



Service Manual

Lexmark™ E220
Lexmark™ E32x

4500–00x

4500–1xx

4500–2xx

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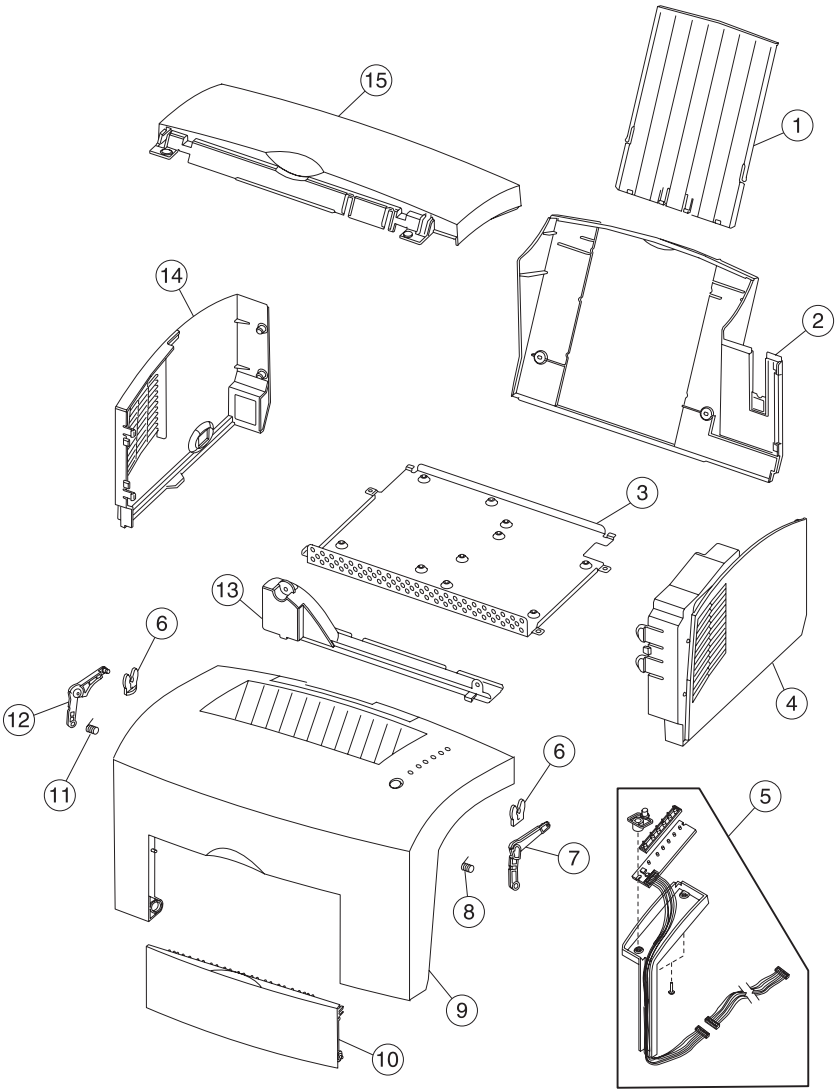
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7. Parts catalog

How to use this parts catalog

- **SIMILAR ASSEMBLIES:** If two assemblies contain a majority of identical parts, they are shown on the same list. Common parts are shown by one index number. Parts peculiar to one or the other of the assemblies are listed separately and identified by description.
- **NA** (not available) means not available as a FRU.
- **NS:** (not shown) in the Asm-index column indicates that the part is procurable but is not pictured in the illustration.
- **PP:** (parts packet) in the parts description column indicates the part is contained in a parts packet.

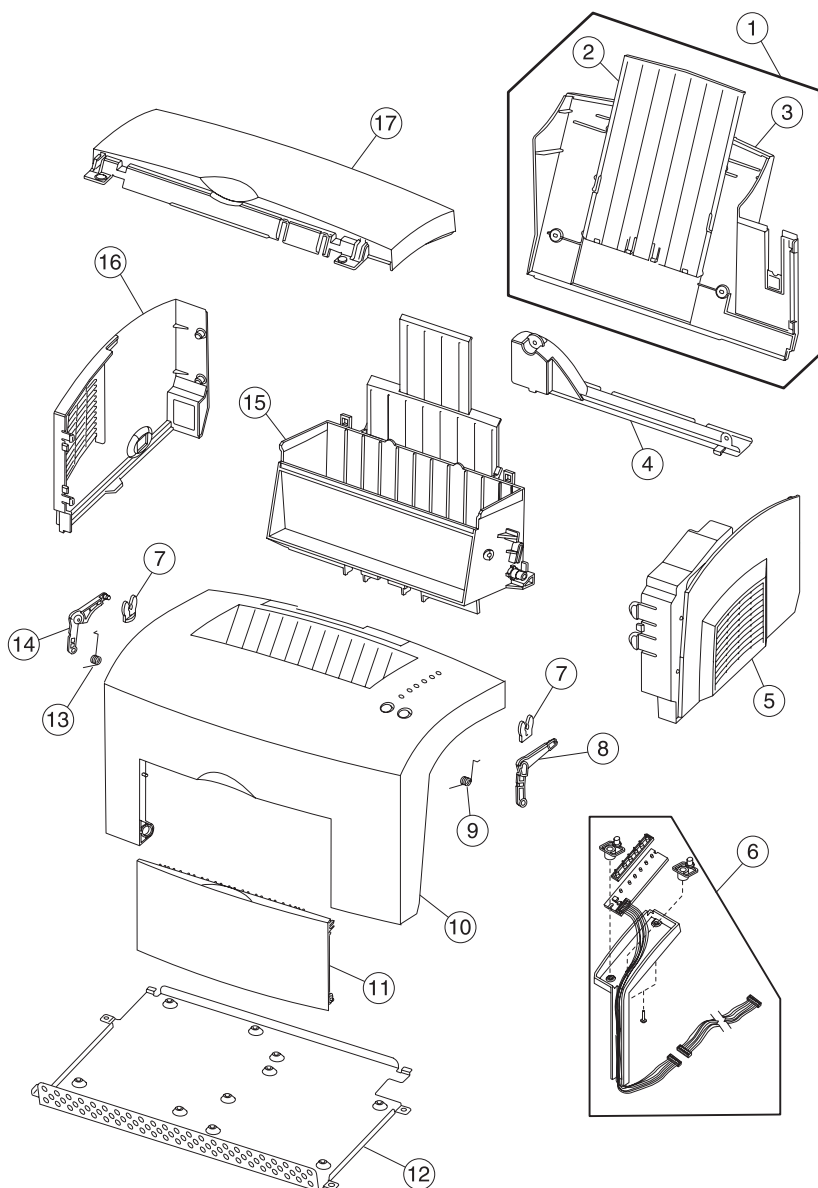
Assembly 1: Covers (E320/E322)



