Return Program Fuser Maint. Kit Type 04, 220-240V Letter.....	756
40X8425	MS81x Fuser Maint. Kit Type 05, 110-120V Letter.....	756
40X8426	MS81x Fuser Maint. Kit Type 06, 220-240V A4.....	756
40X8427	MS81x Fuser Maint. Kit Type 07, 100V A4.....	756
40X8428	MS81x Fuser Maint. Kit Type 08, 110-120V A4.....	756
40X8429	MS81x Fuser Maint. Kit Type 09, 220-240V Letter.....	756
40X8431	MX71x & MX81x ADF Maintenance Kit.....	756
40X8485	Tilting 7-inch display.....	696
40X8486	Tilting 10-inch display.....	696
40X8500	Actuator flag (media bin full).....	748
40X8501	ADF to controller cable (MX71x)	712
40X8502	ADF to controller cable (MX81x).....	712
40X8522	Offset stacker option.....	742
40X8536	Sensor (ADF media present).....	712
40X8541	Media size actuator.....	702, 728, 730, 732
40X8555	256MB USER flash card.....	755
40X8556	Traditional Chinese font card.....	755
40X8557	Simplified Chinese font card.....	755
40X8568	Korean font card.....	755
40X8569	Japanese font card.....	755
40X8570	Arabic font card.....	756
40X8571	Hebrew font card.....	756
40X8586	Control panel left bezel (XM5163).....	696
40X8587	Control panel left bezel (XM5170).....	696
40X8588	Control panel left bezel (XM7150).....	696

P/N	Part name	Page
40X8588	Flatbed front cover (XM7150).....	720
40X8589	Flatbed front cover (XM7160).....	720
40X8590	Flatbed front cover (XM7170).....	720
40X8591	USB delete plug.....	756
40X8612	MX71x/MX81x forms and barcode.....	755
40X8613	MX71x/MX81x IPDS card.....	755
40X8614	MX71x/MX81x prescribe card.....	755
40X8672	250-sheet tray option controller PCBA	728
40X9079	Control panel speaker.....	700
40X9079	Speaker, control panel.....	716

Part name index

P/N	Part name	Page
40X5316	14 PIN JST-FOR ISP cable.....	755
40X8153	250-sheet tray.....	728
40X8154	250-sheet tray front cover.....	728
40X8672	250-sheet tray option controller PCBA	728
40X8159	250-sheet tray option lower interface cable.....	728
40X8157	250-sheet tray option transport motor.....	728
40X8160	250-sheet tray option upper interface cable.....	728
40X8152	250-sheet tray option.....	724
40X8410	250-sheet tray option, lockable.....	724
40X8555	256MB USER flash card.....	755
40X7742	550-sheet tray.....	730
40X8109	550-sheet tray front cover.....	730
40X8113	550-sheet tray front cover.....	732
40X7742	550-sheet tray insert (MX71x).....	702
40X7948	550-sheet tray insert (MX81x).....	702
40X8155	550-sheet tray option controller PCBA	730
40X8159	550-sheet tray option lower interface cable.....	730
40X8157	550-sheet tray option transport motor.....	730
40X8160	550-sheet tray option upper interface cable.....	730
40X8155	550-sheet option tray controller PCBA	732
40X7948	550-sheet tray.....	732
40X8108	550-sheet tray and drawer assembly.....	726
40X8106	550-sheet tray option.....	724
40X8159	550-sheet tray option lower interface cable.....	732
40X8157	550-sheet tray option transport motor.....	732
40X8160	550-sheet tray option upper interface cable.....	732
40X8411	550-sheet tray option, lockable.....	724
40X7858	802.11B/G/N - US network adapter.....	756
40X8500	Actuator flag (media bin full).....	748
40X7765	ADF assembly (MX710).....	704
40x7799	ADF assembly (MX711).....	704
40x7748	ADF assembly (MX81x).....	704

