

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
55.02.YY Outgoing Parity Error To continue turn off and then on	There is a DC controller outgoing parity error.	<ol style="list-style-type: none"> 1. Turn the product off and then on. 2. Perform an engine test. See Engine-test button on page 386. 3. Verify the connectors on the DC controller. 4. Replace the DC controller. See DC controller PCA and tray on page 270.
55.03.YY No Engine Response To continue turn off and then on	DC controller no response error.	<ol style="list-style-type: none"> 1. Turn the product off and then on. 2. Perform an engine test. See Engine-test button on page 386. 3. Verify the connectors on the DC controller. 4. Replace the DC controller. See DC controller PCA and tray on page 270.
55.04.YY Communications Timeout To continue turn off and then on	There was a DC controller communications time out.	<ol style="list-style-type: none"> 1. Turn the product off and then on. 2. Perform an engine test. See Engine-test button on page 386. 3. Verify the connectors on the DC controller. 4. Replace the DC controller. See DC controller PCA and tray on page 270.
55.05 ENGINE FIRMWARE RFU ERROR	Firmware upgrade failed.	<ol style="list-style-type: none"> 1. Turn the product off and then on. 2. Remove any third-party hardware. 3. Resend the firmware upgrade.
56.01 - Illegal input To continue turn off and then on	There was an illegal input.	<ol style="list-style-type: none"> 1. Turn the product off and then on. 2. Remove any third-party hardware. 3. Attempt the remote firmware update again. 4. Replace the DC controller.
56.02 - Illegal output To continue turn off and then on	There was an illegal output.	Turn the product off and then on.
57.03 Error To continue turn off and then on	The cartridge area cooling fan (FM2) experienced an error.	<ol style="list-style-type: none"> 1. Reconnect the connector J26 of the cartridge fan, connector J262 on the high voltage power supply D PCA, and connector J114 on the DC controller PCA. 2. Immediately after turning on the product, measure the voltage between the connector J262-1 and J262-3 on the high-voltage power supply D PCA. If the voltage changes from 0 V to approximately 24 V, replace the cartridge fan.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
57.04 Error To continue turn off and then on	The low-voltage power-supply fan (FM1) experienced an error.	<ol style="list-style-type: none"> 1. Reconnect the connector J119 on the DC controller PCA. 2. Immediately after turning on the product, measure the voltage between the connector J119-1 and J119-3 on the DC controller PCA. If the voltage changes from 0 V to approximately 24 V, replace the power-supply fan.
57.07 Error To continue turn off and then on	The delivery area cooling fan (FM3) experienced an error.	<ol style="list-style-type: none"> 1. Reconnect the connector J27 of the delivery fan, connector J262 on the high voltage power supply D PCA, and connector J114 on the DC controller PCA. 2. Immediately after turning on the product, measure the voltage between the connector J262-4 and J262-6 on the high-voltage power supply D PCA. If the voltage changes from 0 V to approximately 24 V, replace the delivery fan.
59.30 Error To continue turn off and then on	The fuser motor experienced a startup error.	<ol style="list-style-type: none"> 1. Perform the fuser motor component test in the Troubleshooting menu. 2. Reconnect the connector J117 on the DC controller PCA. 3. Replace the fuser motor. See Fuser motor on page 345.
59.40 Error To continue turn off and then on	The fuser motor experienced a rotational error.	<ol style="list-style-type: none"> 1. Perform the fuser motor component test in the Troubleshooting menu. 2. Reconnect the connector J117 on the DC controller PCA. 3. Replace the fuser motor. See Fuser motor on page 345.
59.5Y ERROR To continue turn off then on	<p>A drum motor has experienced a startup error.</p> <ul style="list-style-type: none"> • Y=0: Black (drum motor 3) (M5) (J121) • Y=1: Cyan (drum motor 2) (M4) (J120) • Y=2: Magenta (drum motor 1) (M3) (M4) (J120) • Y=3: Yellow (drum motor 1) (M3) (J120) 	<ol style="list-style-type: none"> 1. Perform the drum-motors component test in the DIAGNOSTICS menu. 2. Reconnect the connectors J120 or J121 on the DC controller PCA. 3. Replace the appropriate drum motor. See Drum motor 1 on page 343 or Drum motor 2 or drum motor 3 on page 344.
59.6Y ERROR To continue turn off then on	<p>A drum motor has experienced a rotational error.</p> <ul style="list-style-type: none"> • Y=0: Black (drum motor 3) (M5) (J121) • Y=1: Cyan (drum motor 2) (M4) (J120) 	<ol style="list-style-type: none"> 1. Perform the drum-motors component test in the DIAGNOSTICS menu. 2. Reconnect the connectors J120 or J121 on the DC controller PCA. 3. Replace the appropriate drum motor. See Drum motor 1 on page 343 or Drum motor 2 or drum motor 3 on page 344.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
	<ul style="list-style-type: none"> Y=2: Magenta (drum motor 1) (M3) (M4) (J120) Y=3: Yellow (drum motor 1) (M3) (J120) 	
59.B0 ERROR To continue turn off then on	The toner-collection unit is full.	Replace the toner-collection unit. See Toner-collection unit on page 190
59.BO CLEANING MOTOR ERROR REPLACE TONER COLLECTION UNIT	<p>This message displays for one of the following reasons:</p> <ul style="list-style-type: none"> The cleaning motor is stuck. The toner-collection unit is full. The chute at the top of the toner collection unit is clogged. 	Replace the toner-collection unit. See Toner-collection unit on page 190 .
59.C0 Error To continue turn off and then on	The developer-disengagement motor experienced a rotational error.	<ol style="list-style-type: none"> Perform the Alienation Motor test in the Component Tests menu in the Troubleshooting menu. Verify that the cartridges are being correctly alienated. Check the following connectors: J25 at the motor (M10), J261 and J251 on the high voltage power supply-D PCA, and connectors J138 and J106 on the DC controller PCA. Perform the Manual Sensor Test and observe item G. The normal state is "0". Locate the in-line connector J70 in the cable that is connected to developing-home-position sensor (SR11). To find this connector, remove the left-side cover and look in the area below the support plate. Disconnect the in-line connector. The state of item G should change to "1". If the motor is defective, replace motor M10. If the sensor is defective, replace the main-drive assembly.
59.F0 ERROR	The transfer unit is missing or a motor error has occurred.	<ol style="list-style-type: none"> Verify that the ITB is installed correctly. Remove the ITB and manually test the alienation mechanism. The position of the alienation mechanism in the ITB is monitored by the primary transfer roller disengagement sensor (SR17), which is located in the rear of the black cartridge slot. Perform the manual sensor test while the ITB is removed, and observe the state of sensor "I". The normal state is "0". When you insert a piece of paper into the sensor, the state should change to "1." Open the right door and defeat the interlock. Perform the ITB Contact/ Alienation test in the Component