Assembly 1: Covers (E320/E322)

Asm-index	Part number	Units	Description
1-1	12G4456	1	Extension, tray
2	12G4455	1	Cover, rear
3	12G4458	1	Cover, bottom
4	12G4453	1	Cover, right side
5	12G4457	1	Assembly, operator panel
6*	56P1099	1	Parts pack, bushings clip spring
7	56P2373	1	Hinge, right
8	12G4535	1	Spring, front cover right
9	12G4543	1	Cover, front-E320
9	12G4542	1	Cover, front-E322
10	12G4450	1	Cover, access
11	12G4536	1	Spring, front cover left
12	56P2374	1	Hinge, left
13	12G4459	1	Duct, cooling
14	12G4451	1	Cover, left side
15	12G4452	1	Cover, top
NS	12G0176	1	Cover, media

* Contact Lexmark for availability.

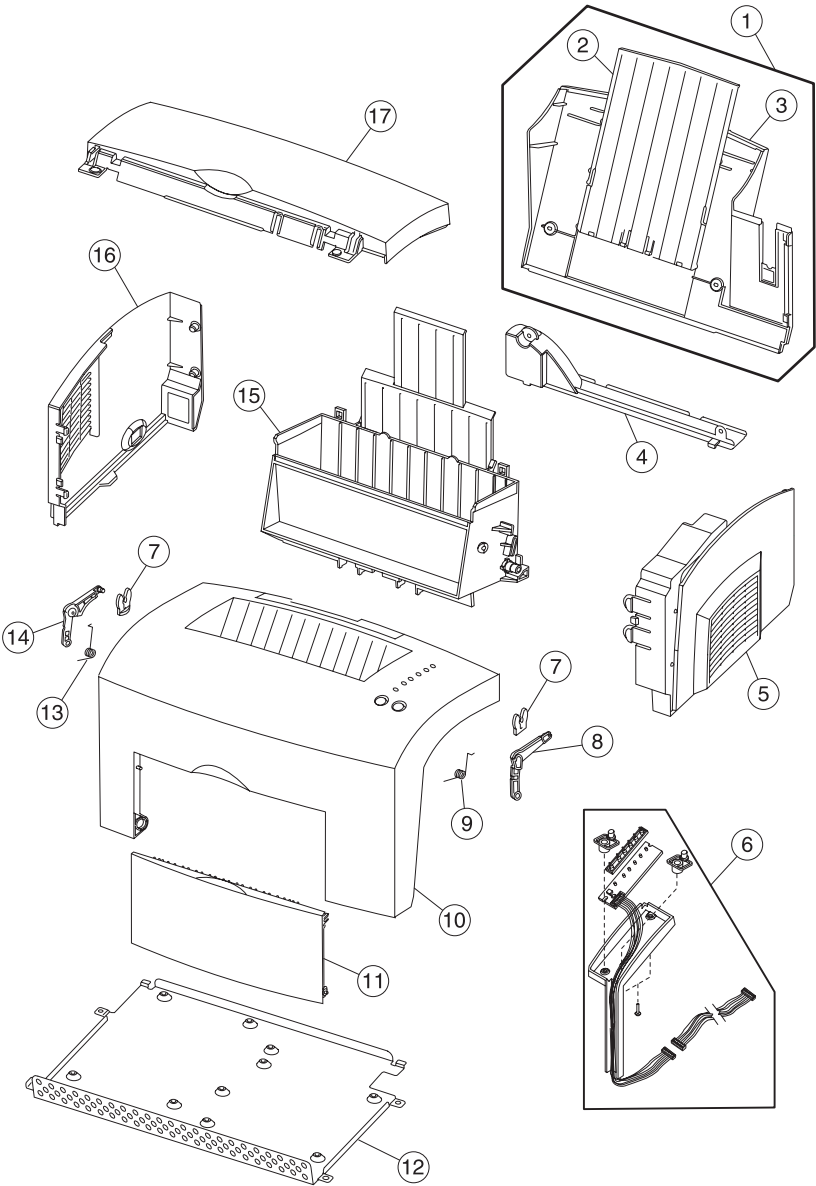
Assembly 1 (cont.): Covers (E220/E321/E323)

Assembly 1 (cont.): Covers (E220/E321/E323)

