

7 Parts and diagrams

This chapter contains information about ordering parts, supplies, and accessories. It includes diagrams of the major subassemblies of the MFP and includes the part numbers for replaceable parts.

Order parts, accessories, and supplies

- [Order directly from HP](#)
- [Order through service or support providers](#)
- [Order directly through the embedded Web server](#)

Order directly from HP

You can obtain the following directly from HP:

- **Replacement parts.** To order replacement parts in the U.S. see <http://www.hp.com/buy/parts>. Outside the United States, order parts by contacting your local authorized HP service center.
- **Supplies and accessories.** To order supplies in the U.S., see <http://www.hp.com/go/ljsupplies>. To order supplies worldwide, see <http://www.hp.com/ghp/buyonline.html>. To order accessories, see <http://www.hp.com/support/cljcm4730mfp>.

Order through service or support providers

To order a part or accessory, contact an HP-authorized service or support provider.

Order directly through the embedded Web server

1. In the Web browser on the computer, type the IP address for the MFP. The MFP status window appears.
2. In the **Other links** area, double-click **Order Supplies**. This provides a URL from which to purchase consumables. Supplies information with part numbers and MFP information is provided.
3. Select the part numbers that you want to order and follow the instructions on the screen.

How to use the parts lists and diagrams

The figures in this chapter illustrate the major field replaceable unit (FRU) assemblies and subassemblies in the HP LaserJet M4345 MFP Series. A table (parts number list) follows each exploded assembly diagram. The tables list a reference number for each specific part, the part number, and a brief description of the part.



CAUTION When looking for an electrical part, pay careful attention to the voltage that is listed in the part description column to ensure that the component part number that you select is for the correct MFP model.



NOTE Parts that do not have a reference number or part number are not FRUs, and cannot be ordered as individual replacement parts. However, all serviceable parts should be available as part of a larger operable subassembly.

The following lists of supplies and accessories were current at the time of printing. Availability of accessories might change during the life of the MFP.

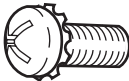
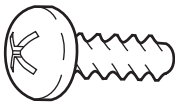
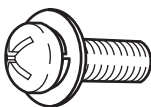

Screws that are used in the MFP

The following table describes the screws that are used in the MFP and provides guidelines to help determine where each type of screw is used. The screws can vary in length depending on the thickness of the material that is being fastened. Always note where each type of screw is located and replace each one in its original location.



NOTE When you are disassembling the MFP, place the screws into the chassis holes from which they were removed. This prevents their loss, and ensures that the correct type and length of screw for each location is used when the MFP is reassembled.

Table 7-1 Common fasteners used in this MFP

Drawing and description	Purpose
 <p>Phillips-head machine screw with captive star washer</p>	<p>This screw is used to fasten metal to metal when good electrical contact is needed. This screw also provides high resistance to loosening.</p>
 <p>Phillips-head screw with self-tapping threads</p>	<p>This screw is used to fasten sheet metal or plastic to plastic frames (the deep, coarsely spaced threads provide an increased holding capability while decreasing the possibility of stripping the target hole).</p> <p>NOTE To install a self-tapping screw, first turn it counterclockwise to align it with the existing thread pattern, and then carefully turn it clockwise to tighten it. You will feel resistance and hear the screw click when it engages the existing threads in the hole. Do not overtighten the screw. If a self-tapping screw-hole becomes stripped, repair the screw-hole or replace the affected assembly.</p>
 <p>Phillips washer-head machine screw with a broad, flat washer attached to the screw head</p>	<p>This screw is used to fasten sheet metal parts to the sheet metal chassis. It spans large clearance holes and distributes the load by increasing the bearing surface.</p>
Screw measurement guide	
<p>6mm 8mm 10mm 12mm M3 M4</p> 	

Customer-replaceable parts and accessories

Accessories

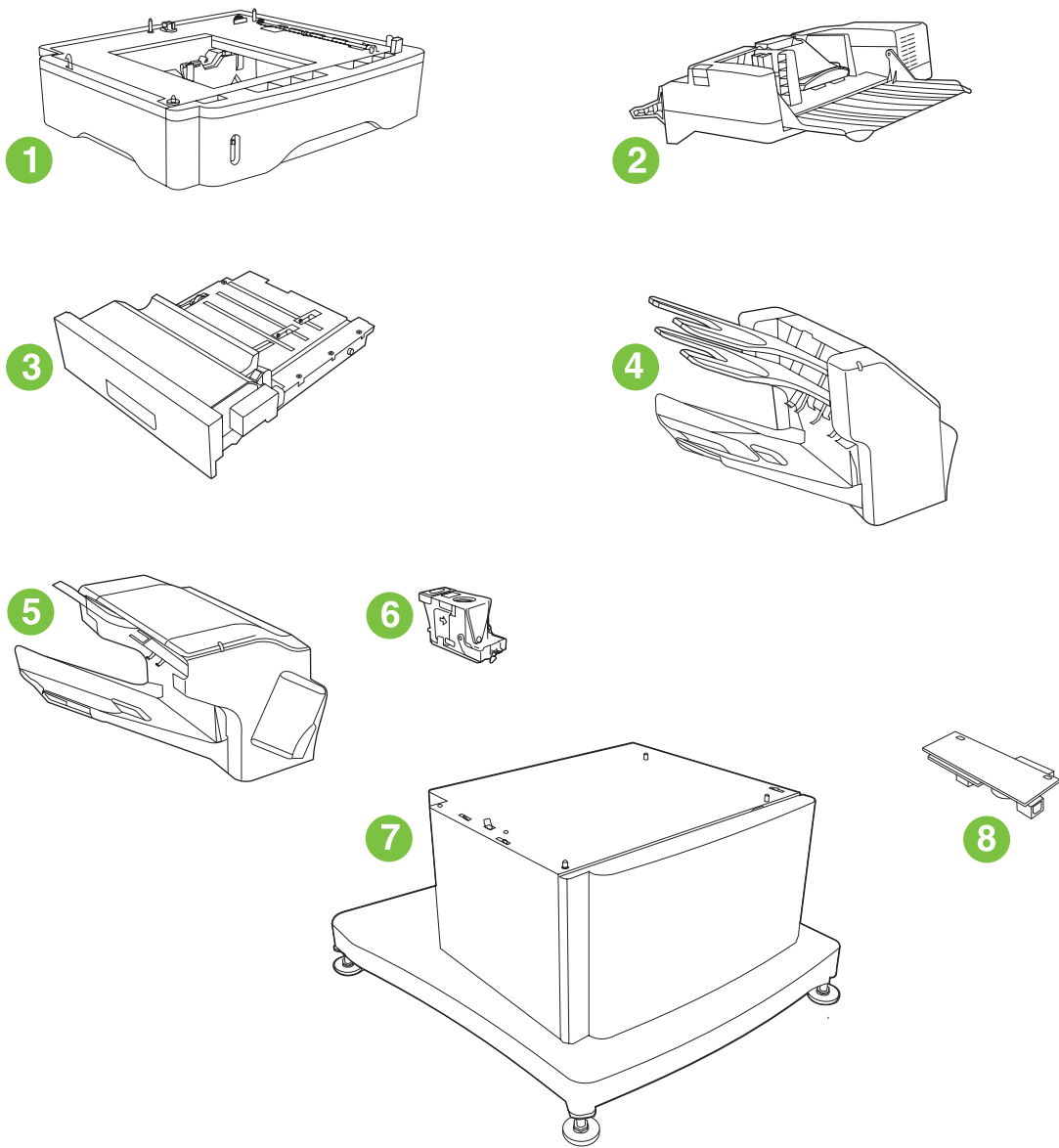


Figure 7-1 Accessories

Table 7-2 Accessories

Reference	Description	Part number	Quantity
1	Optional 500-sheet tray and feeder unit	Q5968-67901	1
2	Envelope feeder	Q2438-67902	1
3	Duplexer (duplex printing accessory)	Q5969A	1
4	3-bin mailbox	Q5692-60503	1
5	500-sheet stapler/stacker	Q5691-60501	1
6	5,000-staple cartridge	C8085-60541	1
7	Storage cabinet	Q5970A	1
8	HP LaserJet analog fax accessory 300	Q3701-60010	1

Customer-replaceable components (print engine)

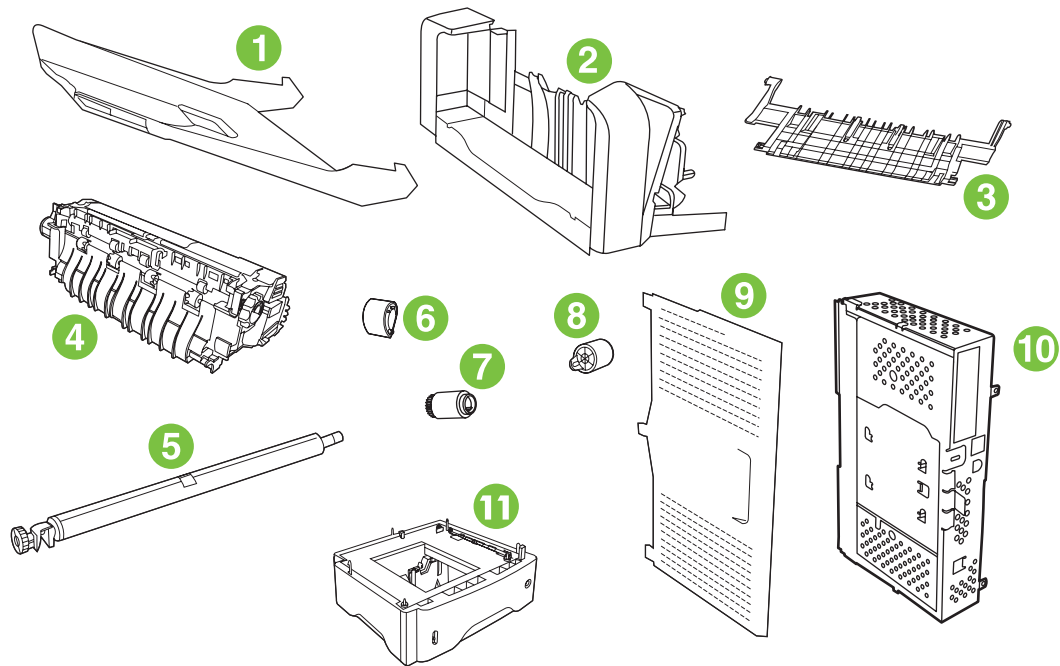


Figure 7-2 Customer-replaceable components (print engine)

Table 7-3 Customer-replaceable components (print engine)

Reference	Description	Part number	Quantity
1	Output bin	RM1-0940-000CN	1
2	Delivery tray assembly	RM1-1047-000CN	1
3	Fuser entrance guide	RM1-1046-000CN	1
4	Fuser, 110-volt, new	RM1-1043-000CN	1
4	Fuser, 220-volt, new	RM1-1044-000CN	1
5	Roller assembly, transfer	RM1-1110-000CN	1
6	Roller, pickup, multipurpose assembly	RL1-0019-000CN	1
7	Roller, paper-feed (cassette)	RM1-0037-000CN	2
8	Roller, paper-pickup (cassette)	RM1-0036-000CN	1
9	Cover, formatter	RC1-3035-000CN	1
10	Formatter assembly, new	CB425-67901	1
11	500-sheet tray	Q5968A	1

Customer-replaceable components (ADF and scanner)

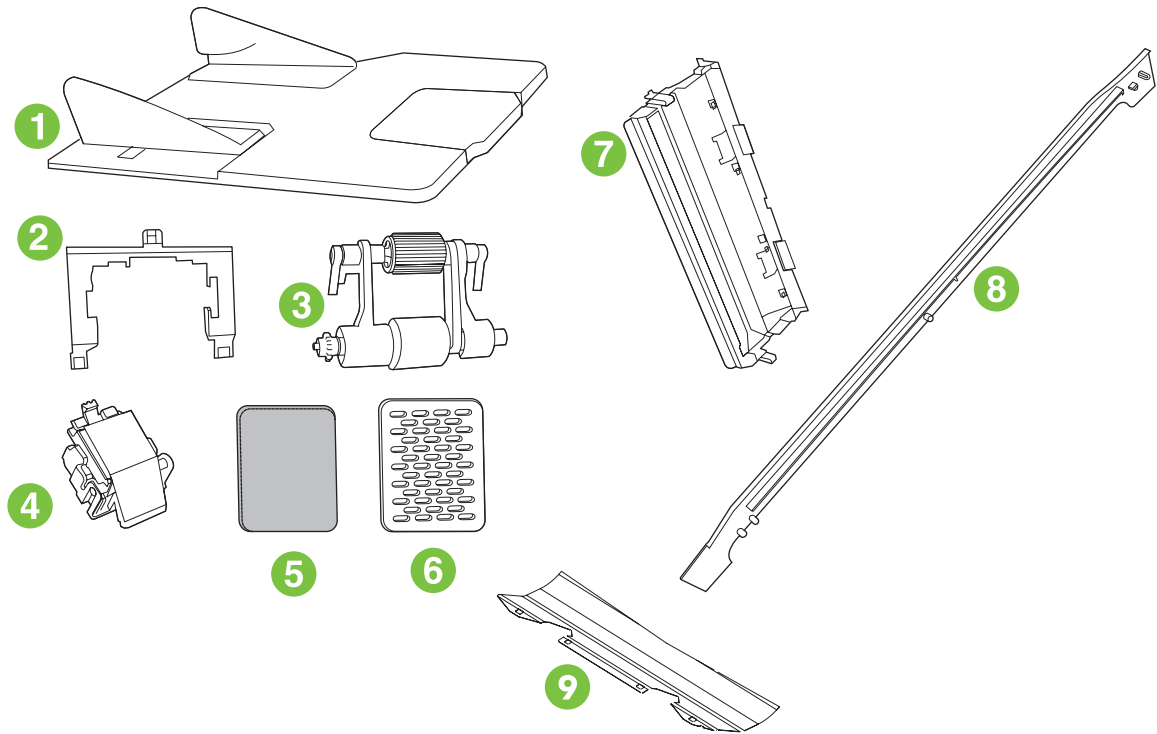


Figure 7-3 Customer-replaceable components (ADF and scanner)

Table 7-4 Customer-replaceable components (ADF and scanner)

Reference	Description	Part number	Quantity
1	ADF input tray	PF2282K042NI	1
2	ADF pickup-roller cover	PF2282K040NI	1
3	ADF pickup-roller assembly	PF2282K039NI	1
4	ADF separation-pad assembly	PF2282K035NI	1
5	ADF fan filter	IR4041P007NI	1
6	ADF fan-filter cover	IR4041P217NI	1
7	ADF mylar-holder assembly	PF2282K043NI	1
8	ADF front-cover flange	IR4041P215NI	1
9	Mylar sheet kit (3 sheets)	Q6496-67901	1

Cables and interfaces

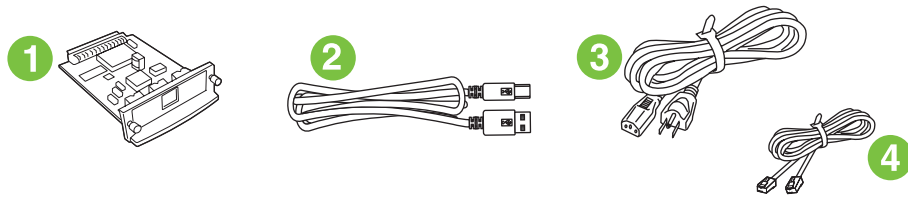


Figure 7-4 Cables and interfaces

Table 7-5 Cables and interfaces

Reference	Description	Part number	Quantity
1	HP Jetdirect 620n Fast Ethernet (10/100Base-TX) print server (EIO card)	J7934A	1
1	HP Jetdirect connectivity card for USB, serial, and LocalTalk connections	J4135A	1
2	USB cable, 2-meter standard device connector	C6518A	1
3	PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS United States/Canada	8121-0740	1
3	PWR-CORD OPT-934 3-COND 1.9-M-LG ROHS Taiwan	8121-0964	1
3	PWR-CORD OPT-902 3-COND 1.9-M-LG ROHS Southern Europe/Western Europe/Eastern Europe/Indonesia/Baltics/Vietnam/Korea 220V	8121-0731	1
3	PWR-CORD OPT-922 3-COND 1.9-M-LG ROHS China	8121-0943	1
3	POWER CORD, OPT-906 3-COND 2.25-M-LG	8120-6815	1
3	PWR-CORD OPT-927 3-COND 1.9-M-LG ROHS Phillipines/Singapore/Mexico/Brazil/Thailand	8121-0734	1
3	PWR-CORD OPT-900 3-COND 1.9-M-LG 5A ROHS United Kingdom/Middle East 220V/Phillipines/Singapore/Hong Kong SAR/Malaysia	8121-0739	1
3	PWR-CORD OPT-901 3-COND 1.9-M-LG ROHS Australia	8121-0837	1
3	PWR-CORD OPT-918 3-COND 1.9-M-LG ROHS Japan	8121-0736	1
3	PWR-CORD OPT-919 3-COND 1.9-M-LG ROHS Israel	8121-1004	1
3	PWR-CORD OPT-912 3-COND 1.9-M-LG ROHS Denmark	8121-0733	1
3	PWR-CORD OPT-920 3-COND 1.9-M-LG ROHS Argentina	8121-0729	1
3	PWR-CORD OPT-923 3-COND 1.9-M-LG ROHS India	8121-0564	1
3	PWR-CORD OPT-917 3-COND 1.9-M-LG ROHS Africa	8121-0737	1
3	PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS South America/Mexico/Brazil	8121-0740	1
3	PWR-CORD OPT-900 3-COND 1.9-M-LG 5A ROHS Maylasia	8121-0739	1
3	PWR-CORD OPT-906 3-COND 1.9-M-LG ROHS Switzerland	8121-0738	1
3	PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS Middle East	8121-0740	1
3	PWR-CORD OPT-902 3-COND 1.9-M-LG ROHS Middle East 220V	8121-0731	1
4	PHN-CORD OPT-501 US 3.0-M-LG ROHS United States/Taiwan/China/Thailand/Japan/Argentina/India/European Union/South America/Indonesia/Malaysia/MiddleEast/Phillipines/Singapore/Mexico/Brazil/Canada/Russia/Bulgaria/Baltics/Vietnam	8121-0811	1
4	PHN-CORD OPT-516 KR 3.0-M-LG ROHS Korea	8120-8908	1
4	PHN-CORD US 3.0-M-LG ROHS Hong Kong SAR	8121-1042	1
4	PHN-CORD OPT-519 AU 3.0-M-LG ROHS Australia	8120-8907	1

Reference	Description	Part number	Quantity
4	PHN-CORD OPT-517 IL 3.0-M-LG ROHS Israel	8120-8913	1
4	PHN-CORD OPT-505 UK/HK/NZ 3.0-M-LG ROHS United Kingdom	8120-8921	1
4	PHN-CORD OPT-506 DK 3.0-M-LG ROHS Denmark	8120-8911	1
4	PHN-CORD OPT-520 EE 3.0-M-LG ROHS South Africa	8120-8922	1
4	PHN-CORD OPT-502 DE 3.0-M-LG ROHS Denmark	8120-8912	1
4	PHN-CORD OPT-508 NL 3.0-M-LG ROHS Netherlands	8120-8915	1
4	PHN-CORD OPT-504 FR 3.0-M-LG ROHS France	8120-8923	1
4	PHN-CORD OPT-514 IT 3.0-M-LG ROHS Southern Europe	8120-8914	1
4	PHN-CORD OPT-512 CH 3.0-M-LG ROHS Switzerland	8121-0844	1
4	PHN-CORD OPT-511 SE 3.0-M-LG ROHS NO/FI/SV	8120-8918	1
4	PHN-CORD OPT 510 NORWAY/FINLAND 3.0M-LG	8120-8916	1
4	PHN-CORD OPT-507 TR 3.0-M-LG ROHS Turkey/Greece	8120-8920	1
4	PHN-CORD OPT-520 EE 3.0-M-LG ROHS SK/SL/HR/RO/CS/HU/PL	8120-8922	1

Control panel and control-panel overlays

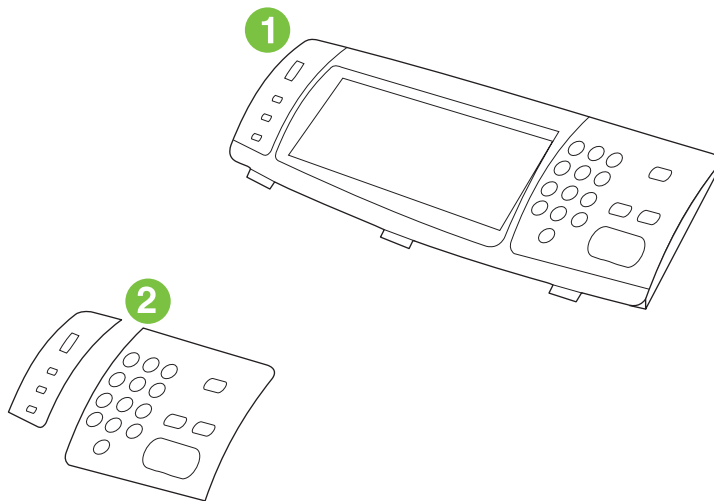


Figure 7-5 Control panel and control-panel overlays

Table 7-6 Control panel and control-panel overlays

Reference	Description	Part number	Quantity
1	Control-panel assembly	Q3942-60102	1
2	Kit-Control Pnl Overlay Left/Right EN	CB425-60103	1
2	Kit-Control Pnl Overlay Left/Right FR	CB425-60104	1
2	Kit-Control Pnl Overlay Left/Right IT	CB425-60105	1
2	Kit-Control Pnl Overlay Left/Right DE	CB425-60106	1
2	Kit-Control Pnl Overlay Left/Right ES	CB425-60107	1
2	Kit-Control Pnl Overlay Left/Right NL	CB425-60108	1
2	Kit-Control Pnl Overlay Left/Right PT	CB425-60109	1
2	Kit-Control Pnl Overlay Left/Right NO	CB425-60110	1
2	Kit-Control Pnl Overlay Left/Right SV	CB425-60111	1
2	Kit-Control Pnl Overlay Left/Right FI	CB425-60112	1
2	Kit-Control Pnl Overlay Left/Right DA	CB425-60113	1
2	Kit-Control Pnl Overlay Left/Right PL	CB425-60114	1
2	Kit-Control Pnl Overlay Left/Right RU	CB425-60115	1
2	Kit-Control Pnl Overlay Left/Right CS	CB425-60116	1
2	Kit-Control Pnl Overlay Left/Right HU	CB425-60117	1
2	Kit-Control Pnl Overlay Left/Right ZHTW	CB425-60118	1
2	Kit-Control Pnl Overlay Left/Right ZHCN	CB425-60119	1
2	Kit-Control Pnl Overlay Left/Right KO	CB425-60120	1
2	Kit-Control Pnl Overlay Left/Right JA	CB425-60121	1
2	Kit-Control Pnl Overlay Left/Right TR	CB425-60122	1
2	Kit-Control Pnl Overlay Left/Right HE	CB425-60123	1
2	Kit-Control Pnl Overlay Left/Right EL	CB425-60124	1
2	Kit-Control Pnl Overlay Left/Right AR	CB425-60125	1
2	Kit-Control Pnl Overlay Left/Right TH	CB425-60126	1
2	Kit-Control Pnl Overlay Left/Right HR	CB425-60129	1
2	Kit-Control Pnl Overlay Left/Right RO	CB425-60130	1
2	Kit-Control Pnl Overlay Left/Right SK	CB425-60131	1
2	Kit-Control Pnl Overlay Left/Right SL	CB425-60132	1

Memory

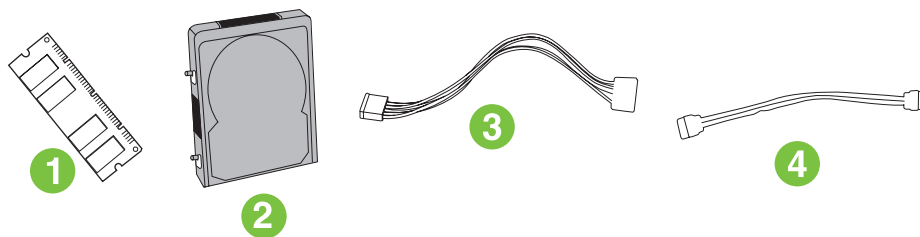


Figure 7-6 Memory

Table 7-7 Memory

Reference	Description	Part number	Quantity
1	100-pin DDR memory DIMM (dual inline memory module), 64 MB	Q2625A	1
1	100-pin DDR memory DIMM, 128 MB	Q2626A	1
1	100-pin DDR memory DIMM, 256 MB	Q2627-67951	1
2	Hard disk, 40 GB	0950-4717	1
3	Power cable for hard disk (5-wire)	5851-3051	1
4	Data cable for hard disk (2-wire)	5851-2720	1

Print cartridge and maintenance kits

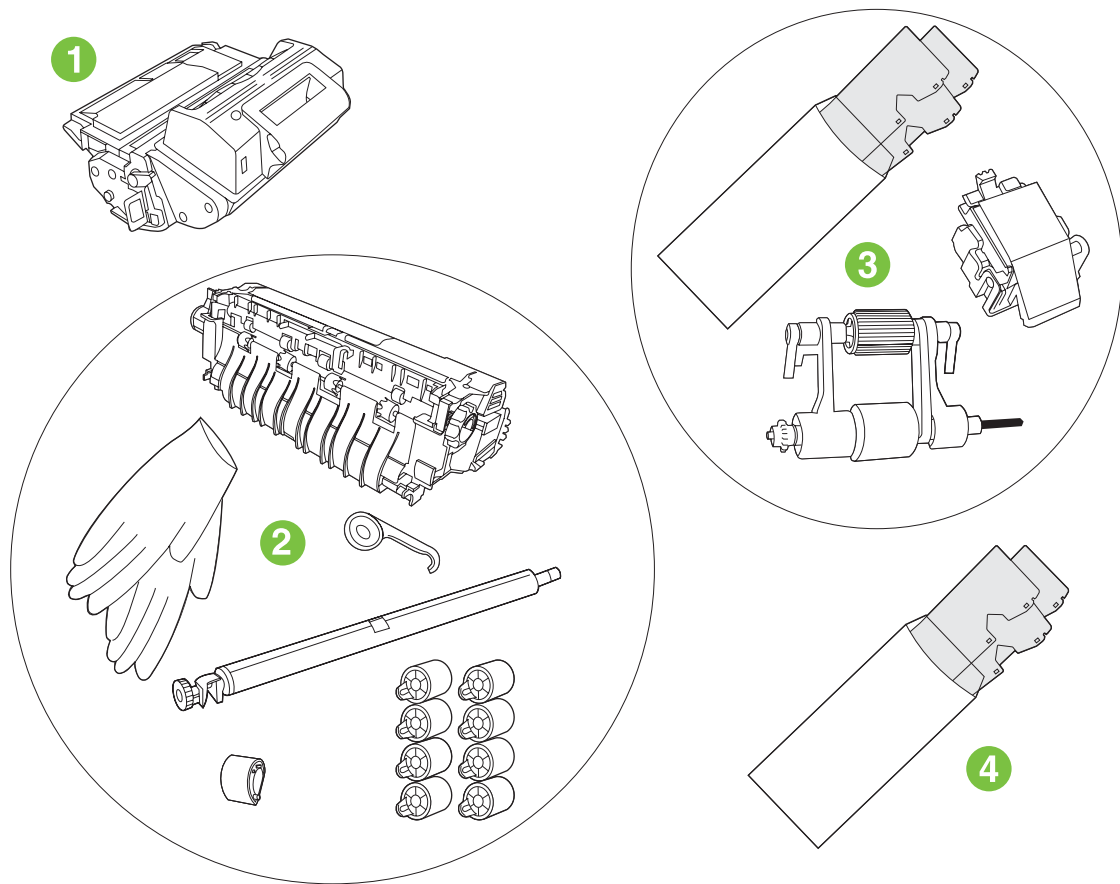


Figure 7-7 Print cartridge and maintenance kits

Table 7-8 Print cartridge and maintenance kits

Reference	Description	Part number	Quantity
1	HP LaserJet print cartridge	Q5945-67901	1
2	Printer maintenance kit, 110-volt	Q5998-67901	1
2	Printer maintenance kit, 220-volt	Q5999-67901	1
3	ADF maintenance kit	Q5997-67901	1
4	ADF mylar replacement kit	Q6496-67901	1

Documentation, software, and training material

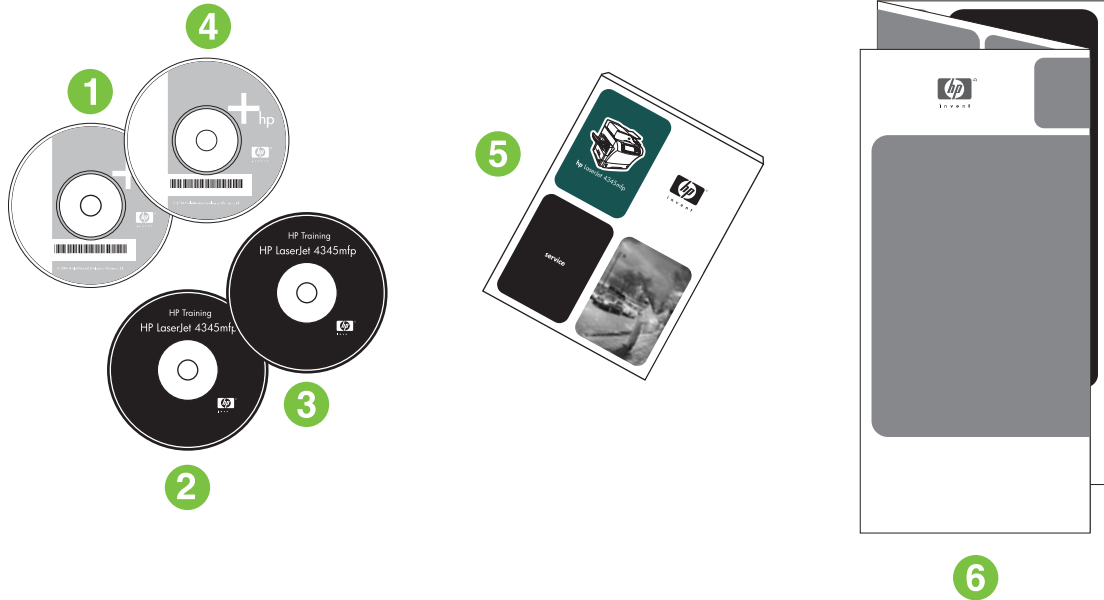


Figure 7-8 Documentation, software, and training material

Table 7-9 Documentation, software, and training material

Reference	Description	Part number	Quantity
1	HP LaserJet M4345 MFP Series software CD, ROW/AR	CB425-60135	1
1	HP LaserJet M4345 MFP Series software CD, Asia/EN/DR	CB425-60136	1
2	Customer in-box training CD, English only	CB425-60155	1
3	Service and support training CD	CB425-14005	1
4	HP Digital Sending Software CD (trial version)	MKTNG-00539	1
5	HP LaserJet M4345 MFP Series service manual	CB425-90908	1

Assembly locations

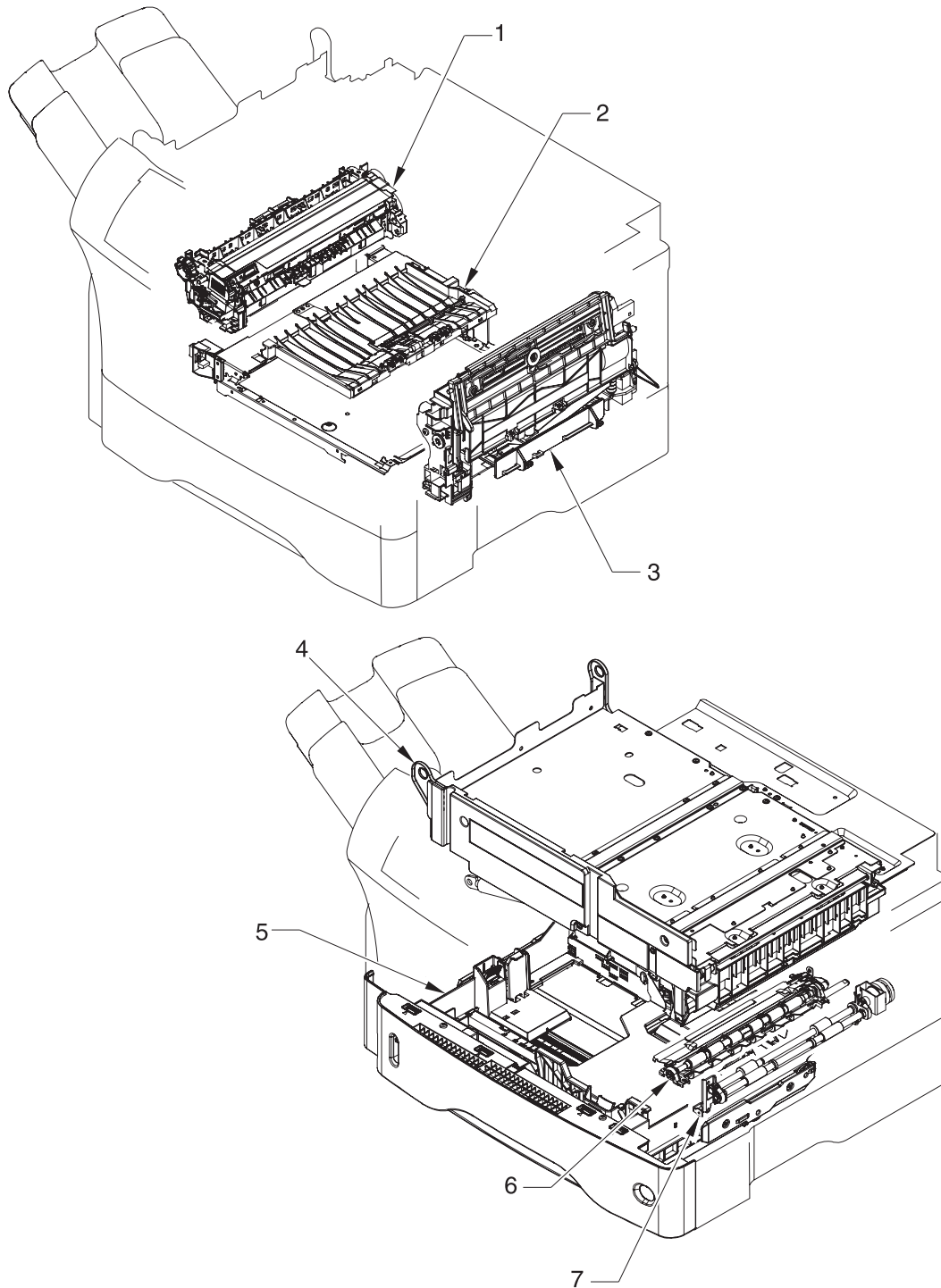


Figure 7-9 Print-engine assemblies (1 of 2)

Item	Assembly name	Details
1	Fuser	See Figure 7-29 Fuser on page 532.
2	Electrical/forward assembly	See Figure 7-18 Electrical/forward assembly on page 510.
3	Multipurpose assembly	See Figure 7-25 Multipurpose assembly on page 524.
4	Upper-plate assembly	See Figure 7-12 Upper-plate assembly on page 498.
5	Cassette	See Figure 7-22 Cassette on page 518.
6	Registration assembly	See Figure 7-24 Registration assembly on page 522.
7	Paper-feed-roller assembly	See Figure 7-23 Paper-feed roller assembly on page 520.

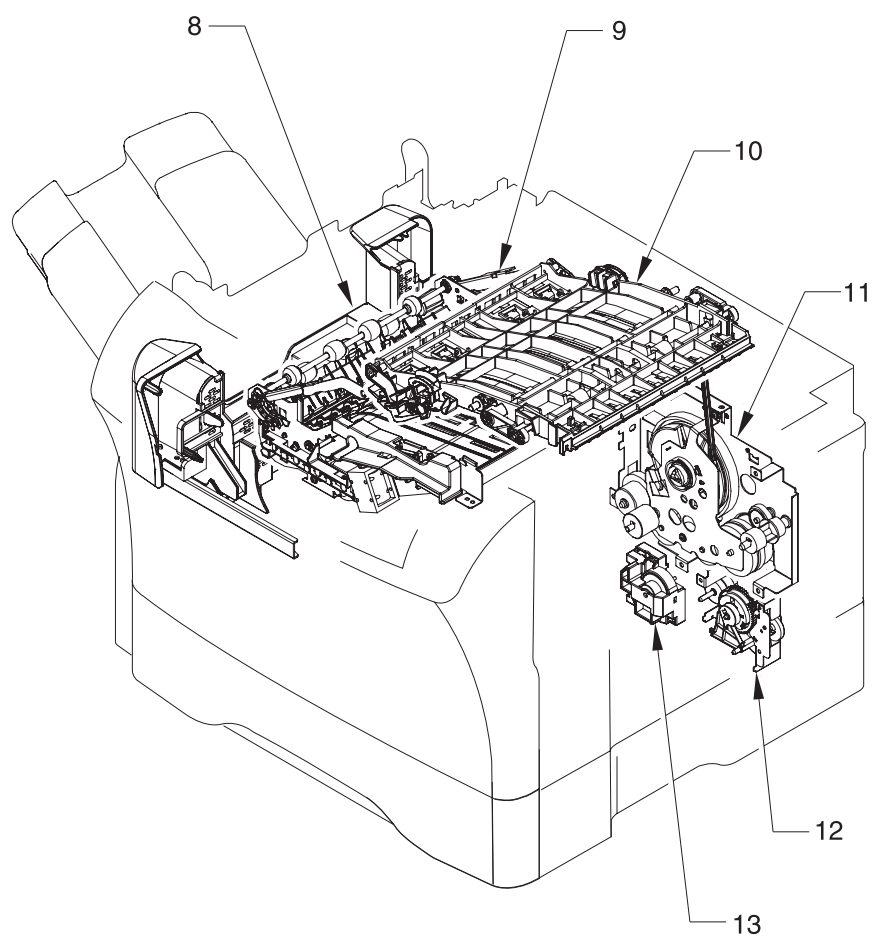


Figure 7-10 Print-engine assemblies (2 of 2)

Item	Assembly name	Details
8	Delivery assembly	See Figure 7-28 Delivery assembly on page 530.
9	Reverse assembly	See Figure 7-26 Reverse assembly on page 526.
10	Reverse-separation-guide assembly	See Figure 7-27 Reverse-separation-guide assembly on page 528.
11	Main drive assembly	See Figure 7-19 Main drive assembly on page 512.
12	Paper-pickup-drive assembly	See Figure 7-20 Paper-pickup-drive assembly on page 514.
13	Lifter-drive assembly	See Figure 7-21 Lifter-drive assembly on page 516.