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
		<p>Test menu. Observe the alienation-drive hub, which is above the cyan cartridge.</p> <p>4. If the sensor (SR17) fails, order the rear pre-exposure assembly and replace the faulty sensor with the new sensor from the assembly.</p> <p>5. If the alienation drive hub does not rotate, the problem could be the fuser motor or the fuser-drive assembly.</p>
59.XY ERROR To continue turn off then on	A temporary printing error occurred.	Turn the product off and then on.
60.02 Tray 2 lifting error	The Tray 2 lifter motor experienced an error.	<p>1. Check the Tray-2 paper-surface sensor in the Manual Sensor Test 2 menu in the Troubleshooting menu.</p> <p>2. Reconnect the connectors of the cassette lifter motor (J1920) and the DC controller PCA (J112).</p> <p>3. Replace the lifter drive unit. See Lifter-drive assembly on page 314.</p>
60.03 Tray 3 lifting error	The Tray 3 lifter motor experienced an error.	<p>1. Check the Tray-3 paper-surface sensor in the Manual Sensor Test 2 menu in the Troubleshooting menu.</p> <p>2. Reconnect the connectors of the cassette lifter motor (J1920) and the DC controller PCA (J112).</p> <p>3. Replace the lifter drive unit. See Lifter-drive assembly on page 314.</p>
68.X Storage error settings changed To continue, touch OK.	<p>At least one of the settings saved in the non-volatile storage device is invalid and was reset to its factory default. Printing can continue, but there may be some unexpected behavior because an error occurred in permanent storage.</p> <ul style="list-style-type: none"> 68.0: The onboard NVRAM failed. 68.1: The removable disk (flash or hard) failed. 	Touch OK to clear the message.
69.X Error To continue, touch OK.	A duplex error occurred.	Turn the product off and then on. This problem affects printing, but some scan functions might still be available. Touch Hide to remove this message and use other features.
79.XXXX - ERROR To continue turn off and then on	A critical hardware error occurred.	Turn the product off and then on.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
8X.YYYY EIO ERROR To continue turn off and then on	The EIO accessory card encountered a critical error, as specified by YYYY .	Try the following actions to clear the message: <ol style="list-style-type: none"> 1. Turn the product off and then on. 2. Turn the product off, reseal the EIO accessory, and then turn the product on. 3. Replace the EIO accessory. See Formatter PCA on page 192.
8X.YYYY EMBEDDED JETDIRECT ERROR	The embedded HP Jetdirect print server encountered a critical error, as specified by YYYY .	Turn the product off and then on.
ABCDEFGHIJK 10000000000	The product is performing the paper path test.	To exit press the Stop button.
ACTION NOT CURRENTLY AVAILABLE FOR TRAY X TRAY SIZE CANNOT BE ANY SIZE/ANY CUSTOM	A duplexed (2-sided) document was requested from a tray that is set to Any Size or Any Custom . Duplexing is not allowed from a tray configured to Any Size or Any Custom .	Select another tray or reconfigure the tray.
Authentication required	Authentication is enabled for this feature or destination. A user name and password are required.	Type the user name and password, or contact the network administrator.
Authentication required to use this feature	A user name and password are required.	Type the user name and password, or contact the network administrator.
Bad optional tray connection	The optional tray is not connected properly and must be reconnected before printing can continue.	<ol style="list-style-type: none"> 1. Turn the product off. 2. Remove and then reinstall optional tray.
Calibrating...	The product is calibrating.	No action is necessary.
Cancelling	The product is canceling a job.	No action is necessary.
Card Slot Device Failure - To Clear Touch OK	The specified device failed.	Touch OK to clear.
Card Slot file operation failed To clear touch OK	A PjL file system command was received that attempted to perform an illogical operation, such as downloading a file to a non-existent directory.	Touch OK to clear.
Card Slot is write protected To clear touch OK	The device is protected and no new files can be written to it.	Touch OK to clear message.
Card Slot Not Initialized	The file system device must be initialized before it can be used.	Initialize the device.
Cartridge Error – Replace Black Cartridge	Toner has settled in the black print cartridge and the auger cannot turn.	Replace the black cartridge. After replacing the cartridge, turn the power off and then on to continue
Cartridge Error-Replace color cartridges Reinstall, then turn off and then on	The cyan, magenta, or yellow print cartridges are defective and need to be replaced.	Replace the defective print cartridges and turn the product off and then on.
Checking engine	The product is checking the engine.	No action is necessary.
Checking paper path	The engine is checking the rollers for possible paper jams.	No action is necessary.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
Chosen personality not available. To continue touch OK.	A print job requested a product language (personality) that is not available for this product. The job will not print and will be cleared from memory.	Print the job by using a printer driver for a different printer language, or add the requested language to the product (if possible). To see a list of available personalities, print a configuration page.
Cleaning	The cleaning page is being processed.	No action is necessary.
Cleaning disk <X>% complete Do not power off	A storage device is being sanitized or cleaned.	Do not turn off the product. The product's functions are unavailable. The product will automatically restart when finished.
Clearing activity log	The corresponding fax menu item has been triggered.	No action is necessary.
Clearing all blocked numbers	The corresponding fax menu item has been triggered.	No action is necessary.
Clearing event log	The event log is being cleared.	No action is necessary.
Clearing paper path	The product jammed or was turned on and paper was detected where it should not be. It is attempting to eject these pages automatically.	No action is necessary.
Close front or right doors	Either the front or right door is open.	<ol style="list-style-type: none"> 1. Close the door. 2. Inspect the interlock on both the front and right doors. 3. Use the manual sensor test to verify that the interlock switches are working correctly.