Asm-index	Part number	Units	Description
1-1*	56P1078	1	Assembly, cover, rear
2	12G4456	1	Extension, tray (white)
3	12G4455	1	Cover, rear (white)
4*	56P1086	1	Duct, cooling
4	12G4459	1	Duct, cooling (white)
5*	56P1050	1	Cover, right side
5*	56P1084	1	Cover, right side (white)
6	56P1051	1	Assembly, operator panel
6	56P0683	1	Assembly, operator panel (white)
6	56P1839	1	Assembly, operator panel (E220)
6	56P1838	1	Assembly, operator panel (E220) (white)
7*	56P1099	1	Parts pack, bushings clip spring
8	56P2373	1	Hinge, right
9	12G4535	1	Spring, front cover right
10*	56P1837	1	Cover, front – E220
10*	56P1836	1	Cover, front – E220 (white)
10*	56P1064	1	Cover, front – E321
10*	56P1065	1	Cover, front – E323
10*	56P1095	1	Cover, front, E321 (white)
10*	56P1096	1	Cover, front, E323 (white)
11*	56P1075	1	Cover, access
11	12G4450	1	Cover, access (white)
12	12G4458	1	Cover, bottom
13	12G4536	1	Spring, front cover left
14	56P2374	1	Hinge, left

* Contact Lexmark for availability.

Assembly 1 (cont.): Covers (E220/E321/E323)

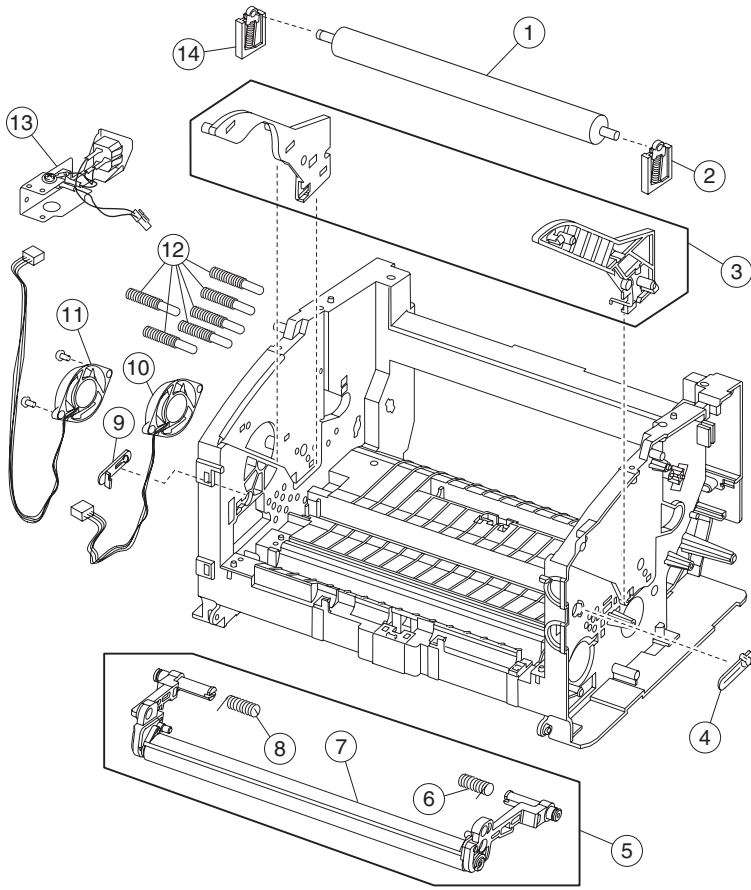


Assembly 1 (cont.): Covers (E220/E321/E323)

Asm-index	Part number	Units	Description
15*	56P1094	1	Assembly, paper guide with exit tray (black)
15*	56P1091	1	Assembly, paper guide with exit tray (white)
16*	56P1076	1	Cover, left side
16	12G4451	1	Cover, left side (white)
17*	56P1077	1	Cover, top
17*	12G4452	1	Cover, top (white)
NS	12G0176	1	Cover, media

* Contact Lexmark for availability.