External components

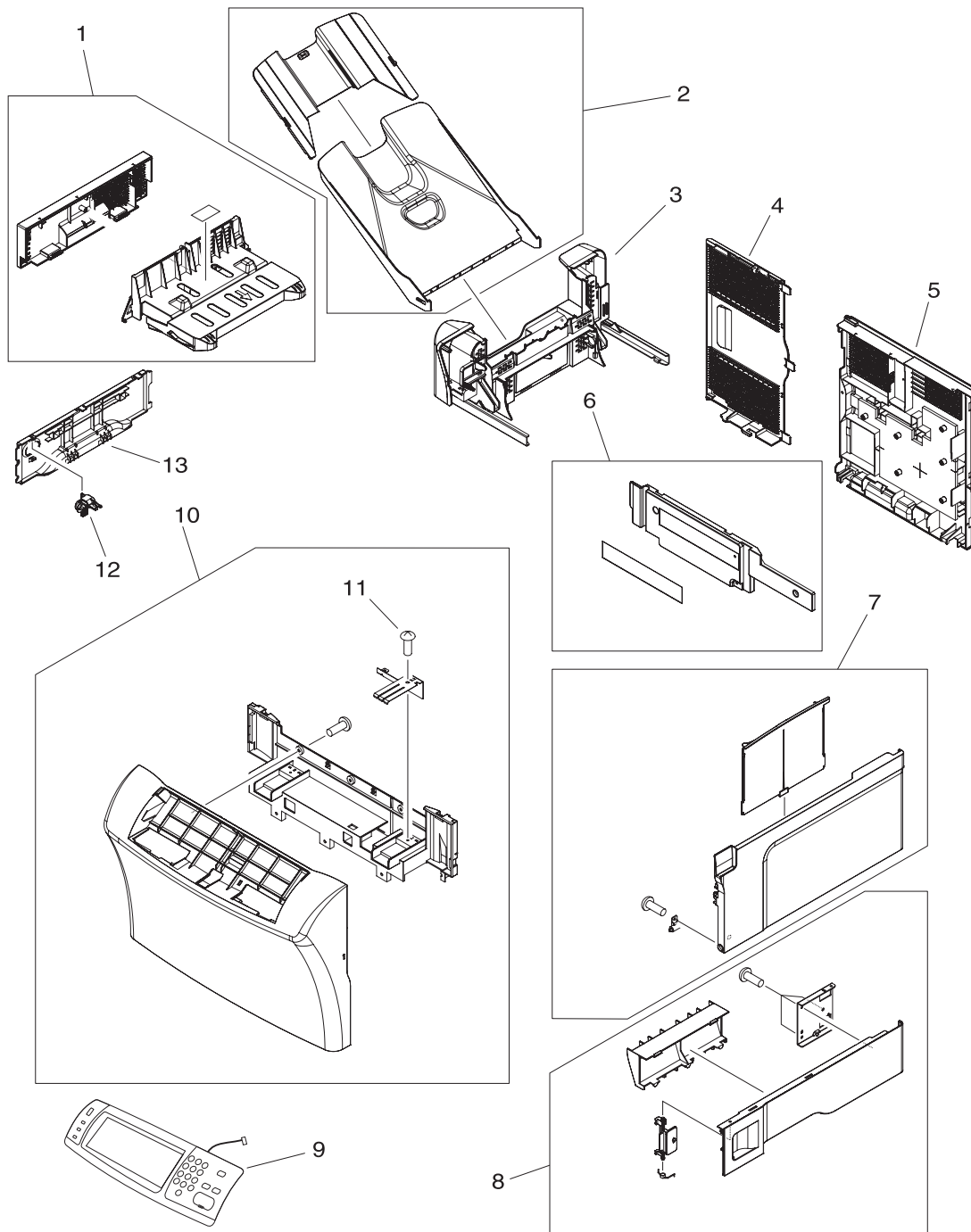


Figure 7-11 External panels and covers

Table 7-10 External panels and covers

Reference	Description	Part number	Quantity
1	Cover, duplexing-unit assembly	RM1-1018-000CN	1
2	Output-bin assembly	RM1-0940-000CN	1
3	Delivery assembly	RM1-1047-000CN	1
4	Cover, formatter	RC1-3035-000CN	1
5	Cover, rear	RM1-1017-000CN	1
6	Cover, front corner	RL1-0457-000CN	1
7	Cover, right assembly	RM1-1016-000CN	1
8	Cover, right lower assembly	RM1-1033-000CN	1
9	Control-panel assembly	CB425-60127	1
10	Cover, front assembly	RM1-1100-000CN	1
11	Screw, tapping, pan-head, M4 x 10	XB4-7401-0007CN	1
12	Switch, power	RC1-3044-000CN	1
13	Cover, cassette, left side	RC1-3043-000CN	1

Print-engine internal components

Upper-plate assembly

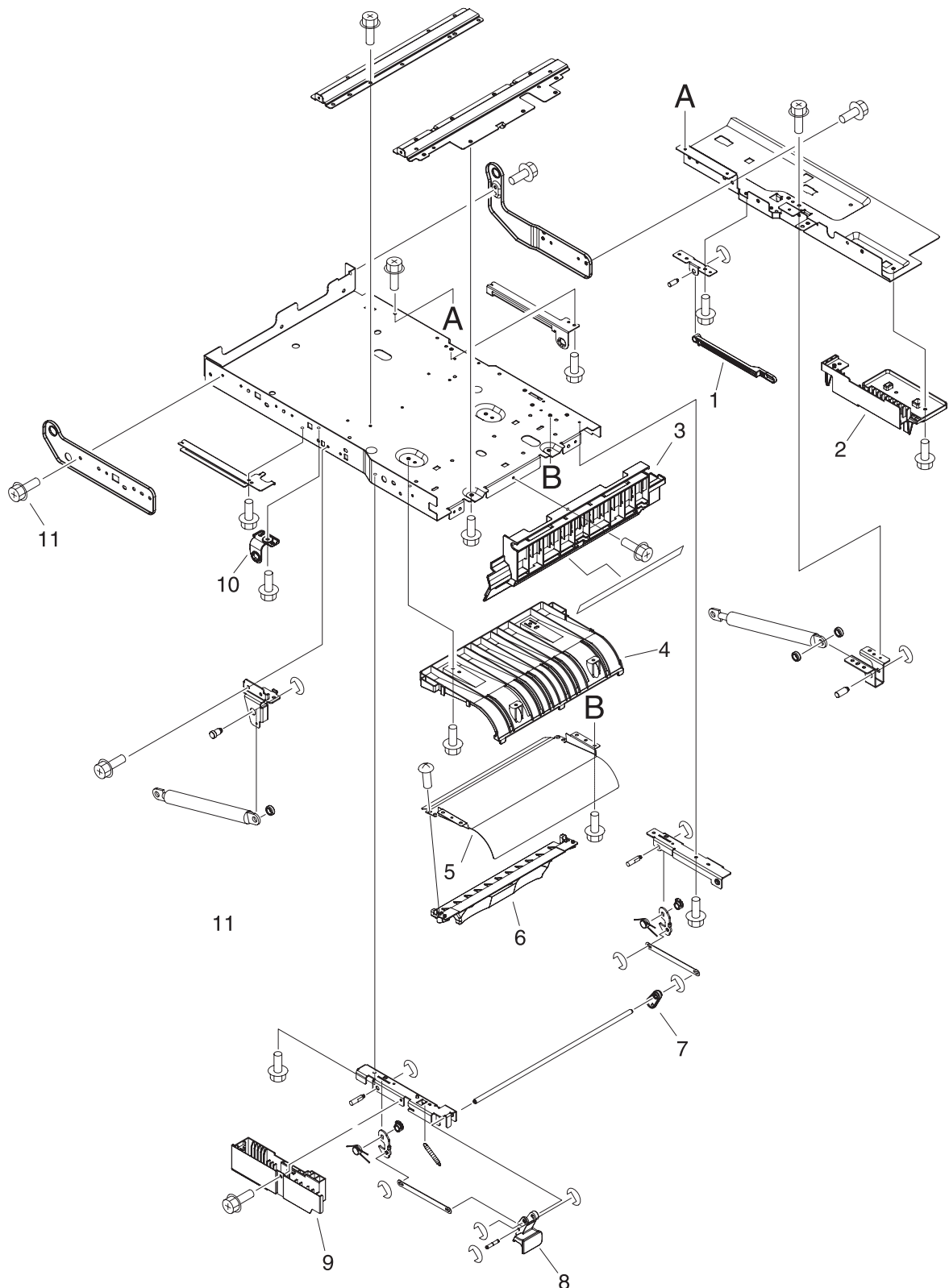


Figure 7-12 Upper-plate assembly

Table 7-11 Upper-plate assembly

Reference	Description	Part number	Quantity
1	Rod, link (upper plate)	RC1-2830-000CN	1
2	Cover, rear lock (upper plate)	RC1-2821-000CN	1
3	Holder, right shutter (upper plate)	RC1-2855-000CN	1
4	Guide, legal-size (upper plate)	RC1-2854-000CN	1
5	Guide, cartridge (upper plate)	RC1-2853-000CN	1
6	Support, cartridge (upper plate)	RC1-2856-000CN	1
7	Link, handle (upper plate)	RC1-2822-000CN	1
8	Handle, lock (upper plate)	RC1-2818-000CN	1
9	Cover, lock, front (upper plate)	RC1-2820-000CN	1
10	Block, guide support (upper plate)	RC1-3102-000CN	1
11	Screw, RS, M3 x 6	XA9-1495-000CN	1

Internal components (1 of 5)

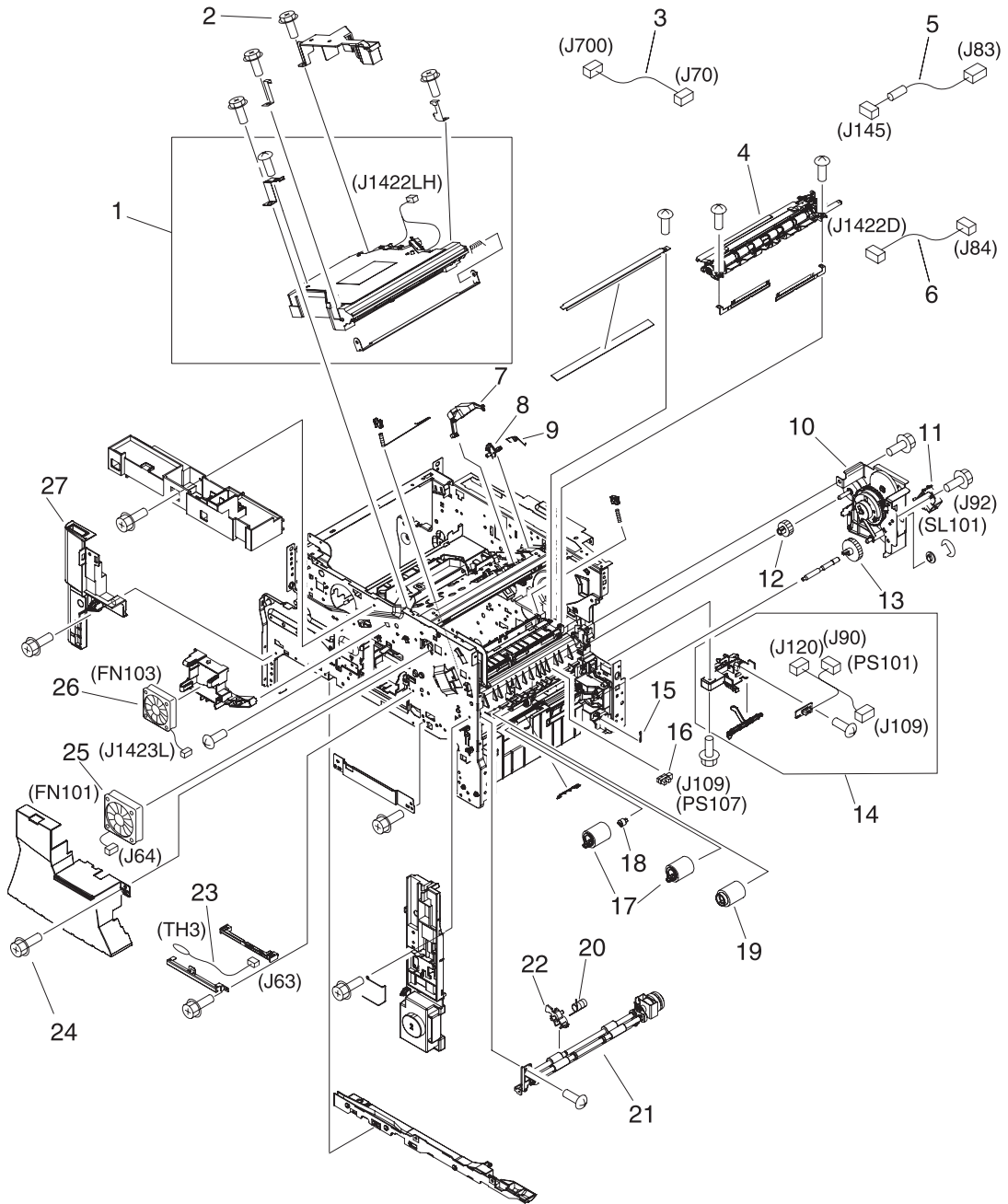


Figure 7-13 Internal components (1 of 5)

Table 7-12 Internal components (1 of 5)

Reference	Description	Part number	Quantity
1	Laser/scanner assembly	RM1-1573-000CN	1
2	Screw, RS, M3 x 12	XA9-1447-000CN	
3	Cable, image scanner (print engine)	RM1-1398-000CN	1
4	Registration assembly	RM1-0011-060CN	1
5	Cable, laser (print engine)	RM1-1367-000CN	1
6	Cable, beam-detect to scanner (print engine)	RM1-1372-000CN	1
7	Lever, shutter	RC1-3106-000CN	1
8	Flag, shutter	RC1-0378-000CN	1
9	Spring, torsion	RC1-0379-000CN	1
10	Paper-pickup-drive assembly	RM1-0034-070CN	1
11	Solenoid (SL101)	RK2-0269-000CN	1
12	Gear, 18T	RU5-0045-020CN	1
13	Gear, 23T	RU5-0256-000CN	1
14	Guide, paper sensing (PS101)	RM1-1010-000CN	1
15	Spring, tension	RC1-0167-000CN	1
16	Photointerrupter (PS107)	WG8-5624-000CN	1
17	Roller, paper-feed (cassette)	RM1-0037-020CN	2
18	Limiter, torque	RC1-2758-000CN	1
19	Roller, paper-pickup (cassette)	RM1-0036-000CN	1
20	Spring, torsion	RC1-0061-000CN	1
21	Roller, paper-feed assembly	RM1-0012-020CN	1
22	Flag, paper-feed sensor	RC1-0060-000CN	1
23	Thermistor (TH3)	RK2-0359-000CN	1
24	Screw, S, M3 x 8	XA9-1500-000CN	
25	Fan, main cooling (FN101)	RK2-0278-000CN	1
26	Fan, reversing unit (FN103)	RK2-0280-000CN	1
27	Cover, left-side, front	RC1-3052-000CN	1
not shown	Complete print engine (110 volt)	CB425-69001	
not shown	Complete print engine (220 volt)	CB425-69002	

Internal components (2 of 5)

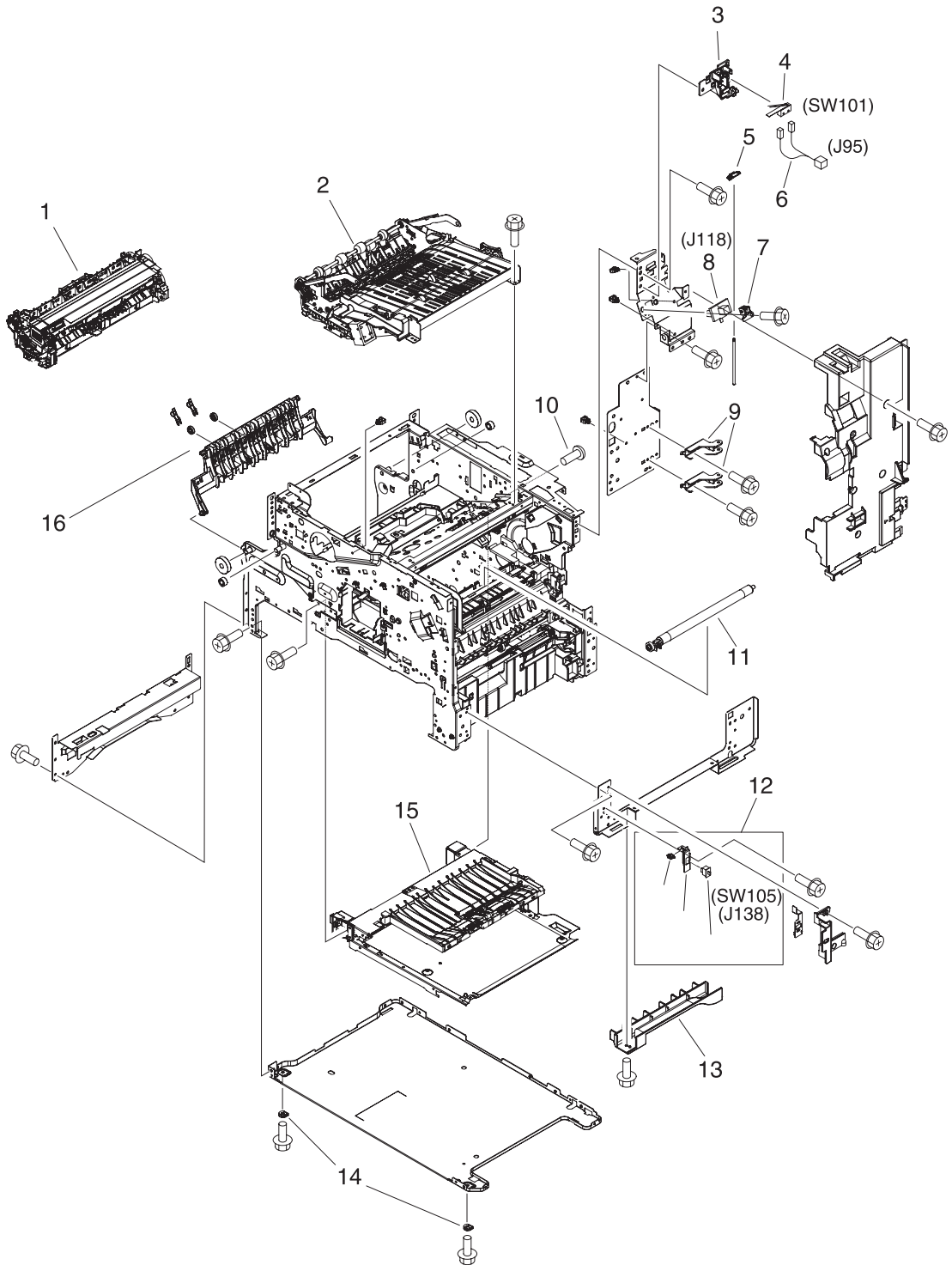


Figure 7-14 Internal components (2 of 5)

Table 7-13 Internal components (2 of 5)

Reference	Description	Part number	Quantity
1	Fuser (100–127 volt)	RM1-1043-000CN	1
1	Fuser (220–240 volt)	RM1-1044-000CN	1
2	Reverse assembly	RM1-1022-000CN	1
3	Holder, door switch	RC1-3063-000CN	1
4	Microswitch (SW101)	WC4-5139-000CN	1
5	Stopper, hinge shaft	RC1-3124-000CN	1
6	Cable, door switch	RM1-1397-000CN	1
7	Case, envelope-feeder connector	RC1-0245-000CN	1
8	Cable, envelope-feeder connector	RM1-1193-000CN	1
9	Hinge, door, right-side	RC1-2901-000CN	2
10	Screw, with washer, M3 x 6	XB2-7300-607CN	
11	Roller assembly, transfer	RM1-1110-000CN	1
12	Sensor assembly, right door	RM1-1045-000CN	1
13	Cover, handle, lower right	RC1-2881-000CN	1
14	Spacer, screw	RC1-0392-000CN	2
15	Electrical/forward assembly	For reference only	
16	Fuser entrance guide	RM1-1046-000CN	1

Internal components (3 of 5)

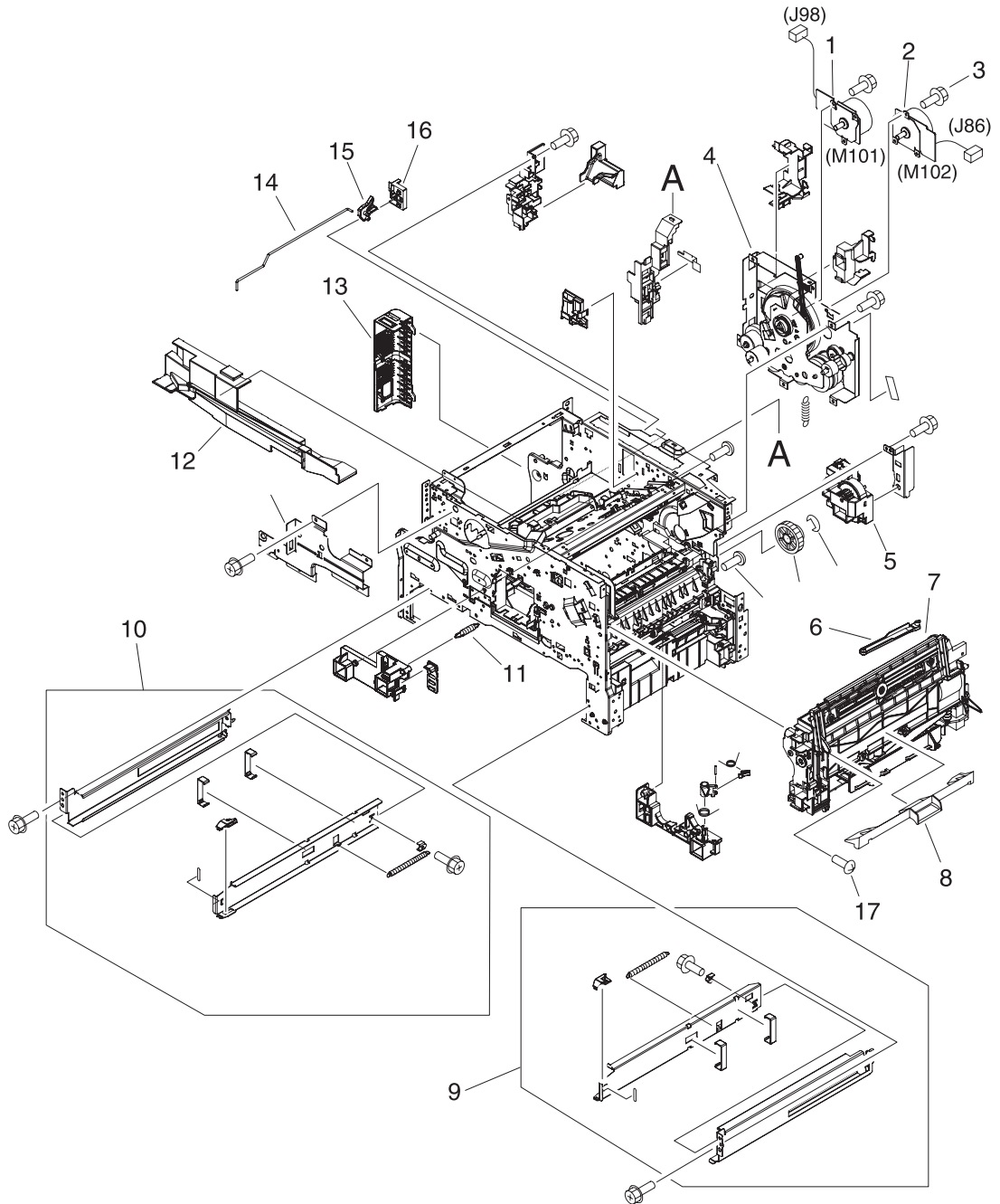


Figure 7-15 Internal components (3 of 5)

Table 7-14 Internal components (3 of 5)

Reference	Description	Part number	Quantity
1	Motor, DC 24-volt, (M101)	RK2-0272-000CN	1
2	Motor, DC 24-volt, (M102)	RK2-0274-000CN	1
3	Screw, tapping, M3 x 6	XA9-1503-000CN	
4	Main drive assembly	RM1-1049-000CN	1
5	Lifter drive assembly	RM1-1029-000CN	1
6	Rod, link	RC1-2902-000CN	1
7	Multipurpose tray assembly	RM1-1572-000CN	1
8	Cover, envelope-feeder slot	RL1-0455-000CN	1
9	Cassette rail assembly, right	RM1-1012-000CN	1
10	Cassette rail assembly, left	RM1-1011-000CN	1
11	Spring, grounding	RU5-2251-000CN	1
12	Guide, rear	RC1-2884-000CN	1
13	Cover, side, rear	RC1-3042-000CN	1
14	Rod, switch, front	RC1-2980-000CN	1
15	Link, switch	RC1-3003-000CN	1
16	Holder, link	RC1-3002-000CN	1
17	Screw, tapping, truss-head, M4 x 16	XB4-7401-605CN	

Internal components (4 of 5)

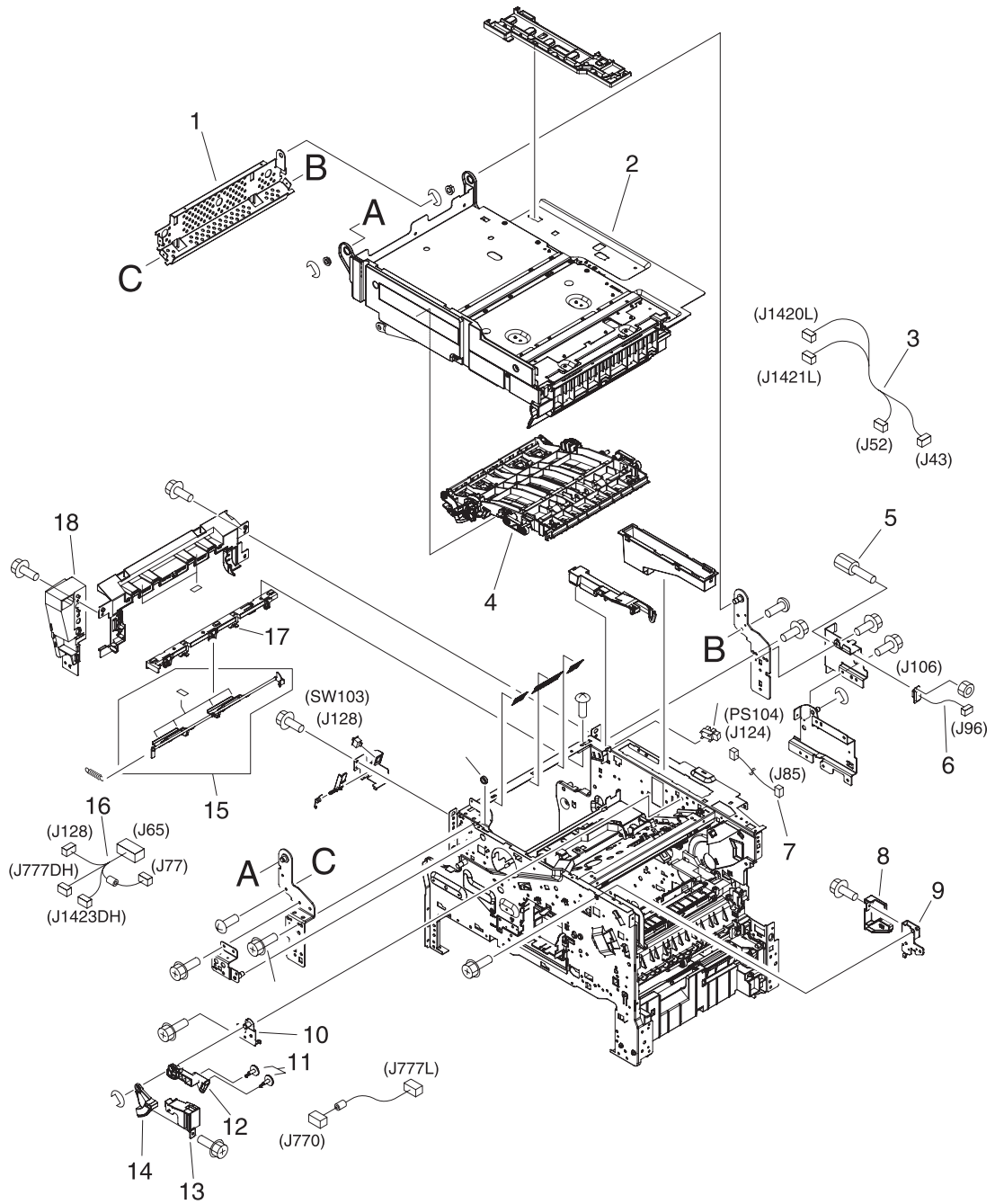


Figure 7-16 Internal components (4 of 5)

Table 7-15 Internal components (4 of 5)

Reference	Description	Part number	Quantity
1	Cross-member, support	RC1-2911-000CN	1
2	Upper plate assembly	For reference only	
3	Cable, reverse unit	RM1-1380-000CN	1
4	Reverse-separation guide assembly	RM1-1019-000CN	1
5	Bolt, hex-head	WS9-0255-000CN	2
6	Cable, output device connection	RM1-1371-000CN	1
7	Cable, output-bin full sensor	RM1-1368-000CN	1
8	Cover, front stopper	RC1-2823-000CN	1
9	Stopper, front lock	RL1-0434-000CN	1
10	Support, gas damper	RL1-0436-000CN	1
11	Stopper, bushing arm	RC1-3090-000CN	1
12	Arm, door, 1 (top cover)	RC1-2827-000CN	1
13	Cover, door arm (top cover)	RC1-2833-000CN	1
14	Arm, door, 2 (top cover)	RC1-2828-000CN	1
15	Flag, full-detect (output bin)	RC1-2863-000CN	1
16	Cable, control panel	RM1-1381-000CN	1
17	Holder, output-device-full sensor flag	RC1-2864-000CN	1
18	Cover, inner front	RC1-3041-000CN	1

Internal components (5 of 5)

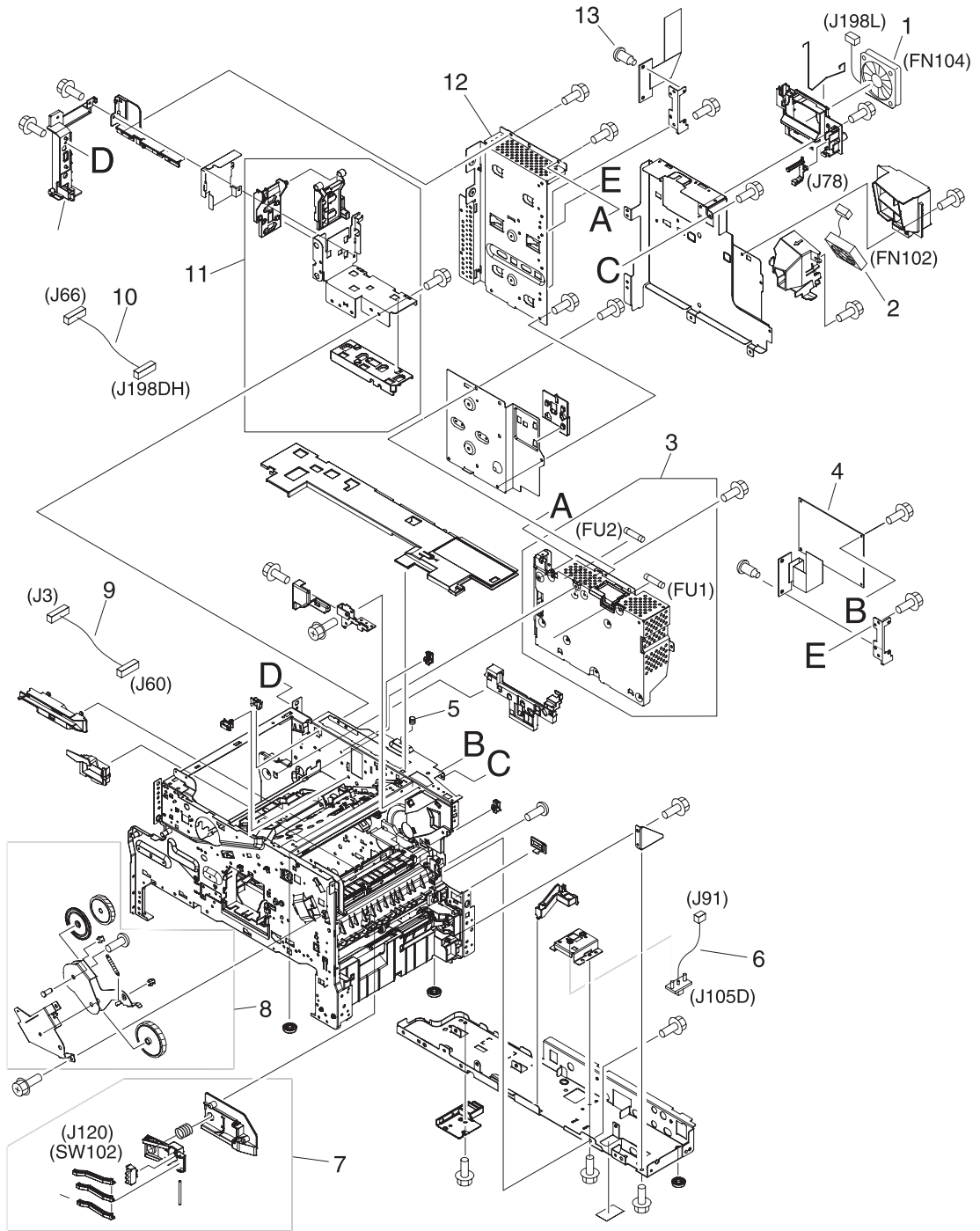


Figure 7-17 Internal components (5 of 5)

Table 7-16 Internal components (5 of 5)

Reference	Description	Part number	Quantity
1	Fan, DC controller (FN104)	RK2-0472-000CN	1
2	Fan, print cartridge (FN102)	RK2-0280-000CN	1
3	Power supply, PFC (100–127 volt)	RM1-1013-000CN	1
3	Power supply, PFC (220–240 volt)	RM1-1014-000CN	1
4	DC controller PCA	RM1-1354-000CN	1
5	Spring, compression	RU5-2265-000CN	1
6	Cable, optional 500-sheet feeder connection	RM1-1370-000CN	1
7	Sensor assembly, paper size (SW102)	RM1-0041-020CN	1
8	Swing-plate assembly	RM1-0043-020CN	1
9	Cable, power	RM1-1375-000CN	1
10	Cable, fan docking (for DC-controller fan)	RM1-1376-000CN	1
11	Guide assembly, flat-flexible cable	RM1-1027-000CN	1
12	Formatter assembly	CB425-67901	1
13	Screw, stepped, M3	RC1-0266-020CN	

Electrical/forward assembly

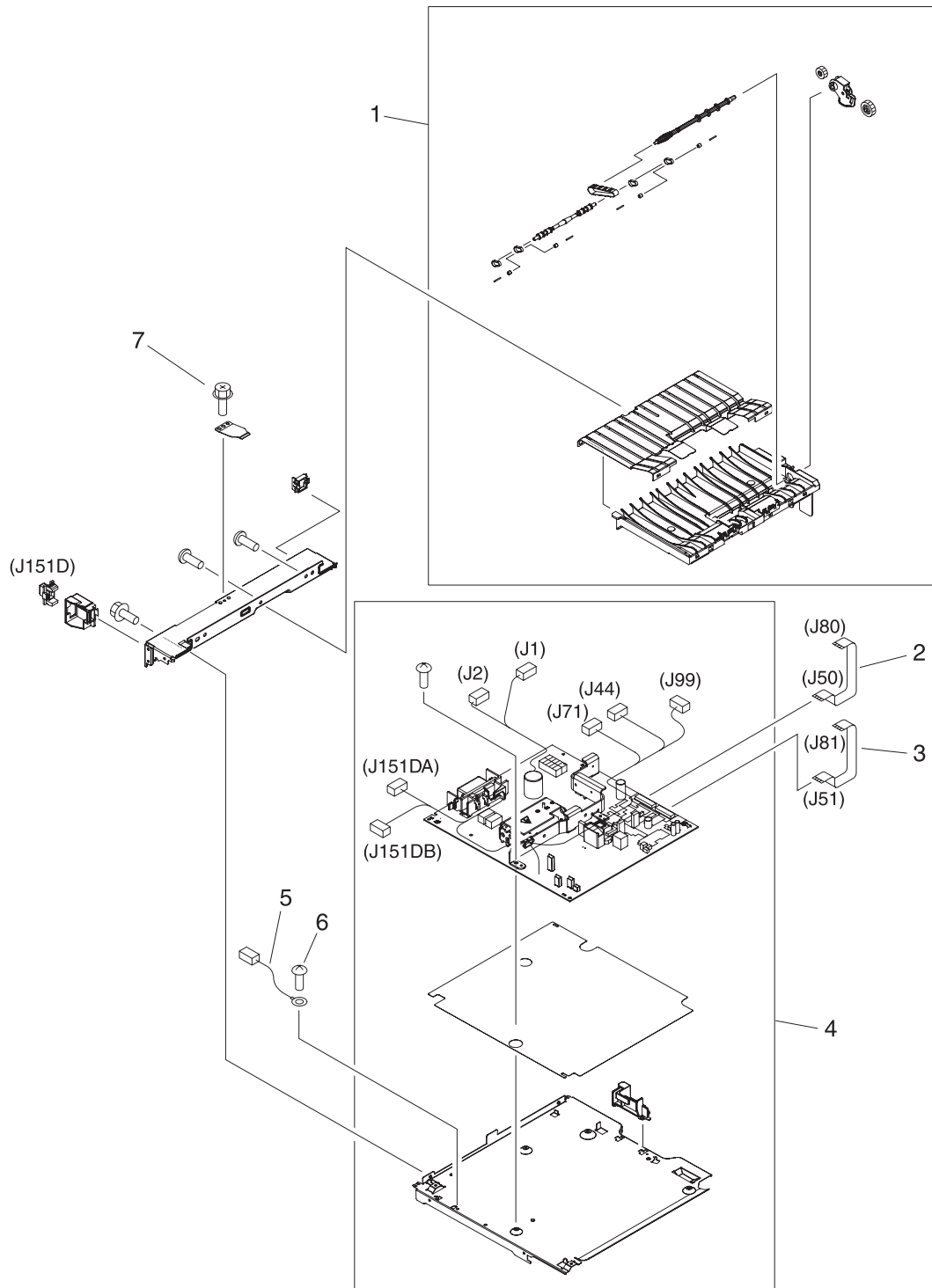


Figure 7-18 Electrical/forward assembly

Table 7-17 Electrical/forward assembly

Reference	Description	Part number	Quantity
1	Paper-feed assembly	RM1-0025-040CN	1
2	Cable, flat-flexible (engine power supply)	RK2-0470-000CN	1
3	Cable, flat-flexible (engine power supply)	RK2-0469-000CN	1
4	Engine power supply assembly (100–127 volt)	RM1-1041-000CN	1
4	Engine power supply assembly (220–240 volt)	RM1-1042-000CN	1
5	Cable, duplexing-unit grounding	RM1-1400-000CN	1
6	Screw, with washer, M3 x 6	XA9-1420-000CN	
7	Screw, flathead, RS, M3 x 6	XA9-1464-000CN	