Close lower-right door	The lower-right door is open.	Close the lower-right door.
Cooling device	This product recently experienced a period of heavy usage. In order to maintain a supported operating temperature, the product cycles through intervals of printing and pausing.	No action is necessary.
Creating cleaning page	A two-step page is being processed after having been created. This message is also used for products with duplexers that create and process the cleaning page in one step.	No action is necessary.
Data received	The product is waiting for the command to print the last page. The last page will print in a few moments.	No action is necessary.
Deleting...	The product is currently deleting a stored job.	No action is necessary.
Disk spinning up	The EIO disk product in slot <X> is spinning up.	No action is necessary.
Document feeder cover open	The document feeder cover is open.	Close the document feeder cover. Follow the instructions in the onscreen dialog box.
DOCUMENT FEEDER EMPTY	The document feeder is empty.	<ol style="list-style-type: none"> 1. Place originals in the document feeder or on the glass. 2. Press the Start button.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
Document feeder pick error	The document feeder experienced an error while picking media.	<ol style="list-style-type: none"> 1. Open the document feeder cover. 2. If necessary, roll the green wheel to the left to advance the paper. Remove all paper found. 3. Lift the green tab to open the paper guide. Remove all paper found. 4. Close the paper guide. Close the document feeder cover. 5. Reinsert the original pages into the document feeder. Align the paper guides with the edges of the paper. 6. To continue, press the Start button. <p>NOTE: If this jam occurs frequently, try scanning from the flatbed glass. Some paper types cause jams in the document feeder. If the original document contains both Letter and Legal size pages, select "Mixed Letter/Legal" as the original size.</p>
Duplexing... do not grab paper	The product is printing a duplex job, and the paper is accessible.	No action is necessary.
E-MAIL GATEWAY DID NOT ACCEPT THE JOB BECAUSE THE ATTACHMENT WAS TOO LARGE	The scanned documents have exceeded the size limit of the server.	Send the job again using a lower resolution, smaller file size setting, or fewer pages. Contact the network administrator to enable sending the scanned documents by using multiple e-mails.
E-MAIL GATEWAY DID NOT RESPOND	A gateway exceeded the time-out value.	Validate the SMTP IP address.
E-MAIL GATEWAY REJECTED THE JOB BECAUSE OF THE ADDRESSING INFORMATION	One or more of the e-mail addresses is incorrect.	Send the job again with the correct addresses.
EIO <X> Disk initializing	The EIO disk product in slot <X> is initializing.	No action is necessary.
EIO <X> disk not functional	The EIO disk in slot <X> is not working correctly.	Turn the product off. Remove the disk from the slot indicated, and replace it with a new disk. Turn the product on.
EIO Device Failure - To Clear Touch OK	The specified device failed.	Touch OK to clear.
EIO file operation failed To clear touch OK	A PjL file system command attempted to perform an illogical operation, such as downloading a file to a directory that does not exist.	Touch OK to clear.
EIO is write protected To clear touch OK	The device is protected and no new files can be written to it.	Touch OK to clear message.
EIO Not initialized	The file system device must be initialized before it can be used.	Initialize the device.
Entering internal application <X>	The product is opening an internal program.	No action is necessary.
Error	The directory or file is not readable.	To activate a fax, complete the required fax settings available through the Administration menu.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
ERROR EXECUTING DIGITAL SEND JOB	A digital send job failed and cannot be delivered.	Try to send the job again.
External device initializing	An external product is initializing.	No action is necessary.
Fax is disabled ignoring call	The product received a call, but the fax feature was not configured with the required settings (country/region, date/time, company name, fax number, etc.). The fax icon on the control panel is grayed out.	Configure the fax with the required settings from the Administration menu on the control panel.
Flatbed cover open	The flatbed scanner cover is open.	Close the flatbed cover.
Found SMTP gateway	The Find SMTP Gateway menu has been selected.	No action is necessary
Gateways failed	The gateway configuration is incorrect.	See Solve connectivity problems on page 501 .
Gateways OK	The gateway configuration is correct.	No action is necessary.
Genuine HP supplies installed	A new HP cartridge has been installed. This message appears for approximately 6 seconds before the returns to the Ready state.	No action is necessary.
HP DIGITAL SENDING: DELIVERY ERROR	A digital send job failed and cannot be delivered.	Try to send the job again.
HP SECURE HARD DRIVE DISABLED	<p>The HP high-performance hard disk is disabled, or the product does not recognize the hard disk.</p> <p>After an encrypted hard disk is paired with a specific product, it cannot be used in another product unless it is reinitialized.</p> <p>NOTE: After the encrypted hard disk is paired to the product, all other hard disks are disabled.</p>	<p>Use the embedded Web server to configure the hard disk.</p> <ol style="list-style-type: none"> 1. Open the embedded Web Server by typing the product IP address into a Web browser. 2. Click the Digital Sending tab. 3. Select the Security link from the left navigation menu, and open the Hard Disk and Mass Storage Security Settings section. 4. The following options are available: <ul style="list-style-type: none"> ◦ Disk Init: This option does not affect the disk encryption status. ◦ NVram Init: This option does not affect the disk encryption status. ◦ Disable Hard Disk Encryption and Reboot: This option completely erases the hard disk including all stored jobs, digital-send settings, and authentication settings. All pre-loaded fonts, after-market fonts, and other programs must be reloaded. ◦ Reinitialize Hard Disk: This option has the same effect as the Disable Hard Disk Encryption

