3 Parts and diagrams

NOTE: In this chapter, part numbers are only listed for available replaceable parts.

- Order parts by authorized service providers
- How to use the parts lists and diagrams
- Assembly locations
- Covers, panels, and doors
- Internal assemblies
- Alphabetical parts list
- Numerical parts list

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Order parts by authorized service providers

Order replacement parts

Table 3-1 Order parts, accessories, and supplies

Order supplies and paper	www.hp.com/go/suresupply
Order genuine HP parts or accessories	www.hp.com/buy/parts
Order through service or support providers	Contact an HP-authorized service or support provider.

Related documentation and software

Table 3-2 Related documentation and software

Item	Description	Part number
HP LaserJet Pro CP1520 Color Printer Series User Guide	Product user guide	CE873-90901
HP LaserJet Pro CP1520 Color Printer Series Service Manual	English service manual (this manual)	CE873-90934

Supplies part numbers

Table 3-3 Supplies part numbers

Part	Part number	Type/size
Print cartridges	CE320-67901	Black print cartridge with HP ColorSphere toner
	CE321-6702	Cyan print cartridge with HP ColorSphere toner
	CE322-67901	Yellow print cartridge with HP ColorSphere toner
	CE323-67901	Magenta print cartridge with HP ColorSphere toner

Whole-unit replacement part numbers

NOTE: Whole-unit replacement products include the formatter PCA.

Table 3-4 Whole-unit replacement part numbers

Item	Description	Part number
HP Color LaserJet CP1525n	110v WUR-881	CE874-69055 (exchange)
	220v WUR-882	CE874-69056 (exchange)
	220v WUR-899	CE874-69057 (exchange)
	110v WUR-881	CE874-67055 (exchange)
	220v WUR-882	CE874-67056 (exchange)
	-220v WUR-899	CE874-67057 (exchange)

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Table 3-4 **Whole-unit replacement part numbers (continued)**

Item	Description	Part number
HP Color LaserJet CP1525nw	110v WUR-881	CE875-69055 (exchange)
	220v WUR-882	CE875-69056 (exchange)
	220v WUR-899	CE875-69057 (exchange)
	110v WUR-881	CE875-67055 (replacement)
	220v WUR-882	CE875-67056 (replacement)
	220v WUR-899	CE875-67057 (replacement)
HP LaserJet Pro CP1520 Color Printer series	Formatter	CE482-67901 (replacement)

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How to use the parts lists and diagrams

The figures in this chapter show the major subassemblies in the product and their component parts. A parts list table follows each exploded view assembly diagram. Each table lists the item number, the associated part number, and the description of each part. If a part is not listed in the table, then it is not a field replacement unit (FRU).

△ **CAUTION:** Be sure to order the correct part. When looking for part numbers for electrical components, pay careful attention to the voltage that is listed in the description column. Doing so will ensure that the part number selected is for the correct all-in-one model.

NOTE: In this manual, the abbreviation “PCA” stands for “printed circuit board assembly.” Components described as a PCA might consist of a single circuit board or a circuit board plus other parts, such as cables and sensors.

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Assembly locations

Base product (no optional trays or accessories)

Figure 3-1 Base product (no optional trays or accessories)