Main drive assembly

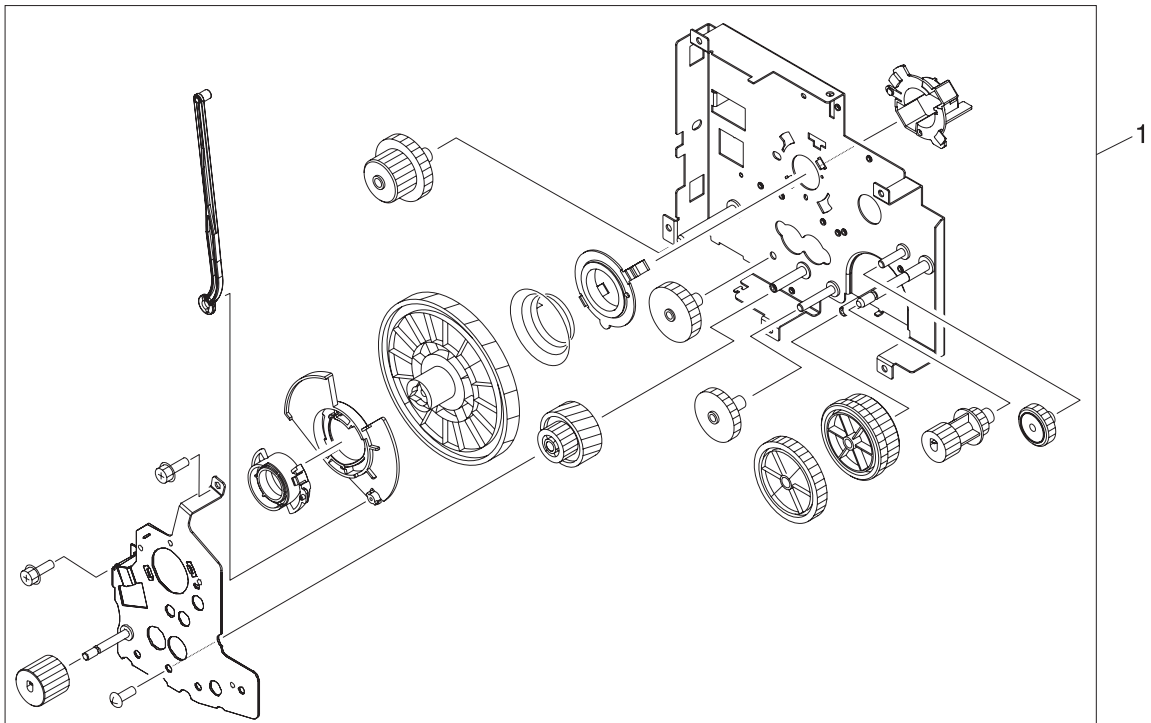


Figure 7-19 Main drive assembly

Table 7-18 Main drive assembly

Reference	Description	Part number	Quantity
1	Main drive assembly	RM1-1049-000CN	1

Paper-pickup-drive assembly

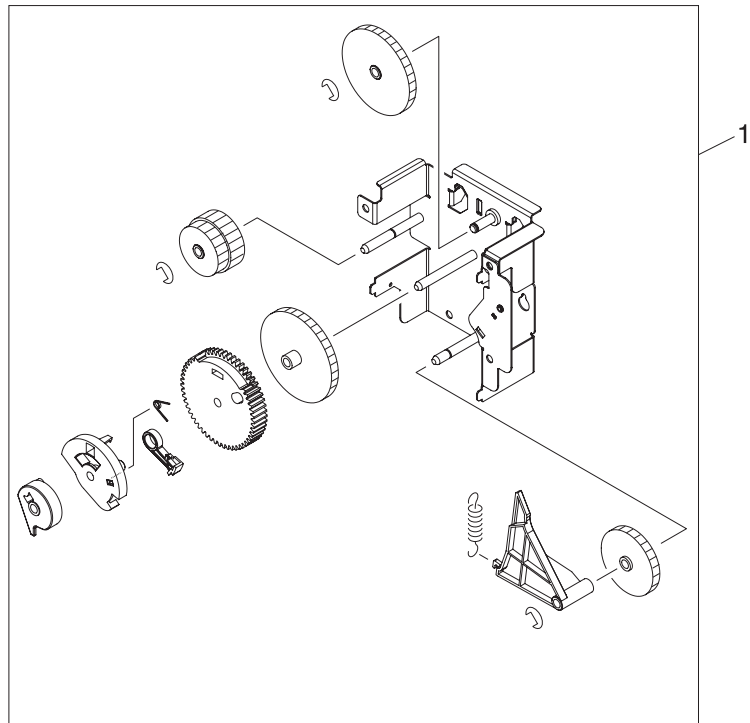


Figure 7-20 Paper-pickup-drive assembly

Table 7-19 Paper-pickup-drive assembly

Reference	Description	Part number	Quantity
1	Paper-pickup-drive assembly	RM1-0034-070CN	1

Lifter-drive assembly

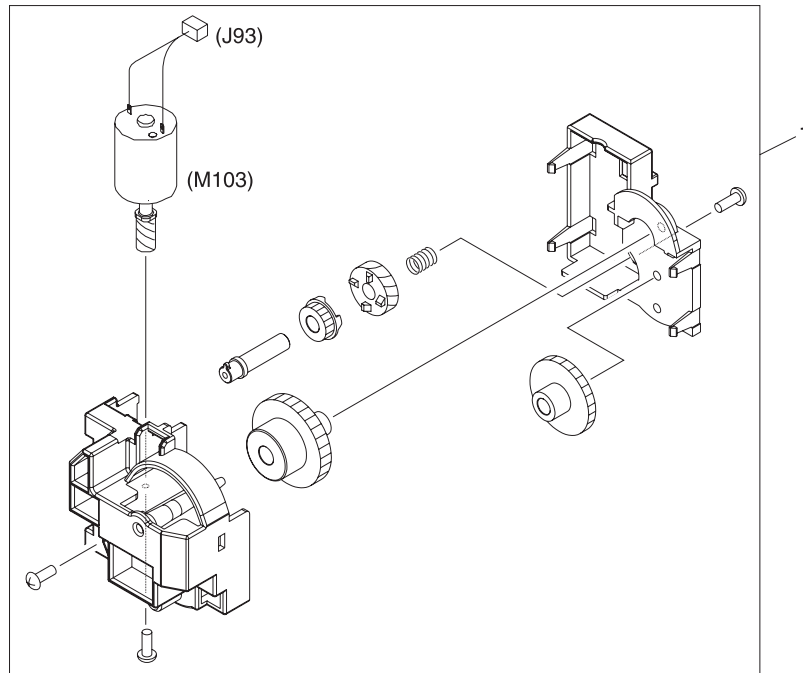


Figure 7-21 Lifter-drive assembly

Table 7-20 Lifter-drive assembly

Reference	Description	Part number	Quantity
1	Lifter-drive assembly	RM1-1029-000CN	1

Cassette

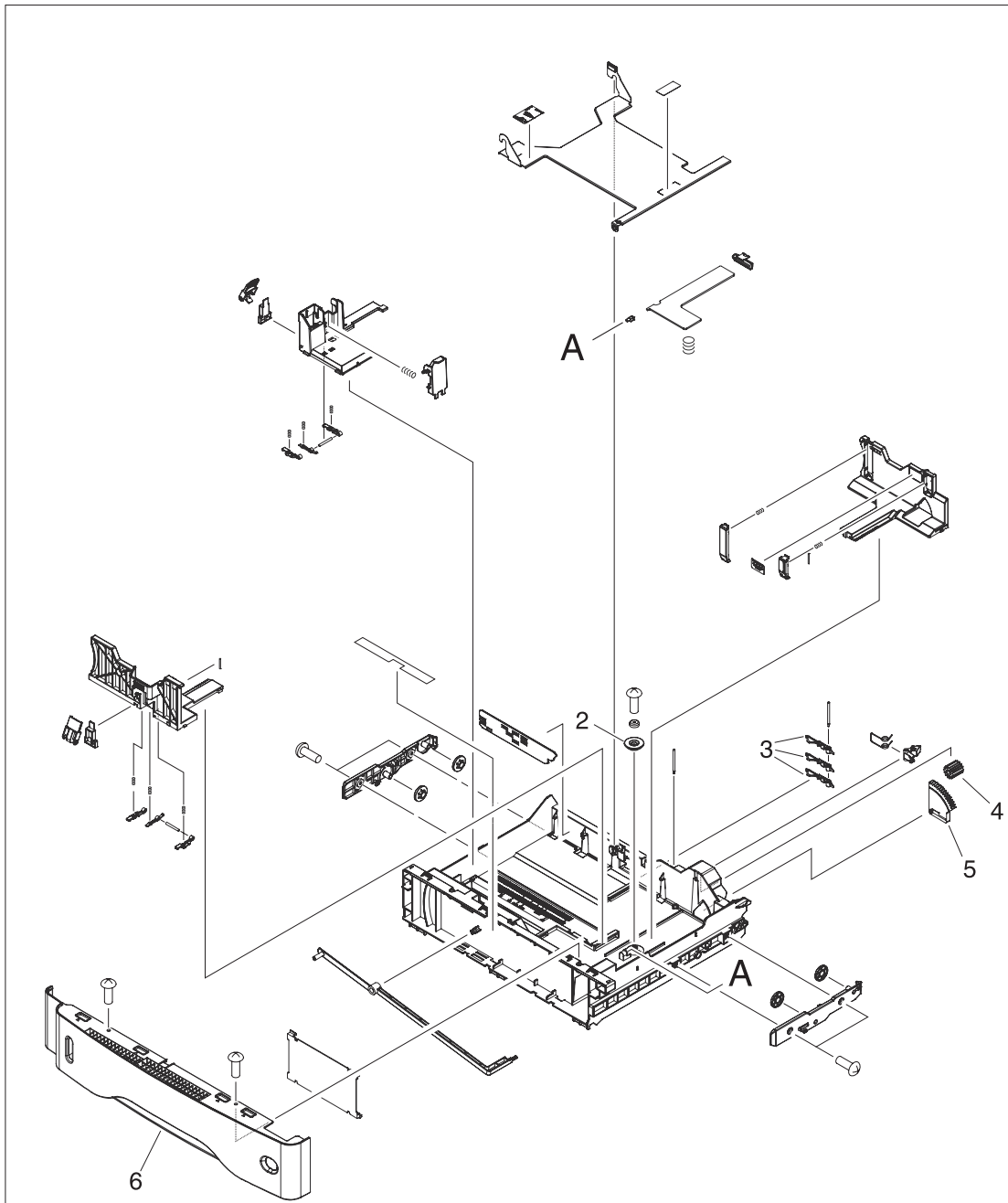


Figure 7-22 Cassette

Table 7-21 Cassette

Reference	Description	Part number	Quantity
1	Cassette (tray 2, 3, 4 or 5)	RM1-1001-000CN	1
2	Gear, 20T (cassette)	RC1-0331-000CN	1
3	Lever, paper-size-sensing (cassette)	RC1-2782-000CN	3
4	Gear, 14T (cassette)	RU5-0254-000CN	1
5	Gear, 80T (cassette)	RU5-0253-000CN	1
6	Guide, cassette, front	RC1-3020-000CN	1

Paper-feed roller assembly

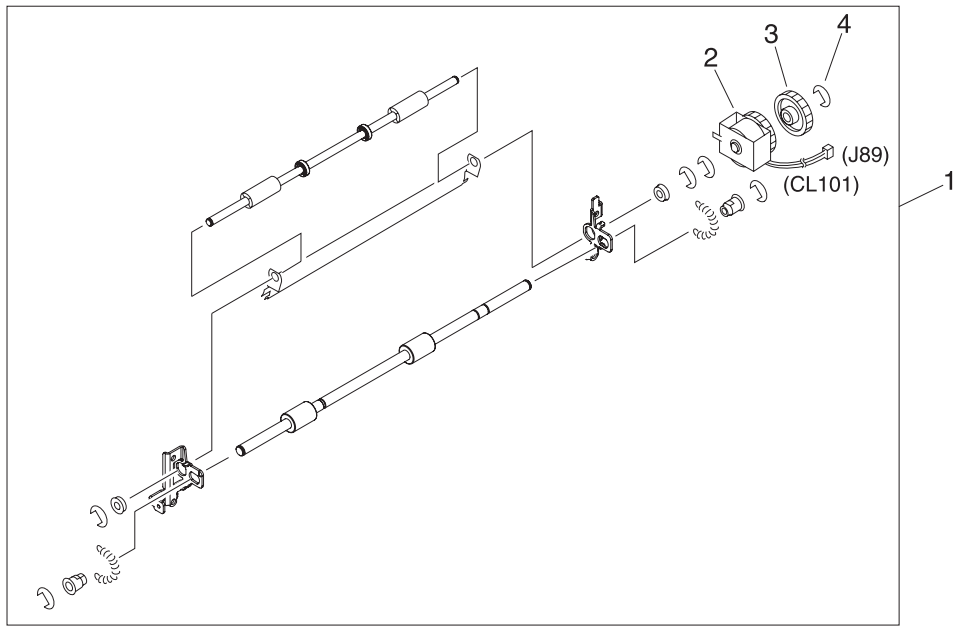


Figure 7-23 Paper-feed roller assembly

Table 7-22 Paper-feed roller assembly

Reference	Description	Part number	Quantity
1	Paper-feed roller assembly	RM1-0012-020CN	1
2	Clutch, paper feed, electromagnetic (CL101)	RK2-0349-000CN	1
3	Gear, 30T (paper-feed roller assembly)	RU5-0050-000CN	1
4	E-ring (paper-feed roller assembly)	XD9-0132-020CN	1

Registration assembly

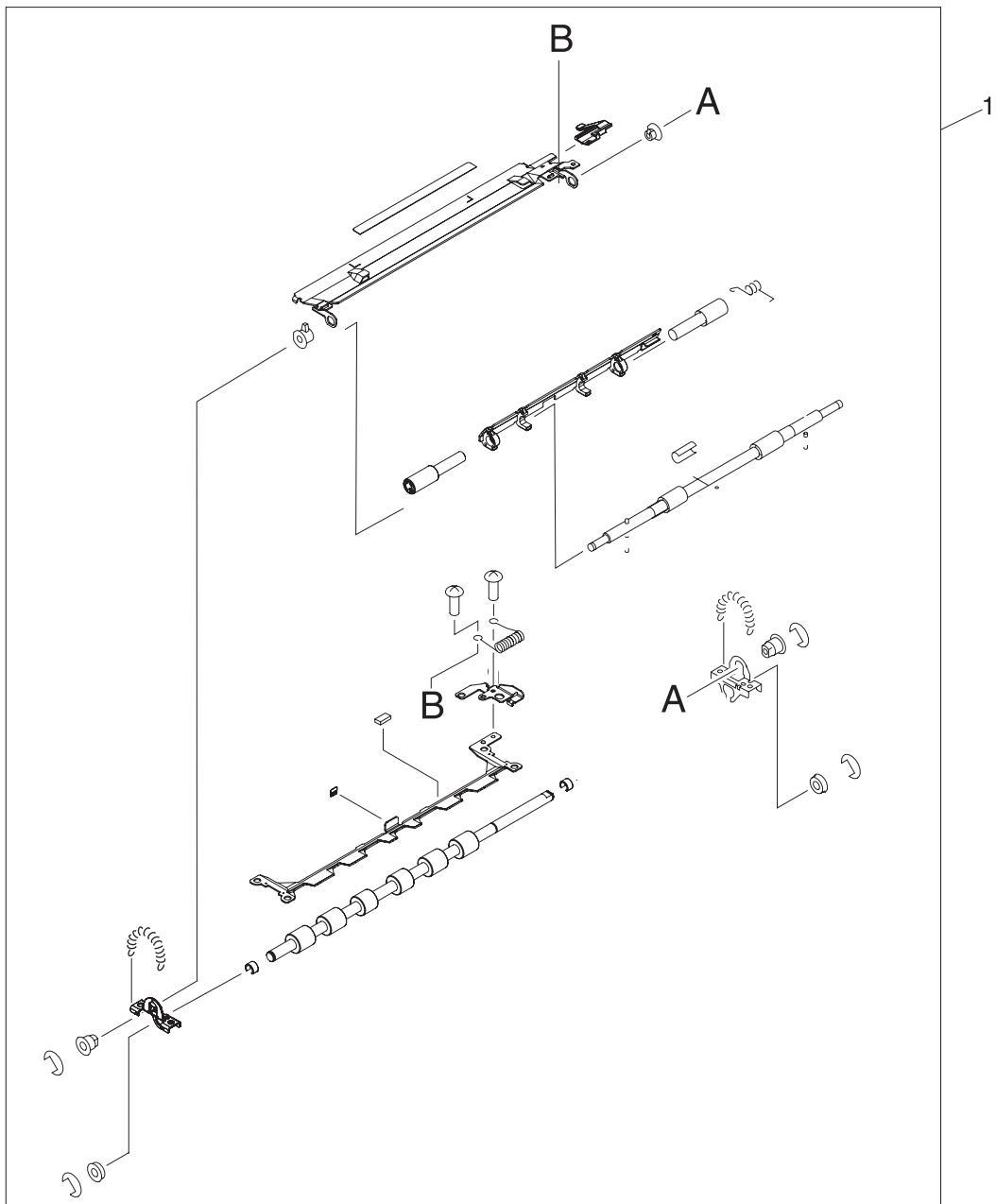


Figure 7-24 Registration assembly

Table 7-23 Registration assembly

Reference	Description	Part number	Quantity
1	Registration assembly	RM1-0011-060CN	1

Multipurpose assembly

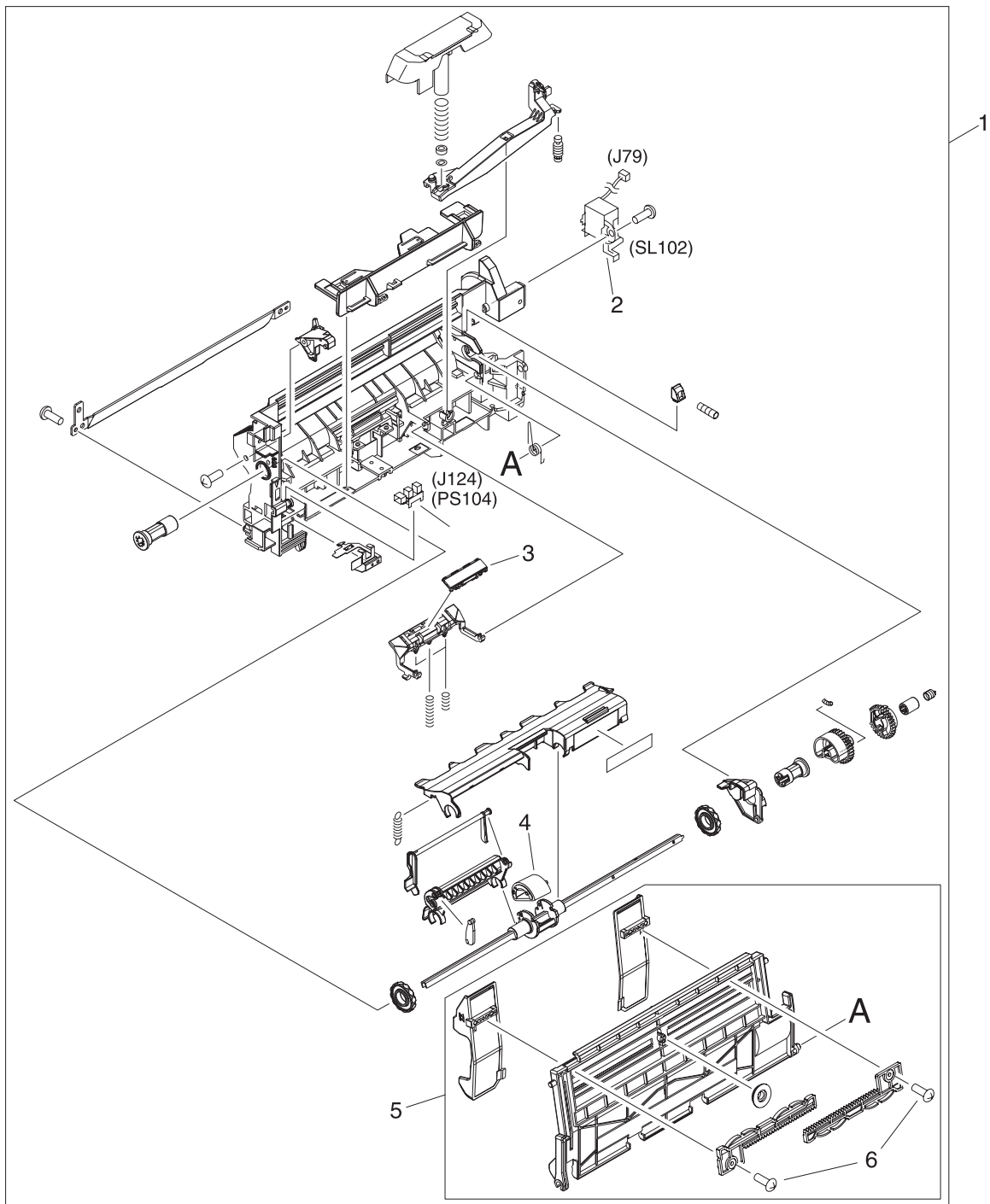


Figure 7-25 Multipurpose assembly

Table 7-24 Multipurpose assembly

Reference	Description	Part number	Quantity
1	Multipurpose assembly	RM1-1572-000CN	1
2	Solenoid, multipurpose assembly (SL102)	RK2-0276-000CN	1
3	Plate, main pad support (multipurpose assembly)	RL1-0007-000CN	1
4	Roller, pickup, multipurpose assembly	RL1-0019-000CN	1
5	Multipurpose tray assembly	RM1-0005-020CN	1
6	Screw, tapping, truss-head, M3 x 8	XB4-7300-809CN	1

Reverse assembly

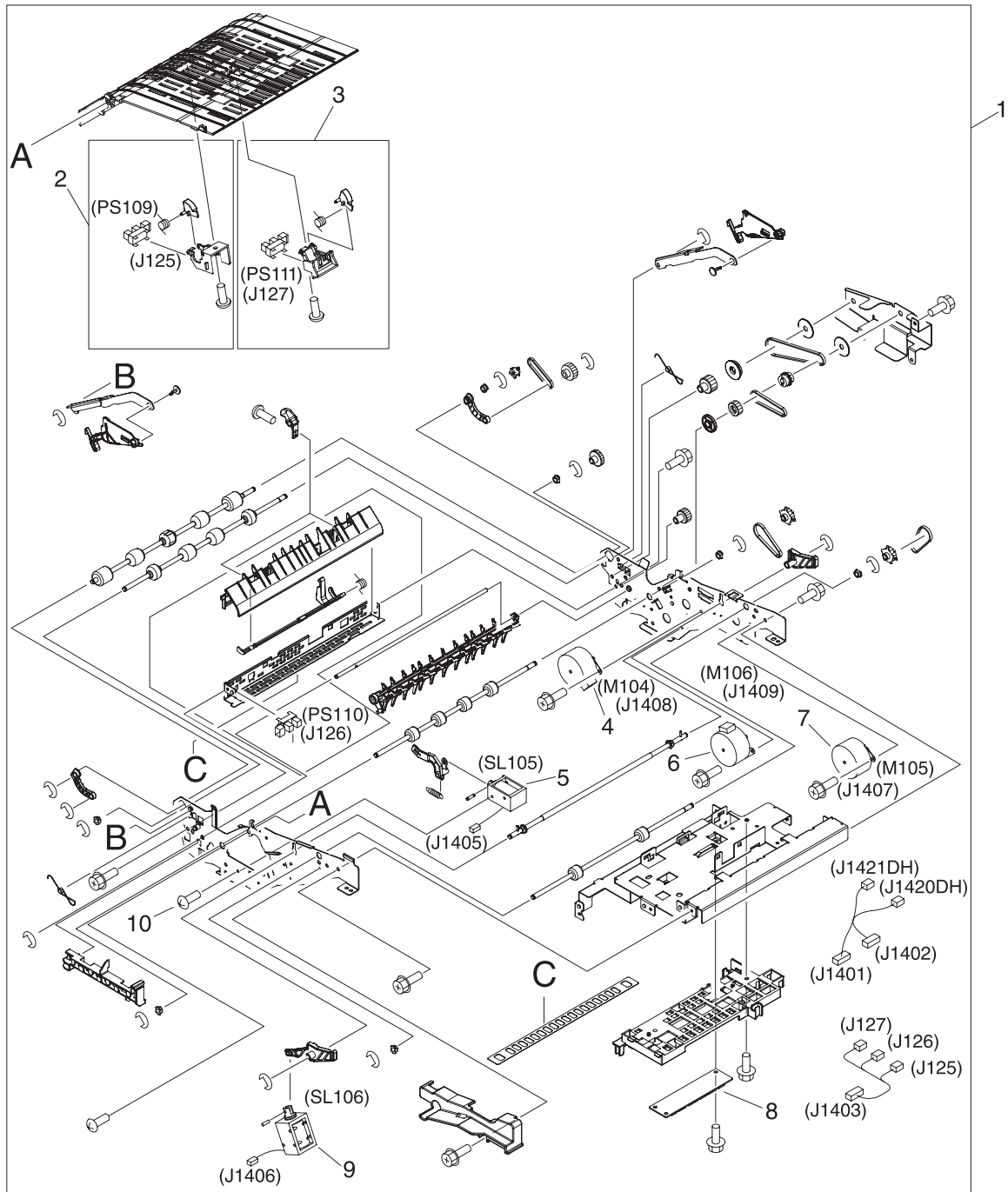


Figure 7-26 Reverse assembly

Table 7-25 Reverse assembly

Reference	Description	Part number	Quantity
1	Reverse assembly	RM1-1022-000CN	1
2	Sensor, reverse-unit (PS109)	RM1-1570-000CN	1
3	Sensor, reverse-unit jam (PS111)	RM1-1571-000CN	1
4	Motor, crossing, (stepping) (M104)	RK2-0473-000CN	1
5	Solenoid, reverse-unit (SL105)	RK2-0485-000CN	1
6	Motor, delivery (stepping) (M106)	RK2-0475-000CN	1
7	Motor, reverse-unit (stepping) (M105)	RK2-0474-000CN	1
8	Reverse-unit PCA	RM1-1379-000CN	1
9	Solenoid, reversing-roller separation (SL106)	RK2-0486-000CN	1
10	Screw, TP, M3 x 4	XB6-7300-406CN	1

Reverse-separation-guide assembly

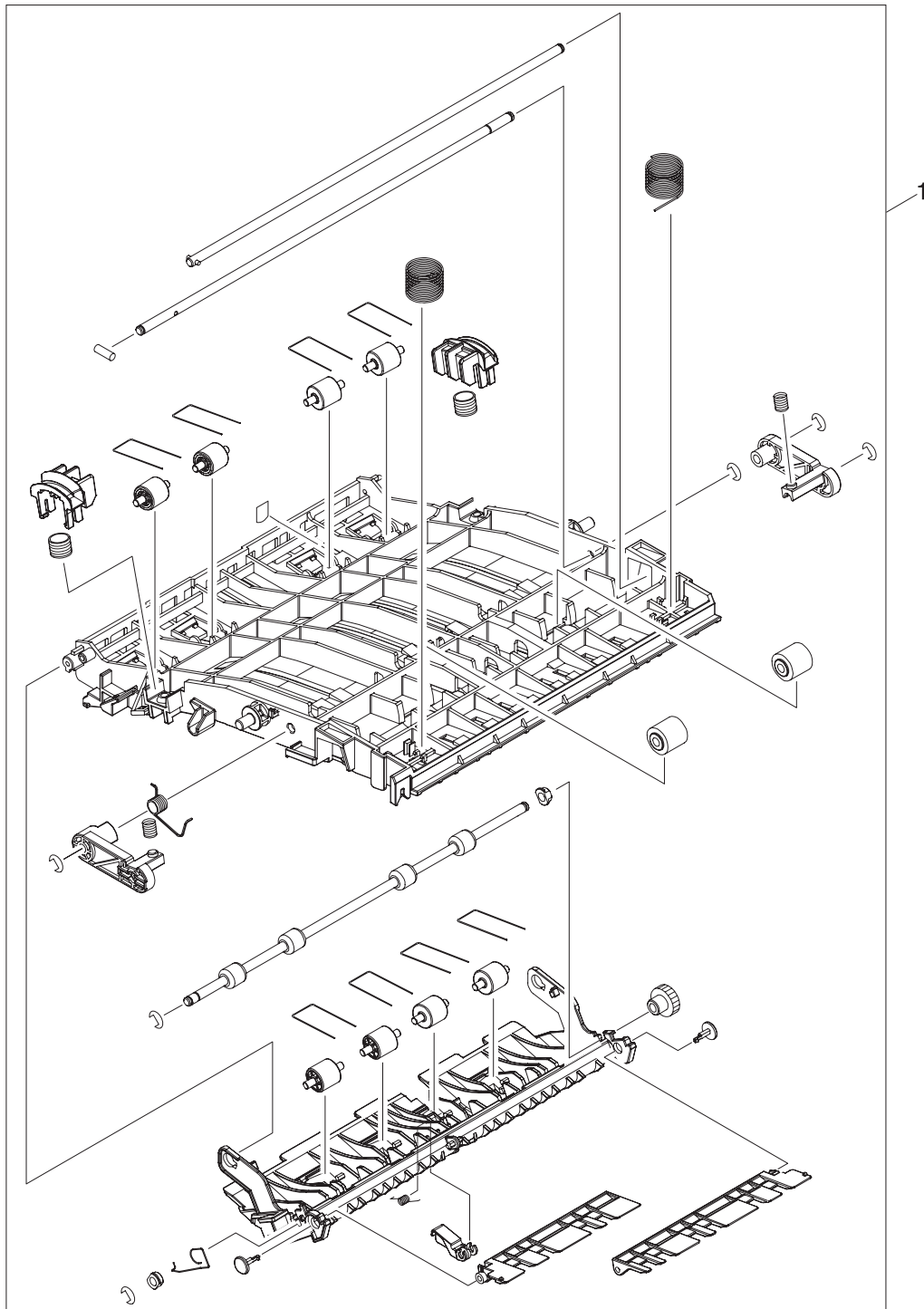


Figure 7-27 Reverse-separation-guide assembly

Table 7-26 Reverse-separation-guide assembly

Reference	Description	Part number	Quantity
1	Reverse-separation-guide assembly	RM1-1019-000CN	1

Delivery assembly

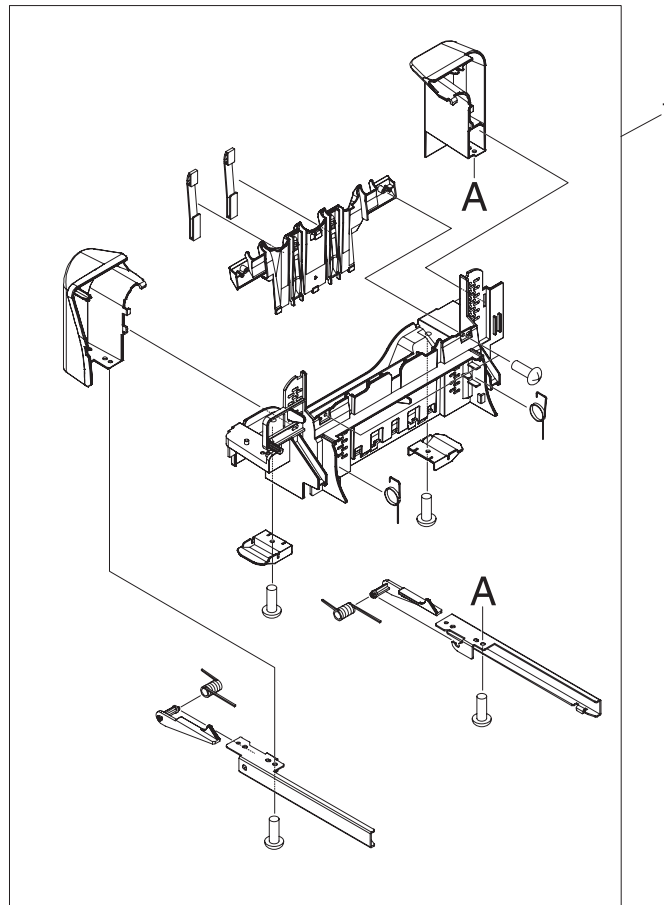


Figure 7-28 Delivery assembly

Table 7-27 Delivery assembly

Reference	Description	Part number	Quantity
1	Delivery assembly	RM1-1047-000CN	1

Fuser

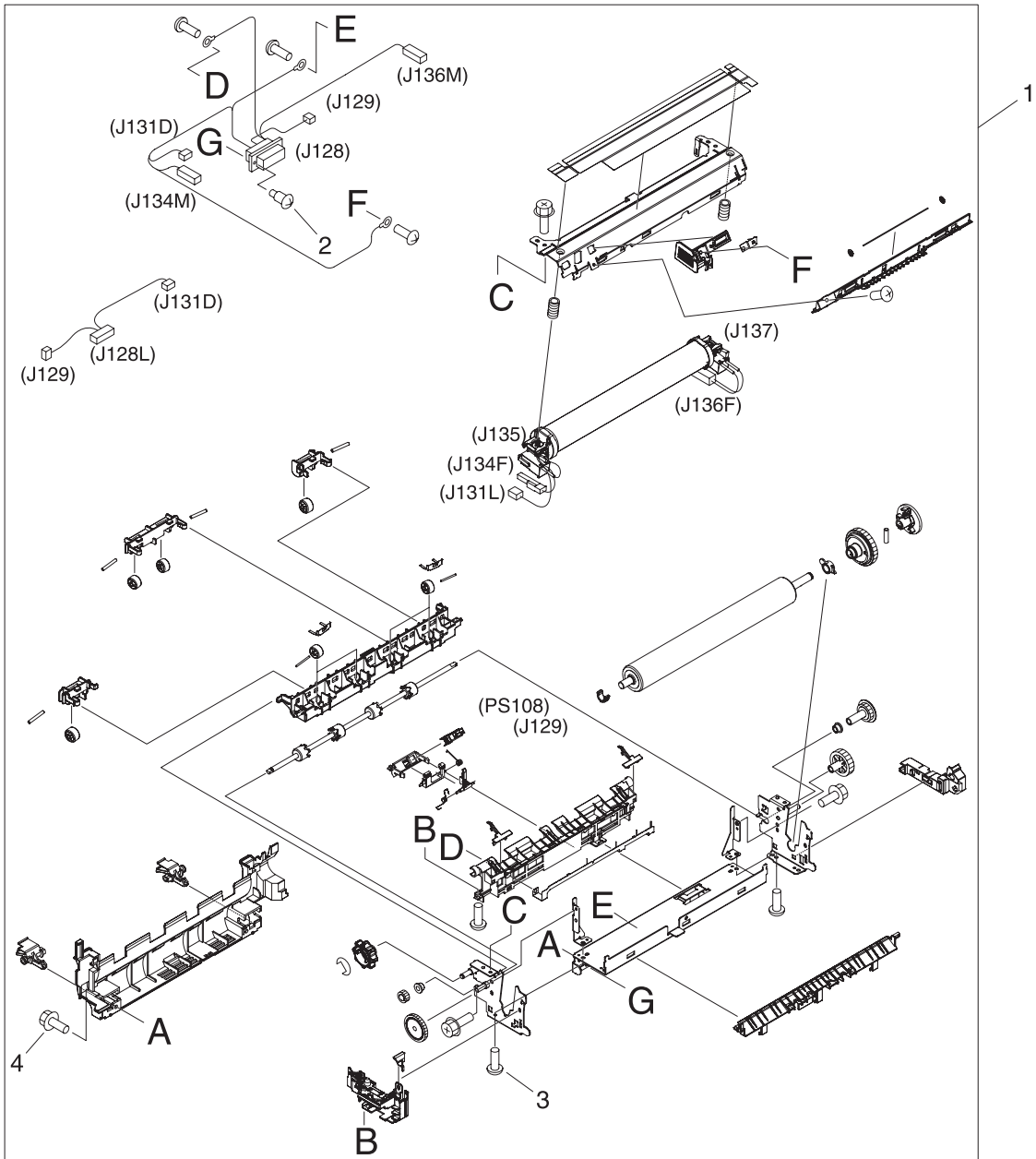


Figure 7-29 Fuser

Table 7-28 Fuser

Reference	Description	Part number	Quantity
1	Fuser (100–127 volt)	RM1-1043-000CN	1
1	Fuser (220–240 volt)	RM1-1044-000CN	1
2	Screw, stepped	RS1-9004-020CN	1
3	Screw, M3 x 8	XA9-0650-000CN	1
4	Screw, RS, M3 x 8	XA9-1449-000CN	1