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
		and Reboot , but it does not restart the product.
Image CRC error	This message is displayed before the firmware is loaded at startup when an error occurs during a firmware upgrade.	Resend the upgrade.
Incompatible fuser	The wrong fuser is installed. The product will not print, even though the fuser fits the product.	Install the correct fuser. See Fuser on page 200 .
Incompatible supplies	Two or more incompatible supplies are installed. The product will not print, even though the supplies fit the product.	Install the correct supply.
INFLATE FAILURE	An error occurred during the firmware upgrade.	Resend the upgrade.
Initializing permanent storage	Product is initializing permanent storage.	No action is necessary.
Initializing scanner	The scanner is initializing.	Wait until the scanner is Ready before proceeding to scan.
Install <color> cartridge	The print cartridge has been removed or has been installed incorrectly.	Replace or reinstall the print cartridge correctly to continue printing.
Install fuser	The fuser is either not installed or not installed correctly.	Install the fuser. See Fuser on page 200 .
Install supplies	At least two supplies are missing.	Replace the missing supplies or make sure the installed supplies are fully seated.
Install transfer unit	The ITB is either not installed or not installed correctly.	Replace the ITB. See Intermediate transfer belt (ITB) on page 209 .
Insufficient memory to load fonts/data <device> To continue touch OK	The product does not have enough memory to load the data (for example, fonts or macros) from the location specified.	Touch OK to continue without this information. If the message persists, add memory.
Internal Disk Device Failure - To Clear Touch OK	The specified device failed.	Touch OK to clear the message.
Internal disk file operation failed To clear touch OK	A P.J.L. file system command attempted to perform an illogical operation, such as downloading a file to a non-existent directory.	Touch OK to clear.
Internal Disk Initializing	The internal disk is initializing.	No action is necessary.
Internal disk is write protected To clear touch OK	The product is protected and no new files can be written to it.	Touch OK to clear the message.
Internal disk not found	Internal disk not found.	Turn the product off and then on.
Internal disk not functional	The internal disk is not functional.	Copy and send is disabled. Turn the product off and then on.
Internal disk not initialized	The internal disk is not initialized.	Initialize the disk.
Internal disk spinning up	The internal disk is spinning up its platter. It usually shows for approximately 15 seconds when the product comes out of power-save mode. Jobs can still print, but jobs that require disk access (i.e., stored jobs) must wait.	No action is necessary.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
Jam in document feeder	Paper is jammed in the document feeder.	<ol style="list-style-type: none"> 1. Open the document feeder cover. 2. If necessary, roll the green wheel to the left to advance the paper. Remove all paper found. Lift the green tab to open the paper guide. Remove all paper found. Close the paper guide. Close the document feeder cover. 3. Reinsert the original pages into the document feeder. Align the paper guides with the edges of the paper. To continue, press the Start button. <p>NOTE: If this jam occurs frequently, try scanning from the flatbed glass. Some paper types cause jams in the document feeder. If the original document contains both letter- and legal-size pages, select Mixed Letter/Legal as the original size.</p>
Job is being saved to disk	Job is being saved.	No action is necessary.
LED is on To continue, touch OK	This message appears when the LED is component tested.	Touch OK to continue.
Load Tray 1 <type> <size>	The tray is empty or configured for a different size than the size requested.	Follow the instructions in the onscreen dialog box.
Load Tray 1: [Type], [Size] To continue, touch OK	Tray 1 is empty.	<p>Load Tray 1 with the requested paper. Or, if paper is already in Tray 1, touch OK to print.</p> <p>If paper is in another tray, remove the paper and insert it in Tray 1, and then touch OK.</p>
Load Tray <XX> <type> <size> To use another tray, touch OK	A cassette tray is empty, and there is another tray available.	<p>Load the tray with the requested paper or adjust the paper guides.</p> <p>If another tray is available, touch OK to select.</p>
Load Tray <XX>: [type], [size]	A cassette tray is empty, and there is no other tray available.	Load the tray with the requested paper or adjust the paper guides.
Loading program <XX> Do not power off	Programs and fonts are being loaded into the product's file system.	No action is necessary.
Manually feed <type> <size>	The specified job requires manual feed from Tray 1.	<p>Load the requested media into Tray 1.</p> <p>Touch OK to use paper in another tray.</p>
Manually feed output stack Then touch OK to print second sides	The first side of a manual duplex job printed and the product is waiting for the user to insert the output stack to complete the second side. For the normal Manually Feed message, printing continues automatically when the paper is reinserted. With this message, printing stops until the user touches the OK button, which allows time for straightening the output stack.	<p>The even-numbered pages of the two-sided document have printed. Follow the next steps to print the odd-numbered pages.</p> <ol style="list-style-type: none"> 1. Maintaining the same orientation, remove the document from the output bin. Do not discard blank pages. 2. Flip the document over so it is face up. 3. Load Tray 1 with the face-up document. 4. To continue printing, touch OK.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