P/N	Part name	Page
40X8371	ADF bottom door (MX71x)	706
40X7761	ADF bottom door (MX81x)	706
40X7792	ADF CCD scanner	712
40X7771	ADF controller card.....	712
40X7749	ADF feed belt.....	710
40X7772	ADF float plate w/ springs	706
40X7752	ADF front cover w/ lightpipe (MX81x)	706
40X7793	ADF front cover w/o lightpipe (MX71x)	706
40X7608	ADF front indicator.....	713
40X7767	ADF front side drive parts pack.....	710
40X7780	ADF input tray	706
40X7763	ADF left hinge	706
40X7754	ADF left lower cover	707
40X7781	ADF lift tray	706
40X7774	ADF pick roller.....	710
40X7759	ADF pick roller cover	707
40X7753	ADF rear cover	706
40X7769	ADF rear side drive parts pack.....	710
40X7762	ADF right hinge	706
40X7760	ADF separation guide	707
40X7775	ADF separator roller.....	710
40X8501	ADF to controller cable (MX71x)	712
40X8502	ADF to controller cable (MX81x).....	712
40X7794	ADF top door w/ beacon and MF sensor (MX81x)	706
40X7755	ADF top door w/o beacon and MF sensor (MX71x)	706
40X7768	ADF tray lift drive.....	710
40X8570	Arabic font card.....	756
40X7857	ATA pass through hard drive.....	756
40X7756	Bin extension	706
40X7770	Cable parts pack	713
40X7891	Cable, controller board to control panel board.....	700
40X7881	Cable, display to control panel.....	700
40X7908	Cable, speaker.....	716
40X7889	Cable, standard bin LED.....	700

P/N	Part name	Page
40X8099	Cable, standard output bin LED.....	717
40X8314	Card reader - large snap on case.....	755
40X8312	Card reader - large stick on case.....	755
40X8313	Card reader - small snap on case.....	755
40X8311	Card reader - small stick on case.....	755
40X7580	Cartridge cooling fan.....	690
40X7916	Cartridge door beacon, MPF door beacon and cable.....	679
40X7950	Cartridge door front cover.....	678
40X7937	Cartridge door latch.....	678
40X7947	Cartridge door latch bracket.....	678
40X7938	Cartridge door with beacon.....	678
40X8093	Caster base (MX71x).....	756
40X7928	Column left front cover.....	678
40X7929	Column left inner cover.....	678
40X7927	Column left outer cover.....	679
40X7924	Column left rear cover.....	678
40X7926	Column right inner cover.....	678
40X7925	Column right outer cover.....	678
40X8368	Column right rear cover.....	678
40X7860	Control panel (MX710).....	696
40X7877	Control panel (MX711).....	696
40X7882	Control panel assembly.....	700
40X7884	Control panel board.....	700
40X7862	Control panel board (MX710)	696
40X7879	Control panel board (MX711).....	696
40X7863	Control panel buttons.....	696
40X7887	Control panel buttons parts pack.....	700
40X7892	Control panel cover.....	700
40X7864	Control panel front cover.....	696
40X7868	Control panel latch.....	696
40X8366	Control panel left bezel (MX710).....	696
40X8367	Control panel left bezel (MX711).....	696
40X8388	Control panel left bezel (XM5155).....	696
40X8586	Control panel left bezel (XM5163).....	696

P/N	Part name	Page
40X8389	Control panel left bezel (XM5163).....	697
40X8587	Control panel left bezel (XM5170).....	696
40X8588	Control panel left bezel (XM7150).....	696
40X8390	Control panel left bezel (XM7170).....	697
40X7865	Control panel right bezel.....	696
40X9079	Control panel speaker.....	700
40X7867	Control panel upper cover.....	697
40X7893	Controller board (MX710).....	686
40X7936	Controller board (MX711, MX81x).....	686
40X7949	Controller board access cover.....	676
40X7951	Controller board access cover.....	679
40X8100	Controller board access shield (MX71x).....	686
40X7722	Controller board access shield (MX81x).....	686
40X7874	Controller board cooling fan.....	686
40X7873	Controller board to control panel board cable.....	696
40X7567	DDR3-256Mx32 1GB-400MHZ RAM card.....	755
40X7445	DDR3-512Mx32 2GB RAM card.....	755
40X7935	Deskew idler shaft.....	710
40X7881	Display to control panel board cable (MX711, MX81x).....	696
40X7883	Display, 10-inch touch-screen.....	700
40X7695	Duplex cooling fan.....	690
40X7584	Duplex exit diverter.....	682
40X7667	Duplex front flap.....	692
40X7952	Duplex jam release guide.....	692
40X7684	Duplex motor with cable.....	690
40X7668	Duplex rear flap.....	692
40X7589	Fastener plate.....	694
40X7854	Fax board.....	756
40X7899	Flatbed front cover.....	716
40X8038	Flatbed front cover (MX810).....	720
40X7942	Flatbed front cover (MX811).....	720
40X8039	Flatbed front cover (MX812).....	720
40X8588	Flatbed front cover (XM7150).....	720
40X8589	Flatbed front cover (XM7160).....	720