ADF components

ADF assembly

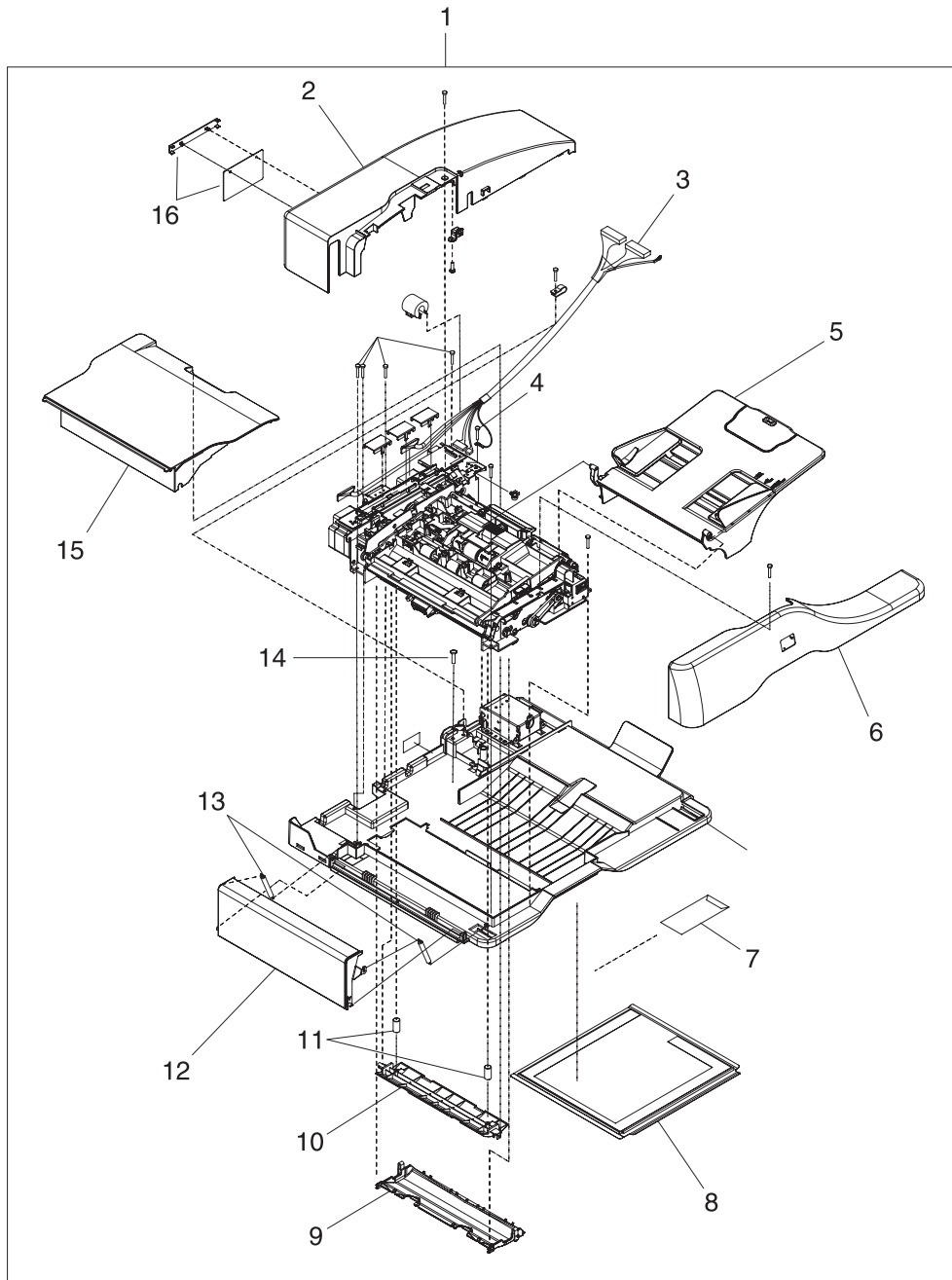


Figure 7-30 ADF assembly

Table 7-29 ADF assembly

Reference	Description	Part number	Quantity
1	ADF assembly	PF2282K006NI	1
2	ADF rear cover	PF2282P044NI	1
3	ADF cable	PF2282K165NI	1
4	Screw, ADF	030080FWWSNI	1
5	ADF input tray	PF2282K042NI	1
6	ADF front cover	PF2282P059NI	1
7	ADF mylar replacement kit	Q6496-67901	1
8	ADF white scan background	PF2282P339NI	1
9	ADF mylar holder assembly	PF2282K043NI	1
10	ADF white mylar backing	PF2282P025NI	1
11	ADF, springs for white mylar backing	PF2282P343NI	2
12	ADF left cover	PF2282P058NI	1
13	ADF, springs for left cover	PF2282P352NI	2
14	Screw, ADF, wave 4 x 10	PF2245P369NI	1
15	ADF jam-access cover	PF2282P041NI	1
16	ADF hinge flaps (ESD)	PF2282K166NI	1

ADF internal components (1 of 3)

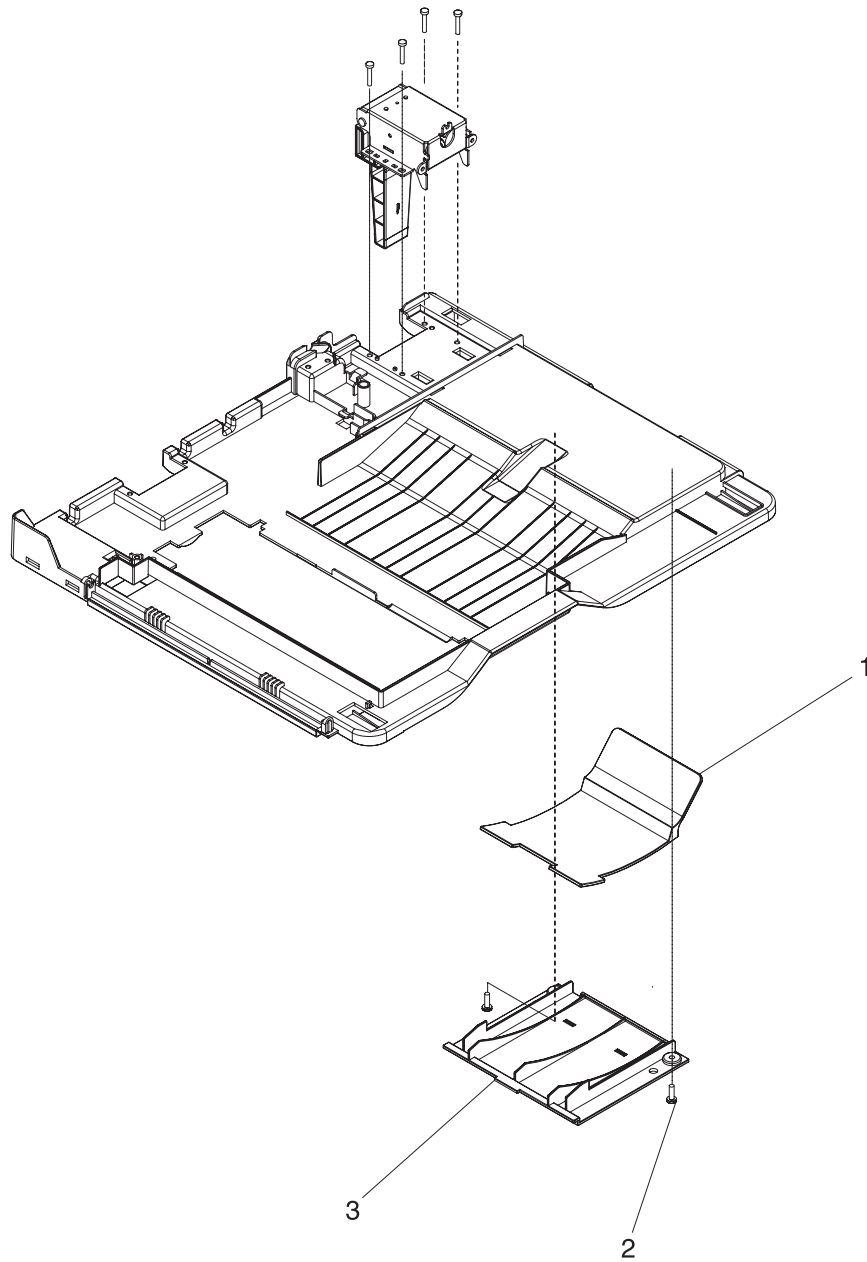


Figure 7-31 ADF internal components (1 of 3)

Table 7-30 ADF internal components (1 of 3)

Reference	Description	Part number	Quantity
1	ADF output-bin paper stop	PF2282P061NI	1
2	Screw, ADF	NS-SCR00029NI	1
3	ADF output-bin-base cover	PF2282P060NI	1

ADF internal components (2 of 3)

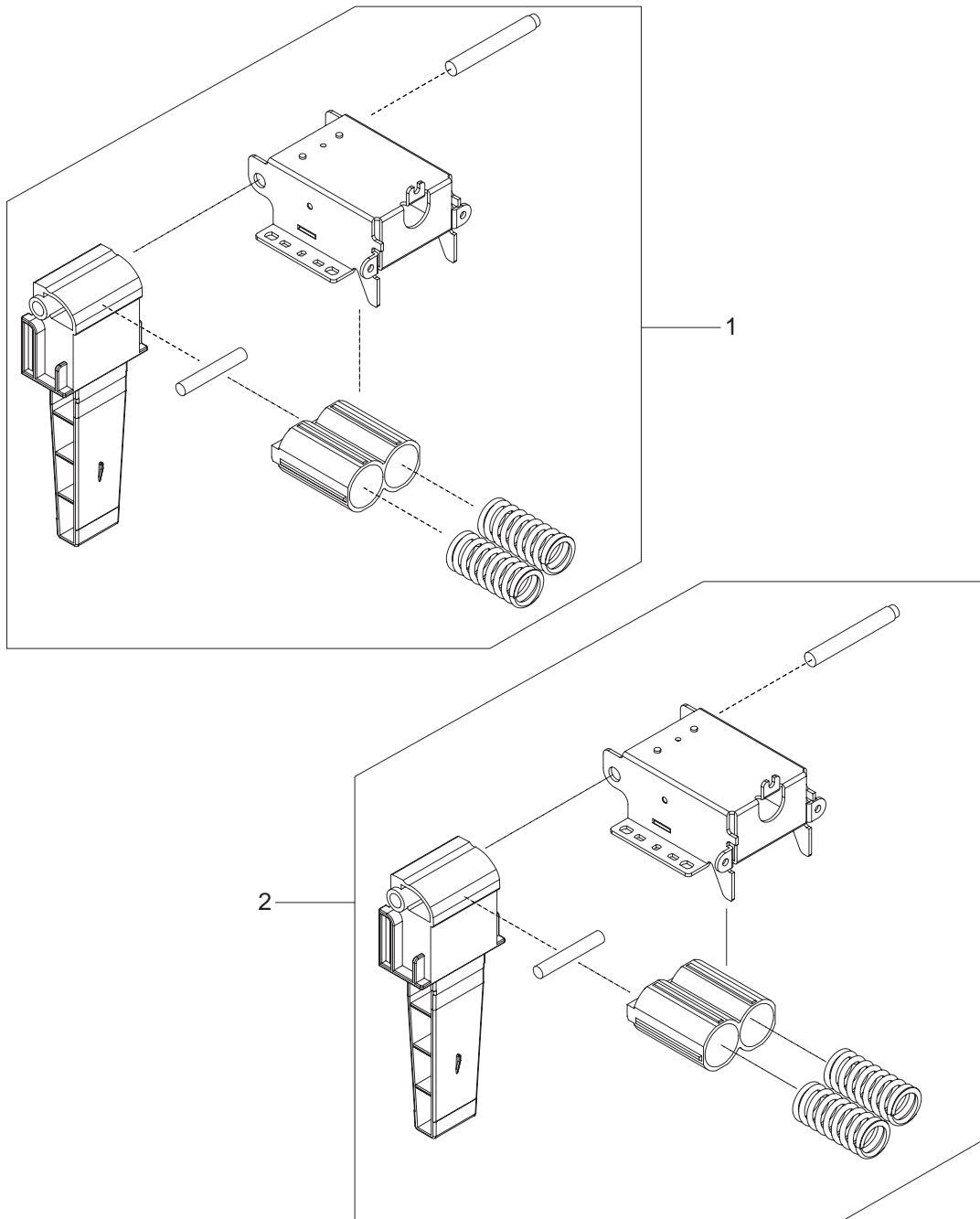


Figure 7-32 ADF internal components (2 of 3)

Table 7-31 ADF internal components (2 of 3)

Reference	Description	Part number	Quantity
1	ADF hinge, left	PF2282K041NI	1
2	ADF hinge, right	PF2282K008NI	1

ADF internal components (3 of 3)

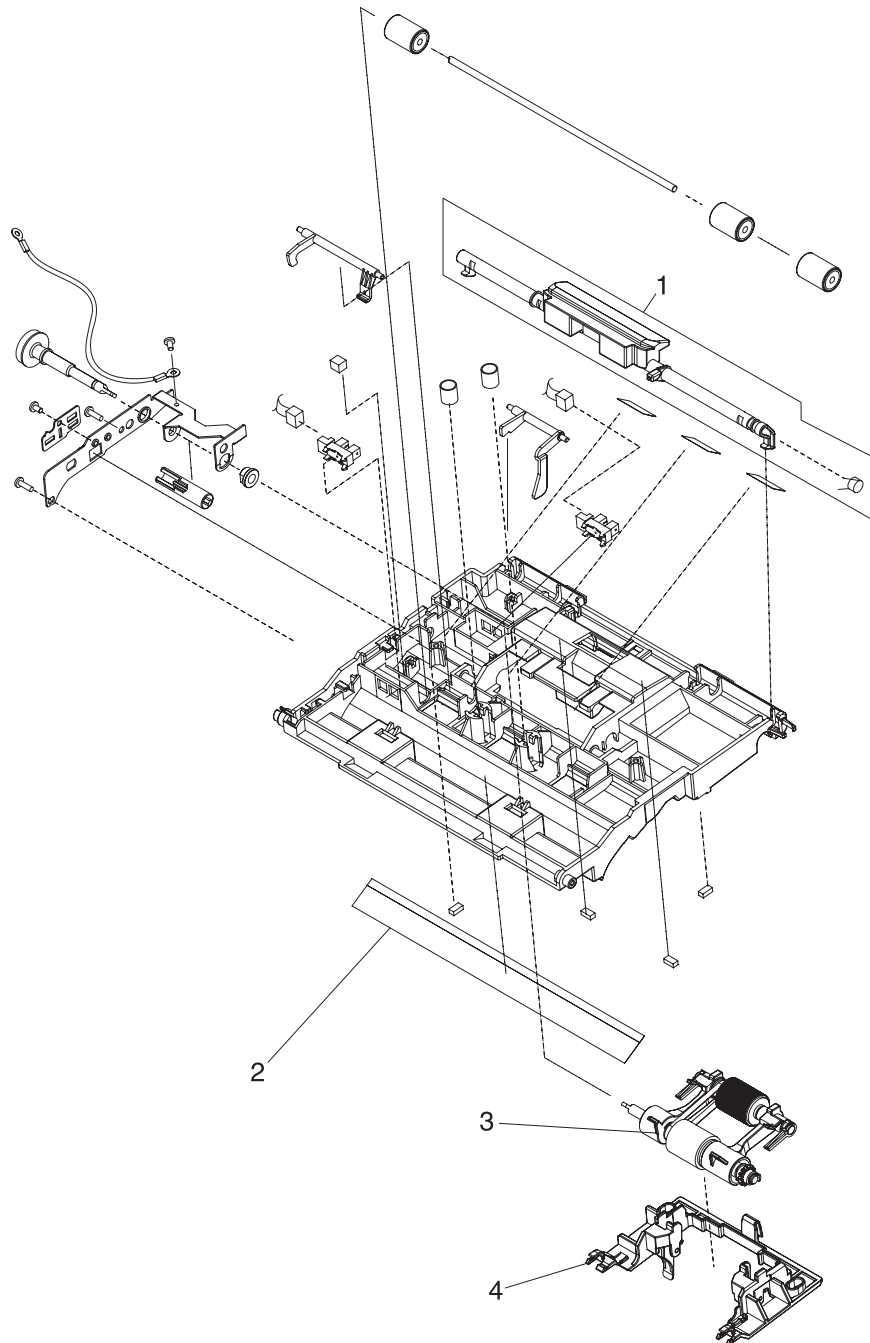


Figure 7-33 ADF internal components (3 of 3)

Table 7-32 ADF internal components (3 of 3)

Reference	Description	Part number	Quantity
1	ADF jam-access latch	PF2282K164NI	1
2	ADF clear plastic paper guide	PF2282P353NI	1
3	ADF pickup-roller assembly	PF2282K039NI	1
4	ADF pickup-roller cover	PF2282K040NI	1

ADF input tray

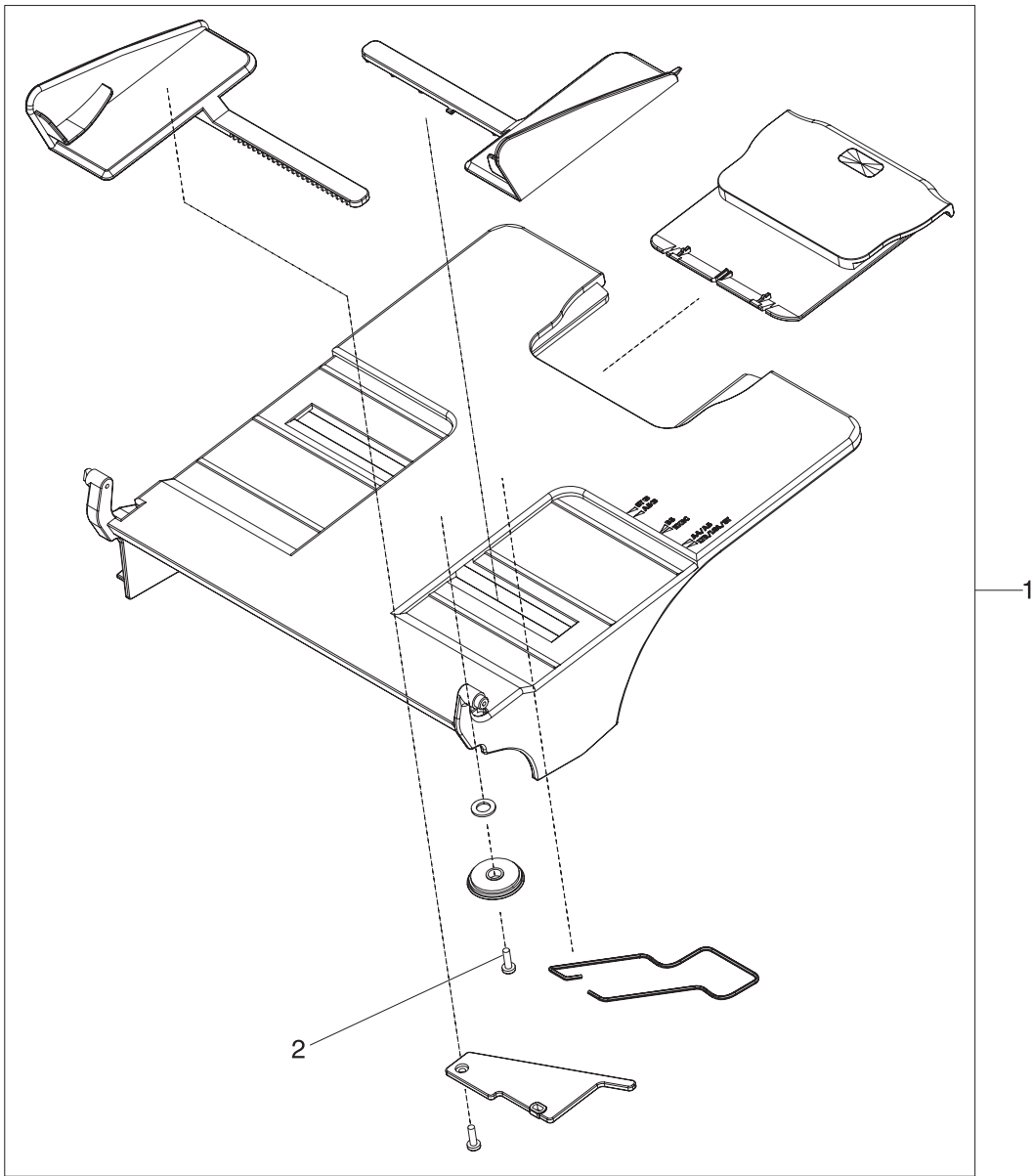


Figure 7-34 ADF input tray

Table 7-33 ADF input tray

Reference	Description	Part number	Quantity
1	ADF input tray	PF2282K042NI	1
2	Screw, ADF, button, M3 x 8	IR4041P021NI	1

ADF separation pad

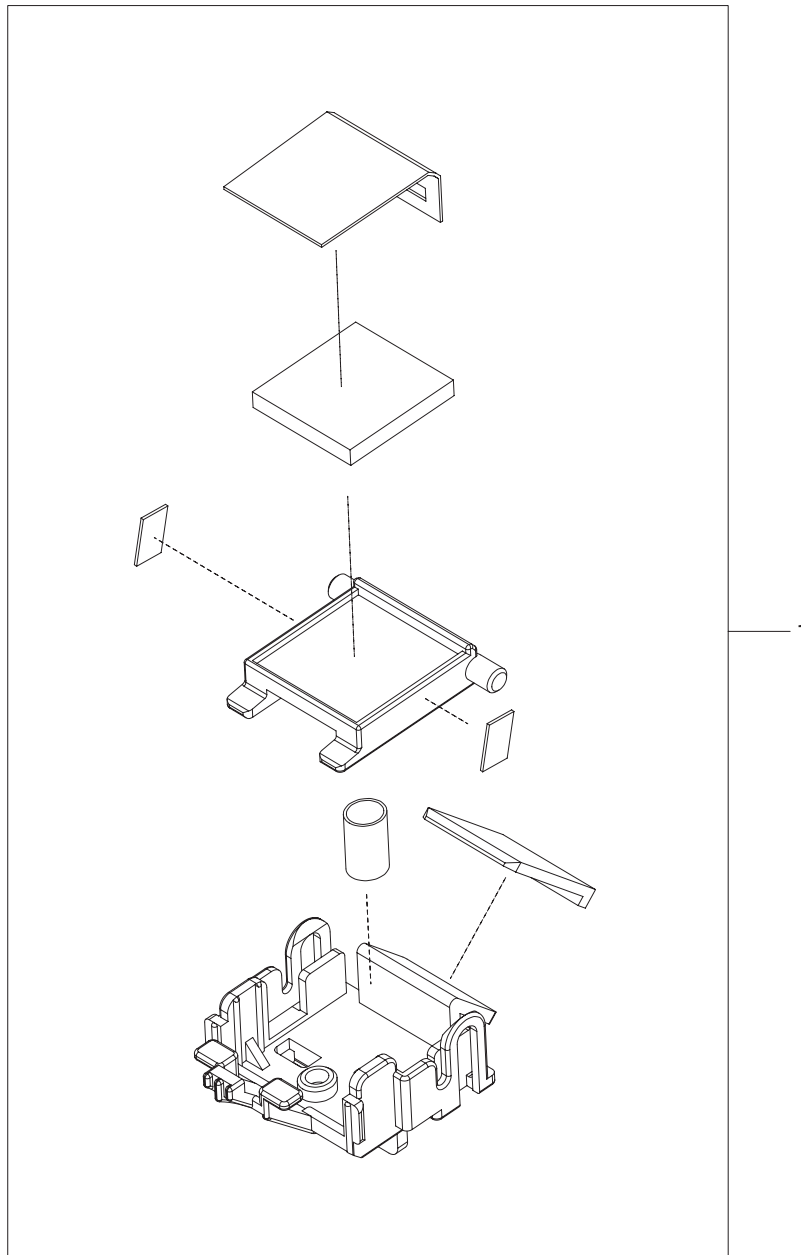


Figure 7-35 ADF separation pad

Table 7-34 ADF separation pad

Reference	Description	Part number	Quantity
1	ADF separation-pad assembly	PF2282K035NI	1

ADF separation-pad case

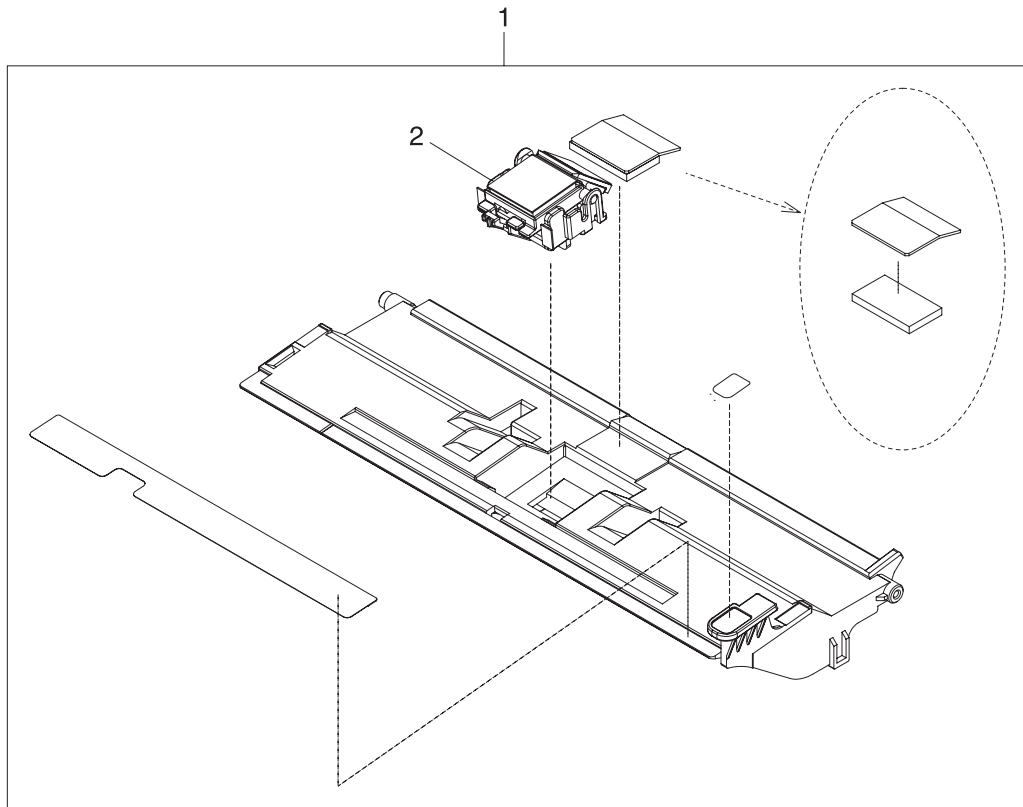


Figure 7-36 ADF separation-pad case

Table 7-35 ADF separation-pad case

Reference	Description	Part number	Quantity
1	ADF separation-pad case	PF2282K034NI	1
2	ADF separation pad	PF2282K035NI	1

ADF pickup-roller assembly

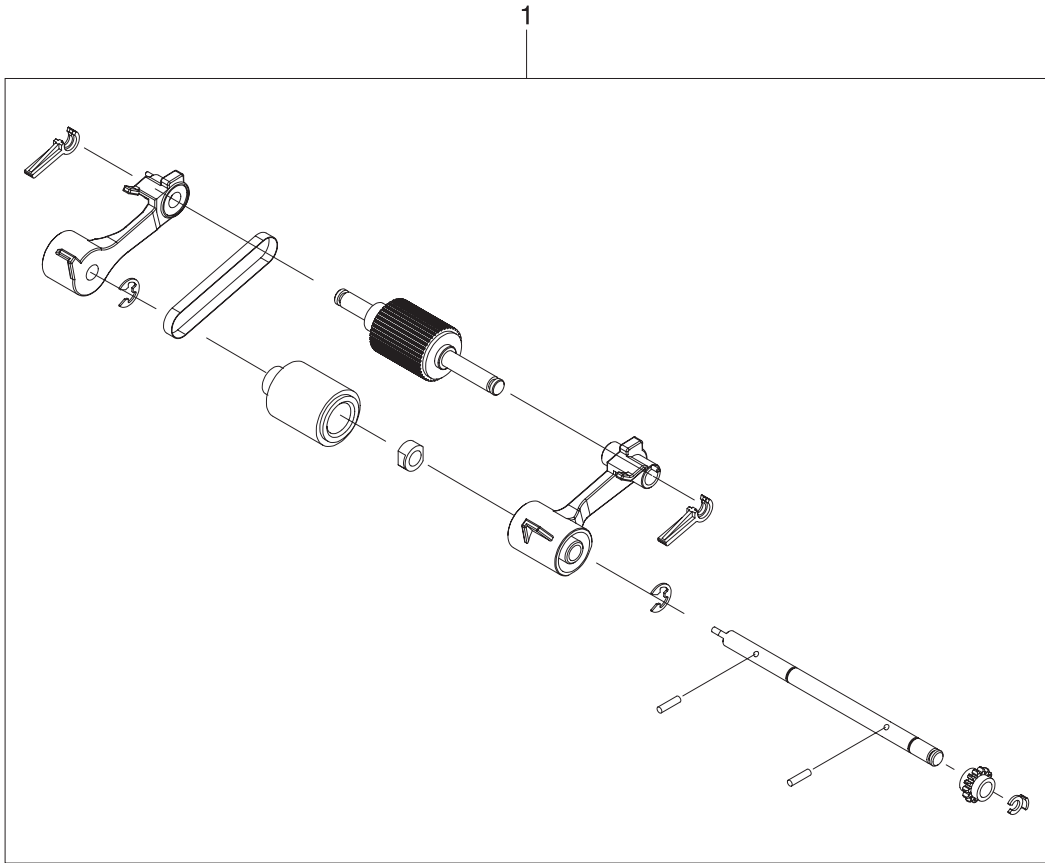


Figure 7-37 ADF pickup-roller assembly

Table 7-36 ADF pickup-roller assembly

Reference	Description	Part number	Quantity
1	ADF pickup-roller assembly	PF2282K039NI	1

ADF pickup-roller cover

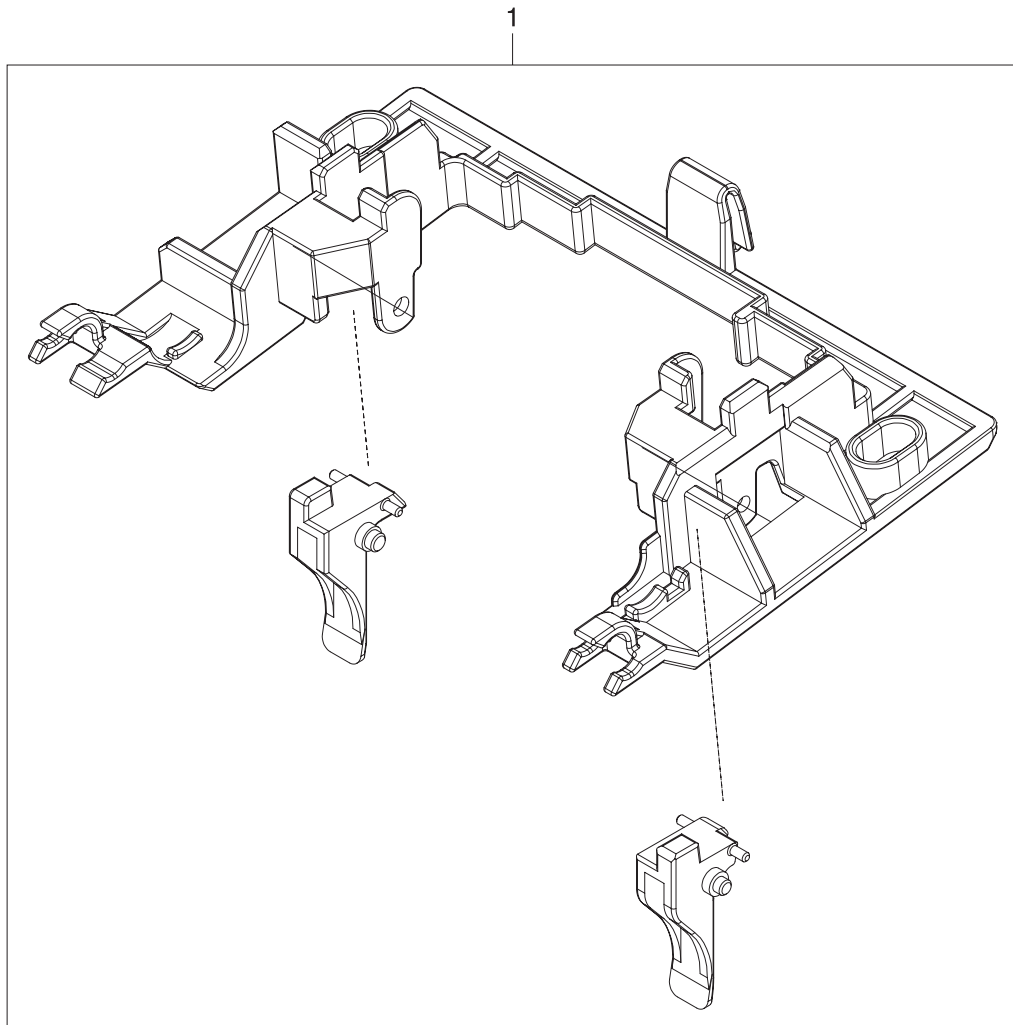


Figure 7-38 ADF pickup-roller cover

Table 7-37 ADF pickup-roller cover

Reference	Description	Part number	Quantity
1	ADF pickup-roller cover	PF2282K040NI	1

ADF mylar-holder assembly

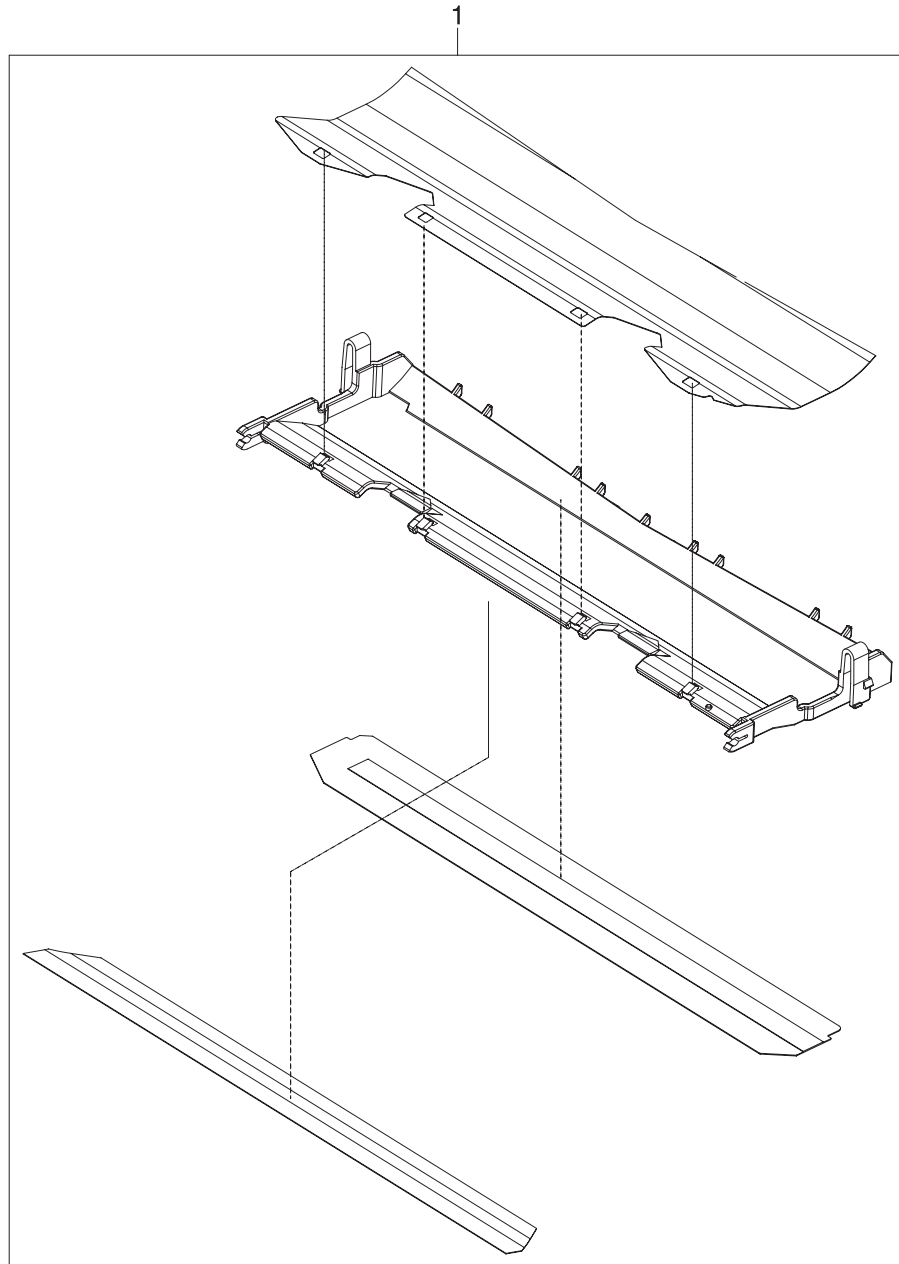


Figure 7-39 ADF mylar-holder assembly

Table 7-38 ADF mylar-holder assembly

Reference	Description	Part number	Quantity
1	ADF mylar-holder assembly	PF2282K043NI	1