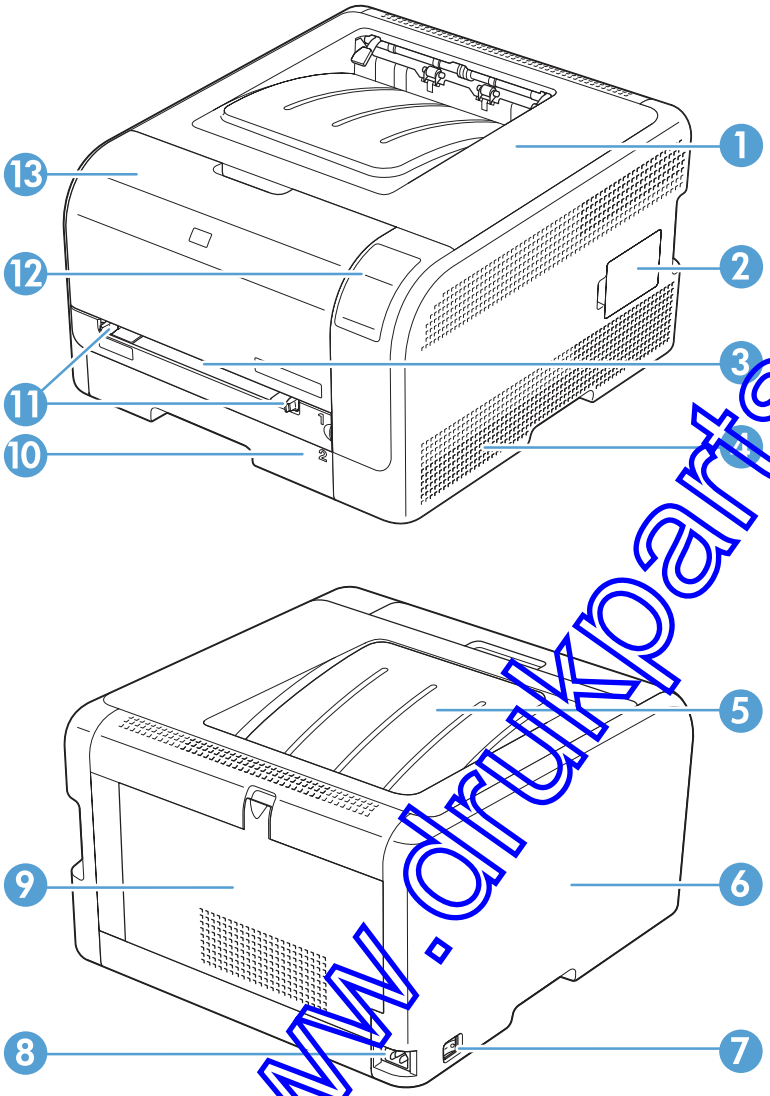

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Table 3-5 Base product

Item	Description	Item	Description
1	Top cover unit	8	Power receptacle
2	DIMM cover	9	Rear door
3	Priority slot	10	Cassette
4	Right cover	11	Media side plate
5	Face-down output bin	12	Control panel
6	Left cover	13	Front door
7	Power switch		

Covers, panels, and doors

Figure 3-2 Covers, panels, and doors

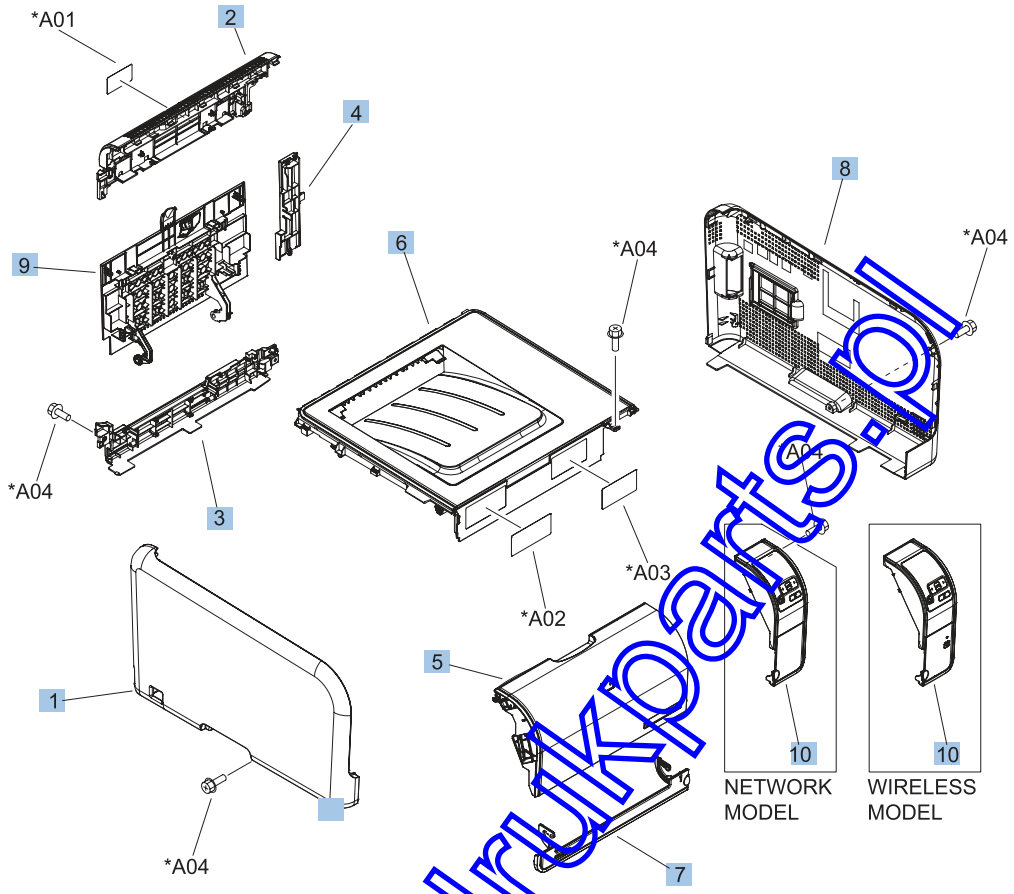

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Table 3-6 **Covers, panels, and doors**