P/N	Part name	Page
40X8590	Flatbed front cover (XM7170).....	720
40X7766	Flatbed glass cushion	706
40X7902	Flatbed left cover.....	717
40X7943	Flatbed left cover (MX81x).....	721
40X7901	Flatbed right cover.....	716
40X7941	Flatbed right cover (MX81x).....	720
40X7912	Flatbed scanner (MX71x)	716
40X7782	Flatbed scanner (MX81x)	720
40X7785	Flatbed scanner cables part kit	716
40X7786	Flatbed scanner CCD.....	717, 721
40X8374	Flatbed scanner CCD ribbon cable (MX81x)	721
40X7787	Flatbed scanner drive parts kit	716
40X7783	Flatbed scanner glass	716
40X7784	Flatbed scanner PCBA	716
40X7788	Flatbed scanner tension pulley w/ belt	716
40X7898	Front door.....	676
40X8037	Front door.....	678
40X7922	Front door interlock sensor cable.....	679
40X7894	Front door support link.....	676
40X7715	Front door support link.....	678
40X8399	Fuser access door (MX71x).....	682
40X7588	Fuser access door (MX81x).....	682
40X7577	Fuser data cable.....	684
40X7595	Fuser drive motor.....	690
40X8401	Fuser drive motor.....	690
40X7576	Fuser drive motor cable.....	690
40X7757	Gear (29t), separation roll drive.....	710
40X7758	Gear (40t), 1st scan roll drive.....	710
40X8165	HCIT.....	734
40X8166	HCIT.....	738
40X8162	HCIT and drawer assembly.....	726
40X8173	HCIT controller PCBA.....	740
40X8163	HCIT drawer assembly.....	734
40X8164	HCIT drawer assembly.....	738

P/N	Part name	Page
40X8171	HCIT front cover.....	736
40X8172	HCIT front cover.....	740
40X8180	HCIT interface cable.....	740
40X8168	HCIT left cover.....	740
40X8179	HCIT lift drive motor.....	740
40X8174	HCIT media feeder.....	740
40X8176	HCIT media guide.....	736, 740
40X8161	HCIT option.....	724
40X8173	HCIT option controller PCBA.....	736
40X8180	HCIT option interface cable.....	736
40X8167	HCIT option left cover.....	736
40X8179	HCIT option lift drive motor.....	736
40X8174	HCIT option media feeder.....	736
40X8169	HCIT option right cover.....	736
40X7593	HCIT pick roller	740
40X8170	HCIT right cover.....	740
40X7713	HCIT separation roller	740
40X8571	Hebrew font card.....	756
40X7578	HVPS.....	686
40X7699	HVPS/toner cartridge fan cable.....	686
40X7714	Imaging unit clamp.....	694
40X7689	Imaging unit smart chip contact with cable.....	687
40X7587	Inner guide deflector.....	682
40X7896	Inner left cover.....	676
40X7688	Input sensor cable.....	686
40X7683	Internal duplex with cable.....	692
40X7592	Interrupt sensor.....	702, 702
40X7592	Interrupt sensor (MX71x).....	687
40X8036	Interrupt sensor (MX81x).....	687
40X7776	Interrupt w/ flag sensor (ADF 2nd scan).....	712
40X7777	Interrupt w/flag sensor (ADF exit).....	712
40X8569	Japanese font card.....	755
40X8568	Korean font card.....	755
40X7597	Laser printhead (quad diode).....	687