ADF mylar replacement kit

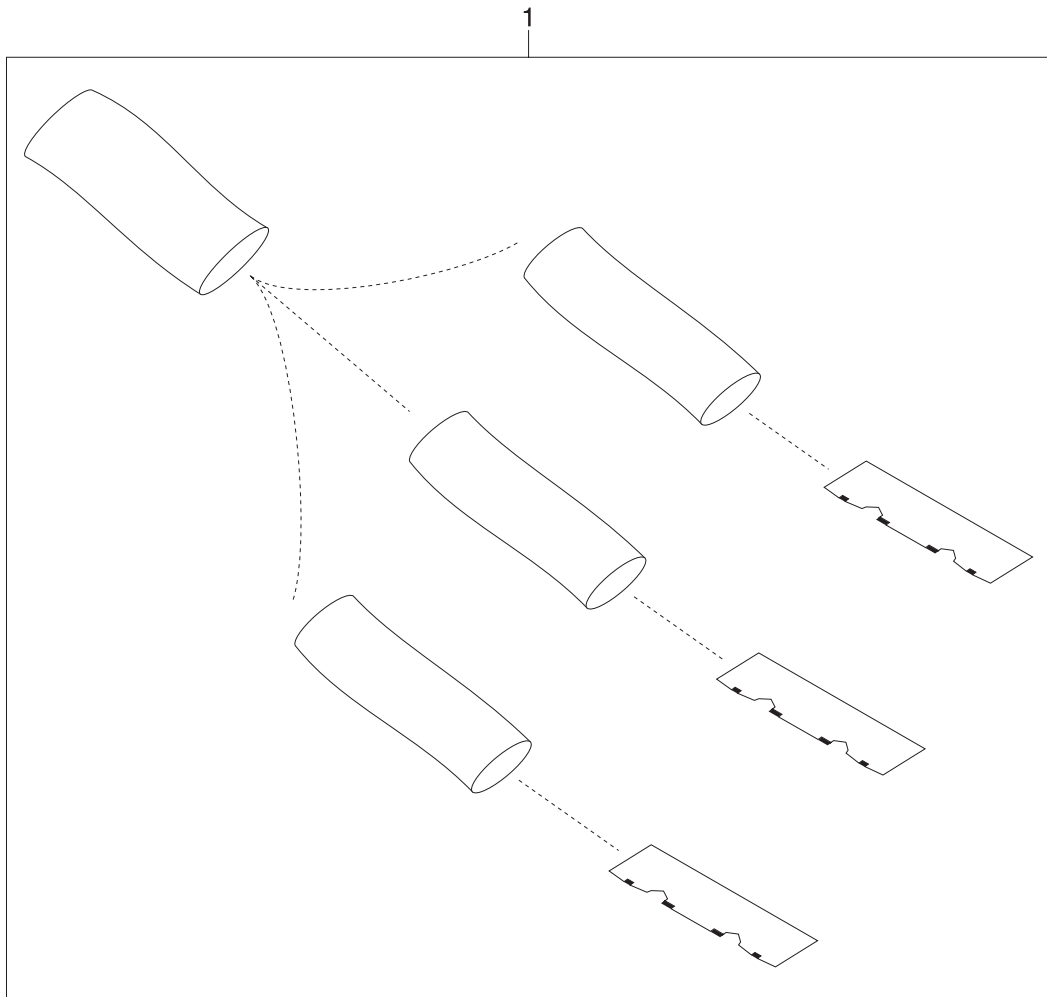


Figure 7-40 ADF mylar replacement kit

Table 7-39 ADF mylar replacement kit

Reference	Description	Part number	Quantity
1	ADF mylar replacement kit	Q6496-67901	1

Scanner components

Scanner-base components

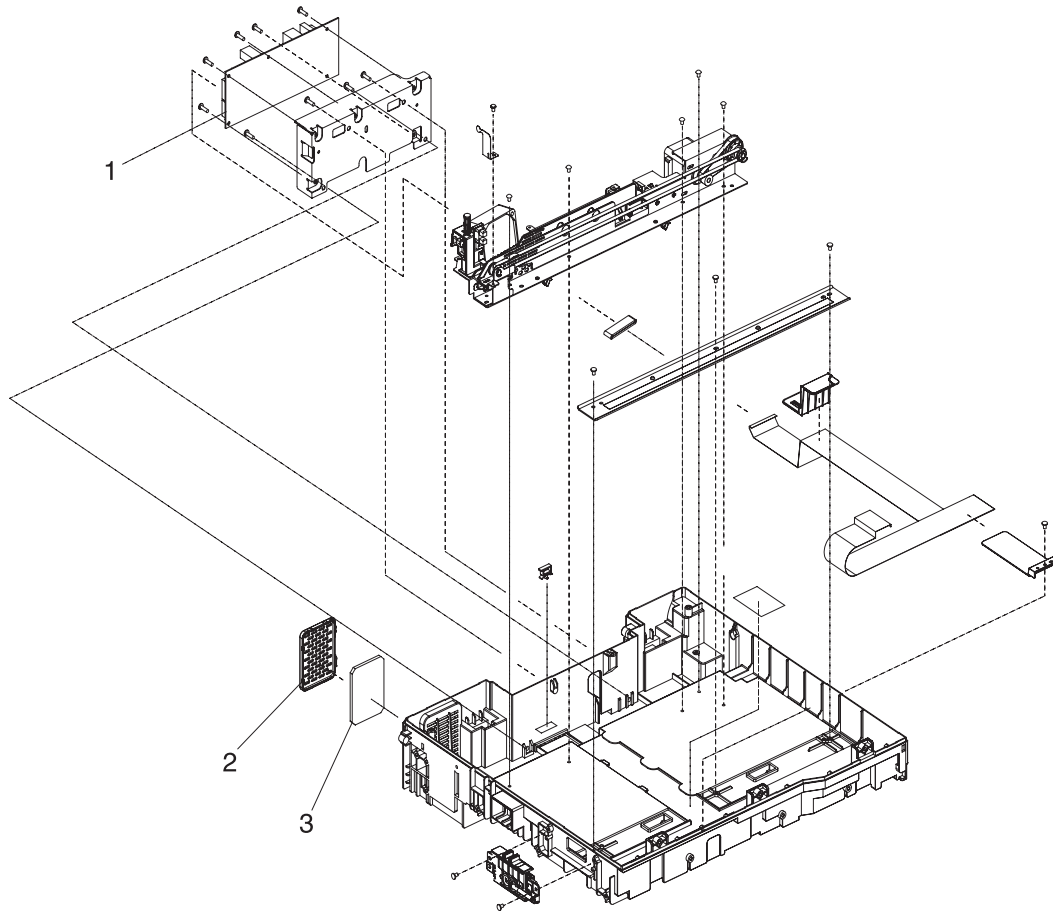


Figure 7-41 Scanner-base components

Table 7-40 Scanner-base components

Reference	Description	Part number	Quantity
1	Scanner controller PCA	IR4041K512NI	1
2	Scanner fan-filter cover	IR4041P217NI	1
3	Scanner-fan filter	IR4041P007NI	1

Scanner flatbed-unit assembly

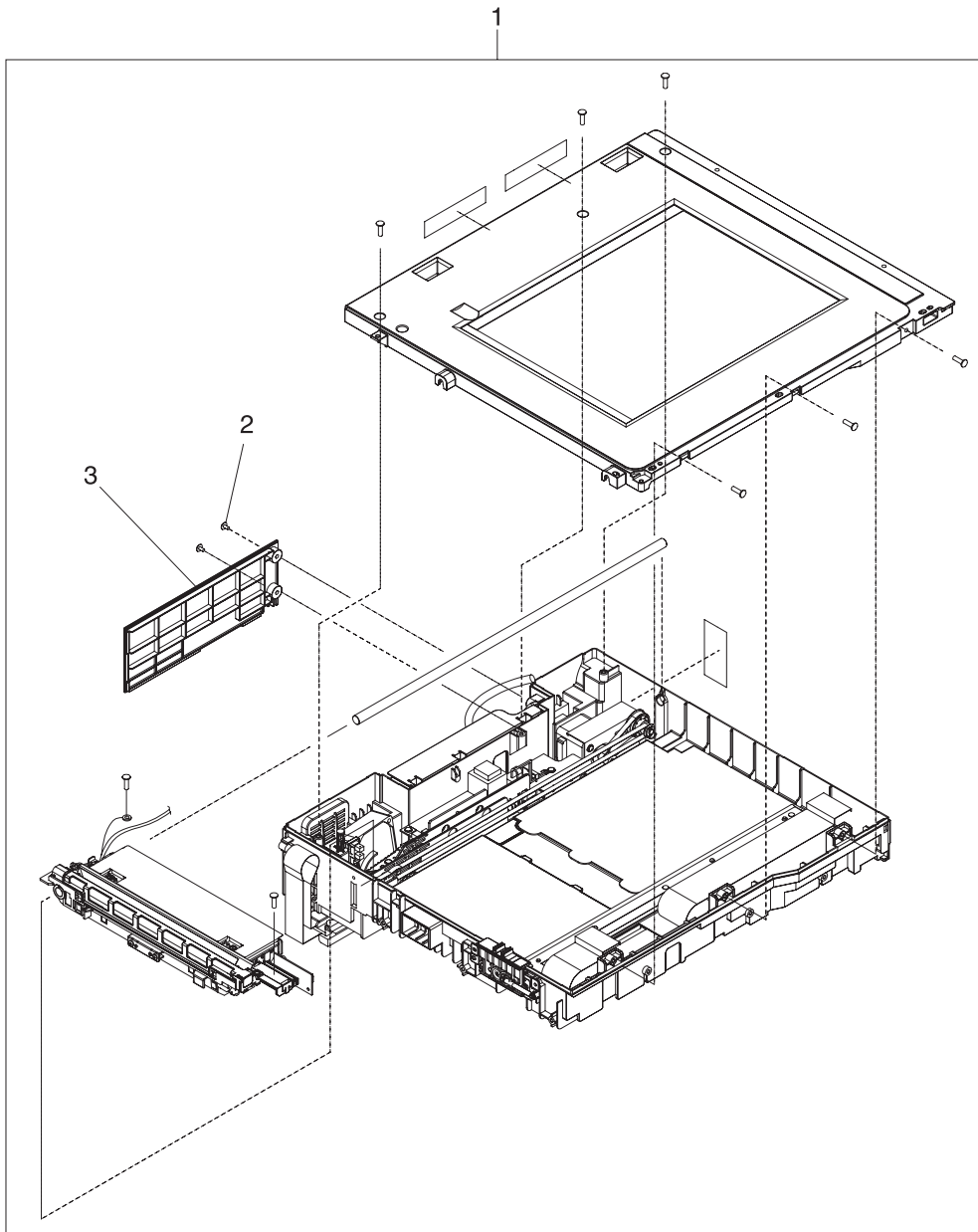


Figure 7-42 Scanner flatbed-unit assembly

Table 7-41 Scanner flatbed-unit assembly

Reference	Description	Part number	Quantity
1	Scanner flatbed-unit assembly	IR4041K081NI	1
2	Screw, scanner flatbed	040100FNBBNI	
3	Scanner rear cover	IR4041P216NI	

Scanner covers

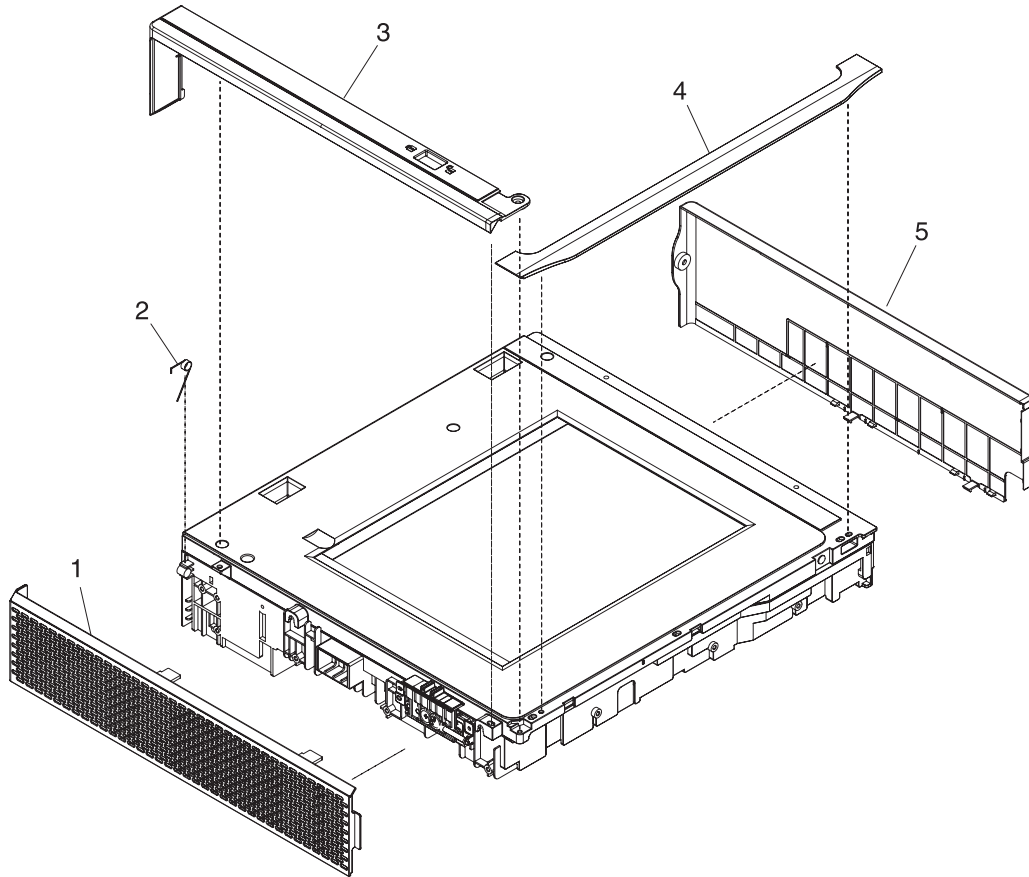


Figure 7-43 Scanner covers

Table 7-42 Scanner covers

Reference	Description	Part number	Quantity
1	Scanner left cover	IR4041K114NI	1
2	Scanner, spring for left cover	IR4041P041NI	1
3	Scanner-carriage-lock cover	IR4041P214NI	
4	Scanner top-cover flatbed flange	IR4041P125NI	1
5	Scanner right cover	IR4041P213NI	1

Cassette

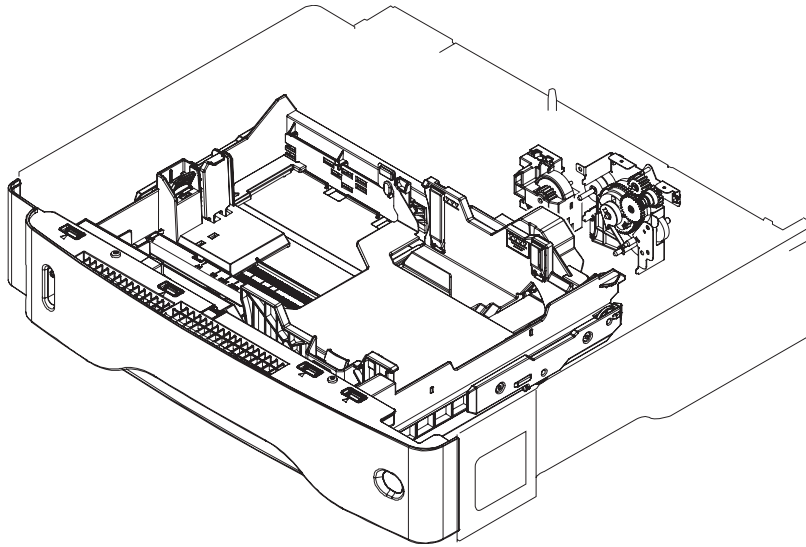


Figure 7-44 Cassette

Table 7-43 Cassette

Ref	Description	Part number	Qty
	Cassette	RM1-1001-000CN	

Optional devices

Duplex-printing accessory

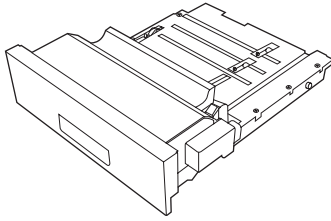


Figure 7-45 Duplex-printing assembly

Table 7-44 Duplex-printing assembly

Reference	Description	Part number	Quantity
1	Duplex-printing assembly	Q5969-67901	1

Stapler/stacker

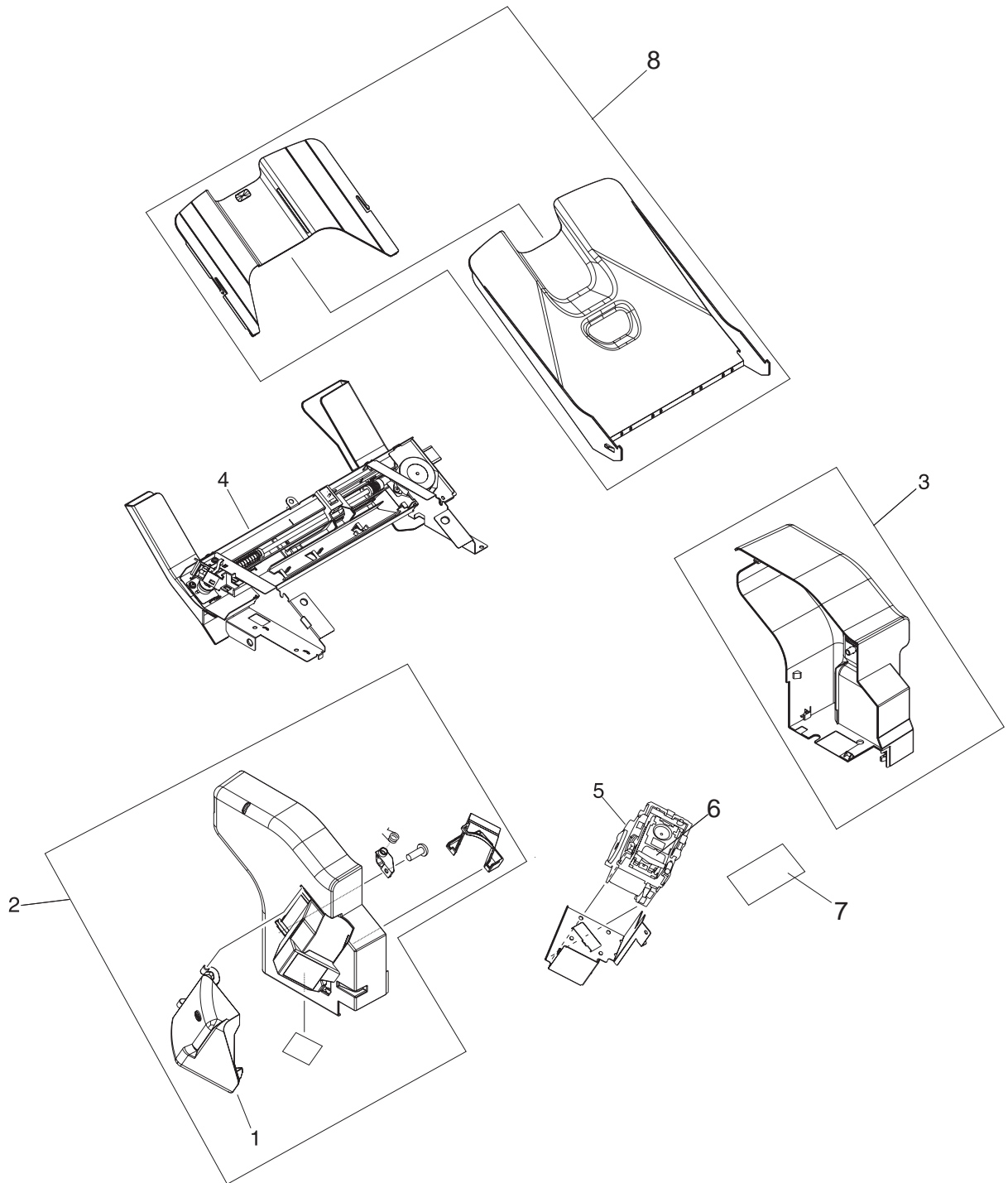


Figure 7-46 Stapler/stacker accessory

Table 7-45 Stapler/stacker accessory

Reference	Description	Part number	Quantity
	500 sheet stapler/stacker replacement unit	Q5691-60501	1
1	Door, jam access	RC1-2597-000CN	1
2	Front cover	RM1-0942-000	1
3	Rear cover	RC1-2598-000CN	1
4	Jog guide assembly	RM1-0947-000CN	1
5	Stapler unit	RK2-0507-000CN	1
6	Staple cartridge	C8085-60541	1
7	Stapler/stacker driver board	RM1-1123-000CN	1
8	Paper delivery tray assembly	RM1-0940-000CN	1

3-bin mailbox

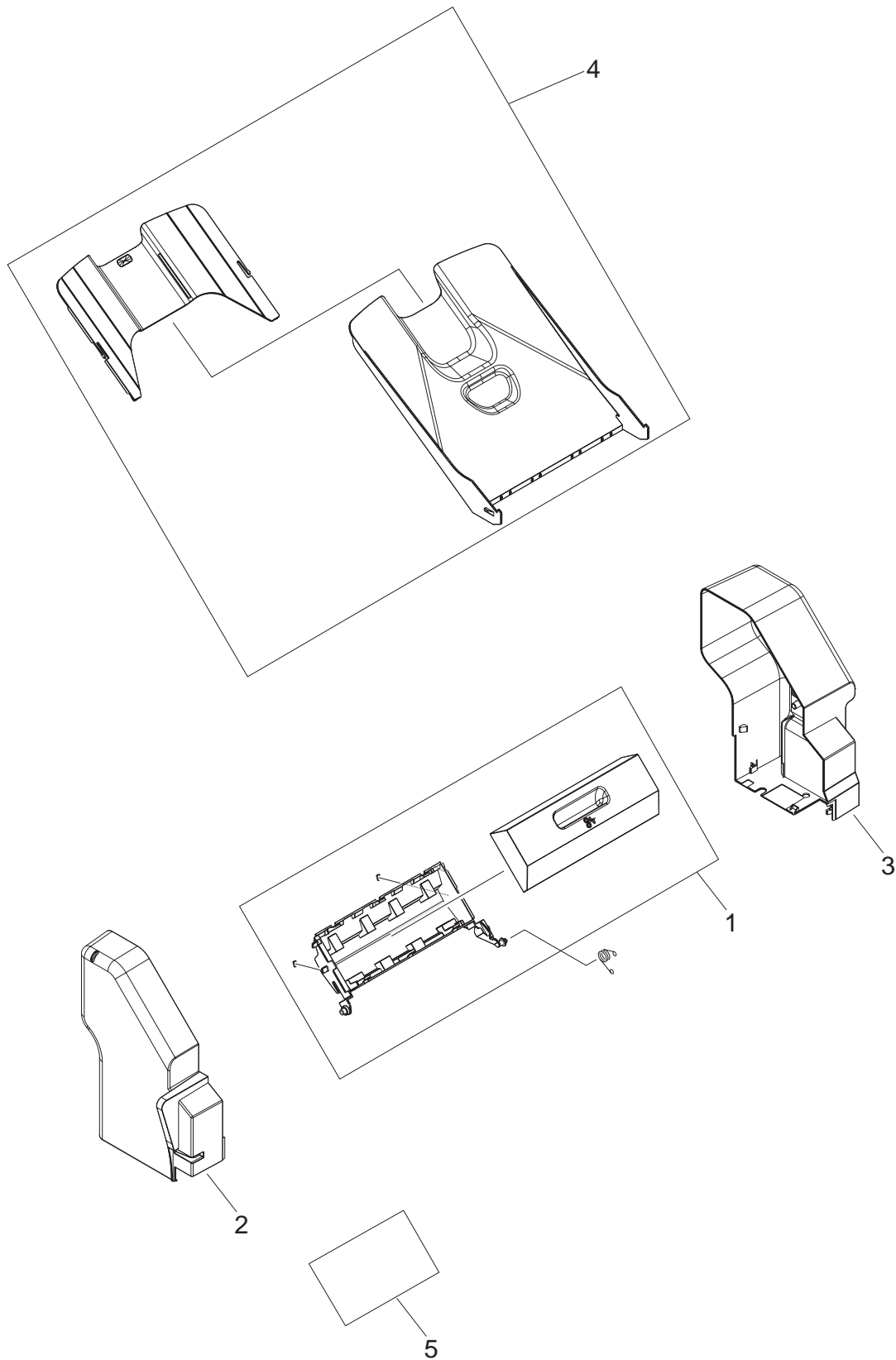


Figure 7-47 3-bin mailbox accessory

Table 7-46 3-bin mailbox accessory

Reference	Description	Part number	Quantity
	3-bin mailbox replacement unit	Q5692-67901	1
1	Jam-access door, 3-bin mailbox	RM1-0981-000CN	1
2	Front cover	RM1-0985-000CN	1
3	Rear cover	RC1-2691-000CN	1
4	Paper delivery tray assembly	RM1-0940-000CN	1
5	MBM driver board	RM1-1124-000CN	1

Alphabetical parts list

Table 7-47 Alphabetical parts list

Description	Part number	Table and page
100-pin DDR memory DIMM (dual inline memory module), 64 MB	Q2625A	Memory on page 486
100-pin DDR memory DIMM, 128 MB	Q2626A	Memory on page 486
100-pin DDR memory DIMM, 256 MB	Q2627-67951	Memory on page 486
3-bin mailbox replacement unit	Q5692-67901	3-bin mailbox accessory on page 569
3-bin mailbox	Q5692-60503	Accessories on page 475
5,000-staple cartridge	C8085-60541	Accessories on page 475
500 sheet stapler/stacker replacement unit	Q5691-60501	Stapler/stacker accessory on page 567
500-sheet stapler/stacker	Q5691-60501	Accessories on page 475
500-sheet tray	Q5968A	Customer-replaceable components (print engine) on page 477
ADF assembly	PF2282K006NI	ADF assembly on page 535
ADF cable	PF2282K165NI	ADF assembly on page 535
ADF clear plastic paper guide	PF2282P353NI	ADF internal components (3 of 3) on page 541
ADF fan filter	IR4041P007NI	Customer-replaceable components (ADF and scanner) on page 479
ADF fan-filter cover	IR4041P217NI	Customer-replaceable components (ADF and scanner) on page 479
ADF front cover	PF2282P059NI	ADF assembly on page 535
ADF front-cover flange	IR4041P215NI	Customer-replaceable components (ADF and scanner) on page 479
ADF hinge flaps (ESD)	PF2282K166NI	ADF assembly on page 535
ADF hinge, left	PF2282K041NI	ADF internal components (2 of 3) on page 539
ADF hinge, right	PF2282K008NI	ADF internal components (2 of 3) on page 539
ADF input tray	PF2282K042NI	Customer-replaceable components (ADF and scanner) on page 479
ADF input tray	PF2282K042NI	ADF assembly on page 535
ADF input tray	PF2282K042NI	ADF input tray on page 543
ADF jam-access cover	PF2282P041NI	ADF assembly on page 535

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
ADF jam-access latch	PF2282K164NI	ADF internal components (3 of 3) on page 541
ADF left cover	PF2282P058NI	ADF assembly on page 535
ADF maintenance kit	Q5997-67901	Print cartridge and maintenance kits on page 488
ADF mylar holder assembly	PF2282K043NI	ADF assembly on page 535
ADF mylar replacement kit	Q6496-67901	Print cartridge and maintenance kits on page 488
ADF mylar replacement kit	Q6496-67901	ADF assembly on page 535
ADF mylar replacement kit	Q6496-67901	ADF mylar replacement kit on page 555
ADF mylar-holder assembly	PF2282K043NI	Customer-replaceable components (ADF and scanner) on page 479
ADF mylar-holder assembly	PF2282K043NI	ADF mylar-holder assembly on page 553
ADF output-bin paper stop	PF2282P061NI	ADF internal components (1 of 3) on page 537
ADF output-bin-base cover	PF2282P060NI	ADF internal components (1 of 3) on page 537
ADF pickup-roller assembly	PF2282K039NI	Customer-replaceable components (ADF and scanner) on page 479
ADF pickup-roller assembly	PF2282K039NI	ADF internal components (3 of 3) on page 541
ADF pickup-roller assembly	PF2282K039NI	ADF pickup-roller assembly on page 549
ADF pickup-roller cover	PF2282K040NI	Customer-replaceable components (ADF and scanner) on page 479
ADF pickup-roller cover	PF2282K040NI	ADF internal components (3 of 3) on page 541
ADF pickup-roller cover	PF2282K040NI	ADF pickup-roller cover on page 551
ADF rear cover	PF2282P044NI	ADF assembly on page 535
ADF separation pad	PF2282K035NI	ADF separation-pad case on page 547
ADF separation-pad assembly	PF2282K035NI	Customer-replaceable components (ADF and scanner) on page 479
ADF separation-pad assembly	PF2282K035NI	ADF separation pad on page 545
ADF separation-pad case	PF2282K034NI	ADF separation-pad case on page 547

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
ADF white mylar backing	PF2282P025NI	ADF assembly on page 535
ADF white scan background	PF2282P339NI	ADF assembly on page 535
ADF, springs for left cover	PF2282P352NI	ADF assembly on page 535
ADF, springs for white mylar backing	PF2282P343NI	ADF assembly on page 535
Arm, door, 1 (top cover)	RC1-2827-000CN	Internal components (4 of 5) on page 507
Arm, door, 2 (top cover)	RC1-2828-000CN	Internal components (4 of 5) on page 507
Block, guide support (upper plate)	RC1-3102-000CN	Upper-plate assembly on page 499
Bolt, hex-head	WS9-0255-000CN	Internal components (4 of 5) on page 507
Cable, beam-detect to scanner (print engine)	RM1-1372-000CN	Internal components (1 of 5) on page 501
Cable, control panel	RM1-1381-000CN	Internal components (4 of 5) on page 507
Cable, door switch	RM1-1397-000CN	Internal components (2 of 5) on page 503
Cable, duplexing-unit grounding	RM1-1400-000CN	Electrical/forward assembly on page 511
Cable, envelope-feeder connector	RM1-1193-000CN	Internal components (2 of 5) on page 503
Cable, fan docking (for DC-controller fan)	RM1-1376-000CN	Internal components (5 of 5) on page 509
Cable, flat-flexible (engine power supply)	RK2-0470-000CN	Electrical/forward assembly on page 511
Cable, flat-flexible (engine power supply)	RK2-0469-000CN	Electrical/forward assembly on page 511
Cable, image scanner (print engine)	RM1-1398-000CN	Internal components (1 of 5) on page 501
Cable, laser (print engine)	RM1-1367-000CN	Internal components (1 of 5) on page 501
Cable, optional 500-sheet feeder connection	RM1-1370-000CN	Internal components (5 of 5) on page 509
Cable, output device connection	RM1-1371-000CN	Internal components (4 of 5) on page 507
Cable, output-bin full sensor	RM1-1368-000CN	Internal components (4 of 5) on page 507
Cable, power	RM1-1375-000CN	Internal components (5 of 5) on page 509
Cable, reverse unit	RM1-1380-000CN	Internal components (4 of 5) on page 507

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Case, envelope-feeder connector	RC1-0245-000CN	Internal components (2 of 5) on page 503
Cassette	RM1-1001-000CN	Cassette on page 563
Cassette (tray 2, 3, 4 or 5)	RM1-1001-000CN	Cassette on page 519
Cassette rail assembly, left	RM1-1011-000CN	Internal components (3 of 5) on page 505
Cassette rail assembly, right	RM1-1012-000CN	Internal components (3 of 5) on page 505
Clutch, paper feed, electromagnetic (CL101)	RK2-0349-000CN	Paper-feed roller assembly on page 521
Complete print engine (110 volt)	CB425-69001	Internal components (1 of 5) on page 501
Complete print engine (220 volt)	CB425-69002	Internal components (1 of 5) on page 501
Control-panel assembly	Q3942-60102	Control panel and control-panel overlays on page 484
Control-panel assembly	CB425-60127	External panels and covers on page 497
Cover, cassette, left side	RC1-3043-000CN	External panels and covers on page 497
Cover, door arm (top cover)	RC1-2833-000CN	Internal components (4 of 5) on page 507
Cover, duplexing-unit assembly	RM1-1018-000CN	External panels and covers on page 497
Cover, envelope-feeder slot	RL1-0455-000CN	Internal components (3 of 5) on page 505
Cover, formatter	RC1-3035-000CN	Customer-replaceable components (print engine) on page 477
Cover, formatter	RC1-3035-000CN	External panels and covers on page 497
Cover, front assembly	RM1-1100-000CN	External panels and covers on page 497
Cover, front corner	RL1-0457-000CN	External panels and covers on page 497
Cover, front stopper	RC1-2823-000CN	Internal components (4 of 5) on page 507
Cover, handle, lower right	RC1-2881-000CN	Internal components (2 of 5) on page 503
Cover, inner front	RC1-3041-000CN	Internal components (4 of 5) on page 507
Cover, left-side, front	RC1-3052-000CN	Internal components (1 of 5) on page 501

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Cover, lock, front (upper plate)	RC1-2820-000CN	Upper-plate assembly on page 499
Cover, rear	RM1-1017-000CN	External panels and covers on page 497
Cover, rear lock (upper plate)	RC1-2821-000CN	Upper-plate assembly on page 499
Cover, right assembly	RM1-1016-000CN	External panels and covers on page 497
Cover, right lower assembly	RM1-1033-000CN	External panels and covers on page 497
Cover, side, rear	RC1-3042-000CN	Internal components (3 of 5) on page 505
Cross-member, support	RC1-2911-000CN	Internal components (4 of 5) on page 507
Customer in-box training CD, English only	CB425-60155	Documentation, software, and training material on page 491
Data cable for hard disk (2-wire)	5851-2720	Memory on page 486
DC controller PCA	RM1-1354-000CN	Internal components (5 of 5) on page 509
Delivery assembly	RM1-1047-000CN	External panels and covers on page 497
Delivery assembly	RM1-1047-000CN	Delivery assembly on page 531
Delivery tray assembly	RM1-1047-000CN	Customer-replaceable components (print engine) on page 477
Door, jam access	RC1-2597-000CN	Stapler/stacker accessory on page 567
Duplex-printing assembly	Q5969-67901	Duplex-printing assembly on page 565
Duplexer (duplex printing accessory)	Q5969A	Accessories on page 475
E-ring (paper-feed roller assembly)	XD9-0132-020CN	Paper-feed roller assembly on page 521
Electrical/forward assembly	For reference only	Internal components (2 of 5) on page 503
Engine power supply assembly (100–127 volt)	RM1-1041-000CN	Electrical/forward assembly on page 511
Engine power supply assembly (220–240 volt)	RM1-1042-000CN	Electrical/forward assembly on page 511
Envelope feeder	Q2438-67902	Accessories on page 475
Fan, DC controller (FN104)	RK2-0472-000CN	Internal components (5 of 5) on page 509
Fan, main cooling (FN101)	RK2-0278-000CN	Internal components (1 of 5) on page 501

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Fan, print cartridge (FN102)	RK2-0280-000CN	Internal components (5 of 5) on page 509
Fan, reversing unit (FN103)	RK2-0280-000CN	Internal components (1 of 5) on page 501
Flag, full-detect (output bin)	RC1-2863-000CN	Internal components (4 of 5) on page 507
Flag, paper-feed sensor	RC1-0060-000CN	Internal components (1 of 5) on page 501
Flag, shutter	RC1-0378-000CN	Internal components (1 of 5) on page 501
Formatter assembly	CB425-67901	Internal components (5 of 5) on page 509
Formatter assembly, new	CB425-67901	Customer-replaceable components (print engine) on page 477
Front cover	RM1-0942-000	Stapler/stacker accessory on page 567
Front cover	RM1-0985-000CN	3-bin mailbox accessory on page 569
Fuser (100–127 volt)	RM1-1043-000CN	Fuser on page 533
Fuser (100–127 volt)	RM1-1043-000CN	Internal components (2 of 5) on page 503
Fuser (220–240 volt)	RM1-1044-000CN	Internal components (2 of 5) on page 503
Fuser (220–240 volt)	RM1-1044-000CN	Fuser on page 533
Fuser entrance guide	RM1-1046-000CN	Customer-replaceable components (print engine) on page 477
Fuser entrance guide	RM1-1046-000CN	Internal components (2 of 5) on page 503
Fuser, 110-volt, new	RM1-1043-000CN	Customer-replaceable components (print engine) on page 477
Fuser, 220-volt, new	RM1-1044-000CN	Customer-replaceable components (print engine) on page 477
Gear, 14T (cassette)	RU5-0254-000CN	Cassette on page 519
Gear, 18T	RU5-0045-020CN	Internal components (1 of 5) on page 501
Gear, 20T (cassette)	RC1-0331-000CN	Cassette on page 519
Gear, 23T	RU5-0256-000CN	Internal components (1 of 5) on page 501
Gear, 30T (paper-feed roller assembly)	RU5-0050-000CN	Paper-feed roller assembly on page 521