Manually Feed: [Type], [Size] To continue, touch OK	A job has specified manual feed, and Tray 1 is loaded.	Touch OK to resume printing.
Manually Feed: [Type], [Size] To use another tray, touch OK	The job specified manual feed, the MP-tray is empty, and there is another tray available to use.	Touch OK to switch to another tray and resume printing.
Moving solenoid To exit press STOP	The solenoid and a motor are moving as part of a component test.	No action is necessary.
No job to cancel	This message appears when the Stop button is pressed.	No action is necessary.
Non-HP supply installed	A refilled color or a cloned color/mono cartridge was installed, and the product previously used all genuine HP supplies. Or, an unauthorized cartridge was installed, and the product previously used all genuine supplies.	Install a genuine HP cartridge, or touch OK to override the condition.
Non-HP supply in use	This message appears when the override button is pressed (on the non-HP supply installed error).	No action is necessary.
Order <color> Cartridge	The identified print cartridge is nearing the end of its useful life. The product is ready and will continue for the estimated number of pages indicated. Estimated pages remaining is based upon the historical page coverage of this product. Printing will continue until a supply needs to be replaced.	Order a replacement print cartridge.
Order Fuser Kit	The fuser is near the end of life. The product is ready and will continue for the estimated number of pages indicated. Printing will continue until a supply needs to be replaced.	Order a replacement fuser kit.
Order roller kit-Less than XXXX pages	The roller kit is low due to rotations.	Order a replacement roller kit.
Order Supplies	One or more supplies need to be replaced.	Replace the supply.
Order toner collection unit	The toner collection unit is almost full.	Order a replacement toner collection unit.
Order Transfer Kit	The transfer kit is near the end of life. Printing can continue.	Order a replacement transfer kit.
Order transfer kit Less than XXXX pages	The number of pages remaining for this supply has reached the low threshold. Printing can continue.	Order a replacement transfer kit. Approximate pages remaining will vary depending on the types of documents printed.
Performing Color Band Test	The color-band test is being performed.	No action is necessary.
Performing paper path test Press stop to cancel	The product is performing a paper-path test.	No action is necessary.
Performing upgrade <Device>	The product is performing a product upgrade.	Do not turn the product off or press any buttons. The product will automatically restart when the upgrade is finished.
Please wait	The product is going offline.	No action is necessary.
Printing	The page is being printed.	No action is necessary.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
Printing CMYK Samples	The CMYK-samples page is being generated. The product will return to the ready state when the page is complete.	No action is necessary.
PRINTING COLOR USAGE LOG	The color-usage-log page is being generated. The product will return to the ready state when the page is complete.	No action is necessary.
Printing configuration	The product is generating the internal configuration page.	No action is necessary.
PRINTING DEMONSTRATION	The demo page is being generated. The product will return to the ready state when the page is complete.	No action is necessary.
PRINTING DIAGNOSTICS PAGE	The diagnostics page is being generated. The product will return to the ready state when the page is complete.	No action is necessary.
Printing event log	The event log page is being generated.	No action is necessary.
Printing file directory	The product is generating the file directory page.	No action is necessary.
Printing font list	The product is generating the font list.	No action is necessary.
Printing menu map	The product is generating the menu map.	No action is necessary.
Printing mopy status	The product is generating the mopy status report.	No action is necessary.
PRINTING PQ TROUBLESHOOTING	The print-quality troubleshooting test is being generated. The product will return to the ready state when the test completes.	No action is necessary.
Printing registration page	The product is generating the registration page.	No action is necessary.
PRINTING RGB SAMPLES	The print-quality troubleshooting test is being generated. The product will return to the ready state when the test completes.	No action is necessary.
Printing stopped To continue, touch OK	A Print/Stop test is running.	No action is necessary.
Printing supplies status	The product is generating the supplies status page.	No action is necessary.
Printing usage page	The product is generating the usage page.	No action is necessary.
Processing copy <X> of <Y>...	The product is currently processing or printing collated copies.	No action is necessary.
Processing digital send job	The product is processing a digital send job.	No action is necessary.
Processing duplex job	The product is processing a duplex job.	No action is necessary.
Processing from tray <X>	The product is processing a job. The <X> stands for the chosen paper tray.	No action is necessary.
Processing-intermittent mode	The internal temperature of the product is too hot, and the product is processing a job(s).	No action is necessary.
Processing. . .	The product is processing the current job but has not begun to pick up pages yet.	No action is necessary.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