Ref	Description	Part number	Qty
1	Cover, left	RC3-0748-000CN	1
2	Cover, rear, upper	RC3-0754-000CN	1
3	Cover, rear, lower	RC3-0753-000CN	1
4	Cover, rear, center	RC3-0767-000CN	1
5	Door, front	RC3-1024-000CN	1
6	Upper cover assembly	RM1-7707-000CN	1
7	Priority slot cover assembly	RM1-7706-000CN	1
8	Right cover assembly	RM1-7709-000CN	1
9	Door, rear	RC3-0768-000CN	1
10	Control-panel assembly (network wireless model)	RM1-7708-000CN	1
10	Control-panel assembly (network model)	RM1-7856-000CN	1

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Internal assemblies

Figure 3-3 Internal components (1 of 4)

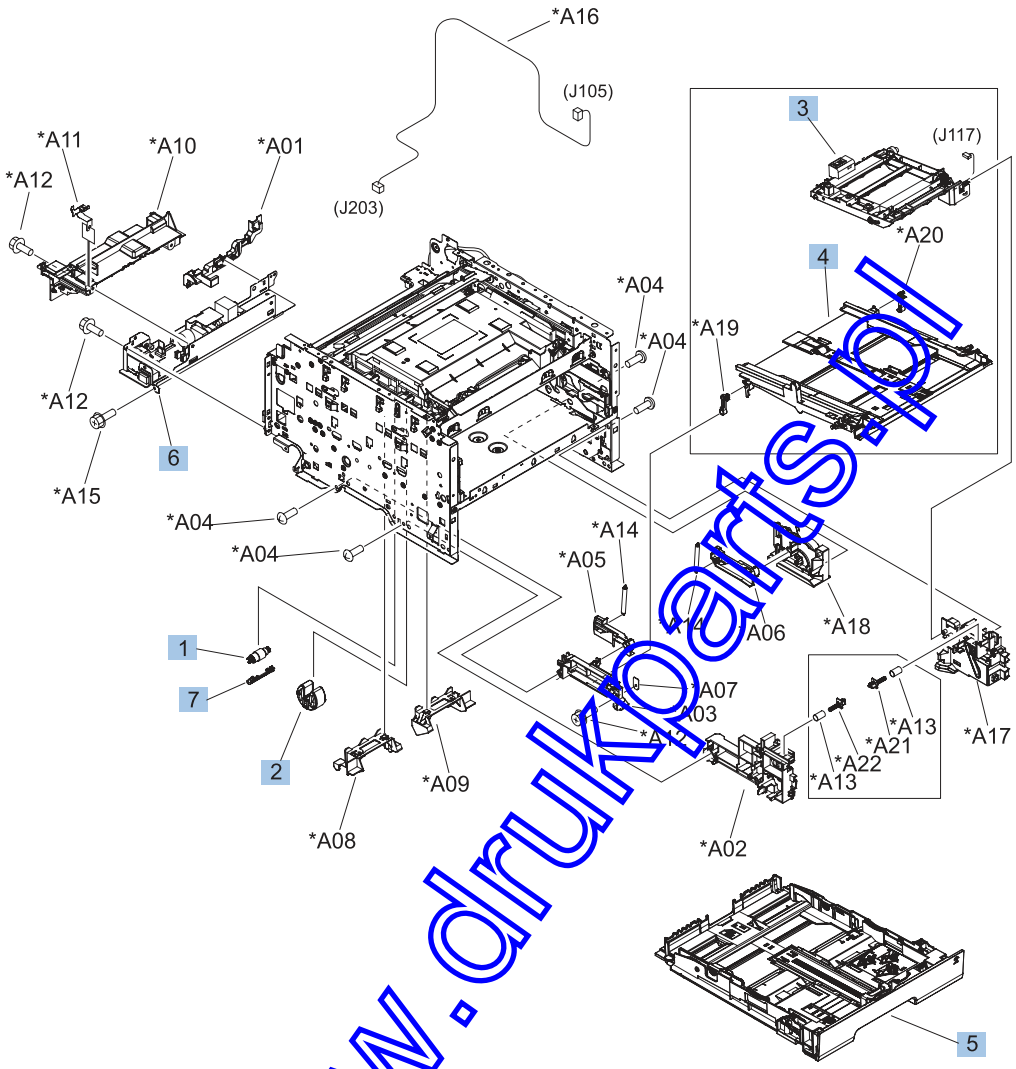

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Table 3-7 **Internal components (1 of 4)**

Ref	Description	Part number	Qty
1	Roller, separation Assembly	RM1-4425-000CN	1
2	Roller, pickup assembly	RM1-4426-000CN	1
3	Drive assembly, priority slot	RM1-4459-000CN	1
4	Feed assembly, priority	RM1-7854-000CN	1
5	Cassette assembly	RM1-7704-000CN	1
6	Fuser power supply assembly (220V-240V)	RM1-7083-000CN	1
6	Fuser power supply assembly (110V-127V)	RM1-7082-000CN	1
7	Cover, holder	RC2-2014-000CN	1

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Figure 3-4 Internal components (2 of 4)