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Gear, 80T (cassette)	RU5-0253-000CN	Cassette on page 519
Guide assembly, flat-flexible cable	RM1-1027-000CN	Internal components (5 of 5) on page 509
Guide, cartridge (upper plate)	RC1-2853-000CN	Upper-plate assembly on page 499
Guide, cassette, front	RC1-3020-000CN	Cassette on page 519
Guide, legal-size (upper plate)	RC1-2854-000CN	Upper-plate assembly on page 499
Guide, paper sensing (PS101)	RM1-1010-000CN	Internal components (1 of 5) on page 501
Guide, rear	RC1-2884-000CN	Internal components (3 of 5) on page 505
Handle, lock (upper plate)	RC1-2818-000CN	Upper-plate assembly on page 499
Hard disk, 40 GB	0950-4717	Memory on page 486
Hinge, door, right-side	RC1-2901-000CN	Internal components (2 of 5) on page 503
Holder, door switch	RC1-3063-000CN	Internal components (2 of 5) on page 503
Holder, link	RC1-3002-000CN	Internal components (3 of 5) on page 505
Holder, output-device-full sensor flag	RC1-2864-000CN	Internal components (4 of 5) on page 507
Holder, right shutter (upper plate)	RC1-2855-000CN	Upper-plate assembly on page 499
HP Digital Sending Software CD (trial version)	MKTNG-00539	Documentation, software, and training material on page 491
HP Jetdirect 620n Fast Ethernet (10/100Base-TX) print server (EIO card)	J7934A	Cables and interfaces on page 481
HP Jetdirect connectivity card for USB, serial, and LocalTalk connections	J4135A	Cables and interfaces on page 481
HP LaserJet analog fax accessory 300	Q3701-60010	Accessories on page 475
HP LaserJet M4345 MFP Series service manual	CB425-90908	Documentation, software, and training material on page 491
HP LaserJet M4345 MFP Series software CD, Asia/EN/DR	CB425-60136	Documentation, software, and training material on page 491
HP LaserJet M4345 MFP Series software CD, ROW/AR	CB425-60135	Documentation, software, and training material on page 491
HP LaserJet print cartridge	Q5945-67901	Print cartridge and maintenance kits on page 488
Jam-access door, 3-bin mailbox	RM1-0981-000CN	3-bin mailbox accessory on page 569

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Jog guide assembly	RM1-0947-000CN	Stapler/stacker accessory on page 567
Kit-Control Pnl Overlay Left/Right AR	CB425-60125	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right CS	CB425-60116	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right DA	CB425-60113	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right DE	CB425-60106	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right EL	CB425-60124	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right EN	CB425-60103	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right ES	CB425-60107	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right FI	CB425-60112	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right FR	CB425-60104	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right HE	CB425-60123	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right HR	CB425-60129	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right HU	CB425-60117	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right IT	CB425-60105	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right JA	CB425-60121	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right KO	CB425-60120	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right NL	CB425-60108	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right NO	CB425-60110	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right PL	CB425-60114	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right PT	CB425-60109	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right RO	CB425-60130	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right RU	CB425-60115	Control panel and control-panel overlays on page 484

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Kit-Control Pnl Overlay Left/Right SK	CB425-60131	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right SL	CB425-60132	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right SV	CB425-60111	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right TH	CB425-60126	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right TR	CB425-60122	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right ZHCN	CB425-60119	Control panel and control-panel overlays on page 484
Kit-Control Pnl Overlay Left/Right ZHTW	CB425-60118	Control panel and control-panel overlays on page 484
Laser/scanner assembly	RM1-1573-000CN	Internal components (1 of 5) on page 501
Lever, paper-size-sensing (cassette)	RC1-2782-000CN	Cassette on page 519
Lever, shutter	RC1-3106-000CN	Internal components (1 of 5) on page 501
Lifter drive assembly	RM1-1029-000CN	Internal components (3 of 5) on page 505
Lifter-drive assembly	RM1-1029-000CN	Lifter-drive assembly on page 517
Limiter, torque	RC1-2758-000CN	Internal components (1 of 5) on page 501
Link, handle (upper plate)	RC1-2822-000CN	Upper-plate assembly on page 499
Link, switch	RC1-3003-000CN	Internal components (3 of 5) on page 505
Main drive assembly	RM1-1049-000CN	Internal components (3 of 5) on page 505
Main drive assembly	RM1-1049-000CN	Main drive assembly on page 513
MBM driver board	RM1-1124-000CN	3-bin mailbox accessory on page 569
Microswitch (SW101)	WC4-5139-000CN	Internal components (2 of 5) on page 503
Motor, crossing, (stepping) (M104)	RK2-0473-000CN	Reverse assembly on page 527
Motor, DC 24-volt, (M101)	RK2-0272-000CN	Internal components (3 of 5) on page 505
Motor, DC 24-volt, (M102)	RK2-0274-000CN	Internal components (3 of 5) on page 505

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Motor, delivery (stepping) (M106)	RK2-0475-000CN	Reverse assembly on page 527
Motor, reverse-unit (stepping) (M105)	RK2-0474-000CN	Reverse assembly on page 527
Multipurpose assembly	RM1-1572-000CN	Multipurpose assembly on page 525
Multipurpose tray assembly	RM1-1572-000CN	Internal components (3 of 5) on page 505
Multipurpose tray assembly	RM1-0005-020CN	Multipurpose assembly on page 525
Mylar sheet kit (3 sheets)	Q6496-67901	Customer-replaceable components (ADF and scanner) on page 479
Optional 500-sheet tray and feeder unit	Q5968-67901	Accessories on page 475
Output bin	RM1-0940-000CN	Customer-replaceable components (print engine) on page 477
Output-bin assembly	RM1-0940-000CN	External panels and covers on page 497
Paper delivery tray assembly	RM1-0940-000CN	Stapler/stacker accessory on page 567
Paper delivery tray assembly	RM1-0940-000CN	3-bin mailbox accessory on page 569
Paper-feed assembly	RM1-0025-040CN	Electrical/forward assembly on page 511
Paper-feed roller assembly	RM1-0012-020CN	Paper-feed roller assembly on page 521
Paper-pickup-drive assembly	RM1-0034-070CN	Internal components (1 of 5) on page 501
Paper-pickup-drive assembly	RM1-0034-070CN	Paper-pickup-drive assembly on page 515
PHN-CORD OPT 510 NORWAY/FINLAND 3.0M-LG	8120-8916	Cables and interfaces on page 481
PHN-CORD OPT-501 US 3.0-M-LG ROHS United States/ Taiwan/China/Thailand/Japan/Argentina/India/European Union/ South America/Indonesia/Malaysia/MiddleEast/Phillipines/ Singapore/Mexico/Brazil/Canada/Russia/Bulgaria/Baltics/ Vietnam	8121-0811	Cables and interfaces on page 481
PHN-CORD OPT-502 DE 3.0-M-LG ROHS Denmark	8120-8912	Cables and interfaces on page 481
PHN-CORD OPT-504 FR 3.0-M-LG ROHS France	8120-8923	Cables and interfaces on page 481
PHN-CORD OPT-505 UK/HK/NZ 3.0-M-LG ROHS United Kingdom	8120-8921	Cables and interfaces on page 481

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
PHN-CORD OPT-506 DK 3.0-M-LG ROHS Denmark	8120-8911	Cables and interfaces on page 481
PHN-CORD OPT-507 TR 3.0-M-LG ROHS Turkey/Greece	8120-8920	Cables and interfaces on page 481
PHN-CORD OPT-508 NL 3.0-M-LG ROHS Netherlands	8120-8915	Cables and interfaces on page 481
PHN-CORD OPT-511 SE 3.0-M-LG ROHS NO/FI/SV	8120-8918	Cables and interfaces on page 481
PHN-CORD OPT-512 CH 3.0-M-LG ROHS Switzerland	8121-0844	Cables and interfaces on page 481
PHN-CORD OPT-514 IT 3.0-M-LG ROHS Southern Europe	8120-8914	Cables and interfaces on page 481
PHN-CORD OPT-516 KR 3.0-M-LG ROHS Korea	8120-8908	Cables and interfaces on page 481
PHN-CORD OPT-517 IL 3.0-M-LG ROHS Israel	8120-8913	Cables and interfaces on page 481
PHN-CORD OPT-519 AU 3.0-M-LG ROHS Australia	8120-8907	Cables and interfaces on page 481
PHN-CORD OPT-520 EE 3.0-M-LG ROHS SK/SL/HR/RO/CS/HU/PL	8120-8922	Cables and interfaces on page 481
PHN-CORD OPT-520 EE 3.0-M-LG ROHS South Africa	8120-8922	Cables and interfaces on page 481
PHN-CORD US 3.0-M-LG ROHS Hong Kong SAR	8121-1042	Cables and interfaces on page 481
Photointerrupter (PS107)	WG8-5624-000CN	Internal components (1 of 5) on page 501
Plate, main pad support (multipurpose assembly)	RL1-0007-000CN	Multipurpose assembly on page 525
Power cable for hard disk (5-wire)	5851-3051	Memory on page 486
POWER CORD, OPT-906 3-COND 2.25-M-LG	8120-6815	Cables and interfaces on page 481
Power supply, PFC (100–127 volt)	RM1-1013-000CN	Internal components (5 of 5) on page 509
Power supply, PFC (220–240 volt)	RM1-1014-000CN	Internal components (5 of 5) on page 509
Printer maintenance kit, 110-volt	Q5998-67901	Print cartridge and maintenance kits on page 488
Printer maintenance kit, 220-volt	Q5999-67901	Print cartridge and maintenance kits on page 488
PWR-CORD OPT-900 3-COND 1.9-M-LG 5A ROHS Maylasia	8121-0739	Cables and interfaces on page 481
PWR-CORD OPT-900 3-COND 1.9-M-LG 5A ROHS United Kingdom/Middle East 220V/Phillipines/Singapore/Hong Kong SAR/Malaysia	8121-0739	Cables and interfaces on page 481

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
PWR-CORD OPT-901 3-COND 1.9-M-LG ROHS Australia	8121-0837	Cables and interfaces on page 481
PWR-CORD OPT-902 3-COND 1.9-M-LG ROHS Middle East 220V	8121-0731	Cables and interfaces on page 481
PWR-CORD OPT-902 3-COND 1.9-M-LG ROHS Southern Europe/Western Europe/Eastern Europe/Indonesia/Baltics/Vietnam/Korea 220V	8121-0731	Cables and interfaces on page 481
PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS Middle East	8121-0740	Cables and interfaces on page 481
PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS South America/Mexico/Brazil	8121-0740	Cables and interfaces on page 481
PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS United States/Canada	8121-0740	Cables and interfaces on page 481
PWR-CORD OPT-906 3-COND 1.9-M-LG ROHS Switzerland	8121-0738	Cables and interfaces on page 481
PWR-CORD OPT-912 3-COND 1.9-M-LG ROHS Denmark	8121-0733	Cables and interfaces on page 481
PWR-CORD OPT-917 3-COND 1.9-M-LG ROHS Africa	8121-0737	Cables and interfaces on page 481
PWR-CORD OPT-918 3-COND 1.9-M-LG ROHS Japan	8121-0736	Cables and interfaces on page 481
PWR-CORD OPT-919 3-COND 1.9-M-LG ROHS Israel	8121-1004	Cables and interfaces on page 481
PWR-CORD OPT-920 3-COND 1.9-M-LG ROHS Argentina	8121-0729	Cables and interfaces on page 481
PWR-CORD OPT-922 3-COND 1.9-M-LG ROHS China	8121-0943	Cables and interfaces on page 481
PWR-CORD OPT-923 3-COND 1.9-M-LG ROHS India	8121-0564	Cables and interfaces on page 481
PWR-CORD OPT-927 3-COND 1.9-M-LG ROHS Phillipines/Singapore/Mexico/Brazil/Thailand	8121-0734	Cables and interfaces on page 481
PWR-CORD OPT-934 3-COND 1.9-M-LG ROHS Taiwan	8121-0964	Cables and interfaces on page 481
Rear cover	RC1-2598-000CN	Stapler/stacker accessory on page 567
Rear cover	RC1-2691-000CN	3-bin mailbox accessory on page 569
Registration assembly	RM1-0011-060CN	Internal components (1 of 5) on page 501
Registration assembly	RM1-0011-060CN	Registration assembly on page 523
Reverse assembly	RM1-1022-000CN	Internal components (2 of 5) on page 503

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Reverse assembly	RM1-1022-000CN	Reverse assembly on page 527
Reverse-separation guide assembly	RM1-1019-000CN	Internal components (4 of 5) on page 507
Reverse-separation-guide assembly	RM1-1019-000CN	Reverse-separation-guide assembly on page 529
Reverse-unit PCA	RM1-1379-000CN	Reverse assembly on page 527
Rod, link	RC1-2902-000CN	Internal components (3 of 5) on page 505
Rod, link (upper plate)	RC1-2830-000CN	Upper-plate assembly on page 499
Rod, switch, front	RC1-2980-000CN	Internal components (3 of 5) on page 505
Roller assembly, transfer	RM1-1110-000CN	Customer-replaceable components (print engine) on page 477
Roller assembly, transfer	RM1-1110-000CN	Internal components (2 of 5) on page 503
Roller, paper-feed (cassette)	RM1-0037-000CN	Customer-replaceable components (print engine) on page 477
Roller, paper-feed (cassette)	RM1-0037-020CN	Internal components (1 of 5) on page 501
Roller, paper-feed assembly	RM1-0012-020CN	Internal components (1 of 5) on page 501
Roller, paper-pickup (cassette)	RM1-0036-000CN	Customer-replaceable components (print engine) on page 477
Roller, paper-pickup (cassette)	RM1-0036-000CN	Internal components (1 of 5) on page 501
Roller, pickup, multipurpose assembly	RL1-0019-000CN	Customer-replaceable components (print engine) on page 477
Roller, pickup, multipurpose assembly	RL1-0019-000CN	Multipurpose assembly on page 525
Scanner controller PCA	IR4041K512NI	Scanner-base components on page 557
Scanner fan-filter cover	IR4041P217NI	Scanner-base components on page 557
Scanner flatbed-unit assembly	IR4041K081NI	Scanner flatbed-unit assembly on page 559
Scanner left cover	IR4041K114NI	Scanner covers on page 561
Scanner rear cover	IR4041P216NI	Scanner flatbed-unit assembly on page 559

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Scanner right cover	IR4041P213NI	Scanner covers on page 561
Scanner top-cover flatbed flange	IR4041P125NI	Scanner covers on page 561
Scanner, spring for left cover	IR4041P041NI	Scanner covers on page 561
Scanner-carriage-lock cover	IR4041P214NI	Scanner covers on page 561
Scanner-fan filter	IR4041P007NI	Scanner-base components on page 557
Screw, ADF	030080FWWSNI	ADF assembly on page 535
Screw, ADF	NS-SCR00029NI	ADF internal components (1 of 3) on page 537
Screw, ADF, button, M3 x 8	IR4041P021NI	ADF input tray on page 543
Screw, ADF, wave 4 x 10	PF2245P369NI	ADF assembly on page 535
Screw, flathead, RS, M3 x 6	XA9-1464-000CN	Electrical/forward assembly on page 511
Screw, M3 x 8	XA9-0650-000CN	Fuser on page 533
Screw, RS, M3 x 12	XA9-1447-000CN	Internal components (1 of 5) on page 501
Screw, RS, M3 x 6	XA9-1495-000CN	Upper-plate assembly on page 499
Screw, RS, M3 x 8	XA9-1449-000CN	Fuser on page 533
Screw, S, M3 x 8	XA9-1500-000CN	Internal components (1 of 5) on page 501
Screw, scanner flatbed	040100FNBBNI	Scanner flatbed-unit assembly on page 559
Screw, stepped	RS1-9004-020CN	Fuser on page 533
Screw, stepped, M3	RC1-0266-020CN	Internal components (5 of 5) on page 509
Screw, tapping, M3 x 6	XA9-1503-000CN	Internal components (3 of 5) on page 505
Screw, tapping, pan-head, M4 x 10	XB4-7401-0007CN	External panels and covers on page 497
Screw, tapping, truss-head, M3 x 8	XB4-7300-809CN	Multipurpose assembly on page 525
Screw, tapping, truss-head, M4 x 16	XB4-7401-605CN	Internal components (3 of 5) on page 505
Screw, TP, M3 x 4	XB6-7300-406CN	Reverse assembly on page 527
Screw, with washer, M3 x 6	XB2-7300-607CN	Internal components (2 of 5) on page 503
Screw, with washer, M3 x 6	XA9-1420-000CN	Electrical/forward assembly on page 511

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Sensor assembly, paper size (SW102)	RM1-0041-020CN	Internal components (5 of 5) on page 509
Sensor assembly, right door	RM1-1045-000CN	Internal components (2 of 5) on page 503
Sensor, reverse-unit (PS109)	RM1-1570-000CN	Reverse assembly on page 527
Sensor, reverse-unit jam (PS111)	RM1-1571-000CN	Reverse assembly on page 527
Service and support training CD	CB425-14005	Documentation, software, and training material on page 491
Solenoid (SL101)	RK2-0269-000CN	Internal components (1 of 5) on page 501
Solenoid, multipurpose assembly (SL102)	RK2-0276-000CN	Multipurpose assembly on page 525
Solenoid, reverse-unit (SL105)	RK2-0485-000CN	Reverse assembly on page 527
Solenoid, reversing-roller separation (SL106)	RK2-0486-000CN	Reverse assembly on page 527
Spacer, screw	RC1-0392-000CN	Internal components (2 of 5) on page 503
Spring, compression	RU5-2265-000CN	Internal components (5 of 5) on page 509
Spring, grounding	RU5-2251-000CN	Internal components (3 of 5) on page 505
Spring, tension	RC1-0167-000CN	Internal components (1 of 5) on page 501
Spring, torsion	RC1-0379-000CN	Internal components (1 of 5) on page 501
Spring, torsion	RC1-0061-000CN	Internal components (1 of 5) on page 501
Staple cartridge	C8085-60541	Stapler/stacker accessory on page 567
Stapler unit	RK2-0507-000CN	Stapler/stacker accessory on page 567
Stapler/stacker driver board	RM1-1123-000CN	Stapler/stacker accessory on page 567
Stopper, bushing arm	RC1-3090-000CN	Internal components (4 of 5) on page 507
Stopper, front lock	RL1-0434-000CN	Internal components (4 of 5) on page 507
Stopper, hinge shaft	RC1-3124-000CN	Internal components (2 of 5) on page 503
Storage cabinet	Q5970A	Accessories on page 475

Table 7-47 Alphabetical parts list (continued)

Description	Part number	Table and page
Support, cartridge (upper plate)	RC1-2856-000CN	Upper-plate assembly on page 499
Support, gas damper	RL1-0436-000CN	Internal components (4 of 5) on page 507
Swing-plate assembly	RM1-0043-020CN	Internal components (5 of 5) on page 509
Switch, power	RC1-3044-000CN	External panels and covers on page 497
Thermistor (TH3)	RK2-0359-000CN	Internal components (1 of 5) on page 501
Upper plate assembly	For reference only	Internal components (4 of 5) on page 507
USB cable, 2-meter standard device connector	C6518A	Cables and interfaces on page 481

Numerical parts list

Table 7-48 Numerical parts list

Part number	Description	Table and page
030080FWWSNI	Screw, ADF	ADF assembly on page 535
040100FNBBNI	Screw, scanner flatbed	Scanner flatbed-unit assembly on page 559
0950-4717	Hard disk, 40 GB	Memory on page 486
5851-2720	Data cable for hard disk (2-wire)	Memory on page 486
5851-3051	Power cable for hard disk (5-wire)	Memory on page 486
8120-6815	POWER CORD, OPT-906 3-COND 2.25-M-LG	Cables and interfaces on page 481
8120-8907	PHN-CORD OPT-519 AU 3.0-M-LG ROHS Australia	Cables and interfaces on page 481
8120-8908	PHN-CORD OPT-516 KR 3.0-M-LG ROHS Korea	Cables and interfaces on page 481
8120-8911	PHN-CORD OPT-506 DK 3.0-M-LG ROHS Denmark	Cables and interfaces on page 481
8120-8912	PHN-CORD OPT-502 DE 3.0-M-LG ROHS Denmark	Cables and interfaces on page 481
8120-8913	PHN-CORD OPT-517 IL 3.0-M-LG ROHS Israel	Cables and interfaces on page 481
8120-8914	PHN-CORD OPT-514 IT 3.0-M-LG ROHS Southern Europe	Cables and interfaces on page 481
8120-8915	PHN-CORD OPT-508 NL 3.0-M-LG ROHS Netherlands	Cables and interfaces on page 481
8120-8916	PHN-CORD OPT 510 NORWAY/FINLAND 3.0M-LG	Cables and interfaces on page 481
8120-8918	PHN-CORD OPT-511 SE 3.0-M-LG ROHS NO/FI/SV	Cables and interfaces on page 481
8120-8920	PHN-CORD OPT-507 TR 3.0-M-LG ROHS Turkey/Greece	Cables and interfaces on page 481
8120-8921	PHN-CORD OPT-505 UK/HK/NZ 3.0-M-LG ROHS United Kingdom	Cables and interfaces on page 481
8120-8922	PHN-CORD OPT-520 EE 3.0-M-LG ROHS South Africa	Cables and interfaces on page 481
8120-8922	PHN-CORD OPT-520 EE 3.0-M-LG ROHS SK/SL/HR/RO/CS/HU/PL	Cables and interfaces on page 481
8120-8923	PHN-CORD OPT-504 FR 3.0-M-LG ROHS France	Cables and interfaces on page 481
8121-0564	PWR-CORD OPT-923 3-COND 1.9-M-LG ROHS India	Cables and interfaces on page 481
8121-0729	PWR-CORD OPT-920 3-COND 1.9-M-LG ROHS Argentina	Cables and interfaces on page 481

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
8121-0731	PWR-CORD OPT-902 3-COND 1.9-M-LG ROHS Southern Europe/Western Europe/Eastern Europe/Indonesia/Baltics/Vietnam/Korea 220V	Cables and interfaces on page 481
8121-0731	PWR-CORD OPT-902 3-COND 1.9-M-LG ROHS Middle East 220V	Cables and interfaces on page 481
8121-0733	PWR-CORD OPT-912 3-COND 1.9-M-LG ROHS Denmark	Cables and interfaces on page 481
8121-0734	PWR-CORD OPT-927 3-COND 1.9-M-LG ROHS Phillipines/Singapore/Mexico/Brazil/Thailand	Cables and interfaces on page 481
8121-0736	PWR-CORD OPT-918 3-COND 1.9-M-LG ROHS Japan	Cables and interfaces on page 481
8121-0737	PWR-CORD OPT-917 3-COND 1.9-M-LG ROHS Africa	Cables and interfaces on page 481
8121-0738	PWR-CORD OPT-906 3-COND 1.9-M-LG ROHS Switzerland	Cables and interfaces on page 481
8121-0739	PWR-CORD OPT-900 3-COND 1.9-M-LG 5A ROHS United Kingdom/Middle East 220V/Phillipines/Singapore/Hong Kong SAR/Malaysia	Cables and interfaces on page 481
8121-0739	PWR-CORD OPT-900 3-COND 1.9-M-LG 5A ROHS Maylasia	Cables and interfaces on page 481
8121-0740	PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS United States/Canada	Cables and interfaces on page 481
8121-0740	PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS South America/Mexico/Brazil	Cables and interfaces on page 481
8121-0740	PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS Middle East	Cables and interfaces on page 481
8121-0811	PHN-CORD OPT-501 US 3.0-M-LG ROHS United States/Taiwan/China/Thailand/Japan/Argentina/India/European Union/South America/Indonesia/Malaysia/MiddleEast/Phillipines/Singapore/Mexico/Brazil/Canada/Russia/Bulgaria/Baltics/Vietnam	Cables and interfaces on page 481
8121-0837	PWR-CORD OPT-901 3-COND 1.9-M-LG ROHS Australia	Cables and interfaces on page 481
8121-0844	PHN-CORD OPT-512 CH 3.0-M-LG ROHS Switzerland	Cables and interfaces on page 481
8121-0943	PWR-CORD OPT-922 3-COND 1.9-M-LG ROHS China	Cables and interfaces on page 481
8121-0964	PWR-CORD OPT-934 3-COND 1.9-M-LG ROHS Taiwan	Cables and interfaces on page 481
8121-1004	PWR-CORD OPT-919 3-COND 1.9-M-LG ROHS Israel	Cables and interfaces on page 481
8121-1042	PHN-CORD US 3.0-M-LG ROHS Hong Kong SAR	Cables and interfaces on page 481
C6518A	USB cable, 2-meter standard device connector	Cables and interfaces on page 481

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
C8085-60541	5,000-staple cartridge	Accessories on page 475
C8085-60541	Staple cartridge	Stapler/stacker accessory on page 567
CB425-14005	Service and support training CD	Documentation, software, and training material on page 491
CB425-60103	Kit-Control Pnl Overlay Left/Right EN	Control panel and control-panel overlays on page 484
CB425-60104	Kit-Control Pnl Overlay Left/Right FR	Control panel and control-panel overlays on page 484
CB425-60105	Kit-Control Pnl Overlay Left/Right IT	Control panel and control-panel overlays on page 484
CB425-60106	Kit-Control Pnl Overlay Left/Right DE	Control panel and control-panel overlays on page 484
CB425-60107	Kit-Control Pnl Overlay Left/Right ES	Control panel and control-panel overlays on page 484
CB425-60108	Kit-Control Pnl Overlay Left/Right NL	Control panel and control-panel overlays on page 484
CB425-60109	Kit-Control Pnl Overlay Left/Right PT	Control panel and control-panel overlays on page 484
CB425-60110	Kit-Control Pnl Overlay Left/Right NO	Control panel and control-panel overlays on page 484
CB425-60111	Kit-Control Pnl Overlay Left/Right SV	Control panel and control-panel overlays on page 484
CB425-60112	Kit-Control Pnl Overlay Left/Right FI	Control panel and control-panel overlays on page 484
CB425-60113	Kit-Control Pnl Overlay Left/Right DA	Control panel and control-panel overlays on page 484
CB425-60114	Kit-Control Pnl Overlay Left/Right PL	Control panel and control-panel overlays on page 484
CB425-60115	Kit-Control Pnl Overlay Left/Right RU	Control panel and control-panel overlays on page 484
CB425-60116	Kit-Control Pnl Overlay Left/Right CS	Control panel and control-panel overlays on page 484
CB425-60117	Kit-Control Pnl Overlay Left/Right HU	Control panel and control-panel overlays on page 484
CB425-60118	Kit-Control Pnl Overlay Left/Right ZHTW	Control panel and control-panel overlays on page 484
CB425-60119	Kit-Control Pnl Overlay Left/Right ZHCN	Control panel and control-panel overlays on page 484
CB425-60120	Kit-Control Pnl Overlay Left/Right KO	Control panel and control-panel overlays on page 484
CB425-60121	Kit-Control Pnl Overlay Left/Right JA	Control panel and control-panel overlays on page 484

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
CB425-60122	Kit-Control Pnl Overlay Left/Right TR	Control panel and control-panel overlays on page 484
CB425-60123	Kit-Control Pnl Overlay Left/Right HE	Control panel and control-panel overlays on page 484
CB425-60124	Kit-Control Pnl Overlay Left/Right EL	Control panel and control-panel overlays on page 484
CB425-60125	Kit-Control Pnl Overlay Left/Right AR	Control panel and control-panel overlays on page 484
CB425-60126	Kit-Control Pnl Overlay Left/Right TH	Control panel and control-panel overlays on page 484
CB425-60127	Control-panel assembly	External panels and covers on page 497
CB425-60129	Kit-Control Pnl Overlay Left/Right HR	Control panel and control-panel overlays on page 484
CB425-60130	Kit-Control Pnl Overlay Left/Right RO	Control panel and control-panel overlays on page 484
CB425-60131	Kit-Control Pnl Overlay Left/Right SK	Control panel and control-panel overlays on page 484
CB425-60132	Kit-Control Pnl Overlay Left/Right SL	Control panel and control-panel overlays on page 484
CB425-60135	HP LaserJet M4345 MFP Series software CD, ROW/AR	Documentation, software, and training material on page 491
CB425-60136	HP LaserJet M4345 MFP Series software CD, Asia/EN/DR	Documentation, software, and training material on page 491
CB425-60155	Customer in-box training CD, English only	Documentation, software, and training material on page 491
CB425-67901	Formatter assembly	Internal components (5 of 5) on page 509
CB425-69001	Complete print engine (110 volt)	Internal components (1 of 5) on page 501
CB425-69002	Complete print engine (220 volt)	Internal components (1 of 5) on page 501
CB425-90908	HP LaserJet M4345 MFP Series service manual	Documentation, software, and training material on page 491
CB425-67901	Formatter assembly, new	Customer-replaceable components (print engine) on page 477
For reference only	Electrical/forward assembly	Internal components (2 of 5) on page 503
For reference only	Upper plate assembly	Internal components (4 of 5) on page 507
IR4041K081NI	Scanner flatbed-unit assembly	Scanner flatbed-unit assembly on page 559
IR4041K114NI	Scanner left cover	Scanner covers on page 561

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
IR4041K512NI	Scanner controller PCA	Scanner-base components on page 557
IR4041P007NI	ADF fan filter	Customer-replaceable components (ADF and scanner) on page 479
IR4041P007NI	Scanner-fan filter	Scanner-base components on page 557
IR4041P021NI	Screw, ADF, button, M3 x 8	ADF input tray on page 543
IR4041P041NI	Scanner, spring for left cover	Scanner covers on page 561
IR4041P125NI	Scanner top-cover flatbed flange	Scanner covers on page 561
IR4041P213NI	Scanner right cover	Scanner covers on page 561
IR4041P214NI	Scanner-carriage-lock cover	Scanner covers on page 561
IR4041P215NI	ADF front-cover flange	Customer-replaceable components (ADF and scanner) on page 479
IR4041P216NI	Scanner rear cover	Scanner flatbed-unit assembly on page 559
IR4041P217NI	ADF fan-filter cover	Customer-replaceable components (ADF and scanner) on page 479
IR4041P217NI	Scanner fan-filter cover	Scanner-base components on page 557
J4135A	HP Jetdirect connectivity card for USB, serial, and LocalTalk connections	Cables and interfaces on page 481
J7934A	HP Jetdirect 620n Fast Ethernet (10/100Base-TX) print server (EIO card)	Cables and interfaces on page 481
MKTNG-00539	HP Digital Sending Software CD (trial version)	Documentation, software, and training material on page 491
NS-SCR00029NI	Screw, ADF	ADF internal components (1 of 3) on page 537
PF2245P369NI	Screw, ADF, wave 4 x 10	ADF assembly on page 535
PF2282K006NI	ADF assembly	ADF assembly on page 535
PF2282K008NI	ADF hinge, right	ADF internal components (2 of 3) on page 539
PF2282K034NI	ADF separation-pad case	ADF separation-pad case on page 547
PF2282K035NI	ADF separation-pad assembly	Customer-replaceable components (ADF and scanner) on page 479
PF2282K035NI	ADF separation-pad assembly	ADF separation pad on page 545
PF2282K035NI	ADF separation pad	ADF separation-pad case on page 547

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
PF2282K039NI	ADF pickup-roller assembly	Customer-replaceable components (ADF and scanner) on page 479
PF2282K039NI	ADF pickup-roller assembly	ADF internal components (3 of 3) on page 541
PF2282K039NI	ADF pickup-roller assembly	ADF pickup-roller assembly on page 549
PF2282K040NI	ADF pickup-roller cover	Customer-replaceable components (ADF and scanner) on page 479
PF2282K040NI	ADF pickup-roller cover	ADF internal components (3 of 3) on page 541
PF2282K040NI	ADF pickup-roller cover	ADF pickup-roller cover on page 551
PF2282K041NI	ADF hinge, left	ADF internal components (2 of 3) on page 539
PF2282K042NI	ADF input tray	Customer-replaceable components (ADF and scanner) on page 479
PF2282K042NI	ADF input tray	ADF assembly on page 535
PF2282K042NI	ADF input tray	ADF input tray on page 543
PF2282K043NI	ADF mylar-holder assembly	Customer-replaceable components (ADF and scanner) on page 479
PF2282K043NI	ADF mylar holder assembly	ADF assembly on page 535
PF2282K043NI	ADF mylar-holder assembly	ADF mylar-holder assembly on page 553
PF2282K164NI	ADF jam-access latch	ADF internal components (3 of 3) on page 541
PF2282K165NI	ADF cable	ADF assembly on page 535
PF2282K166NI	ADF hinge flaps (ESD)	ADF assembly on page 535
PF2282P025NI	ADF white mylar backing	ADF assembly on page 535
PF2282P041NI	ADF jam-access cover	ADF assembly on page 535
PF2282P044NI	ADF rear cover	ADF assembly on page 535
PF2282P058NI	ADF left cover	ADF assembly on page 535
PF2282P059NI	ADF front cover	ADF assembly on page 535
PF2282P060NI	ADF output-bin-base cover	ADF internal components (1 of 3) on page 537
PF2282P061NI	ADF output-bin paper stop	ADF internal components (1 of 3) on page 537
PF2282P339NI	ADF white scan background	ADF assembly on page 535
PF2282P343NI	ADF, springs for white mylar backing	ADF assembly on page 535

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
PF2282P352NI	ADF, springs for left cover	ADF assembly on page 535
PF2282P353NI	ADF clear plastic paper guide	ADF internal components (3 of 3) on page 541
Q2438-67902	Envelope feeder	Accessories on page 475
Q2625A	100-pin DDR memory DIMM (dual inline memory module), 64 MB	Memory on page 486
Q2626A	100-pin DDR memory DIMM, 128 MB	Memory on page 486
Q2627-67951	100-pin DDR memory DIMM, 256 MB	Memory on page 486
Q3701-60010	HP LaserJet analog fax accessory 300	Accessories on page 475
Q3942-60102	Control-panel assembly	Control panel and control-panel overlays on page 484
Q5691-60501	500-sheet stapler/stacker	Accessories on page 475
Q5691-60501	500 sheet stapler/stacker replacement unit	Stapler/stacker accessory on page 567
Q5692-60503	3-bin mailbox	Accessories on page 475
Q5692-67901	3-bin mailbox replacement unit	3-bin mailbox accessory on page 569
Q5945-67901	HP LaserJet print cartridge	Print cartridge and maintenance kits on page 488
Q5968-67901	Optional 500-sheet tray and feeder unit	Accessories on page 475
Q5968A	500-sheet tray	Customer-replaceable components (print engine) on page 477
Q5969-67901	Duplex-printing assembly	Duplex-printing assembly on page 565
Q5969A	Duplexer (duplex printing accessory)	Accessories on page 475
Q5970A	Storage cabinet	Accessories on page 475
Q5997-67901	ADF maintenance kit	Print cartridge and maintenance kits on page 488
Q5998-67901	Printer maintenance kit, 110-volt	Print cartridge and maintenance kits on page 488
Q5999-67901	Printer maintenance kit, 220-volt	Print cartridge and maintenance kits on page 488
Q6496-67901	Mylar sheet kit (3 sheets)	Customer-replaceable components (ADF and scanner) on page 479
Q6496-67901	ADF mylar replacement kit	Print cartridge and maintenance kits on page 488
Q6496-67901	ADF mylar replacement kit	ADF assembly on page 535
Q6496-67901	ADF mylar replacement kit	ADF mylar replacement kit on page 555

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
RC1-0060-000CN	Flag, paper-feed sensor	Internal components (1 of 5) on page 501
RC1-0061-000CN	Spring, torsion	Internal components (1 of 5) on page 501
RC1-0167-000CN	Spring, tension	Internal components (1 of 5) on page 501
RC1-0245-000CN	Case, envelope-feeder connector	Internal components (2 of 5) on page 503
RC1-0266-020CN	Screw, stepped, M3	Internal components (5 of 5) on page 509
RC1-0331-000CN	Gear, 20T (cassette)	Cassette on page 519
RC1-0378-000CN	Flag, shutter	Internal components (1 of 5) on page 501
RC1-0379-000CN	Spring, torsion	Internal components (1 of 5) on page 501
RC1-0392-000CN	Spacer, screw	Internal components (2 of 5) on page 503
RC1-2597-000CN	Door, jam access	Stapler/stacker accessory on page 567
RC1-2598-000CN	Rear cover	Stapler/stacker accessory on page 567
RC1-2691-000CN	Rear cover	3-bin mailbox accessory on page 569
RC1-2758-000CN	Limiter, torque	Internal components (1 of 5) on page 501
RC1-2782-000CN	Lever, paper-size-sensing (cassette)	Cassette on page 519
RC1-2818-000CN	Handle, lock (upper plate)	Upper-plate assembly on page 499
RC1-2820-000CN	Cover, lock, front (upper plate)	Upper-plate assembly on page 499
RC1-2821-000CN	Cover, rear lock (upper plate)	Upper-plate assembly on page 499
RC1-2822-000CN	Link, handle (upper plate)	Upper-plate assembly on page 499
RC1-2823-000CN	Cover, front stopper	Internal components (4 of 5) on page 507
RC1-2827-000CN	Arm, door, 1 (top cover)	Internal components (4 of 5) on page 507
RC1-2828-000CN	Arm, door, 2 (top cover)	Internal components (4 of 5) on page 507
RC1-2830-000CN	Rod, link (upper plate)	Upper-plate assembly on page 499
RC1-2833-000CN	Cover, door arm (top cover)	Internal components (4 of 5) on page 507

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
RC1-2853-000CN	Guide, cartridge (upper plate)	Upper-plate assembly on page 499
RC1-2854-000CN	Guide, legal-size (upper plate)	Upper-plate assembly on page 499
RC1-2855-000CN	Holder, right shutter (upper plate)	Upper-plate assembly on page 499
RC1-2856-000CN	Support, cartridge (upper plate)	Upper-plate assembly on page 499
RC1-2863-000CN	Flag, full-detect (output bin)	Internal components (4 of 5) on page 507
RC1-2864-000CN	Holder, output-device-full sensor flag	Internal components (4 of 5) on page 507
RC1-2881-000CN	Cover, handle, lower right	Internal components (2 of 5) on page 503
RC1-2884-000CN	Guide, rear	Internal components (3 of 5) on page 505
RC1-2901-000CN	Hinge, door, right-side	Internal components (2 of 5) on page 503
RC1-2902-000CN	Rod, link	Internal components (3 of 5) on page 505
RC1-2911-000CN	Cross-member, support	Internal components (4 of 5) on page 507
RC1-2980-000CN	Rod, switch, front	Internal components (3 of 5) on page 505
RC1-3002-000CN	Holder, link	Internal components (3 of 5) on page 505
RC1-3003-000CN	Link, switch	Internal components (3 of 5) on page 505
RC1-3020-000CN	Guide, cassette, front	Cassette on page 519
RC1-3035-000CN	Cover, formatter	Customer-replaceable components (print engine) on page 477
RC1-3035-000CN	Cover, formatter	External panels and covers on page 497
RC1-3041-000CN	Cover, inner front	Internal components (4 of 5) on page 507
RC1-3042-000CN	Cover, side, rear	Internal components (3 of 5) on page 505
RC1-3043-000CN	Cover, cassette, left side	External panels and covers on page 497
RC1-3044-000CN	Switch, power	External panels and covers on page 497
RC1-3052-000CN	Cover, left-side, front	Internal components (1 of 5) on page 501