RAM Disk Device Failure - To Clear Touch OK	The specified device failed.	Touch OK to clear the message.
RAM Disk file operation failed To clear touch OK	A PjL file system command was received that attempted to perform an illogical operation, such as downloading a file to a non-existent directory.	Touch OK to clear the message.
RAM Disk is write protected To clear touch OK	The device is protected and no new files can be written to it.	Touch OK to clear the message.
RAM disk not initialized	The file system device must be initialized before it can be used.	Initialize the device.
Ready	The product is online and ready to receive data.	No action is necessary.
Receiving upgrade	The product is receiving a firmware update.	No action is necessary.
Remove All Print Cartridges	The product is executing a component test and the component selected is belt only.	Remove all print cartridges.
Remove At Least One Print Cartridge	The product is executing a disable-cartridge check or component test and the component selected is the cartridge motor.	Remove one print cartridge.
REMOVE CARTRIDGE LOCKS	At least one print-cartridge lock is installed.	<ol style="list-style-type: none"> 1. Open the front door. 2. Remove the cartridge locks from the front of each cartridge. 3. Close the front door.
Replace <color> Cartridge	The identified print cartridge has reached the end of life. Printing can continue.	Replace the specified print cartridge.
Replace <color> cartridge - To continue, touch "OK"	A print cartridge has reached the low threshold, and the Replace Supplies menu is set to stop at low.	Order a replacement print cartridge. Touch OK to continue printing.
Replace DIMM <X> MEM test failure	The listed DIMM is not functioning properly and must be replaced.	Replace the DIMM.
Replace document feeder kit	This warning message appears one month before the end of life when the maintenance interval has been reached.	Follow instructions included with the document feeder kit to install.
Replace fuser kit	The fuser kit has reached the low threshold.	Replace the fuser. See Fuser on page 200 .
Replace fuser kit To continue, touch OK	The fuser is nearing the end of its useful life. Printing can continue.	Replace the fuser kit. See Fuser on page 200 .
Replace roller kit	The roller kit has reached the low threshold.	Replace the roller kit. Secondary transfer assembly on page 207 .
Replace Supplies - Override in Use	<p>The product is set to continue printing even though a supply has reached the end of life.</p> <p>CAUTION: Using the override mode can result in unsatisfactory print quality. HP recommends replacing the supply when this message appears. The HP Supplies Premium Protection Warranty coverage ends when a supply is used in override mode.</p>	No action is necessary.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
Replace Supplies - Using black	A color supply (or supplies) has reached the out condition and the Color Supply Out menu item is set to Autocontinue black .	No user input is required for printing to continue. Printing continues in black.
Replace transfer kit	The supply has reached the end of life. Printing can continue.	Replace transfer kit. See Intermediate transfer belt (ITB) on page 209 .
Replace transfer kit To continue, touch OK	The transfer kit is at the end of life. Printing can continue, but print quality might be reduced.	The product is set to stop printing when a supply needs to be ordered. To continue printing, touch OK . Replace the ITB. See Intermediate transfer belt (ITB) on page 209 .
Request Accepted Please Wait	This message appears when a request to print an internal page is accepted but cannot print.	Wait for the internal page to print.
Resend external accessory firmware	An external accessory requires a firmware upgrade. Printing can continue, but jams may occur if the job uses the external accessory.	Perform a firmware upgrade.
Resend upgrade	A firmware upgrade did not complete successfully.	Upgrade the firmware again.
Restoring factory settings	A Restore Factory Settings reset is being performed.	No action is necessary.
Restoring...	A Restore Last Saved State , Restore Print Modes , Restore Optimization , or Restore Color Values operation is being performed.	No action is necessary.
Restricted from printing in color	The print job is being forced to print in black either because the product is set to print only in black or because the user ID and application ID do not have color printing permissions.	No action is necessary.
RFU LOAD ERROR	A failure occurred during the remote firmware upgrade.	Resend the upgrade.
ROM Disk Device Failure - To Clear Touch OK	The specified device failed.	Touch OK to clear.
ROM Disk file operation failed To clear touch OK	A P.J.L file system command was received that attempted to perform an illogical operation, such as downloading a file to a non-existent directory.	Touch OK to clear the message.
ROM Disk is write protected To clear touch OK	The device is protected and no new files can be written to it.	Touch OK to clear the message.
ROM Disk Not Initialized	The file system device must be initialized before it can be used.	Initialize the device.
Rotating <color> Motor	A component test is in progress; the component selected is the <color> cartridge motor.	Press Stop to stop the test.
Rotating Motor - To exit press STOP	The product is executing a component test and the component selected is a motor.	Press Stop to stop the test.
Sanitizing Disk <X>% Complete Do not power off	The hard disk is being cleaned.	Contact the network administrator.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
SCAN FAILURE	The scan was unsuccessful and the document needs to be scanned again.	If necessary, reposition the document to scan again, and then press Start .