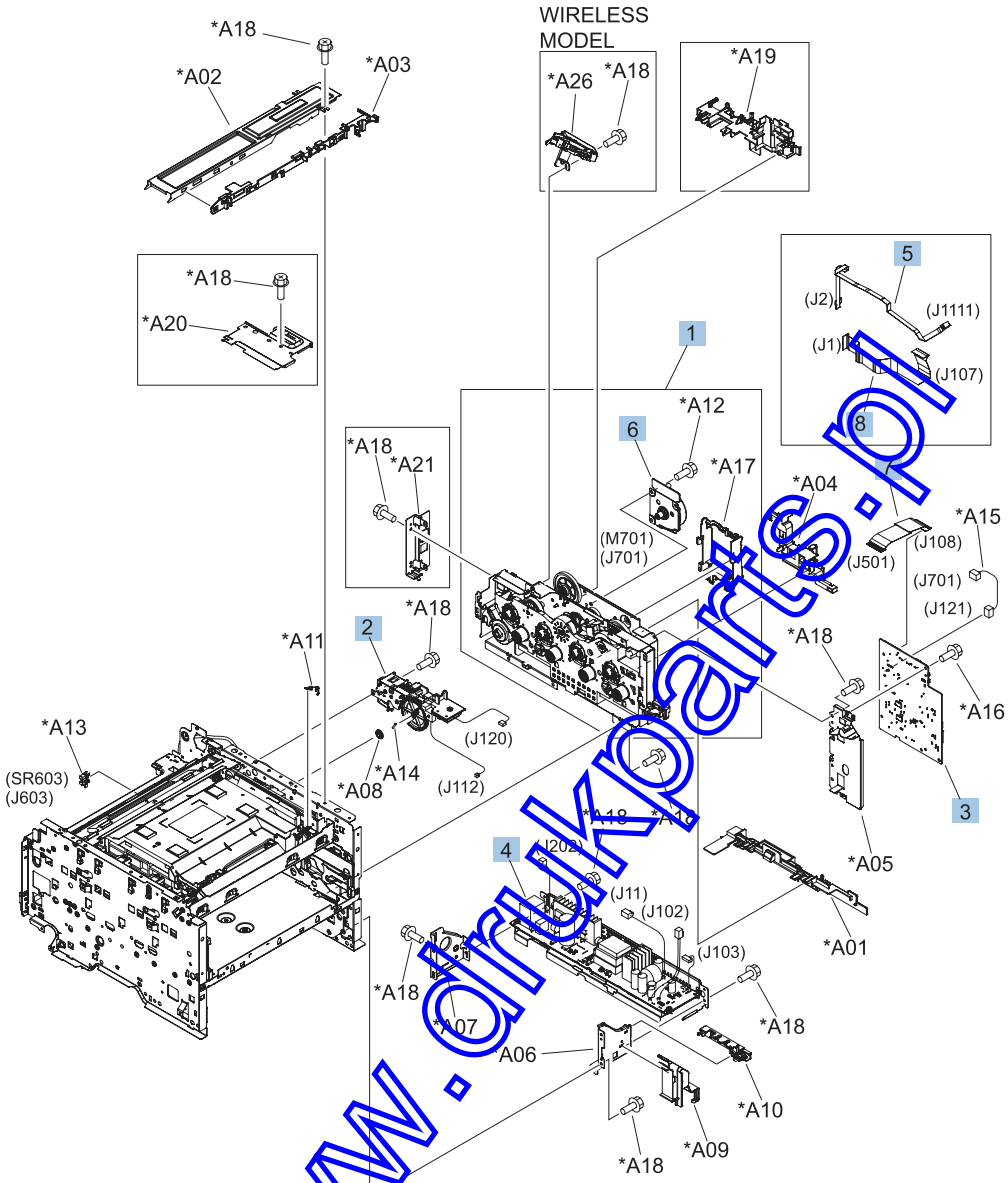

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Table 3-8 **Internal components (2 of 4)**

Ref	Description	Part number	Qty
1	Main drive assembly	RM1-4443-000CN	1
2	Sub drive assembly	RM1-7861-000CN	1
3	DC controller PCA	RM1-7090-000CN	1
4	Low voltage power supply assembly (110V-127V)	RM1-7080-000CN	1
4	Low voltage power supply assembly (220V-240V)	RM1-7081-000CN	1
5	Cable, flexible flat	RK2-3129-000CN	1
6	Motor, DC	RL1-1617-000CN	1
7	Cable, flat	RK2-1955-000CN	1
8	Cable, flexible flat	RK2-3117-000CN	1

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Figure 3-5 Internal components (3 of 4)