Assembly 2: Frame

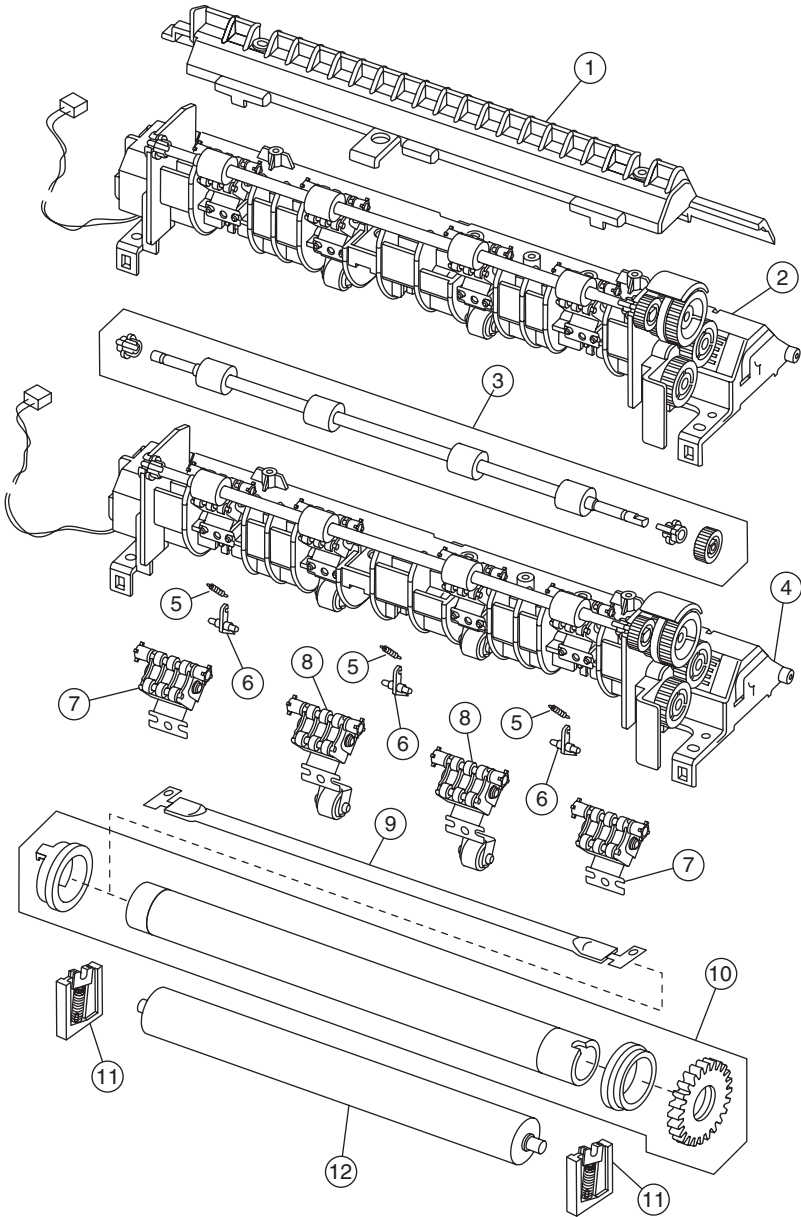


Assembly 2: Frame

Asm-index	Part number	Units	Description
2-1	12G4470	1	Roll, transfer
2	12G4471	1	Bearing, transfer
3	12G4473	1	Bill of material (B/M), rail (E320/E322 only)
3*	56P1085	1	B/M, rail (E220/E321/E323 only)
4	12G4534	1	Bracket, right
5	56P0685	1	Assembly, charge roll
6	12G4464	1	Spring, charge roll right
7	99A1017	1	Roll, charge
8	12G4463	1	Spring, charge roll left
9	12G4533	1	Bracket, left
10	12G4460	1	Fan, cooling (E320/E322 only)
11*	56P1052	1	Fan, cooling (E220/E321/E323)
12	12G4510	6	Spring, HVPS (6/FRU)
13	12G4461	1	Switch asm., power (white-110V)
13*	56P1092	1	Switch asm., power (black-110V))
13*	56P0687	1	Switch asm., power (white-220V)
13*	56P0688	1	Switch asm., power (black-220V)
14	56P0199	1	Bearing, left transfer

* Contact Lexmark for availability.

Assembly 3: Fuser

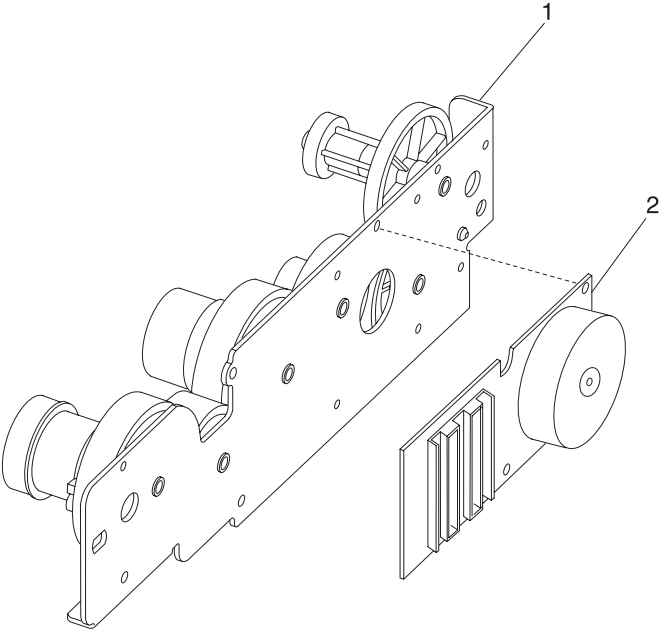


Assembly 3: Fuser

Asm-index	Part number	Units	Description
3-1	12G4488	1	Cover, fuser (E320/E322 only)
1*	56P1082	1	Cover, fuser (E220/E321/E323 only)
2	12G4484	1	Fuser assembly, 110 V (E320/E322 only)
2	12G4486	1	Fuser assembly, 220 V (E320/E322 only)
3	12G4493	1	Roller, exit, redrive
4	56P1053	1	Fuser assembly, 110 V (E220/E321/E323 only)
4	56P1054	1	Fuser assembly, 220 V (E220/E321/E323 only)
5*	56P1099	3	Parts pack, bushings/clip spring
6	12G4495	3	Pawl, detack (1 each)
7	12G4496	4	Roll assembly, idler (1 each)
8	12G4492	2	Roller, exit, idler (1 each)
9	12G4485	1	Lamp, fuser, 110 V
9	12G4487	1	Lamp, fuser, 220 V
10	12G4491	1	Roll, fuser, hot
11	12G4489	2	Bearing, backup roll
12	12G4494	1	Roll, fuser, backup

* Contact Lexmark for availability.