Scanning...page <X>	The product is scanning a job in the ADF.	No action is necessary.
Scanning...page from glass	The product is scanning from the glass.	No action is necessary.
Searching... please wait	The product is searching.	No action is necessary.
Send complete	The send process is complete.	No action is necessary.
Sending digital send job	The product is sending a digital-send job.	No action is necessary.
Sending to external destinations	The product is sending a digital-send job.	No action is necessary.
Size mismatch in tray XX	The media in the listed tray does not match the size specified for that tray.	Load the correct media.
Sleep mode on	The product is in sleep mode.	No action is necessary.
SMTP Gateways OK	The status of the SMTP gateways is normal.	No action is necessary.
Testing Please wait	The product is temporarily unavailable.	No action is necessary.
To return to ready press STOP	The product is paused, and there are no error messages pending at the display.	No action is necessary.
Total images: <X>	The product has processed the number of images indicated by <X>.	No action is necessary.
Tray <X>: [Type], [Size]	The tray is closed if the Size/Type Prompt menu is set to Display.	No action is necessary.
Tray <XX> empty: [type], [size]	The specified tray is empty and needs to be loaded, but the current job does not need this tray to print.	Load the tray.
Tray <XX> open	The specified tray is open or not closed completely; the tray is not required to print and is not blocking the paper path of a tray required for printing.	Close the tray.
Type Mismatch In Tray <XX>	The specified tray contains a media type that does not match the configured type.	The specified tray will not be used until this condition is addressed. Printing can continue from other trays.
Unable to connect		To temporarily hide this message in order to fax or send to e-mail, touch Hide .
UNABLE TO COPY	The product was unable to copy the document.	To temporarily hide this message in order to fax or send to e-mail, touch Ignore .
Unable to mopy job	Because of a memory, disk, or configuration problem, a mopy job cannot be moped. Only one copy will be produced.	Try increasing the product memory or reducing the complexity of the job.
UNABLE TO SEND		To temporarily hide this message in order to fax or send to e-mail, touch Ignore .
UNABLE TO SEND FAX	The product was unable to send the fax.	Contact the network administrator.
Unauthorized supply in use	The product is using a non-HP supply.	Any product repair required as a result of using non-HP or unauthorized supplies is not covered under warranty. HP cannot ensure the accuracy or the availability of certain features.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
Unsupported data on [FS] DIMM in slot	The data on the DIMM is not supported.	The DIMM may need to be replaced. Turn off the product before removing it. To clear this warning, touch OK .
Unsupported USB accessory detected	The USB accessory is not recognized and cannot be used by this product.	Remove the USB accessory. To clear this message, touch OK .
Upgrade complete To continue, turn off and then on	Upgrade complete.	Turn the product off and then on.
USB ACCESSORY UNAVAILABLE	The USB accessory was installed after the product was turned on. The product does not support plug-and-play operation.	<ol style="list-style-type: none"> 1. Remove the USB accessory. 2. Turn the product off, and then plug in the USB accessory. 3. Turn the product on.
USB Device Failure - To Clear Touch OK	The specified device failed.	Touch OK to clear.
USB file operation failed To clear touch OK	A P.J.L file system command was received that attempted to perform an illogical operation, such as downloading a file to a non-existent directory.	Touch OK to clear the message.
USB HUBS NOT FULLY SUPPORTED	Some USB hubs require more power than the product has available.	<ol style="list-style-type: none"> 1. Remove the USB hub.
USB is write protected To clear touch OK	The device is protected and no new files can be written to it.	Touch OK to clear the message.
USB needs too much power	Power requirements for the USB accessory attached to this product are beyond supported limits.	Detach the accessory, and then turn the product off and then on. Try a similar accessory that has its own power supply or requires less power.
USB Not Initialized	The file system device must be initialized before it can be used.	Initialize the device.
USB storage <X> is initializing	The designated USB storage unit is initializing.	No action is necessary.
USB storage <X> is not functional	A parameter in the USB storage is not working correctly.	Turn the product off. Disconnect the USB storage accessory, and replace with a new USB storage accessory.
USB storage <X> removed	A USB storage accessory has been disconnected since the product was turned on.	To continue using the USB accessory, turn the product off and reconnect it. Turn the product off and then on to clear the message.
USED SUPPLY IN USE	One or more used supplies have been installed.	<ol style="list-style-type: none"> 1. Install new supplies. 2. If you believe you purchased a genuine HP supply, visit us at www.hp.com/go/anticounterfeit. Any repair required as a result of using used cartridges is not covered under warranty. Supply status and features depending on supply status are not available.
Wait for printer to reinitialize	The user changed the RAMDISK settings. The product automatically restarts.	No action is necessary.
Waiting for tray <XX> to lift	The tray number specified by <XX> is in the process of lifting the paper to the top of the tray for proper feeding.	No action is necessary.