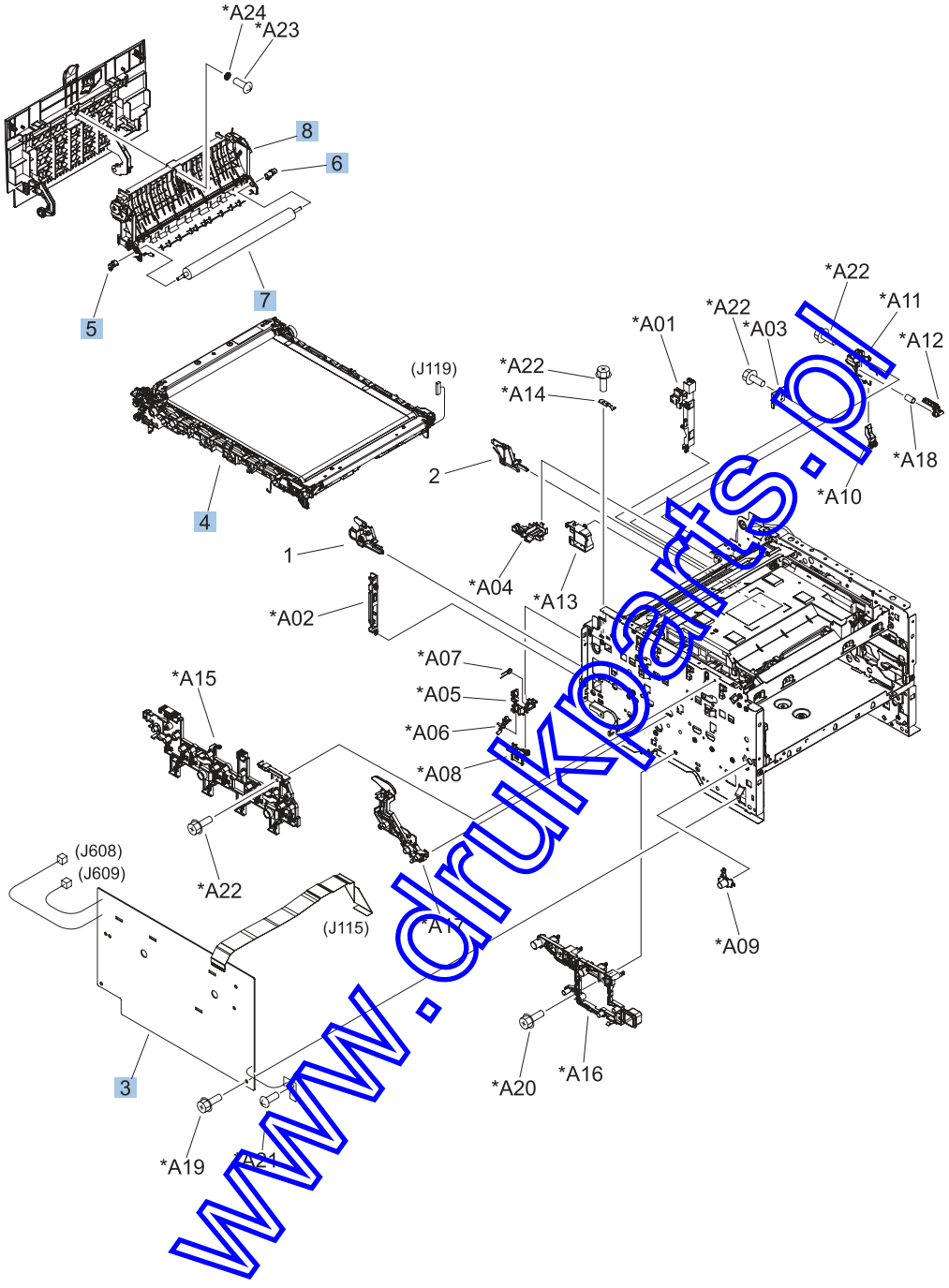

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Table 3-9 **Internal components (3 of 4)**

Ref	Description	Part number	Qty
3	High voltage PCA	RM1-7090-000CN	1
4	Intermediate transfer belt assembly (ITB)	RM1-7866-000CN	1
5	Bushing, left side	RC2-2111-000CN	1
6	Bushing, right side	RC2-2112-000CN	1
7	Roller, transfer	RM1-4445-000CN	1
8	Paper feed guide assembly	RM1-4448-000CN	1

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Figure 3-6 Internal components (4 of 4)