Assembly 4: Main drive



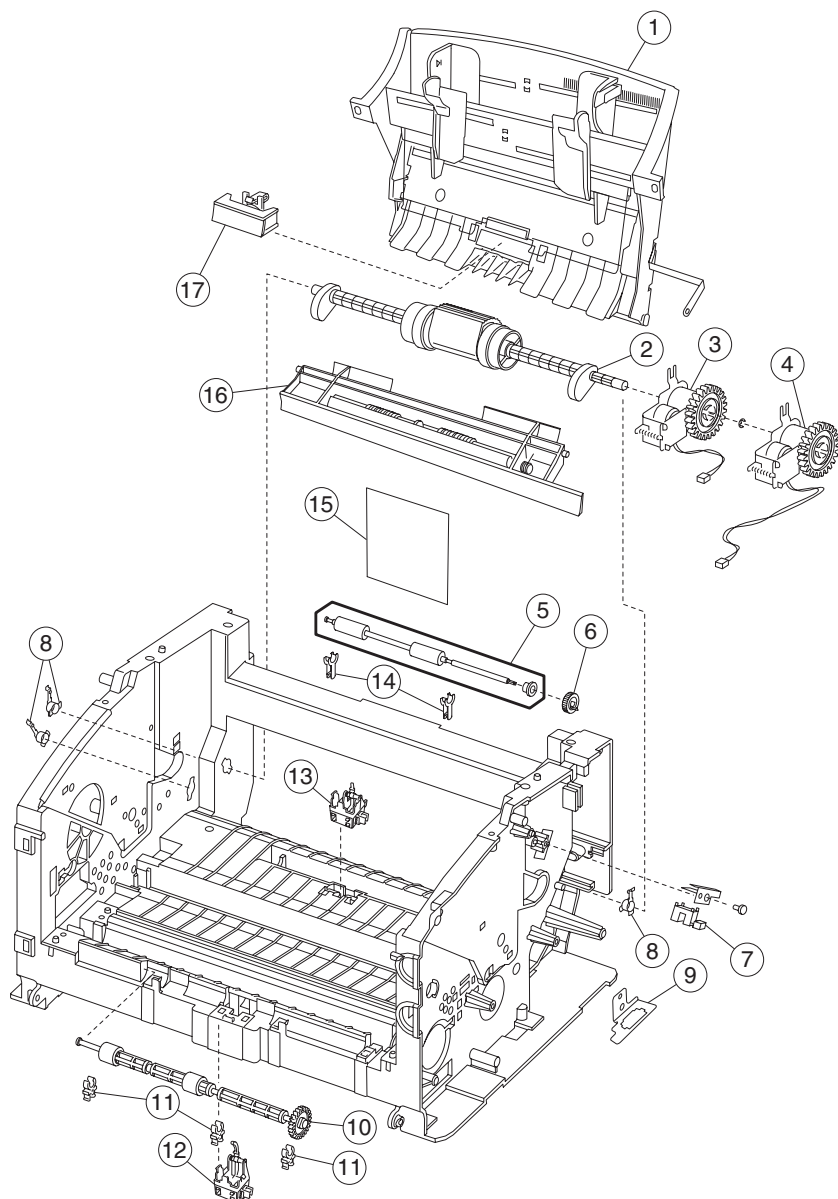
Assembly 4: Main drive

Asm-index	Part number	Units	Description
4-1*	12G4500	1	Gear assembly, drive (E320/E322)
1*	56P2441	1	Gear assembly, drive (E220/E321/E323)
2	12G4499	1	Motor, drive (E320/E322 only)
2	56P1083	1	Motor, drive (E220/E321/E323)

* Order PN 99A0394 (Nyogel 744 lubricant) to be applied to gear assembly. See **page 4-3** for more information.

Note: PNs 12G4500 and 56P0684 differ only in the cable clamps. The cable clamps can be removed and interchanged as needed.