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
RC1-3063-000CN	Holder, door switch	Internal components (2 of 5) on page 503
RC1-3090-000CN	Stopper, bushing arm	Internal components (4 of 5) on page 507
RC1-3102-000CN	Block, guide support (upper plate)	Upper-plate assembly on page 499
RC1-3106-000CN	Lever, shutter	Internal components (1 of 5) on page 501
RC1-3124-000CN	Stopper, hinge shaft	Internal components (2 of 5) on page 503
RK2-0269-000CN	Solenoid (SL101)	Internal components (1 of 5) on page 501
RK2-0272-000CN	Motor, DC 24-volt, (M101)	Internal components (3 of 5) on page 505
RK2-0274-000CN	Motor, DC 24-volt, (M102)	Internal components (3 of 5) on page 505
RK2-0276-000CN	Solenoid, multipurpose assembly (SL102)	Multipurpose assembly on page 525
RK2-0278-000CN	Fan, main cooling (FN101)	Internal components (1 of 5) on page 501
RK2-0280-000CN	Fan, reversing unit (FN103)	Internal components (1 of 5) on page 501
RK2-0280-000CN	Fan, print cartridge (FN102)	Internal components (5 of 5) on page 509
RK2-0349-000CN	Clutch, paper feed, electromagnetic (CL101)	Paper-feed roller assembly on page 521
RK2-0359-000CN	Thermistor (TH3)	Internal components (1 of 5) on page 501
RK2-0469-000CN	Cable, flat-flexible (engine power supply)	Electrical/forward assembly on page 511
RK2-0470-000CN	Cable, flat-flexible (engine power supply)	Electrical/forward assembly on page 511
RK2-0472-000CN	Fan, DC controller (FN104)	Internal components (5 of 5) on page 509
RK2-0473-000CN	Motor, crossing, (stepping) (M104)	Reverse assembly on page 527
RK2-0474-000CN	Motor, reverse-unit (stepping) (M105)	Reverse assembly on page 527
RK2-0475-000CN	Motor, delivery (stepping) (M106)	Reverse assembly on page 527
RK2-0485-000CN	Solenoid, reverse-unit (SL105)	Reverse assembly on page 527
RK2-0486-000CN	Solenoid, reversing-roller separation (SL106)	Reverse assembly on page 527

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
RK2-0507-000CN	Stapler unit	Stapler/stacker accessory on page 567
RL1-0007-000CN	Plate, main pad support (multipurpose assembly)	Multipurpose assembly on page 525
RL1-0019-000CN	Roller, pickup, multipurpose assembly	Customer-replaceable components (print engine) on page 477
RL1-0019-000CN	Roller, pickup, multipurpose assembly	Multipurpose assembly on page 525
RL1-0434-000CN	Stopper, front lock	Internal components (4 of 5) on page 507
RL1-0436-000CN	Support, gas damper	Internal components (4 of 5) on page 507
RL1-0455-000CN	Cover, envelope-feeder slot	Internal components (3 of 5) on page 505
RL1-0457-000CN	Cover, front corner	External panels and covers on page 497
RM1-0005-020CN	Multipurpose tray assembly	Multipurpose assembly on page 525
RM1-0011-060CN	Registration assembly	Internal components (1 of 5) on page 501
RM1-0011-060CN	Registration assembly	Registration assembly on page 523
RM1-0012-020CN	Roller, paper-feed assembly	Internal components (1 of 5) on page 501
RM1-0012-020CN	Paper-feed roller assembly	Paper-feed roller assembly on page 521
RM1-0025-040CN	Paper-feed assembly	Electrical/forward assembly on page 511
RM1-0034-070CN	Paper-pickup-drive assembly	Internal components (1 of 5) on page 501
RM1-0034-070CN	Paper-pickup-drive assembly	Paper-pickup-drive assembly on page 515
RM1-0036-000CN	Roller, paper-pickup (cassette)	Customer-replaceable components (print engine) on page 477
RM1-0036-000CN	Roller, paper-pickup (cassette)	Internal components (1 of 5) on page 501
RM1-0037-000CN	Roller, paper-feed (cassette)	Customer-replaceable components (print engine) on page 477
RM1-0037-020CN	Roller, paper-feed (cassette)	Internal components (1 of 5) on page 501
RM1-0041-020CN	Sensor assembly, paper size (SW102)	Internal components (5 of 5) on page 509

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
RM1-0043-020CN	Swing-plate assembly	Internal components (5 of 5) on page 509
RM1-0940-000CN	Output bin	Customer-replaceable components (print engine) on page 477
RM1-0940-000CN	Output-bin assembly	External panels and covers on page 497
RM1-0940-000CN	Paper delivery tray assembly	Stapler/stacker accessory on page 567
RM1-0940-000CN	Paper delivery tray assembly	3-bin mailbox accessory on page 569
RM1-0942-000	Front cover	Stapler/stacker accessory on page 567
RM1-0947-000CN	Jog guide assembly	Stapler/stacker accessory on page 567
RM1-0981-000CN	Jam-access door, 3-bin mailbox	3-bin mailbox accessory on page 569
RM1-0985-000CN	Front cover	3-bin mailbox accessory on page 569
RM1-1001-000CN	Cassette (tray 2, 3, 4 or 5)	Cassette on page 519
RM1-1010-000CN	Guide, paper sensing (PS101)	Internal components (1 of 5) on page 501
RM1-1011-000CN	Cassette rail assembly, left	Internal components (3 of 5) on page 505
RM1-1012-000CN	Cassette rail assembly, right	Internal components (3 of 5) on page 505
RM1-1013-000CN	Power supply, PFC (100–127 volt)	Internal components (5 of 5) on page 509
RM1-1014-000CN	Power supply, PFC (220–240 volt)	Internal components (5 of 5) on page 509
RM1-1016-000CN	Cover, right assembly	External panels and covers on page 497
RM1-1017-000CN	Cover, rear	External panels and covers on page 497
RM1-1018-000CN	Cover, duplexing-unit assembly	External panels and covers on page 497
RM1-1019-000CN	Reverse-separation guide assembly	Internal components (4 of 5) on page 507
RM1-1019-000CN	Reverse-separation-guide assembly	Reverse-separation-guide assembly on page 529
RM1-1022-000CN	Reverse assembly	Internal components (2 of 5) on page 503
RM1-1022-000CN	Reverse assembly	Reverse assembly on page 527

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
RM1-1027-000CN	Guide assembly, flat-flexible cable	Internal components (5 of 5) on page 509
RM1-1029-000CN	Lifter drive assembly	Internal components (3 of 5) on page 505
RM1-1029-000CN	Lifter-drive assembly	Lifter-drive assembly on page 517
RM1-1033-000CN	Cover, right lower assembly	External panels and covers on page 497
RM1-1041-000CN	Engine power supply assembly (100–127 volt)	Electrical/forward assembly on page 511
RM1-1042-000CN	Engine power supply assembly (220–240 volt)	Electrical/forward assembly on page 511
RM1-1043-000CN	Fuser, 110-volt, new	Customer-replaceable components (print engine) on page 477
RM1-1043-000CN	Fuser (100–127 volt)	Internal components (2 of 5) on page 503
RM1-1043-000CN	Fuser (100–127 volt)	Fuser on page 533
RM1-1044-000CN	Fuser, 220-volt, new	Customer-replaceable components (print engine) on page 477
RM1-1044-000CN	Fuser (220–240 volt)	Internal components (2 of 5) on page 503
RM1-1044-000CN	Fuser (220–240 volt)	Fuser on page 533
RM1-1045-000CN	Sensor assembly, right door	Internal components (2 of 5) on page 503
RM1-1046-000CN	Fuser entrance guide	Customer-replaceable components (print engine) on page 477
RM1-1046-000CN	Fuser entrance guide	Internal components (2 of 5) on page 503
RM1-1047-000CN	Delivery tray assembly	Customer-replaceable components (print engine) on page 477
RM1-1047-000CN	Delivery assembly	External panels and covers on page 497
RM1-1047-000CN	Delivery assembly	Delivery assembly on page 531
RM1-1049-000CN	Main drive assembly	Internal components (3 of 5) on page 505
RM1-1049-000CN	Main drive assembly	Main drive assembly on page 513
RM1-1100-000CN	Cover, front assembly	External panels and covers on page 497

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
RM1-1110-000CN	Roller assembly, transfer	Customer-replaceable components (print engine) on page 477
RM1-1110-000CN	Roller assembly, transfer	Internal components (2 of 5) on page 503
RM1-1123-000CN	Stapler/stacker driver board	Stapler/stacker accessory on page 567
RM1-1124-000CN	MBM driver board	3-bin mailbox accessory on page 569
RM1-1193-000CN	Cable, envelope-feeder connector	Internal components (2 of 5) on page 503
RM1-1354-000CN	DC controller PCA	Internal components (5 of 5) on page 509
RM1-1367-000CN	Cable, laser (print engine)	Internal components (1 of 5) on page 501
RM1-1368-000CN	Cable, output-bin full sensor	Internal components (4 of 5) on page 507
RM1-1370-000CN	Cable, optional 500-sheet feeder connection	Internal components (5 of 5) on page 509
RM1-1371-000CN	Cable, output device connection	Internal components (4 of 5) on page 507
RM1-1372-000CN	Cable, beam-detect to scanner (print engine)	Internal components (1 of 5) on page 501
RM1-1375-000CN	Cable, power	Internal components (5 of 5) on page 509
RM1-1376-000CN	Cable, fan docking (for DC-controller fan)	Internal components (5 of 5) on page 509
RM1-1379-000CN	Reverse-unit PCA	Reverse assembly on page 527
RM1-1380-000CN	Cable, reverse unit	Internal components (4 of 5) on page 507
RM1-1381-000CN	Cable, control panel	Internal components (4 of 5) on page 507
RM1-1397-000CN	Cable, door switch	Internal components (2 of 5) on page 503
RM1-1398-000CN	Cable, image scanner (print engine)	Internal components (1 of 5) on page 501
RM1-1400-000CN	Cable, duplexing-unit grounding	Electrical/forward assembly on page 511
RM1-1570-000CN	Sensor, reverse-unit (PS109)	Reverse assembly on page 527
RM1-1571-000CN	Sensor, reverse-unit jam (PS111)	Reverse assembly on page 527

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
RM1-1572-000CN	Multipurpose tray assembly	Internal components (3 of 5) on page 505
RM1-1572-000CN	Multipurpose assembly	Multipurpose assembly on page 525
RM1-1573-000CN	Laser/scanner assembly	Internal components (1 of 5) on page 501
RM1-1001-000CN	Cassette	Cassette on page 563
RS1-9004-020CN	Screw, stepped	Fuser on page 533
RU5-0045-020CN	Gear, 18T	Internal components (1 of 5) on page 501
RU5-0050-000CN	Gear, 30T (paper-feed roller assembly)	Paper-feed roller assembly on page 521
RU5-0253-000CN	Gear, 80T (cassette)	Cassette on page 519
RU5-0254-000CN	Gear, 14T (cassette)	Cassette on page 519
RU5-0256-000CN	Gear, 23T	Internal components (1 of 5) on page 501
RU5-2251-000CN	Spring, grounding	Internal components (3 of 5) on page 505
RU5-2265-000CN	Spring, compression	Internal components (5 of 5) on page 509
WC4-5139-000CN	Microswitch (SW101)	Internal components (2 of 5) on page 503
WG8-5624-000CN	Photointerrupter (PS107)	Internal components (1 of 5) on page 501
WS9-0255-000CN	Bolt, hex-head	Internal components (4 of 5) on page 507
XA9-0650-000CN	Screw, M3 x 8	Fuser on page 533
XA9-1420-000CN	Screw, with washer, M3 x 6	Electrical/forward assembly on page 511
XA9-1447-000CN	Screw, RS, M3 x 12	Internal components (1 of 5) on page 501
XA9-1449-000CN	Screw, RS, M3 x 8	Fuser on page 533
XA9-1464-000CN	Screw, flathead, RS, M3 x 6	Electrical/forward assembly on page 511
XA9-1495-000CN	Screw, RS, M3 x 6	Upper-plate assembly on page 499
XA9-1500-000CN	Screw, S, M3 x 8	Internal components (1 of 5) on page 501
XA9-1503-000CN	Screw, tapping, M3 x 6	Internal components (3 of 5) on page 505
XB2-7300-607CN	Screw, with washer, M3 x 6	Internal components (2 of 5) on page 503

Table 7-48 Numerical parts list (continued)

Part number	Description	Table and page
XB4-7300-809CN	Screw, tapping, truss-head, M3 x 8	Multipurpose assembly on page 525
XB4-7401-0007CN	Screw, tapping, pan-head, M4 x 10	External panels and covers on page 497
XB4-7401-605CN	Screw, tapping, truss-head, M4 x 16	Internal components (3 of 5) on page 505
XB6-7300-406CN	Screw, TP, M3 x 4	Reverse assembly on page 527
XD9-0132-020CN	E-ring (paper-feed roller assembly)	Paper-feed roller assembly on page 521

A Specifications

- [Physical specifications](#)
- [Electrical specifications](#)
- [Acoustic specifications](#)
- [Operating environment](#)

Physical specifications

Table A-1 Product dimensions

Product	Height	Depth	Width	Weight ¹
HP LaserJet M4345 MFP	545 mm (21.5 inches)	483 mm (19.0 inches)	762 mm (30.0 inches)	44.1kg (97.2 lb)
HP LaserJet M4345x MFP	667 mm (26.3 inches)	483 mm (19.0 inches)	762 mm (30.0 inches)	52.4 kg (115.5 lb)
HP LaserJet M4345xs MFP	111.0 cm (43.7 inches)	483 mm (19.0 inches)	914 mm (36.0 inches)	58.4 kg (128.7 lb)
HP LaserJet M4345xm MFP	111.0 cm (43.7 inches)	483 mm (19.0 inches)	914 mm (36.0 inches)	58.2 kg (128.3 lb)
Optional 500-sheet feeder	122 mm (4.8 inches)	483 mm (19.0 inches)	559 mm (22.0 inches)	8.3 kg (18.3 lb)
Optional cabinet	440 mm (17.3 inches)	762 mm (30.0 inches)	825.5 mm (32.5 inches)	41.8 kg (92.2 lb)
Optional stapler/stacker				6.0 kg (13.2 lb)
Optional 3-bin mailbox				5.8 kg (12.8 lb)
Optional Envelope feeder				2.5 kg (5.5 lb)
Optional duplexer				2.5 kg (5.5 lb)

¹ Without print cartridge

Table A-2 Product dimensions, with all doors and trays fully opened

Product	Height	Depth	Width
HP LaserJet M4345 MFP	889 mm (35.0 inches)	876 mm (34.5 inches)	142.2 cm (56.0 inches)
HP LaserJet M4345x MFP	101 cm (39.8 inches)	876 mm (34.5 inches)	142.2 cm (56.0 inches)
HP LaserJet M4345xs MFP	145 cm (57.0 inches)	117 cm (46.0 inches)	157.5 cm (62.0 inches)
HP LaserJet M4345xm MFP	145 cm (57.0 inches)	117 cm (46.0 inches)	157.5 cm (62.0 inches)

Electrical specifications



WARNING! Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This can damage the printer and void the product warranty.

Table A-3 Power requirements for the HP LaserJet M4345 Series MFP

Specification	110-volt models	230-volt models
Power requirements	110 to 127 volts (10%)	220 to 240volts (10%)
	50/60 Hz (2 Hz)	50/60 Hz (2 Hz)
Rated current	10.0 Amps	4.5 Amps

Table A-4 Power consumption for the HP LaserJet M4345 Series MFP (average, in watts)¹

Product model	Copying	Printing ²	Ready	Sleep	Off
HP LaserJet M4345 MFP	800 W	790 W ³	44 W	15 W	0.25 W
HP LaserJet M4345x MFP	800 W	790 W ³	49 W	15 W	0.25 W
HP LaserJet M4345xs MFP	800 W	790 W ³	49 W	15 W	0.25 W
HP LaserJet M4345xm MFP	800 W	790 W ³	49 W	15 W	0.25 W

¹ Values subject to change. See <http://www.hp.com/support/ljm4345mfp> for current information.

² Power numbers are the highest values measured using all standard voltages.

³ HP LaserJet M4345 Series MFP printing and copying speeds are 45 ppm Letter size and 43 ppm A4 size.

⁴ Default time from Ready mode to Sleep = 60 minutes.

⁵ Recovery time from Sleep to start of printing = less than 10 seconds.

⁶ Heat dissipation in Ready mode = 167 BTU/hour.

Acoustic specifications

Table A-5 Sound power and pressure level for the HP LaserJet M4345 Series MFP¹

Sound power level	Declared per ISO 9296
Printing ²	L_{WA_d} = 7.0 Bels (A) [70 dB(A)]
Copying	L_{WA_d} = 7.2 Bels (A) [72 dB(A)]
Ready	L_{pA_m} =33 dB (A)
Sound pressure level	Declared per ISO 9296
Printing ²	L_{pA_m} =55 dB (A)
Copying	L_{pA_m} =56 dB (A)
Ready	L_{pA_m} =33 dB (A)

¹ Values subject to change. See <http://www.hp.com/support/ljm4345mfp> for current information.

² HP LaserJet M4345 Series MFP speed is 43 ppm A4 size.

³ Configuration tested (HP LaserJet M4345 MFP): Base model, simplex printing with A4 paper size.

Operating environment

Table A-6 Necessary conditions

Environmental condition	Printing	Storage/standby
Temperature (printer and print cartridge)	15 to 32.5°C (59 to 89°F)	-20 to 40°C (-4 to 104°F)
Relative humidity	10% to 80%	10% to 90%

B Product warranty statements

Hewlett-Packard limited warranty statement

HP PRODUCT

HP LaserJet M4345 Series MFP

DURATION OF LIMITED WARRANTY

One-year limited warranty

HP warrants to you, the end-user customer, that HP hardware and accessories will be free from defects in materials and workmanship after the date of purchase, for the period specified above. If HP receives notice of such defects during the warranty period, HP will, at its option, either repair or replace products which prove to be defective. Replacement products may be either new or equivalent in performance to new.

HP warrants to you that HP software will not fail to execute its programming instructions after the date of purchase, for the period specified above, due to defects in material and workmanship when properly installed and used. If HP receives notice of such defects during the warranty period, HP will replace software which does not execute its programming instructions due to such defects.

HP does not warrant that the operation of HP products will be uninterrupted or error free. If HP is unable, within a reasonable time, to repair or replace any product to a condition as warranted, you will be entitled to a refund of the purchase price upon prompt return of the product.

HP products may contain remanufactured parts equivalent to new in performance or may have been subject to incidental use.

Warranty does not apply to defects resulting from (a) improper or inadequate maintenance or calibration, (b) software, interfacing, parts or supplies not supplied by HP, (c) unauthorized modification or misuse, (d) operation outside of the published environmental specifications for the product, or (e) improper site preparation or maintenance.

TO THE EXTENT ALLOWED BY LOCAL LAW, THE ABOVE WARRANTIES ARE EXCLUSIVE AND NO OTHER WARRANTY OR CONDITION, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED AND HP SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE. Some countries/regions, states or provinces do not allow limitations on the duration of an implied warranty, so the above limitation or exclusion might not apply to you. This warranty gives you specific legal rights and you might also have other rights that vary from country/region to country/region, state to state, or province to province. HP's limited warranty is valid in any country/region or locality where HP has a support presence for this product and where HP has marketed this product. The level of warranty service you receive may vary according to local standards. HP will not alter form, fit or function of the product to make it operate in a country/region for which it was never intended to function for legal or regulatory reasons.

TO THE EXTENT ALLOWED BY LOCAL LAW, THE REMEDIES IN THIS WARRANTY STATEMENT ARE YOUR SOLE AND EXCLUSIVE REMEDIES. EXCEPT AS INDICATED ABOVE, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR LOSS OF DATA OR FOR DIRECT, SPECIAL, INCIDENTAL,

CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. Some countries/regions, states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.

Customer Self Repair Warranty Service

HP products are designed with many Customer Self Repair (CSR) parts to minimize repair time and allow for greater flexibility in performing defective parts replacement. If during the diagnosis period, HP identifies that the repair can be accomplished by the use of a CSR part, HP will ship that part directly to you for replacement. There are two categories of CSR parts: 1) Parts for which customer self repair is mandatory. If you request HP to replace these parts, you will be charged for the travel and labor costs of this service. 2) Parts for which customer self repair is optional. These parts are also designed for Customer Self Repair. If, however, you require that HP replace them for you, this may be done at no additional charge under the type of warranty service designated for your product.

Based on availability and where geography permits, CSR parts will be shipped for next business day delivery. Same-day or four-hour delivery may be offered at an additional charge where geography permits. If assistance is required, you can call the HP Technical Support Center and a technician will help you over the phone. HP specifies in the materials shipped with a replacement CSR part whether a defective part must be returned to HP. In cases where it is required to return the defective part to HP, you must ship the defective part back to HP within a defined period of time, normally five (5) business days. The defective part must be returned with the associated documentation in the provided shipping material. Failure to return the defective part may result in HP billing you for the replacement. With a customer self repair, HP will pay all shipping and part return costs and determine the courier/carrier to be used.

HP Customer Care

Online Services

For 24-hour access to updated HP device-specific software, product information, and support information through an Internet connection, go to the Web site: <http://www.hp.com/support/ljm4345mfp>.

Go to www.hp.com/support/net_printing for information about the HP Jetdirect external print server.

HP Instant Support Professional Edition (ISPE) is a suite of Web-based troubleshooting tools for desktop computing and printing products. Go to instantsupport.hp.com.

Telephone support

HP provides free telephone support during the warranty period. For the telephone number for your country/region, see the flyer that shipped with the device, or visit www.hp.com/support/. Before calling HP, have the following information ready: the product name and serial number, the date of purchase, and a description of the problem.

Software utilities, drivers, and electronic information

http://www.hp.com/go/m4345_software

The Web page for the drivers is in English, but you can download the drivers themselves in several languages.

Fax accessory support

Go to <http://www.hp.com/go/faxaccessory300>.

HP direct ordering for accessories or supplies

- United States: www.hp.com/sbso/product/supplies.
- Canada: www.hp.ca/catalog/supplies
- Europe: www.hp.com/supplies
- Asia-Pacific: www.hp.com/paper/

To order genuine HP parts or accessories, go to the HP Parts Store at www.hp.com/buy/parts (U.S. and Canada only), or call 1-800-538-8787 (U.S.) or 1-800-387-3154 (Canada).

HP service information

To locate HP-Authorized Dealers, call 1-800-243-9816 (U.S.) or 1-800-387-3867 (Canada).

Outside the United States and Canada, call the customer support number for your country/region. See the flyer that shipped in the box with the device.

HP service agreements

Call 1-800-HPINVENT (1-800-474-6836 (U.S.)) or 1-800-268-1221 (Canada). Or, go to the HP SupportPack and Carepaq™ Services Web site at www.hpexpress-services.com/10467a.

For extended service, call 1-800-446-0522.

HP Toolbox FX

To check the device status and settings and view troubleshooting information and online documentation, use the HP Toolbox FX. You must have performed a full software installation in order to use the HP Toolbox FX. See [Open the HP Toolbox FX on page 85](#).

HP support and information for Macintosh computers

Go to www.hp.com/go/macosex for Macintosh OS X support information and HP subscription service for driver updates.

Go to www.hp.com/go/mac-connect for products that are designed specifically for the Macintosh user.

HP maintenance agreements

HP has several types of maintenance agreements that meet a wide range of support needs. Maintenance agreements are not part of the standard warranty. Support services may vary by area. Check with your local HP dealer to determine the services available to you.

On-site service agreements

To provide you with the level of support best suited to your needs, HP has on-site service agreements with a selection of response times.

Next-day on-site service

This agreement provides support by the next working day following a service request. Extended coverage hours and extended travel beyond HP's designated service zones are available on most on-site agreements (for additional charges).

Weekly (volume) on-site service

This agreement provides scheduled weekly on-site visits for organizations with many HP products. This agreement is designated for sites using 25 or more workstation products, including devices, plotters, computers, and disk drives.

Repacking the device

If HP Customer Care determines that your device needs to be returned to HP for repair, follow the steps below to repack the device before shipping it.



CAUTION Shipping damage as a result of inadequate packing is the customer's responsibility.

To repack the device

1. Remove and retain any DIMMs cards that you have purchased and installed in the device. Do not remove the DIMM that came with the device.



CAUTION Static electricity can damage DIMMs. When handling DIMMs, either wear an antistatic wrist strap, or frequently touch the surface of the DIMM antistatic package and then touch bare metal on the device. To remove the DIMMs, see [DIMM on page 243](#).

2. Remove and retain the print cartridge.



CAUTION It is *extremely important* to remove the print cartridge before shipping the device. A print cartridge that remains in the device during shipping will leak and entirely cover the device engine and other parts with toner.

To prevent damage to the print cartridge, avoid touching the roller on it, and store the print cartridge in its original packing material or so that it is not exposed to light.

3. Remove and retain the power cable, interface cable, and optional accessories.

4. If possible, include print samples and 50 to 100 sheets of paper or other print media that did not print correctly.
5. In the U.S., call HP Customer Care to request new packing material. In other areas, use the original packing material, if possible. Hewlett-Packard recommends insuring the equipment for shipment.

Extended warranty

HP Support provides coverage for the HP hardware product and all HP-supplied internal components. The hardware maintenance covers a 1- to 3-year period from date of the HP product purchase. The customer must purchase HP Support within the stated factory warranty. For more information, contact the HP Customer Care Service and Support group.

C Regulatory information

This section contains the following regulatory information:

- [FCC regulations](#)
- [Environmental product stewardship program](#)
- [Telecom statement](#)
- [Declaration of conformity](#)
- [Safety statements](#)

FCC regulations

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If this equipment is not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase separation between equipment and receiver.
- Connect equipment to an outlet on a circuit different from that to which the receiver is located.
- Consult your dealer or an experienced radio/TV technician.



NOTE Any changes or modifications to the printer that are not expressly approved by HP could void the user's authority to operate this equipment.

Use of a shielded interface cable is required to comply with the Class B limits of Part 15 of FCC rules.

Environmental product stewardship program

Protecting the environment

Hewlett-Packard Company is committed to providing quality products in an environmentally sound manner. This product has been designed with several attributes to minimize impacts on our environment.

Ozone production

This product generates no appreciable ozone gas (O₃).

Power consumption

Power usage drops significantly while in Ready and Sleep modes, which saves natural resources and saves money without affecting the high performance of this product. This product qualifies for ENERGY STAR® (Version 3.0), which is a voluntary program to encourage the development of energy-efficient office products.



ENERGY STAR® and the ENERGY STAR mark are U.S. registered marks. As an ENERGY STAR partner, Hewlett-Packard Company has determined that this product meets ENERGY STAR Guidelines for energy efficiency. For more information, see www.energystar.gov.

Toner consumption

Economode uses significantly less toner, which might extend the life of the print cartridge.

Paper use

This product's manual/optional automatic duplex feature (two-sided printing) and N-up printing (multiple pages printed on one page) capability can reduce paper usage and the resulting demands on natural resources.

Plastics

Plastic parts over 25 grams are marked according to international standards that enhance the ability to identify plastics for recycling purposes at the end of the product's life.

HP LaserJet print supplies

It's easy to return and recycle your empty HP LaserJet print cartridges—free of charge—with HP Planet Partners. HP is committed to providing inventive, high-quality products and services that are environmentally sound, from product design and manufacturing to distribution, operation and recycling processes. We ensure your returned HP LaserJet print cartridges are recycled properly, processing them to recover valuable plastics and metals for new products and diverting millions of tons of waste from landfills. Since this cartridge is being recycled and used in new materials, it will not be returned to you. Your empty HP LaserJet print cartridges are recycled responsibly when you participate in the HP Planet Partners program. Thank you for being environmentally responsible!

In many countries/regions, this product's printing supplies (for example, print cartridges) can be returned to HP through the HP Printing Supplies Returns and Recycling Program. An easy-to-use and free take back program is available in more than 35 countries/regions. Multilingual program information and instructions are included in every new HP LaserJet print cartridge and supplies package.

HP print supplies returns and recycling program information

Since 1992, HP has offered HP LaserJet supplies return and recycling free of charge. In 2004, HP Planet Partners for LaserJet Supplies was available in 85% of the world market where HP LaserJet supplies are sold. Postage-paid and pre-addressed labels are included within the instruction guide in most HP LaserJet print cartridge boxes. Labels and bulk boxes are also available through the Web site: www.hp.com/recycle.

Use the label to return empty, original HP LaserJet print cartridges only. Please do not use this label for non-HP cartridges, refilled or remanufactured cartridges, or warranty returns. Printing supplies or other objects inadvertently sent to the HP Planet Partners program cannot be returned.

More than 10 million HP LaserJet print cartridges were recycled globally in 2004 through the HP Planet Partners supplies recycling program. This record number represents 26 million pounds of print cartridge materials diverted from landfills. Worldwide, in 2004, HP recycled an average of 59% of the print cartridge by weight consisting primarily of plastic and metals. Plastics and metals are used to make new products such as HP products, plastic trays, and spools. The remaining materials are disposed of in an environmentally responsible manner.

- **U.S. returns.** For a more environmentally responsible return of used cartridges and supplies, HP encourages the use of bulk returns. Simply bundle two or more cartridges together and use the single, pre-paid, pre-addressed UPS label that is supplied in the package. For more information in the U.S., call 1-800-340-2445 or visit the HP Web site at www.hp.com/recycle.
- **Non-U.S. returns.** Non-U.S. customers should visit the www.hp.com/recycle Web site for further information regarding availability of the HP Supplies Returns and Recycling Program.

Paper

This product is capable of using recycled papers when the paper meets the guidelines outlined in the *HP LaserJet Printer Family Print Media Guide*. This product is suitable for the use of recycled paper according to EN12281:2002.

Material restrictions

This HP product does not contain added mercury.

This HP product contains a battery that might require special handling at end-of-life. The batteries contained in or supplied by Hewlett-Packard for this product include the following:

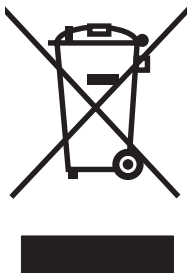
HP LaserJet M4345 device	
Type	Carbon monofluoride lithium battery BR1632
Weight	1.5 g
Location	On formatter board
User-removable	No



廢電池請回收

For recycling information, you can go to www.hp.com/recycle, or contact your local authorities or the Electronics Industries Alliance: www.eiae.org.

Disposal of waste equipment by users in private households in the European Union



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Material Safety Data Sheet (MSDS)

Material Safety Data Sheets (MSDS) for supplies containing chemical substances (for example, toner) can be obtained by contacting the HP Web site at www.hp.com/go/msds or www.hp.com/hpinfo/community/environment/productinfo/safety.

For more information

To obtain information about these environmental topics:

- Product environmental profile sheet for this and many related HP products
- HP's commitment to the environment
- HP's environmental management system
- HP's end-of-life product return and recycling program
- Material Safety Data Sheets

Visit <http://www.hp.com/go/environment> or <http://www.hp.com/hpinfo/community/environment/productinfo/safety>.

Telecom statement

The HP LaserJet M4345x, HP LaserJet M4345xs, and HP LaserJet M4345xm models have the HP LaserJet Analog Fax Accessory 300 already installed to provide communication to the public switch telephone network (PSTN) for fax functionality. See the *HP LaserJet Analog Fax Accessory 300 User Guide* for all regulatory approval information and regulatory notices associated with the fax functionality and that device.

Declaration of conformity

Declaration of Conformity

according to ISO/IEC Guide 22 and EN 45014

Manufacturer's Name: Hewlett-Packard Company
Manufacturer's Address: 11311 Chinden Boulevard,
Boise, Idaho 83714-1021, USA

declares, that the product

Product Name: HP LaserJet M4345 series

Regulatory Model Number³⁾: BOISB-0407-00 and BOISB-0407-01

Product Options: Including: CB425A, CB426A, CB427A, CB428A, BOISB-030800⁴
ALL

Toner Cartridges: Q5945A

conforms to the following Product Specifications:

Safety: IEC 60950-1:2001 / EN60950-1: 2001 +A11
IEC 60825-1:1993 +A1 +A2 / EN 60825-1:1994 +A1 +A2 (Class 1 Laser/LED Product)
GB4943-2001

EMC: CISPR 22:1993 +A1 +A2 / EN 55022:1994 +A1 +A2 -- Class B¹⁾
EN 61000-3-2:2000
EN 61000-3-3:1995 +A1
EN 55024:1998 +A1 +A2
FCC Title 47 CFR, Part 15 Class B²⁾ / ICES-003, Issue 4²⁾
GB9254-1998, GB17625.1-2003

Supplementary Information:

The product herewith complies with the requirements of the EMC Directive 89/336/EEC and the Low Voltage Directive 73/23/EEC, and carries the CE-Marking accordingly.

- 1) The product was tested in a typical configuration with Hewlett-Packard Personal Computer Systems.
- 2) This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- 3) For regulatory purposes, this product is assigned a Regulatory model number. This number should not be confused with the product name or the product number(s).
- 4) All worldwide modular approvals for analog fax accessory obtained by Hewlett-Packard under the regulatory model number BOISB-030800 incorporate the Multi-Tech Systems MT5634SMI Socket Modem Module.

Boise, Idaho , USA

March 29, 2006

For regulatory topics only:

Australia Contact: Product Regulations Manager, Hewlett-Packard Australia Ltd., 31-41 Joseph Street, Blackburn, Victoria 3130, Australia
European Contact: Your Local Hewlett-Packard Sales and Service Office or Hewlett-Packard GmbH, Department HQ-TRE / Standards Europe, Herrenberger Strasse 140, D-71034 Bblingen, Germany, (FAX: +49-7031-14-3143)
USA Contact: Product Regulations Manager, Hewlett-Packard Company, PO Box 15, Mail Stop 160, Boise, ID 83707-0015, USA, (Phone: 208-396-6000)

Safety statements

Laser safety

The Center for Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration has implemented regulations for laser products manufactured since August 1, 1976. Compliance is mandatory for products marketed in the United States. The device is certified as a “Class 1” laser product under the U.S. Department of Health and Human Services (DHHS) Radiation Performance Standard according to the Radiation Control for Health and Safety Act of 1968. Since radiation emitted inside the device is completely confined within protective housings and external covers, the laser beam cannot escape during any phase of normal user operation.



WARNING! Using controls, making adjustments, or performing procedures other than those specified in this user guide may result in exposure to hazardous radiation.

Canadian DOC regulations

Complies with Canadian EMC Class B requirements.

« Conforme à la classe B des normes canadiennes de compatibilité électromagnétiques. « CEM ». »

VCCI statement (Japan)

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。
取扱説明書に従って正しい取り扱いをして下さい。

Power cord statement (Japan)

製品には、同梱された電源コードをお使い下さい。
同梱された電源コードは、他の製品では使用出来ません。

EMI statement (Korea)

B급 기기 (가정용 정보통신기기)

이 기기는 가정용으로 전자파적합등록을 한 기기로서
주거지역에서는 물론 모든지역에서 사용할 수 있습니다.

Laser statement for Finland

Luokan 1 laserlaite

Klass 1 Laser Apparät

HP LaserJet M4345, HP LaserJet M4345x, HP LaserJet M4345xs, HP LaserJet M4345xm,
laserkirjoitin on käyttäjän kannalta turvallinen luokan 1 laserlaite. Normaalisissa käytössä kirjoittimen

suojakotelointi estää lasersäteen pääsyn laitteen ulkopuolelle. Laitteen turvallisuusluokka on määritetty standardin EN 60825-1 (1994) mukaisesti.

VAROITUS !

Laitteen käyttäminen muulla kuin käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

VARNING !

Om apparaten används på annat sätt än i bruksanvisning specificerats, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

HUOLTO

HP LaserJet M4345, HP LaserJet M4345x, HP LaserJet M4345xs, HP LaserJet M4345xm - kirjoittimen sisällä ei ole käyttäjän huollettavissa olevia kohteita. Laitteen saa avata ja huoltaa ainoastaan sen huoltamiseen koulutettu henkilö. Tällaiseksi huoltotoimenpiteeksi ei katsota väriainekasetin vaihtamista, paperiradan puhdistusta tai muita käyttäjän käsikirjassa lueteltuja, käyttäjän tehtäväksi tarkoitettuja ylläpitotoimia, jotka voidaan suorittaa ilman erikoistyökaluja.

VARO !

Mikäli kirjoittimen suojakotelo avataan, olet alttiina näkymättömälle lasersäteilylle laitteen ollessa toiminnassa. Älä katso säteeseen.

VARNING !

Om laserprinterns skyddshölje öppnas då apparaten är i funktion, utsättas användaren för osynlig laserstrålning. Betrakta ej strålen. Tiedot laitteessa käytettävän laseriodin säteilyominaisuuksista: Aallonpituus 775-795 nm Teho 5 m W Luokan 3B laser.