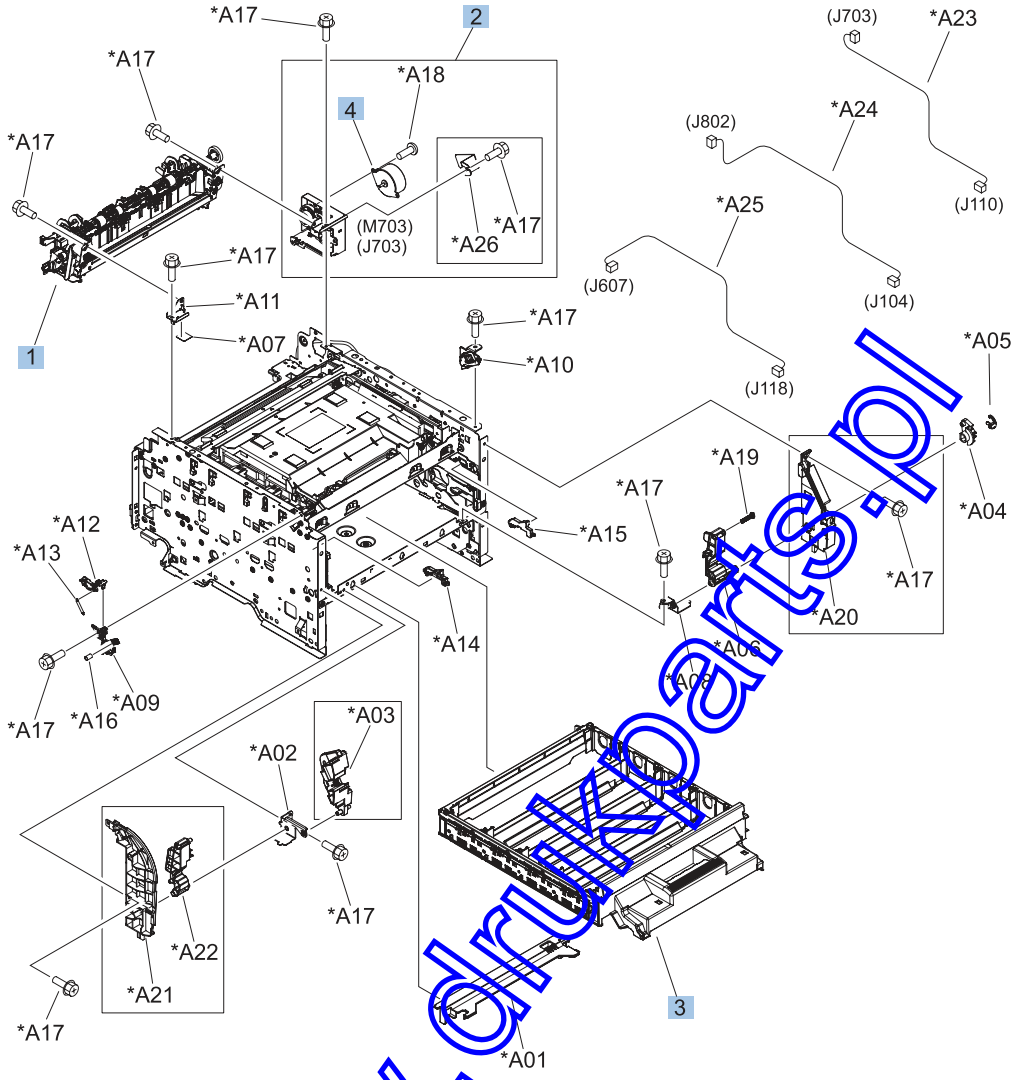

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Table 3-10 **Internal components (4 of 4)**

Ref	Description	Part number	Qty
1	Fuser assembly (110V-127V)	RM1-4430-000CN	1
1	Fuser assembly (220V-240V)	RM1-4431-000CN	1
2	Fuser drive assembly	RM1-4450-000CN	1
3	Cartridge tray assembly	RM1-7853-000CN	1
4	Motor, stepping, DC	RK2-1872-000CN	1

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Figure 3-7 PCA location

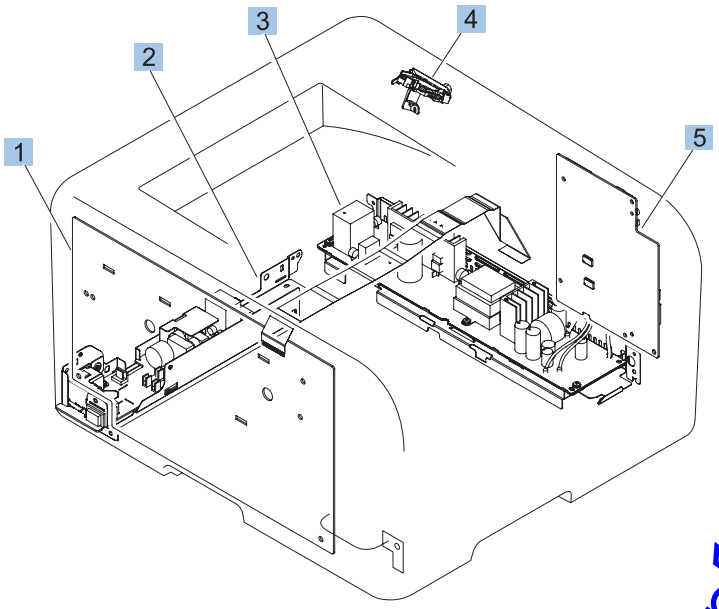

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Table 3-11 **PCA location**

Ref	Description	Part number	Qty
1	High voltage PCA	RM1-7090-000CN	1
2	Fuser power supply assembly (110V-127V)	RM1-7082-000CN	1
2	Fuser power supply assembly (220V-240V)	RM1-7083-000CN	1
3	Low voltage power supply assembly (110V-127V)	RM1-7080-000CN	1
3	Low voltage power supply assembly (220V-240V)	RM1-7081-000CN	1
4	Wireless controller PCA	RM1-1150-7937CN	1
5	DC controller PCA	RM1-7041-000CN	1