P/N	Part name	Page
40X7906	Left cover.....	676
40X7931	Left cover.....	678
40X7727	Left frame extension (MX71x).....	694
40X8413	Left frame extension (MX81x).....	694
40X7732	Left frame pivot.....	694
40X7914	Left inner cover.....	678
40X7932	Left rear cover.....	679
40X1593	Lexmark MarkNet N7000e (1 port USB) Ethernet 10Base/100BaseTX.....	755
40X1594	Lexmark MarkNet N7002e (1 port Parallel) Ethernet 10BaseT/100BaseTX	755
40X1592	Lexmark MarkNet N7020e (4 port USB) Ethernet 10BaseT/100BaseTX/1000BaseT	755
40X8359	Locking caster.....	756
40X7676	LVPS.....	686
40X7590	M5x12 screw.....	694
40X7751	Magnetic clutch.....	710
40X8249	Mailbox belt.....	750
40X8244	Mailbox controller PCBA.....	748
40X8256	Mailbox divert motor.....	748
40X8246	Mailbox left cover.....	748
40X8253	Mailbox lower interface cable.....	748
40X8247	Mailbox media bin full flag.....	748
40X8241	Mailbox option	742
40X8250	Mailbox output bin LED assembly.....	750
40X8242	Mailbox rear door.....	748
40X8243	Mailbox right cover.....	750
40X7592	Mailbox sensor (divert motor).....	748
40X8251	Mailbox solenoid.....	750
40X8252	Mailbox spring with string.....	748
40X8254	Mailbox upper interface cable.....	748
40X7579	Main cooling fan with cable.....	690
40X7594	Main drive motor.....	690
40X7574	Main motor cable.....	690
40X7599	Media aligner roller with MPF pick roller.....	702
40X7591	Media feeder.....	702
40X7591	Media feeder	728

P/N	Part name	Page
40X8541	Media size actuator.....	702, 728, 730, 732
40X8210	Media stack flap (left).....	746, 754
40X8209	Media stack flap (right).....	746, 754
40X7583	Media turn guide.....	682
40X7586	Media vertical guide.....	682
40X7601	MPF feed roller flange.....	702
40X7598	MPF feeder lift plate with cable.....	702
40X7712	MPF feeder solenoid.....	702
40X7600	MPF pick roller.....	702
40X7895	MPF tray.....	676
40X7725	MPF tray.....	678
40X7706	MS71x & MS81x Roller Kit.....	755
40X8425	MS81x Fuser Maint. Kit Type 05, 110-120V Letter.....	756
40X8426	MS81x Fuser Maint. Kit Type 06, 220-240V A4.....	756
40X8427	MS81x Fuser Maint. Kit Type 07, 100V A4.....	756
40X8428	MS81x Fuser Maint. Kit Type 08, 110-120V A4.....	756
40X8429	MS81x Fuser Maint. Kit Type 09, 220-240V Letter.....	756
40X8420	MS81x Return Program Fuser Maint. Kit Type 00, 110-120V Letter.....	755
40X8421	MS81x Return Program Fuser Maint. Kit Type 01, 220-240V A4.....	755
40X8422	MS81x Return Program Fuser Maint. Kit Type 02, 100V A4.....	755
40X8423	MS81x Return Program Fuser Maint. Kit Type 03, 110-120V A4.....	756
40X8424	MS81x Return Program Fuser Maint. Kit Type 04, 220-240V Letter.....	756
40X7853	Multifeed sensor parts kit.....	712
40X8431	MX71x & MX81x ADF Maintenance Kit.....	756
40X8612	MX71x/MX81x forms and barcode.....	755
40X8613	MX71x/MX81x IPDS card.....	755
40X8614	MX71x/MX81x prescribe card.....	755
40X8102	MX81x caster base cover.....	756
40X8103	MX81x caster base frame.....	756
40X8016	MX81x Fuser Type 05, 110-120V Letter.....	684
40X8017	MX81x Fuser Type 06, 220-240V A4.....	684
40X8018	MX81x Fuser Type 07, 100V A4.....	684
40X8019	MX81x Fuser Type 08, 110-120V A4.....	684
40X8020	MX81x Fuser Type 09, 220-240V Letter.....	684