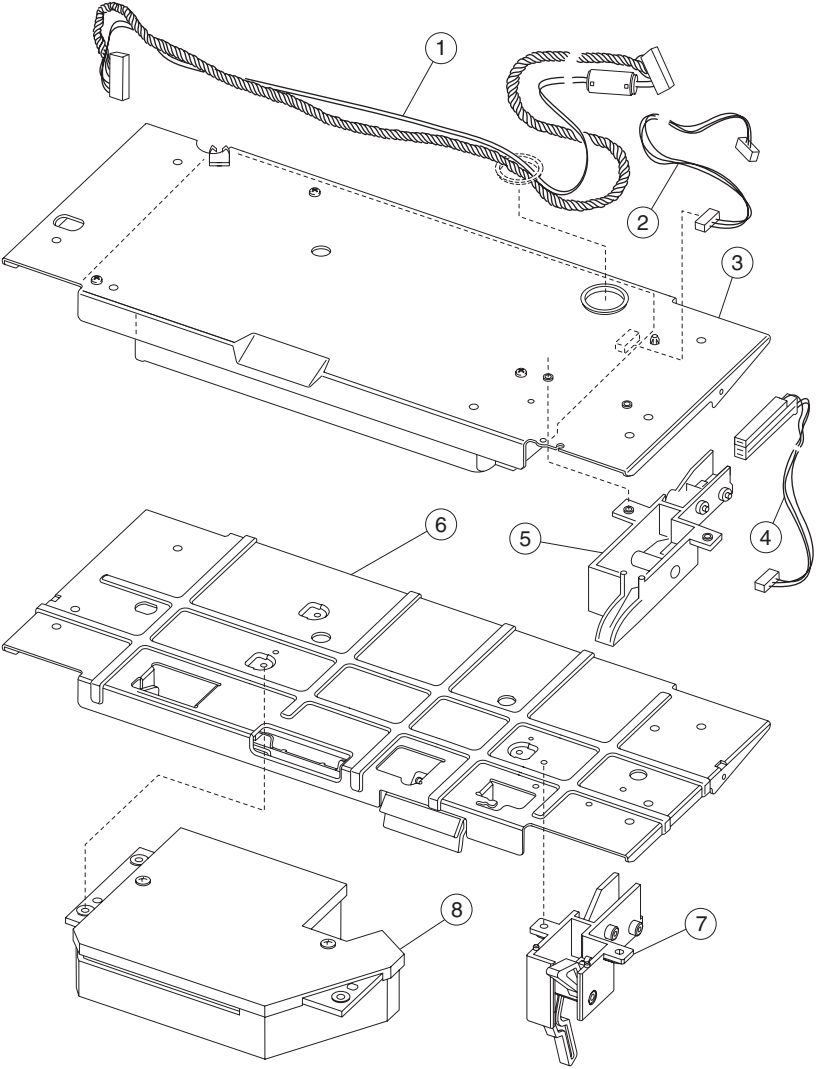
Assembly 5: Paper feed



Assembly 5: Paper feed

Asm-index	Part number	Units	Description
5-1	12G4481	1	Assembly, sheet feed (white)
1	56P1079	1	Assembly, sheet feed (black)
2	12G4483	1	Assembly, D-roll (E320/E322 only)
2	56P0690	1	Assembly, D-roll (E220/E321/E323 only)
3	12G4541	1	Clutch assembly, paper feed (E320/E322 only)
4	56P1063	1	Clutch assembly, paper feed (E220/E321/E323 only)
5	12G4538	1	Roller, lower registration
6	12G4540	1	Gear, registration roller
7	12G4477	1	Sensor, cartridge
8	56P1099	1	Parts pack, bushings/clip/spring
9	12G4482	1	Bracket, Tray 2 connector
10	12G4490	1	Roll, paper feed
11	56P1099	1	Parts pack, bushings/clip/spring
12	12G4476	1	Sensor, exit
13	12G4475	1	Sensor, registration
14	12G4539	2	Bushing, registration roller
15	12G4480	1	Strip, D-roll
16	12G4474	1	Roll assembly, registration
17	56P0691	1	Pad assembly, paper separator

Assembly 6: Printhead

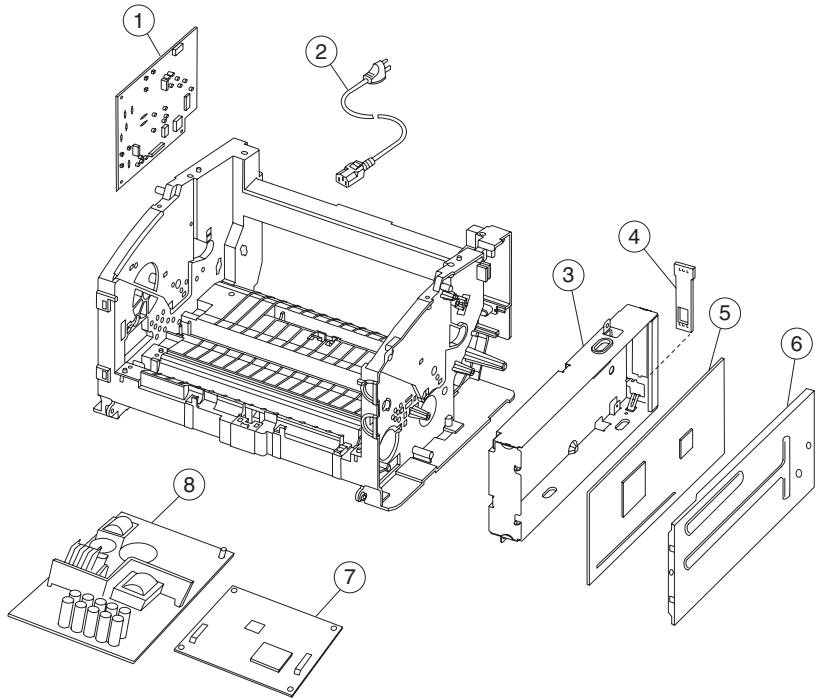


Assembly 6: Printhead

Asm-index	Part number	Units	Description
6-1*	56P1061	1	Cable, LSU-J5
2*	56P1068	1	Cable, mirror motor-J7
3	56P1087	1	Assembly, printhead (E220/E321/E323 only)
4*	56P1062	1	Cable, cover open switch-J6
5*	56P1080	1	Interlock, cover (E220/E321/E323 only)
6	12G4498	1	Plate, printhead (E320/E322 only)
7	56P0686	1	Interlock, cover sensor (E320/E322 only)
8	12G4497	1	Assembly, printhead (E320/E322 only)

* Contact Lexmark for availability.