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Alphabetical parts list

Table 3-12 Alphabetical parts list

Description	Part number	Table and page
Bushing, left side	RC2-2111-000CN	Internal components (3 of 4) on page 129
Bushing, right side	RC2-2112-000CN	Internal components (3 of 4) on page 129
Cable, flat	RK2-1955-000CN	Internal components (2 of 4) on page 127
Cable, flexible flat	RK2-3129-000CN	Internal components (2 of 4) on page 127
Cable, flexible flat	RK2-3117-000CN	Internal components (2 of 4) on page 127
Cartridge tray assembly	RM1-7853-000CN	Internal components (4 of 4) on page 131
Cassette assembly	RM1-7704-000CN	Internal components (1 of 4) on page 125
Control-panel assembly (network model)	RM1-7856-000CN	Covers, panels, and doors on page 123
Control-panel assembly (network wireless model)	RM1-7708-000CN	Covers, panels, and doors on page 123
Cover, holder	RC2-7014-000CN	Internal components (1 of 4) on page 125
Cover, left	RC3-0748-000CN	Covers, panels, and doors on page 123
Cover, rear, center	RC3-0767-000CN	Covers, panels, and doors on page 123
Cover, rear, lower	RC3-0753-000CN	Covers, panels, and doors on page 123
Cover, rear, upper	RC3-0754-000CN	Covers, panels, and doors on page 123
DC controller PCA	RM1-7090-000CN	Internal components (2 of 4) on page 127
DC controller PCA	RM1-7041-000CN	PCA location on page 133
Door, front	RC3-1024-000CN	Covers, panels, and doors on page 123
Door, rear	RC3-0768-000CN	Covers, panels, and doors on page 123
Drive assembly, priority slot	RM1-4459-000CN	Internal components (1 of 4) on page 125
Feed assembly, priority	RM1-7854-000CN	Internal components (1 of 4) on page 125
Fuser assembly (110V-127V)	RM1-4430-000CN	Internal components (4 of 4) on page 131

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Table 3-12 Alphabetical parts list (continued)

Description	Part number	Table and page
Fuser assembly (220V-240V)	RM1-4431-000CN	Internal components (4 of 4) on page 131
Fuser drive assembly	RM1-4450-000CN	Internal components (4 of 4) on page 131
Fuser power supply assembly (110V-127V)	RM1-7082-000CN	Internal components (1 of 4) on page 125
Fuser power supply assembly (110V-127V)	RM1-7082-000CN	PCA location on page 133
Fuser power supply assembly (220V-240V)	RM1-7083-000CN	Internal components (1 of 4) on page 125
Fuser power supply assembly (220V-240V)	RM1-7083-000CN	PCA location on page 133
High voltage PCA	RM1-7090-000CN	Internal components (3 of 4) on page 129
High voltage PCA	RM1-7090-000CN	PCA location on page 133
Intermediate transfer belt assembly (ITB)	RM1-7868-000CN	Internal components (3 of 4) on page 129
Low voltage power supply assembly (110V-127V)	RM1-7080-000CN	Internal components (2 of 4) on page 127
Low voltage power supply assembly (110V-127V)	RM1-7080-000CN	PCA location on page 133
Low voltage power supply assembly (220V-240V)	RM1-7081-000CN	Internal components (2 of 4) on page 127
Low voltage power supply assembly (220V-240V)	RM1-7081-000CN	PCA location on page 133
Main drive assembly	RM1-4443-000CN	Internal components (2 of 4) on page 127
Motor, DC	RL1-1617-000CN	Internal components (2 of 4) on page 127
Motor, stepping, DC	RK2-1872-000CN	Internal components (4 of 4) on page 131
Paper feed guide assembly	RM1-4448-000CN	Internal components (3 of 4) on page 129
Priority slot cover assembly	RM1-7706-000CN	Covers, panels, and doors on page 123
Right cover assembly	RM1-7709-000CN	Covers, panels, and doors on page 123
Roller, pickup assembly	RM1-4426-000CN	Internal components (1 of 4) on page 125
Roller, separation Assembly	RM1-4425-000CN	Internal components (1 of 4) on page 125
Roller, transfer	RM1-4445-000CN	Internal components (3 of 4) on page 129
Sub drive assembly	RM1-7861-000CN	Internal components (2 of 4) on page 127