Index

Symbols/Numerics

3-bin mailbox
 capacity 5
 diagrams and part numbers 568
 jam detection 162
 jams, clearing 409
 media specifications 13
 media types supported 10
 operations 135, 160
 part number 7
 reattach error message 397
3-bin mailbox
 part number 475, 570, 592
500-sheet tray. *See* tray 3
500-sheet trays
 adding 7
 insert or close error message 394
 jam detection 151
 jams, clearing 406
 locking and unlocking 8
 media sizes supported 12
 operations 135, 154
 part numbers 7, 475, 579, 592
 rollers, replacing 236
 sensor tests 459
 sensors, diagrams 204
 tray 2 detection switch, removing 312
 tray 2 jam-access-cover switch, removing 265
 unexpected size or type error message 387

A

accessories
 locking and unlocking 8
 ordering 472
 part numbers 7

accounting hardware 42
acoustic specifications 605
activity log, fax 83
address books, e-mail clearing 79
address, device
 Macintosh, problem-solving 466
ADF
 assembly, removing 319
 capacity 4
 delivery guide (clear mylar sheet), replacing 231
 diagrams and part numbers 534
 front cover, removing 330
 hinge flap, replacing 239
 hinges, removing 337
 input tray 542
 input tray, replacing 227
 internal components 536
 jam detection 202
 jam-access cover, removing 334
 left-side cover, removing 332
 media specifications 14
 motors and fans 200
 motors, diagrams 215
 mylar replacement kit 554
 mylar-holder assembly 552
 output-bin extension, removing 327
 pickup-roller assembly 548
 rear cover, removing 331
 rollers, replacing 228
 sensors, diagrams 215
 sensors, removing 335
 separation pad, diagrams and part numbers 544

 separation pad, replacing 229
 white mylar-backing, removing 328
ADF output bin
 capacity 5
adhesive labels. *See* labels
Administration menu, control panel 50
Alert Settings window, HP Toolbox 86
alerts, e-mail 84, 92
antcounterfeit supplies 94
AppleTalk setting 41
AppleTalk settings 63
Attention light
 locating 48
authorized dealers 609
autoconfiguration, drivers 32
AUX connection 5
B
back cover, removing 251
batteries included 617
billing codes report, fax 83
bins
 capacities 5
 full sensor, removing 316
 jams, clearing 409
 operations 135
 reattach error message 397
 removing 233
bins, output
 paper curl, problem-solving 379
blank copies, problem-solving 437
blank pages
 problem-solving 380
blocked fax list, printing 83
blurred print, problem-solving 429
Bonjour Settings 92

- both sides, printing on
 - error
 - messages 387, 392, 394, 397
 - Macintosh settings 91
 - problem-solving 380
- browsers supported, HP
 - Toolbox 37
- buffer overflow errors 385
- buttons, control panel
 - locating 48
 - touchscreen 50
- C**
- cabinet/stand
 - locking and unlocking 8
 - part number 7, 475, 584, 592
- cables
 - part numbers 481, 585, 587
- calibrating
 - control panel 107
- calibrating scanner 77, 106
- call report, fax 83
- Canadian DOC regulations 621
- capacity
 - 3-bin mailbox 5, 13
 - 500-sheet tray 12
 - ADF 4, 14
 - envelope feeder 13
 - output bins 5
 - stacker 13
 - stapler 14
 - stapler/stacker 5
 - tray 1 11
- card stock
 - guidelines for using 17
- cartridges
 - authentication 94
 - genuine HP 93
 - management menu 60
 - non-HP 94
 - ordering through embedded
 - Web server 89
 - recycling 616
 - replacing 93
 - status, viewing with HP
 - Toolbox 85
 - storage 93
- cartridges, print
 - detection operations 127
 - drum rotation test 456
- EconoMode 115
- error messages 394
- image formation
 - operations 131
- jams, clearing 401
- memory 132
- part numbers 488, 576, 592
- replacing 224
- cartridges, staple
 - jams 416
 - part numbers 7, 475, 570, 588
- cassette diagrams and part
 - numbers 518
- characters, misformed 424
- checks 454
- chosen personality not
 - available 392
- circuit diagrams 373
- cleaning
 - about 98
 - document feeder delivery
 - system 96
 - document feeder rollers 98
 - exterior 95
 - lid backing 96
 - paper path 96
 - scanner glass 95
- clear mylar sheet, replacing 231
- clock
 - error message 383
 - setting 100
- cold reset 457
- components
 - ADF 536
 - diagrams 204
 - diagrams and part
 - numbers 500
 - testing 461
- configuration page
 - Information menu 51
 - Macintosh 91
 - printing 82
- connections
 - DC controller 368
 - scanner-controller PCA 370
- connectivity features 5
- contacting HP 609
- control panel
 - Administration menu 50
 - buttons 48
- calibrating 107
- cleaning page, printing 96
- connections diagram 368
- E-mail Setup menu 71
- Fax Setup menu 68
- help 50
- Home screen 49
- Information menu 51
- Initial Setup menu 60
- jam messages 400
- lights 48
- locking menus 44
- Management menu 59
- messages, alphabetical list 383
- messages, numerical list 383
- messages, types of 382
- overlays, part numbers 483
- overlays, replacing 224
- replacing 225
- Resets menu 79
- Send Setup menu 71
- Service menu 80
- settings 33
- Time/Scheduling menu 58
- touchscreen buttons 50
- Copitrak devices 42
- copying
 - error messages 398
 - features 4
 - media, problem-solving 435
 - problem-solving 437
 - problems, preventing 434
 - quality, problem-solving 434
 - size, problem-solving 437
- counterfeit supplies 94
- Courier font, problem-solving 470
- covers
 - ADF front, removing 330
 - ADF jam-access, removing 334
 - ADF left-side, removing 332
 - ADF rear, removing 331
 - back, removing 251
 - diagrams and part
 - numbers 496
 - front support, removing 269
 - front, removing 247
 - scanner 560

- top-cover flatbed flange, removing 246
 - top-cover switch (SW101), removing 290
 - CPU, formatter 115
 - creased paper, problem-solving 426
 - crooked pages 425
 - curled paper, problem-solving 425, 435
 - curly paper, problem-solving 379
 - custom-size paper
 - 3-bin mailbox specifications 13
 - 500-sheet tray specifications 12
 - tray 1 specifications 11
 - customer support
 - embedded Web server links 89
 - HP Printer Utility pages 91
 - Linux 469
 - online 609
 - repacking device 611
- D**
- dark copying 435
 - Data light
 - locating 48
 - date, setting 59, 100
 - DC controller
 - connections, diagrams 368
 - operations 117
 - removing 280
 - DC controller fan (FN104), removing 284
 - declaration of conformity 620
 - default settings
 - Resets menu 79
 - delay, sleep 101
 - delivery assembly, diagrams and part numbers 530
 - delivery guide, replacing ADF 231
 - density
 - problem-solving 419
 - settings 91
 - Device List, HP Toolbox 85
 - Device Status, HP Toolbox 86
 - diagnostics
 - networks 64
 - diagrams
 - ADF 534
 - ADF components 215
 - cassette 518
 - circuit 373
 - covers 496
 - DC controller connections 368
 - delivery assembly 530
 - electrical/forward assembly 510
 - fuser 532
 - internal components 500
 - lifter-drive assembly 516
 - main drive assembly 512
 - motors and fans 208
 - multipurpose assembly 524
 - paper-feed roller assembly 520
 - paper-pickup-drive assembly 514
 - registration assembly 522
 - reverse assembly 526
 - reverse-separation-guide assembly 528
 - sensors and switches 204
 - timing 371
 - upper-plate assembly 498
 - digital faxing 29
 - digital sending
 - error messages 394, 398
 - Setup menu 71
 - validating gateway addresses 441
 - DIMMs
 - part numbers 486, 570, 592
 - removing 243
 - disabling
 - Embedded Jetdirect 108
 - Disk Erase feature 43
 - disposal, end-of-life 617
 - DLC/LLC settings 63
 - Document feeder
 - cleaning delivery system 96
 - error messages 393
 - jams, clearing 413
 - jams, frequent 414
 - documentation, part numbers 490
 - dots, problem-solving 420, 428, 435
 - double-sided printing
 - error
 - messages 387, 392, 394, 397
 - Macintosh settings 91
 - problem-solving 380
 - downloading software 30
 - dpi, settings 91
 - drivers
 - Macintosh, problem-solving 466
 - preconfiguration 33
 - settings 33, 34
 - universal 32
 - Update Now 33
 - dropouts, problem-solving 420
 - drum rotation test 456
 - DSS authentication 44
 - duplex printing accessory
 - connections diagram 368
 - diagrams and part numbers 564
 - error
 - messages 387, 392, 394, 397
 - jam detection 158
 - jams 408
 - media specifications 12
 - media types supported 10
 - operations 157
 - part number 7, 475, 574, 592
 - replacing 234
 - duplexer
 - Macintosh settings 91
 - problem-solving 380
- E**
- e-mail
 - error messages 394, 398
 - e-mail alerts 84, 92
 - E-mail Setup menu 71
 - Easy Printer Care software 37
 - EconoMode 115
 - EIO accessory
 - disabling 108
 - settings 61
 - EIO cards
 - buffer overflow 385
 - errors 392
 - part numbers 481, 576, 590
 - electrical forward assembly, diagrams and part numbers 510
 - electrical specifications 604
 - Embedded Jetdirect
 - disabling 108
 - embedded Web server
 - password 42

- end-of-life disposal 617
 - energy specifications 604
 - engine control system 117
 - engine power supply
 - connections diagram 368
 - diagrams and part numbers 511, 574, 598
 - removing 306
 - engine test 454
 - envelope feeder
 - connections diagram 368
 - envelope specifications 13
 - error messages 392
 - jams, clearing 403
 - load error message 395
 - media types supported 10
 - part number 7, 475, 574, 592
 - envelopes
 - margins 16
 - specifications 11, 15
 - storing 16
 - wrinkled, problem-solving 426
 - environment for device
 - problem-solving 418
 - environment for printer
 - specifications 606
 - environmental stewardship
 - program 615
 - EPS files, problem-solving 467
 - Equitrac devices 42
 - erasing hard disk 43
 - Error button, control panel
 - touchscreen 50
 - error messages
 - Alert Settings, HP Toolbox 86
 - alphabetical list 383
 - e-mail alerts 84, 92
 - jams 400
 - numerical list 383
 - types of 382
 - Ethernet cards 5
 - Ethernet cards, part
 - numbers 481, 576, 590
 - European Union, waste disposal 617
 - extended warranty 612
 - e-mail
 - validating gateway addresses 441
- F**
- fans
 - connections diagram 368
 - DC controller (FN104), removing 284
 - diagrams 208
 - main (FN 101), removing 258
 - operations 119
 - print-cartridge (FN102), removing 285
 - reversing-unit (FN103), removing 258
 - scanner 200
 - fasteners, types used 222, 473
 - fax accessory
 - connecting phone line 28
 - light status 367
 - NVRAM initialization 457
 - part number 7, 475, 576, 592
 - printing schedule 59
 - removing 244
 - user guide 28
 - Fax Activity Log
 - clearing 79
 - fax reports, printing 52, 83
 - Fax Setup menu 68
 - faxes
 - receiving, problem-solving 439
 - sending, problem-solving 438
 - faxing, digital 29
 - feed rollers, replacing ADF 228
 - feed-roller assembly,
 - removing 278
 - feeding operations 135
 - feeding problems, media 436
 - file directory, printing 83
 - File Upload, Macintosh 91
 - Find Other Printers window, HP Toolbox 86
 - Finnish laser safety statement 621
 - firmware
 - upgrading 102
 - Firmware Update, Macintosh 91
 - firmware-stack trace 464
 - fonts
 - EPS files, problem-solving 467
 - included 3
 - list, printing 52, 83
 - problem-solving 470
 - Upload Macintosh 91
- Foreign Interface Harness (FIH)**
- locating 27
 - using 42
- formatter**
- connections diagram 368
 - lights 366
 - locking 45
 - operations 114
 - removing 240
 - service ID 462
 - testing 455
- fraud hotline 94
- front cover, removing 247
- front-cover support, removing 269
- fuser**
- connections diagram 368
 - diagrams and part numbers 503, 532, 575, 598
 - error messages 388
 - image formation
 - operations 131
 - jams, clearing 410
 - paper wrapping errors 396
 - removing 235
- fuser modes 18
- fuser-control circuit 121
- fuser-entrance guide,
 - removing 235
- fuses, overcurrent/overvoltage protection 127
- G**
- gateways**
- error messages 394
 - validating addresses 441
- General Protection FaultException OE 465
- glass**
- cleaning 95
- graphical display, control panel 48
- gray background, problem-solving 421
- H**
- half self-test 455
- hard disk**
- erasing 43
 - initialization 458
 - replacing 242
- heartbeat LED 366

- heavy media, guidelines for using 17
 - Help button, control panel touchscreen 50
 - help, control panel 50
 - high-voltage power supply operations 124
 - Home button, control panel touchscreen 50
 - Home screen, control panel 49
 - HP Customer Care 609
 - HP Driver Preconfiguration 33
 - HP Easy Printer Care software 37
 - HP fraud hotline 94
 - HP Instant Support Professional Edition (ISPE) 609
 - HP Jetdirect print server
 - configuring 41
 - error messages 392
 - settings 61
 - HP Jetdirect print servers
 - firmware updates 105
 - firmware-stack trace 464
 - lights 366
 - part numbers 481, 576, 590
 - troubleshooting 463
 - HP Printer Utility 91
 - HP Printer Utility, Macintosh 35
 - HP SupportPack 612
 - HP Toolbox
 - browsers supported 37
 - opening 85
 - options 85
 - HP Universal Print Driver 32
 - HP Web Jetadmin
 - firmware updates 104
 - HP-Authorized Dealers 609
 - humidity
 - problem-solving 418
 - specifications 606
- I**
- I/O configuration
 - network configuration 38
 - settings 60
 - Illegal Operation errors 465
 - image defects, problem-solving 419
 - image formation
 - operations 131
 - troubleshooting 455
 - image quality
 - copy, improving 434
 - copy, problem-solving 434
 - print, problem-solving 418
 - image repetition, problem-solving 429
 - Information menu 51
 - information pages 82
 - Information tab, embedded Web server 87
 - Initial Setup menu 60
 - input trays. *See* trays
 - insert tray error messages 394
 - install cartridge error message 394
 - installation
 - checklist 24
 - installers, Windows 37
 - Instant Support Professional Edition (ISPE) 609
 - insufficient memory 385, 395
 - interface ports
 - included 5
 - locating 27
 - internal clock errors 383
 - internal components, diagrams
 - and part numbers 500
 - Internet fax 29
 - IP address
 - changing 38
 - Macintosh, problem-solving 466
 - IPX/SPX setting 40, 63
- J**
- jams
 - 3-bin mailbox 409
 - 3-bin mailbox, detection 162
 - 500-sheet trays 406
 - ADF access cover, removing 334
 - ADF, detection 202
 - common causes of 399
 - control-panel messages 400
 - detection operations 151
 - Document feeder 413
 - duplex detection 158
 - duplex printing accessory 408
 - e-mail alerts 84
 - envelope feeder 403
 - frequent, troubleshooting 414
 - fuser 410
 - locations 400
 - output bin 409
 - print quality after 418
 - print-cartridge area 401
 - print-quality problems 401
 - staple 416
 - stapler/stacker 409
 - top-cover 401
 - tray 1 405
 - tray 2 access-cover switch, removing 265
- Japanese VCCI statement 621
- Jetadmin
 - firmware updates 104
- Jetadmin, HP Web 36, 90
- Jetdirect print server
 - configuring 41
 - error messages 392
 - settings 61
- Jetdirect print servers
 - firmware updates 105
 - firmware-stack trace 464
 - lights 366
 - part numbers 481, 576, 590
 - troubleshooting 463
- job storage
 - settings 60
- jobs
 - Macintosh settings 91
- K**
- Kensington locks 45
 - keys, control panel
 - locating 48
 - touchscreen 50
 - Korean EMI statement 621
- L**
- labels
 - specifications 16
 - LAN fax 29
 - LAN-connector 5
 - language, changing 109
 - languages, printer 3
 - laser safety statements 621

- laser/scanner assembly
 - connections diagram 368
 - diagrams and part numbers 501, 578, 600
 - operations 128
 - removing 315
 - LDAP servers
 - validating gateway addresses 441
 - legal paper
 - clipped margins 470
 - letterhead
 - guidelines for using 17
 - lid, cleaning 96
 - lifter-drive assembly
 - diagrams and part numbers 516
 - removing 298
 - light copying 435
 - light print
 - problem-solving 419
 - lights
 - control panel 48
 - fax accessory 367
 - formatter 366
 - lines, problem-solving
 - copies 435
 - link speed settings 66
 - Linux drivers 469
 - loading
 - error messages 395
 - unexpected size or type error message 387
 - Lock Resources, Macintosh 91
 - locking
 - accessories 8
 - control panel menus 44
 - formatter cage 45
 - loopback test 442
 - loose toner, problem-solving 423
 - loose toner, troubleshooting 401
 - low-voltage power supply
 - operations 125
- M**
- Macintosh
 - AppleTalk settings 63
 - driver settings 34
 - drivers, problem-solving 466
 - HP Printer Utility 91
 - problems, solving 466
 - removing software 35
 - software 35
 - software components 37
 - support 610
 - supported operating systems 31
 - USB card, problem-solving 467
 - mailbox, 3-bin
 - capacity 5
 - diagrams and part numbers 568
 - jam detection 162
 - jams, clearing 409
 - media specifications 13
 - media types supported 10
 - operations 135, 160
 - part numbers 7
 - reattach error message 397
 - mailbox, 3-bin
 - part number 475, 570, 592
 - main drive assembly, diagrams and part numbers 512
 - main fan (FN101), removing 258
 - main motor (M101), removing 283
 - maintenance agreements 611
 - maintenance kit
 - part number 488, 580, 592
 - Management menu 59
 - manuals, part numbers 490
 - margins
 - legal paper, problem-solving 470
 - margins, envelopes 16
 - material restrictions 617
 - Material Safety Data Sheet (MSDS) 618
 - media
 - 3-bin mailbox specifications 13
 - 500-sheet tray
 - specifications 12
 - ADF specifications 14
 - card stock 17
 - curled 379, 425, 435
 - duplexer specifications 12
 - envelope feeder
 - specifications 13
 - feeding operations 135
 - fuser modes 18
 - heavy 17
 - legal, clipped margins 470
 - letterhead 17
 - preprinted forms 17
 - problem-solving 418, 435
 - problem-solving trays 379
 - skewed 425
 - specifications 14
 - stacker specifications 13
 - stapler specifications 14
 - tray 1 specifications 11
 - types supported 10
 - wrinkled 426
- memory
 - autoconfiguration 32
 - formatter 115
 - included 35
 - insufficient 385, 395
 - NVRAM initialization 457
 - part numbers 486, 570, 592
 - permanent storage error
 - messages 391
 - print cartridges 132
 - removing DIMMs 243
 - supply errors 383
- Memory Enhancement technology (MEt) 116
- Menu button 48
- menu map
 - Information menu 51
 - printing 82
- menus, control panel
 - Administration 50
 - E-mail Setup 71
 - Fax Setup 68
 - Information 51
 - Initial Setup 60
 - locking 44
 - Management 59
 - Resets 79
 - Send Setup 71
 - Service 80
 - Time/Scheduling 58
- mercury-free product 617
- messages
 - Alert Settings, HP Toolbox 86
 - alphabetical list 383
 - e-mail alerts 84, 92
 - jams 400
 - numerical list 383
 - types of 382

- misformed characters, problem-solving 424
 - motors
 - ADF 215
 - connections diagram 368
 - diagrams 208
 - main (M101), removing 283
 - operations 119
 - print-cartridge (M102), removing 287
 - scanner 200
 - multifeeds 436
 - multipurpose assembly
 - diagrams and part numbers 524
 - multipurpose tray. *See* tray 1
 - mylar replacement kit, ADF 554
 - mylar-holder assembly, ADF 552
- N**
- Networking tab, embedded Web server 89
 - networks
 - AppleTalk settings 63
 - configuring 38
 - connectivity features 5
 - default gateway 39
 - diagnostics 64
 - disabling DLC/LLC 41
 - disabling protocols 40
 - DLC/LLC settings 63
 - firmware-stack trace 464
 - HP Jetdirect print server error messages 392
 - HP Web Jetadmin 90
 - IP address 38
 - IPX/SPX settings 63
 - link speed settings 66
 - Macintosh settings 92
 - problem-solving printing 433
 - protocol configuration page, printing 67
 - security 64
 - subnet mask 39
 - TCP/IP parameters 38
 - TCP/IP settings 61
 - troubleshooting HP Jetdirect print servers 463
 - troubleshooting printing 442
 - validating gateway addresses 441
 - next-day on-site service 611
 - noise specifications 605
 - non-HP supplies 94
 - not responding, problem-solving 381
 - NVRAM
 - initialization 457
 - operations 116
 - NVRAM errors 391
- O**
- on-site service agreements 611
 - online help, control panel 50
 - online support 609
 - operating environment specifications 606
 - operating systems supported 31
 - operations
 - 3-bin mailbox 160
 - ADF jam detection 202
 - duplex printing accessory 157
 - engine control system 117
 - formatter 114
 - image formation 131
 - jam detection 151
 - laser/scanner system 128
 - motors and fans 119
 - pickup, feed, and delivery 135
 - power supply 120
 - Resolution Enhancement technology (REt) 114
 - scanner system 198
 - sequence of 112
 - Sleep mode 114
 - temperature detection 120
 - optical unit
 - operations 200
 - ordering
 - supplies and accessories 472
 - supplies through embedded Web server 89
 - supplies with HP Toolbox 85
 - output bins
 - capacities 5
 - jams, clearing 409
 - operations 135
 - output path open error message 396
 - output quality
 - after jams 401
 - copy, improving 434
 - copy, problem-solving 434
 - print, problem-solving 418
 - output-bin-full sensor, removing 316
 - over-temperature protection 122
 - overcurrent/overvoltage protection 127
 - overlays, control panel
 - part numbers 483
 - replacing 224
- P**
- packaging device 611
 - paper
 - 3-bin mailbox specifications 13
 - 500-sheet tray
 - specifications 12
 - ADF specifications 14
 - curled 379, 425, 435
 - duplexer specifications 12
 - feeding operations 135
 - fuser modes 18
 - legal, clipped margins 470
 - problem-solving 418, 435
 - problem-solving trays 379
 - skewed 425
 - specifications 14
 - stacker specifications 13
 - stapler specifications 14
 - tray 1 specifications 11
 - types supported 10
 - wrinkled 426
 - paper path
 - cleaning 96
 - testing 415
 - paper-feed assembly, removing 311
 - paper-feed roller assembly, diagrams and part numbers 520
 - paper-path-sensor test 459
 - paper-pickup-drive assembly, diagrams and part numbers 514
 - reattach error message 397
 - removing 233

- paper-pickup-drive assembly, removing 295
- paper-present sensor(PS101), removing 314
- paper-size-detection switch (SW102), removing 313
- parallel port
 - features 5
 - locating 27
- part numbers
 - ADF 534
 - cables 481, 576, 590
 - cassette 518
 - covers 496
 - customer-replaceable parts 476, 478
 - delivery assembly 530
 - EIO cards 481, 576, 590
 - electrical/forward assembly 510
 - fuser 532
 - internal components 500
 - lifter-drive assembly 516
 - main drive assembly 512
 - maintenance kit 488, 580, 592
 - memory 486, 570, 592
 - multipurpose assembly 524
 - paper-feed roller assembly 520
 - paper-pickup-drive assembly 514
 - print cartridges 488, 576, 592
 - registration assembly 522
 - reverse assembly 526
 - reverse-separation-guide assembly 528
 - trays 475, 579, 592
 - upper-plate assembly 498
- parts
 - replacing 221, 472
- password, embedded Web server 42
- PCL drivers
 - universal 32
- permanent storage errors 391
- PFC (power-factor-correction) power supply, removing 301
- phone cords, part
 - numbers 481, 579, 587
- phone line, connecting fax accessory 28
- photosensitive drum rotation test 456
- pickup and feed operations 135
- pickup roller, replacing tray 1 237
- pickup rollers, replacing ADF 228
- pickup-roller assembly, ADF 548
- ping test 443
- PJL (printer job language) 116
- PML (printer management language) 116
- ports
 - included 5
 - locating 27
 - problem-solving Macintosh 467
- PostScript
 - problem-solving 470
- PostScript Printer Description (PPD) files
 - included 35
- power
 - specifications 604
 - troubleshooting 364
- power cords, part
 - numbers 481, 581, 587
- power supply
 - connections diagram 368
 - engine, removing 306
 - operations 120
 - overcurrent/overvoltage protection 127
- power-factor-correction (PFC) power supply, removing 301
- PPDs
 - included 35
- preconfiguration, driver 33
- preprinted forms
 - guidelines for using 17
- pressure roller operations 131
- preventative maintenance kit
 - part number 488, 580, 592
- print cartridges
 - authentication 94
 - detection operations 127
 - drum rotation test 456
 - EconoMode 115
 - error messages 394
 - genuine HP 93
 - image formation operations 131
 - jams, clearing 401
- management menu 60
- memory 132
- non-HP 94
- ordering through embedded Web server 89
- part numbers 488, 576, 592
- recycling 616
- replacing 93, 224
- status, viewing with HP Toolbox 85
- storage 93
- print quality
 - after jams 401
 - blurred 429
 - dropouts 420
 - environment 418
 - gray background 421
 - image defects 419
 - jams, after 418
 - light print 419
 - lines 421
 - loose toner 423
 - media 418
 - misformed characters 424
 - problem-solving 418
 - repeating defects 423
 - repetitive images 429
 - scattered lines 428
 - smearred toner 422
 - specks 420
 - tire tracks 427
 - white lines 427
 - white spots 428
- print-cartridge fan (FN102), removing 285
- print-cartridge motor (M102), removing 287
- printer
 - dimensions 22
- printer drivers. See drivers
- printer job language (PJL) 116
- printer languages 3
- printer maintenance kit
 - part number 488, 580, 592
- printer management language (PML) 116
- printer sequence of operations 112
- printing system software 30
- priority, settings 33

- problem-solving
 - blank pages 380
 - blurred print 429
 - copy quality 434
 - copy size 437
 - copying 434, 437
 - curled paper 379, 425
 - dropouts 420
 - duplexing 380
 - e-mail alerts 84, 92
 - environment 418
 - EPS files 467
 - Error button, control panel
 - touchscreen 50
 - fonts 470
 - gateway addresses 441
 - gray background 421
 - image defects 419
 - legal paper 470
 - light print 419
 - lines 421, 427
 - lines, copies 435
 - Linux 469
 - Macintosh issues 466
 - media 418, 435
 - messages, types of 382
 - network printing 433
 - networks 64
 - output quality 418
 - PostScript problems 470
 - printing 381
 - receiving faxes 439
 - repeating defects 423
 - repetitive images 429
 - scattered lines 428
 - sending faxes 438
 - skewed pages 425
 - slow printing 380
 - smeared toner 422
 - specks 420
 - text 380
 - text quality 424, 429
 - tire tracks 427
 - trays 379
 - white spots 428
 - Windows issues 465
 - wrinkled paper 426
- processor specifications 115
- protocol configuration page,
 - printing 67

Q

- quality
 - after jams 401
 - copy, improving 434
 - copy, problem-solving 434
 - print, problem-solving 418

R

- Ready light
 - locating 48
- reattach output bin error
 - message 397
- receiving faxes
 - problem-solving 439
- recycling 616
- registration assembly, diagrams
 - and part numbers 522
- registration assembly,
 - removing 292
- remote firmware update
 - (RFU) 102
- removing Macintosh software 35
- removing parts 221
- repacking device 611
- repeating defects, problem-
 - solving 423, 429
- repetitive defect ruler 431
- replacing parts 221
- replacing printing cartridges 93
- reset button 48
- reset, cold 457
- Resets menu, control panel 79
- resolution
 - operations 114
 - problem-solving quality 418
 - settings 91
- Resolution Enhancement
 - technology (REt) 91, 114
- REt (Resolution Enhancement
 - technology) 91
- reverse assembly, diagrams and
 - part numbers 526
- reverse-separation-guide
 - assembly, diagrams and part
 - numbers 528
- reversing assembly
 - operations 148
 - removing 254
- reversing-separation-guide
 - assembly, removing 253

- reversing-unit fan (FN103),
 - removing 258
- rollers
 - 500-sheet trays, replacing 236
 - ADF pickup assembly 548
 - ADF, replacing 228
 - cleaning document feeder 98
 - feed assembly, removing 278
 - image formation
 - operations 131
 - paper-feed assembly,
 - diagrams and part
 - numbers 520
 - repetitive defect ruler 431
 - transfer, replacing 226
 - tray 1 pickup, replacing 237

S

- safety statements 621
- scanner
 - operations 198
 - sequence of operations 113
- scanner assembly, removing 321
- scanner calibration 77, 106
- scanner diagrams and part
 - numbers
 - base components 556
 - covers 560
 - flatbed-unit assembly 558
- scanner errors 386
- scanner filter, replacing 238
- scanner glass
 - cleaning 95
- scanner lid backing, cleaning 96
- scanner tests 460
- scanner-controller PCA
 - connections, diagrams 370
- scanner-controller PCA,
 - removing 326
- scanning e-mail
 - validating gateway
 - addresses 441
- scanning to e-mail
 - error messages 394, 398
- screwdrivers, required 221
- screws, types used 222, 473
- Secure Disk Erase 43
- security
 - disk erase 43
 - features 42

- Foreign Interface Harness (FIH) 42
- locking control panel menus 44
- locking formatter cage 45
- settings 64
- security features 5
- Send Setup menu 71
- sending faxes
 - problem-solving 438
- sending to e-mail
 - error messages 394, 398
- sending to e-mail
 - validating gateway addresses 441
- sensors
 - 3-bin mailbox jam
 - detection 162
 - ADF diagrams 215
 - ADF jam detection 202
 - ADF, removing 335
 - connections diagram 368
 - diagrams 204
 - duplex jam detection 158
 - fuser-control circuits 121
 - jam detection 151
 - manual test 459
 - media-detection 135
 - output-bin-full, removing 316
 - paper-path, testing 459
 - paper-present sensor(PS101), removing 314
 - scanner, testing 460
 - temperature detection 120
 - thermistor (TH3), removing 263
- separation pad, ADF
 - diagrams and part numbers 544
 - replacing 229
- sequence of operations 112
- service
 - HP-Authorized Dealers 609
 - repacking device 611
- service agreements 611
- service ID 462
- Service menu, control panel 80
- settings
 - cold reset 457
 - drivers 34
 - priority 33
- Settings tab, embedded Web server 88
- setup
 - checklist 24
- shipping device 611
- site preparation 22
- size, copy
 - problem-solving 437
- size, media
 - 3-bin mailbox specifications 13
 - 500-sheet tray
 - specifications 12
 - ADF specifications 14
 - duplexer specifications 12
 - envelope feeder
 - specifications 13
 - stacker specifications 13
 - stapler specifications 14
 - tray 1 specifications 11
 - unexpected, error message 387
- skew
 - prevention operations 145
- skewed pages 425
- Sleep button 48
- Sleep mode
 - settings 59, 60
- sleep settings
 - delay 101
 - operations 114
 - power specifications 604
 - wake time 101
- slow printing, problem-solving 380
- slow speed, problem-solving
 - fax receiving 439
- smearred toner, problem-solving 422
- SMTP servers
 - validating gateway addresses 441
- software
 - embedded Web server 36
 - HP Easy Printer Care 37
 - HP Printer Utility 91
 - HP Toolbox 85
 - HP Web Jetadmin 36
 - Macintosh 35, 37
 - settings 33
 - supported operating systems 31
 - uninstalling Macintosh 35
 - Web sites 30
 - Windows 37
- solenoids, diagrams 204
- space requirements 22
- specifications
 - acoustic 605
 - electrical 604
 - envelopes 15
 - labels 16
 - operating environment 606
 - paper 14
 - transparencies 16
- specifications, media
 - envelope feeder 13
- specks, problem-solving 420, 428
- speed
 - fax receiving, problem-solving 439
 - problem-solving 380
 - troubleshooting 359
- speed dial list, printing 83
- Spool32 errors 465
- spots, problem-solving 420, 428
- standard output bin
 - capacity 5
 - jams, clearing 409
 - operations 135
 - reattach error message 397
- staple cartridges
 - jams 416
 - part numbers 7, 475, 570, 588
- stapler/stacker
 - capacity 5
 - diagrams and part numbers 566
 - media specifications 13, 14
 - media types supported 10
 - operations 135
 - paper jams 409
 - part number 7, 475, 570, 592
 - reattach error message 397
 - staple jams 416
 - too many pages error message 397
- Start button 48
- Start button, control panel
 - touchscreen 50
- status
 - e-mail alerts 84

- embedded Web server 87
 - Home screen, control panel 49
 - HP Printer Utility, Macintosh 91
 - HP Toolbox software 85
 - messages, types of 382
- Status button 48
- Stop button 48
- Stop button, control panel touchscreen 50
- storage cabinet
 - locking and unlocking 8
 - part number 7, 475, 584, 592
- storage, job
 - Macintosh settings 91
 - settings 60
- storing
 - envelopes 16
 - print cartridges 93
- streaks, problem-solving 435
- subnet mask 39
- supplies
 - authentication 94
 - counterfeit 94
 - e-mail alerts 84
 - management menu 60
 - memory errors 383
 - non-HP 94
 - ordering 472
 - ordering through embedded Web server 89
 - ordering with HP Toolbox 85
 - part
 - numbers 7, 475, 488, 570, 576, 588, 592
 - recycling 616
 - replacing print cartridges 93
 - Resets menu 79
 - status page, printing 82
 - status, viewing with embedded Web server 87
 - status, viewing with HP Printer Utility 91
 - status, viewing with HP Toolbox 85
- support
 - embedded Web server links 89
 - HP Printer Utility pages 91
 - Linux 469
 - online 609
 - repacking device 611
- Support tab, HP Toolbox 85
- SupportPack, HP 612
- switches
 - connections diagram 368
 - diagrams 204
 - paper-size-detection (SW102), removing 313
 - testing 459
 - top-cover (SW101), removing 290
 - tray 2 detection, removing 312
 - tray 2 jam-access-cover (SW105), removing 265
- T**
- TCP/IP settings 61
- technical support
 - Linux 469
 - online 609
 - repacking device 611
- temperature
 - detection sensor 120
 - fuser-control circuits 121
 - thermistor (TH3), removing 263
- temperature specifications 606
- tests
 - component 461
 - drum rotation 456
 - engine 454
 - firmware-stack trace 464
 - formatter 455
 - half self 455
 - networks 64
 - paper-path-sensor 459
 - scanner 460
 - sensor, manual 459
- text, problem-solving
 - blurred 429
 - blurry 435
 - dropouts 420
 - garbled 380
 - misformed characters 424
- thermistor (TH3), removing 263
- time, setting 59, 100
- Time/Scheduling menu, control panel 58
- timeout settings 60
- timing chart 371
- tire tracks, problem-solving 427
- toner
 - adhesion problems, solving 435
 - density setting 91
 - level detection 127
 - loose, problem-solving 423
 - smearred, problem-solving 422
- Toolbox. See HP Toolbox
- tools, required 221
- top cover
 - jams, clearing 401
- top-cover flatbed flange, removing 246
- top-cover switch (SW101), removing 290
- transfer charging roller operations 131
- transfer rollers, replacing 226
- transparencies
 - specifications 16
 - troubleshooting 418
- tray 1
 - feed assembly, removing 271
 - insert or close error message 394
 - jam detection 151
 - jams, clearing 405
 - load error message 395
 - media sizes supported 11
 - media types supported 10
 - operations 135
 - pickup roller, replacing 237
 - problem-solving 379
 - removing 267
 - unexpected size or type error message 387
- tray 2
 - problem-solving 379
- tray 2 detection switch, removing 312
- tray 2 jam-access-cover switch (SW105), removing 265
- tray 3
 - problem-solving 379
- trays
 - ADF input, replacing 227
 - feeding problems, solving 436
 - insert or close error message 394
 - jam detection 151

- jams, clearing 405, 406
- Macintosh settings 91
- media size specifications 12
- media types supported 10
- operations 135
- part numbers 475, 579, 592
- problem-solving 379
- rollers, replacing 236
- sensor tests 459
- sensors, diagrams 204
- status, viewing with HP
 - Toolbox 85
- unexpected size or type error message 387
- troubleshooting
 - Alert Settings window, HP
 - Toolbox 86
 - checklist 359
 - cold reset 457
 - component test 461
 - control panel messages, numerical 383
 - drum rotation test 456
 - engine test 454
 - error messages, alphabetical list 383
 - error messages, numerical list 383
 - firmware-stack trace 464
 - formatter test 455
 - half self-test 455
 - HP Jetdirect print servers 463
 - jams, clearing 400
 - jams, frequent 414
 - network printing 442
 - network printing, loopback test 442
 - network printing, ping test 443
 - paper path test 415
 - paper-path-sensor test 459
 - power 364
 - repetitive defect ruler 431
 - scanner tests 460
 - sensor test, manual 459
 - speed 359
 - staple jams 416
- TrueType fonts included 3
- two-sided printing
 - error messages 387, 392, 394, 397
- Macintosh settings 91
- problem-solving 380
- typefaces
 - included 3
- U**
 - unable to connect, copy, or send 398
 - unexpected size or type error messages 387
 - uninstalling Macintosh software 35
 - universal print driver 32
 - unlocking accessories 8
 - Update Now feature, drivers 33
 - upgrading firmware 102
 - upper-plate assembly, diagrams and part numbers 498
 - usage page, printing 82
 - USB cable, part number 481, 585, 587
 - USB configuration 27
 - USB port
 - problem-solving Macintosh 467
- V**
 - validating gateway addresses 441
 - vertical white or faded stripes 434
 - voltage specifications 604
- W**
 - wake time, setting 101
 - Warning button, control panel touchscreen 50
 - warranty
 - extended 612
 - product 607
 - wavy paper, problem-solving 379, 425
 - Web Jetadmin
 - firmware updates 104
 - Web sites
 - customer support 609
 - fraud reports 94
 - HP Easy Printer Care 37
 - HP Web Jetadmin, downloading 90
 - Linux support 469
 - Macintosh customer support 610
 - Material Safety Data Sheet (MSDS) 618
 - ordering supplies 472
 - paper specifications 14
 - software, downloading 30
 - universal print driver 32
 - weekly on-site service 611
 - weight, media specifications
 - 3-bin mailbox 13
 - 500-sheet tray 12
 - ADF 14
 - duplexer 12
 - envelope feeder 13
 - stacker 13
 - stapler 14
 - tray 1 11
 - white lines or spots, problem-solving 427
 - white or faded stripes 434
 - Windows
 - driver settings 34
 - problem-solving issues 465
 - software components 37
 - supported operating systems 31
 - universal print driver 32
 - Windows 2000 fax 29
 - wrinkled paper, problem-solving 426

© 2006 Hewlett-Packard Development Company, L.P.

www.hp.com



CB425-90908