Assembly 7: Electronics

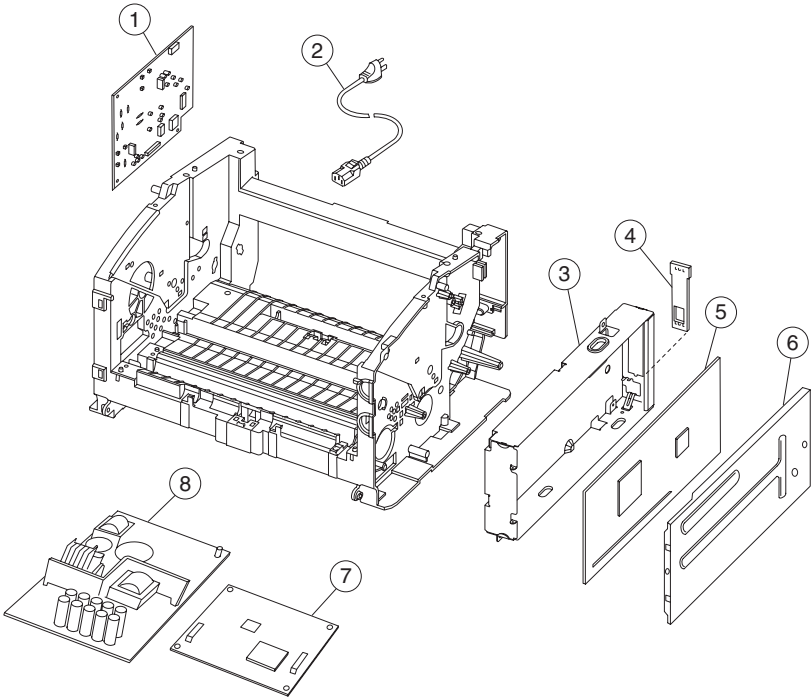


Assembly 7: Electronics

Asm-index	Part number	Units	Description
7-1	12G4509	1	Card, HVPS
2	1339526	1	Power cord, U.S., Canada, Brazil, Bolivia, Peru, Mexico, Saudi Arabia, Columbia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Venezuela (HV)
2	1339528	1	Power cord, UK, Ireland, Iceland, Kuwait, Bahrain, Qatar, Oman, Pakistan, Yemen, Iraq, Libya, Cyprus
2	1339529	1	Power cord, Paraguay, Austria, Belgium, France, Netherlands, Czech, Slovak Countries, Greece, Hungary, Finland, Norway, Sweden, Germany, Lebanon, Syria, Egypt, Jordan, Iran, Bosnia, Bulgaria, Croatia, Slovenia, Macedonia, Yugoslavia, Romania, South Africa, Poland, Russia, Turkey, Spain, Catalan, Portugal
2	1339530	1	Power cord, Israel
2	1339531	1	Power cord, Switzerland
2	1339532	1	Power cord, South Africa
2	1339533	1	Power cord, Chile, Uruguay, Italy
2	1339534	1	Power cord, Denmark
3	12G4504	1	Cage, controller (E320/E322 only)
3*	56P1055	1	Cage, controller (E220/E321/E323 only)
4	56P0187	1	Bracket, Hn controller card (E320/E322 only)
4	56P1067	1	Bracket, Hn controller card (E220/E321/E323 only)

* Contact Lexmark for availability.

Assembly 7 (cont.):

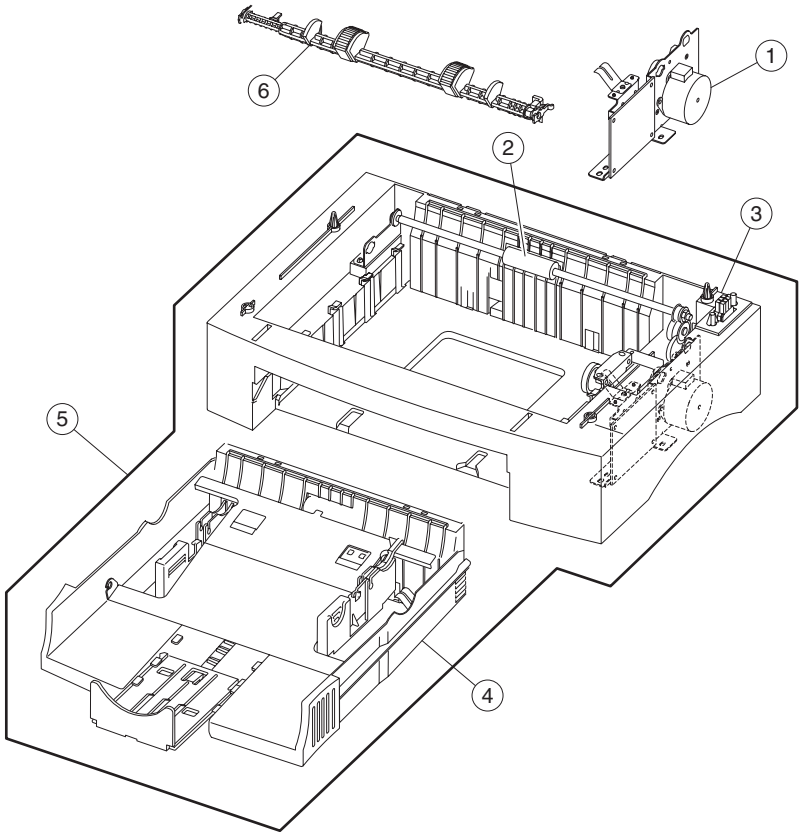


Assembly 7 (cont.): Electronics

Asm-index	Part number	Units	Description
5	12G4501	1	Card, controller E320
5	12G4502	1	Card, controller E322
5	12G4503	1	Card, controller E322 network
5	56P1071	1	Card, controller E220/E321
5	56P1073	1	Card, controller E323
5	56P1074	1	Card, controller E323 network
6	12G4505	1	Cover, cage (E320/E322 only)
6*	56P1056	1	Cover, cage (E220/E321/E323 only)
7	12G4506	1	Card, engine (E320/E322 only)
8	12G4507	1	Card, LVPS 110 V (E320/E322 only)
8	12G4508	1	Card, LVPS 220 V (E320/E322 only)
8	56P1097	1	Card, LVPS 110 V (E220/E321/E323 only)
8	56P1098	1	Card, LVPS 220 V (E220/E321/E323 only)

* Contact Lexmark for availability.