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Table 3-12 **Alphabetical parts list (continued)**

Description	Part number	Table and page
Upper cover assembly	RM1-7707-000CN	Covers, panels, and doors on page 123
Wireless controller PCA	RM1-1150-7937CN	PCA location on page 133

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Numerical parts list

Table 3-13 Numerical parts list

Part number	Description	Table and page
RC2-2014-000CN	Cover, holder	Internal components (1 of 4) on page 125
RC2-2111-000CN	Bushing, left side	Internal components (3 of 4) on page 129
RC2-2112-000CN	Bushing, right side	Internal components (3 of 4) on page 129
RC3-0748-000CN	Cover, left	Covers, panels, and doors on page 123
RC3-0753-000CN	Cover, rear, lower	Covers, panels, and doors on page 123
RC3-0754-000CN	Cover, rear, upper	Covers, panels, and doors on page 123
RC3-0767-000CN	Cover, rear, center	Covers, panels, and doors on page 123
RC3-0768-000CN	Door, rear	Covers, panels, and doors on page 123
RC3-1024-000CN	Door, front	Covers, panels, and doors on page 123
RK2-1872-000CN	Motor, stepping, DC	Internal components (4 of 4) on page 131
RK2-1955-000CN	Cable, flat	Internal components (2 of 4) on page 127
RK2-3117-000CN	Cable, flexible flat	Internal components (2 of 4) on page 127
RK2-3129-000CN	Cable, flexible flat	Internal components (2 of 4) on page 127
RL1-1617-000CN	Motor, DC	Internal components (2 of 4) on page 127
RM1-1150-7937CN	Wireless controller PCA	PCA location on page 133
RM1-4425-000CN	Roller, separation Assembly	Internal components (1 of 4) on page 125
RM1-4426-000CN	Roller, pickup assembly	Internal components (1 of 4) on page 125
RM1-4430-000CN	Fuser assembly (110V-127V)	Internal components (4 of 4) on page 131
RM1-4431-000CN	Fuser assembly (220V-240V)	Internal components (4 of 4) on page 131
RM1-4443-000CN	Main drive assembly	Internal components (2 of 4) on page 127
RM1-4445-000CN	Roller, transfer	Internal components (3 of 4) on page 129

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Table 3-13 **Numerical parts list (continued)**

Part number	Description	Table and page
RM1-4448-000CN	Paper feed guide assembly	Internal components (3 of 4) on page 129
RM1-4450-000CN	Fuser drive assembly	Internal components (4 of 4) on page 131
RM1-4459-000CN	Drive assembly, priority slot	Internal components (1 of 4) on page 125
RM1-7041-000CN	DC controller PCA	PCA location on page 133
RM1-7080-000CN	Low voltage power supply assembly (110V-127V)	Internal components (2 of 4) on page 127
RM1-7080-000CN	Low voltage power supply assembly (110V-127V)	PCA location on page 133
RM1-7081-000CN	Low voltage power supply assembly (220V-240V)	Internal components (2 of 4) on page 127
RM1-7081-000CN	Low voltage power supply assembly (220V-240V)	PCA location on page 133
RM1-7082-000CN	Fuser power supply assembly (110V-127V)	Internal components (1 of 4) on page 125
RM1-7082-000CN	Fuser power supply assembly (110V-127V)	PCA location on page 133
RM1-7083-000CN	Fuser power supply assembly (220V-240V)	Internal components (1 of 4) on page 125
RM1-7083-000CN	Fuser power supply assembly (220V-240V)	PCA location on page 133
RM1-7090-000CN	DC controller PCA	Internal components (2 of 4) on page 127
RM1-7090-000CN	High voltage PCA	Internal components (3 of 4) on page 129
RM1-7090-000CN	High voltage PCA	PCA location on page 133
RM1-7704-000CN	Cassette assembly	Internal components (1 of 4) on page 125
RM1-7706-000CN	Priority slot cover assembly	Covers, panels, and doors on page 123
RM1-7707-000CN	Upper cover assembly	Covers, panels, and doors on page 123
RM1-7708-000CN	Control-panel assembly (network wireless model)	Covers, panels, and doors on page 123
RM1-7709-000CN	Right cover assembly	Covers, panels, and doors on page 123
RM1-7853-000CN	Cartridge tray assembly	Internal components (4 of 4) on page 131
RM1-7854-000CN	Feed assembly, priority	Internal components (1 of 4) on page 125
RM1-7856-000CN	Control-panel assembly (network model)	Covers, panels, and doors on page 123

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Table 3-13 **Numerical parts list (continued)**

Part number	Description	Table and page
RM1-7861-000CN	Sub drive assembly	Internal components (2 of 4) on page 127
RM1-7866-000CN	Intermediate transfer belt assembly (ITB)	Internal components (3 of 4) on page 129

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