P/N	Part name	Page
40X7743	MX81x Return Program Fuser Type 00, 110-120V Letter.....	684
40X7744	MX81x Return Program Fuser Type 01, 220-240V A4.....	684
40X7745	MX81x Return Program Fuser Type 02, 100V A4.....	684
40X7581	MX81x Return Program Fuser Type 03, 110-120V A4.....	684
40X7734	MX81x Return Program Fuser Type 04, 220-240V Letter.....	684
40X4826	N8120 GIGABIT INA adapter.....	755
40X4827	N8130 10/100 fiber adapter.....	755
40X8522	Offset stacker option.....	742
40X8034	Option card cover plate.....	687
40X7604	Output bin guide.....	676, 679
40X4823	PARALLEL 1284-B THCK adapter.....	755
40X7915	Pick arm beacon cable.....	679
40X7593	Pick roller	728
40X7593	pick roller	732
40X7593	Pick roller assembly.....	702
40X3609	Power cord 100 V, Japan.....	757
40X0288	Power cord HV, Argentina.....	757
40X0301	Power cord HV, Australia & New Zealand.....	757
40X1766	Power cord HV, Bolivia & Peru.....	757
40X0273	Power cord HV, Chile, Uruguay.....	757
40X1774	Power cord HV, Denmark, Finland, Norway, Sweden.....	757
40X3141	Power cord HV, Paraguay, Austria, Belgium, France, Germany, Italy, Netherlands, Bluemark, Czech & Solvic countries, Greece, Hungary, Medmark 1, Medmark 2, Arabic, Poland, Russia, CIS, Spain, Portugal, & Ireland.....	757
40X1773	Power cord HV, South Africa, Namibia, Lesotho, Botswana & Pakistan.....	757
40X1772	Power cord HV, Switzerland.....	757
40X0271	Power cord HV, United Kingdom, Asian, Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam, Afghanistan, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka, Tibet, & Hong Kong.....	757
40X4596	Power cord LV, Brazil PPB kits.....	757
40X1791	Power cord LV, Taiwan.....	757
40X0269	Power cord LV, USA & Canada, Latin America.....	757
40X0303	Power cord, HV PRC.....	757
40X0275	Power cord, HV, Israel.....	757
40X1792	Power cord, HV, Korea.....	757

P/N	Part name	Page
40X8101	Power switch.....	686
40X8365	Printhead access cover.....	686
40X7707	Printhead power cable.....	687
40X7708	Printhead video cable.....	687
40X7778	Push button switch sensor (ADF closed).....	712
40X7678	Rear door.....	676
40X7939	Rear door.....	678
40X7921	Rear door beacon.....	679
40X7918	Rear door beacon with cable and contacts, interlock sensor cable.....	679
40X7726	Rear door support.....	676, 678
40X7904	Rear lower cover.....	676
40X7917	Rear lower door beacon and cable, interlock sensor cable.....	679
40X7934	Rear lower door with beacon.....	678
40X7585	Recoil spring.....	682
40X7724	Recoil spring (MX81x).....	694
40X8375	Ribbon cable, flatbed scanner CCD (MX71x)	717
40X7907	Right cover.....	676
40X7930	Right cover.....	678
40X7728	Right frame extension (MX71x).....	694
40X8414	Right frame extension (MX81x).....	694
40X7733	Right frame pivot.....	694
40X7897	Right inner cover.....	676
40X7913	Right inner cover.....	678
40X7933	Right rear cover.....	679
40X4819	RS232C serial adapter.....	755
40X7944	Scanner rear cover.....	721
40X7779	Sensor (ADF 1st scan)	712
40X7779	Sensor (ADF gap detect)	712
40X7592	Sensor (ADF lower door interlock).....	712
40X8536	Sensor (ADF media present).....	712
40X7779	Sensor (ADF pick)	712
40X7779	Sensor (ADF skew detect)	712
40X7592	Sensor (ADF top door interlock).....	712
40X8220	Sensor (bin full receive).....	744, 752