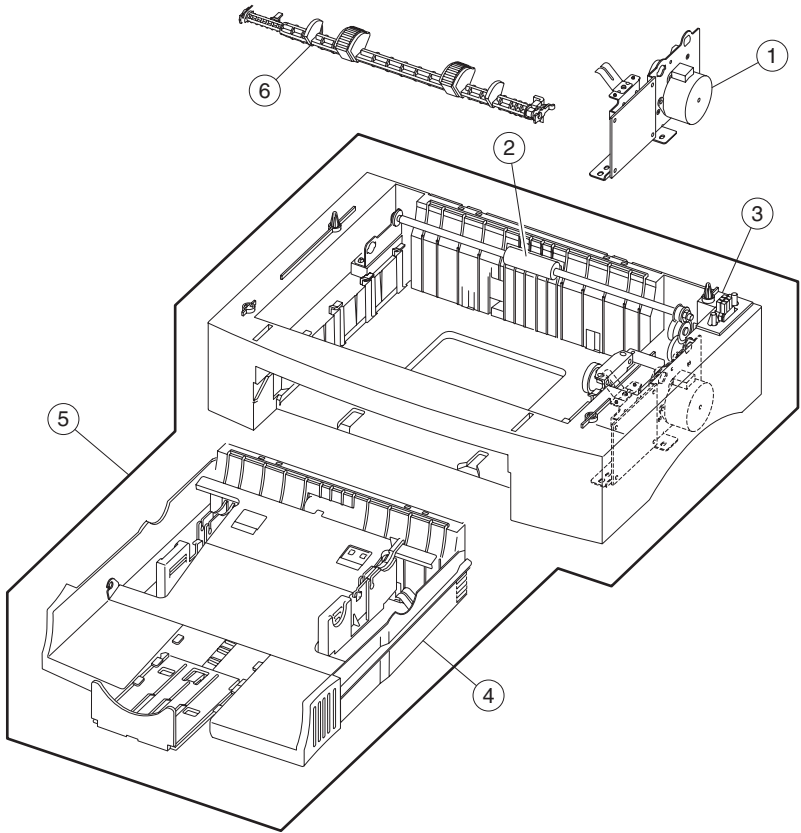
Assembly 8: Options



Assembly 8: Options

Asm-index	Part number	Units	Description
Models E320/E322			
8-1	12G4516	1	Board, motor, Tray 2 (E320/E322 only)
2	12G4515	1	Kit assembly, feed roller
3	12G4514	1	Base assembly, Tray 2
4	12G4513	1	Drawer, Tray 2 (white)
6	12G4532	1	D-roll, feed, Tray 2
Models E220/E321/E323 (black)			
2	12G4515	1	Kit assembly, feed roller
4	56P1090	1	Tray, Tray 2
5	56P1089	1	Base asm., Tray 2 complete
6	12G4532	1	D-roll, feed, Tray 2
Models E220/E321/E323 (white)			
2	12G4515	1	Kit assembly, feed roller
4	12G4513	1	Drawer, Tray 2
5	56P1066	1	Base asm., Tray 2 complete
6	12G4532	1	D-roll, feed, Tray 2
All models (exceptions noted)			
NS	56P0589	1	Cover, Tray 2 media
NS	99A1752	1	4MB SDRAM SIMM (E322 only)
NS	56P0695	1	8MB SDRAM DIMM
NS	56P0696	1	16MB SDRAM DIMM
NS	56P0697	1	32MB SDRAM DIMM
NS	56P0698	1	64MB SDRAM DIMM
NS	99A1757	1	2MB Flash DIMM (E323 only)
NS	99A1758	1	4MB Flash DIMM (E323 only)
NS	99A1759	1	8MB Flash DIMM (E323 only)
NS	99A1774	1	16MB Flash DIMM (E323 only)

Assembly 8 (cont.): Options



Assembly 8 (cont.): Options

Asm-index	Part number	Units	Description
NS	99A1683	1	Optra Forms™ 2MB Flash DIMM (E323 only)
NS	99A1684	1	Optra Forms 4MB Flash DIMM (E323 only)
NS	99A1685	1	Optra Forms 8MB Flash DIMM (E323 only)
NS	99A1686	1	Optra Forms 16MB Flash DIMM (E323 only)
NS	12G9833	1	MarkNet™ X2011e Ethernet 10/100Base TX
NS	12G9832	1	MarkNet X2012e Ethernet 10/100Base TX/10Base2 – 1 port
NS	12G9831	1	MarkNet X2031e Ethernet 10/100Base TX – 3 ports
NS	12G9830	1	MarkNet X2030t Token–Ring–3 ports
NS	99A0521	1	1MB Flash SIMM (E322 only)
NS	99A0522	1	2MB Flash SIMM (E322 only)
NS	99A0523	1	4MB Flash SIMM (E322 only)

Assembly 9: Cables

Asm-index	Part number	Units	Description
E320/E322 only			
NS	12G4517	1	Cable, HVPS–J1
NS	12G4518	1	Cable, input/exit sensor–J2
NS	12G4519	1	Cable, smart–J3
NS	12G4520	1	Cable, motor–J5
NS	12G4521	1	Cable, toner sensor–J6
NS	12G4522	1	Cable, controller–J11
NS	12G4523	1	Cable, option–J13
NS	12G4524	1	Cable, fuser lamp
NS	12G4525	1	Cable, ground wire
NS	12G4526	1	Cable, option
NS	12G4527	1	Cable, cover open switch–J9
NS	12G4528	1	Cable, AC receptacle
NS	12G4545	1	Cable, PSU–J12
E220/E321/E323 only			
NS*	56P1057	1	Cable, HVPS–J3
NS*	56P1058	1	Cable, input/exit sensor–J11
NS8	56P1059	1	Cable, smart IC–J13
NS*	56P1060	1	Cable, motor–J8
NS*	56P1061	1	Cable, LSU–J5
NS*	56P1062	1	Cable, cover open switch–J6
NS*	56P1068	1	Cable, mirror motor–J7
NS*	56P1069	1	Cable, LVPS–J1
NS*	56P1081	1	Cable, toner sensor–J4
NS*	56P1088	1	Cable, option tray–J15
NS*	56P0650	1	Cable, fuser lamp

* Contact Lexmark for availability.

Assembly 10: Miscellaneous

Asm-index	Part number	Units	Description
NS	12G4529	1	Ring, CS
NS	12G4530	1	Clamp, mini
NS	12G4531	1	Parts pack, screws
NS	7371901	1	Kit, field relocation
NS	56P1099	1	Parts pack, bushing/clip/spring
NS	56P1070	1	Overlay group, non-English overlays