P/N	Part name	Page
40X8248	Sensor (bin full receive).....	748, 752
40X8217	Sensor (bin full send).....	746, 754
40X7592	Sensor (cartridge door interlock).....	746
40X7693	Sensor (control panel interlock).....	686
40X7697	Sensor (duplex path) with cable.....	692
40X8219	Sensor (finisher bin media present).....	746
40X8177	Sensor (HCIT closed) with flag.....	740
40X8177	Sensor (HCIT media low) with flag.....	736
40X8178	Sensor (HCIT pass through) with cable.....	740
40X7592	Sensor (HCIT pick roller position)	736
40X8178	Sensor (HCIT pick) with cable.....	736
40X7592	Sensor (HCIT roller position)	740
40X7607	Sensor (input).....	686
40X8156	Sensor (pass through).....	728, 730, 732
40X7592	Sensor (pick roller position)	728
40X8158	Sensor (pick).....	728, 730, 732
40X8219	Sensor (stacker bin media present).....	754
40X7691	Sensor (standard bin full) with output bin guide.....	687
40X7686	Sensor (toner density).....	686
40X7945	Sensor bin cover.....	679
40X7713	Separation roller	736
40X7713	Separator roller assembly.....	702, 728, 730, 732
40X5315	SHIP-WITH ISP (2PER) screw.....	755
40X8557	Simplified Chinese font card.....	755
40X8409	Spacer.....	724
40X7903	Speaker bracket.....	716
40X7890	Speaker cable.....	700
40X9079	Speaker, control panel.....	716
40X8221	Stacker controller PCBA.....	752
40X8224	Stacker lower interface cable.....	752
40X8213	Stacker paddle drive motor.....	752
40X8214	Stacker rear door.....	752
40X8226	Stacker spring with string.....	754
40X8222	Stacker top cover.....	752

P/N	Part name	Page
40X7905	Standard bin cover.....	676
40X7940	Standard bin cover.....	679
40X7886	Standard bin LED board.....	700
40X8218	Standard output bin LED.....	746, 754
40X7885	Standard output bin LED lens.....	716
40X8098	Standard output bin LED PCBA.....	716
40X7573	Standard tray beacon and cable.....	679
40X8207	Staple finisher option	742
40X8223	Stapler carriage assembly.....	746
40X8215	Stapler cartridge access door.....	746
40X8221	Stapler controller PCBA.....	744
40X7919	Stapler door beacon and cable.....	679
40X8225	Stapler door close limit switch.....	746
40X7946	Stapler door with beacon.....	678
40X8224	Stapler lower interface cable.....	744
40X8213	Stapler paddle drive motor.....	744
40X8214	Stapler rear door.....	744
40X8216	Stapler right cover.....	746
40X8226	Stapler spring with string.....	746
40X8222	Stapler top cover.....	744
40X8212	Tamper drive belt.....	746, 754
40X8211	Tamper motor (left).....	746, 754
40X8211	Tamper motor (right).....	746, 754
40X5317	Tee with thumbscrew standoff.....	755
40X8486	Tilting 10-inch display.....	696
40X8485	Tilting 7-inch display.....	696
40X7596	Toner add motor with cable.....	690
40X7717	Toner cartridge clamp.....	694
40X7716	Toner cartridge lock.....	694
40X7692	Toner cartridge smart chip contact with cable.....	687
40X7685	Toner level / imaging unit high voltage contact.....	686
40X7575	Top option interface cable.....	694
40X7690	Torsion spring.....	676, 678
40X7731	Torsion spring.....	678, 678

P/N	Part name	Page
40X7730	Torsion spring.....	678, 678
40X7723	Torsion spring.....	692
40X7719	Torsion spring.....	694
40X7721	Torsion spring.....	694
40X7720	Torsion spring.....	694
40X7718	Torsion spring.....	694
40X7731	Torsion spring.....	696
40X7730	Torsion spring.....	696
40X8556	Traditional Chinese font card.....	755
40X7582	Transfer roller.....	686
40X7605	Transfer roller left arm with cable.....	686
40X7606	Transfer roller right arm.....	686
40X7602	Upper redrive.....	682
40X7682	Upper redrive motor with cable.....	690
40X7888	USB cable.....	700
40X7871	USB cable (MX71x).....	696
40X8591	USB delete plug.....	756
40X0387	USB-A interface device	755