Table 7-12 Control-panel messages (continued)

Control panel message	Description	Recommended action
Warming up	The product is coming out of sleep-delay mode. Printing will continue once the product completely warms up.	No action is necessary.
Warming up scanner	The scanner is warming up.	No action is necessary.
Windows login required to use this feature	A Windows login is required.	Enter a Windows login.

Event log messages

Print an event log

Print the event log

1. Touch **Administration**.
2. Scroll to and touch **Troubleshooting**.
3. Touch **Print Event Log**.

Show an event log

View the event log from the control panel

1. Touch **Administration**.
2. Scroll to and touch **Troubleshooting**.
3. Touch **Show Event Log**.

Clear the event log

Use the **Service** menu to clear the event log.

Clear the event log

1. Touch **Administration**.
2. Scroll to and touch **Service**.
3. Touch **Clear Event Log**.

Event log message table

Event log message	Description	Comments
10.40.00	Genuine HP Supplies Installed	Transition from at least one non-HP to all genuine HP supplies. (no control panel message)
10.50.23	Fuser kit life reset above order threshold.	For products without fusible link
10.80.YY	Override not in use due to user limit <ul style="list-style-type: none">• YY = 00 black print cartridge (K)• YY = 01 cyan print cartridge (C)• YY = 02 magenta print cartridge (M)• YY = 03 yellow print cartridge (Y)	The cartridge out override is deactivated because the user limit was reached on at least one cartridge.
10.81.00	Not printing black only	Printing monochrome after the color cartridge out was deactivated

Event log message	Description	Comments
10.88.YY	Override not in use	The cartridge out override was deactivated because the limit was reached on at least one cartridge.
10.89.YY	<ul style="list-style-type: none"> YY = 00 black print cartridge (K) YY = 01 cyan print cartridge (C) YY = 02 magenta print cartridge (M) YY = 03 yellow print cartridge (Y) 	
13.02.00	PAPER STOP JAM IN TRAY 2 AT SENSOR D	
13.05.00	PAPER LATE JAM BETWEEN SENSORS D AND F	
13.06.00	PAPER JAM IN FUSER	
13.10.00	PAPER LATE JAM IN DUPLEX AREA SENSORS F-G	
13.11.00	PAPER STOP JAM IN DUPLEX AREA AT SENSOR G	
13.12.00	PAPER LATE JAM IN DUPLEX AREA SENSORS H-D	
13.13.00	PAPER STOP JAM IN DUPLEX AREA SENSORS G-H	
13.1C.00	FUSER WRAP JAM, PAPER IN FUSER	
13.20.00	PAPER EJECT JAM AT SENSORS E, F-G	
13.21.00	DOOR OPEN JAM	
13.2B.00	NON-SPECIFIC PAPER JAM	
13.2C.00	NON-SPECIFIC PAPER JAM	
13.2D.00	NON-SPECIFIC PAPER JAM	
13.2E.00	PAPER LATE JAM NEAR FUSER AT SENSORS F-J	
13.30.00	PAPER LATE JAM, JAM IN CASSETTE	
14.X	Feed roller error <ul style="list-style-type: none"> X = 2 Tray 2 (upper cassette) X = 3 Tray 3 (lower cassette) 	Feed roller life warning
54.05	Printer error OHT sensor out of range	Waste toner sensor failure
54.0D.XX	Halftone calibration errors <ul style="list-style-type: none"> XX=00: Black density-measurement abnormality XX=01: Cyan density-measurement abnormality 	<ol style="list-style-type: none"> 1. Scroll to and touch Administration. 2. Scroll to and touch Print Quality. 3. Touch Calibration/Cleaning.

Event log message	Description	Comments
	<ul style="list-style-type: none"> XX=02: Magenta density-measurement abnormality XX=03: Yellow density-measurement abnormality 	<ol style="list-style-type: none"> Touch Full Calibration. Touch Calibrate.
54.0F.XX	<ul style="list-style-type: none"> XX=00: Black misregistration is out of range. XX=01: Cyan misregistration is out of range. XX=02: Magenta misregistration is out of range. XX=03: Yellow misregistration is out of range. 	<ol style="list-style-type: none"> Scroll to and touch Administration. Scroll to and touch Print Quality. Touch Calibration/Cleaning. Touch Full Calibration. Touch Calibrate.
54.14	CPR sensor abnormality	<ol style="list-style-type: none"> Scroll to and touch Administration. Scroll to and touch Print Quality. Touch Calibration/Cleaning. Touch Full Calibration. Touch Calibrate.
54.1E.XX	Halftone calibration error.	<ol style="list-style-type: none"> Scroll to and touch Administration. Scroll to and touch Print Quality. Touch Calibration/Cleaning. Touch Full Calibration. Touch Calibrate.
55.06.01	The DC controller NVRM has an abnormal read/write.	<ol style="list-style-type: none"> Turn the product off then on. If the error persists, replace the DC Controller. See DC controller PCA and tray on page 270.
55.06.02	The DC controller NVRM is not accessible.	<ol style="list-style-type: none"> Turn the product off then on. If the error persists, replace the DC Controller. See DC controller PCA and tray on page 270.
55.901C	DCC restored	DCC NVRAM was restored from the formatter.
61.00.01	Color table error	This event occurs when the color table cannot read a table from the disk and the component reverts to the version in RAM. The file could be corrupt, missing, or the disk could have failed. No messages display on the control panel.
67.XX.00		A system variable (XX) is out of range.
68 8X01	Permanent storage was reset to factory default because the current value was not valid.	

Event log message	Description	Comments
68 8X02	The permanent storage is full.	
8x7345	Disk was successfully cleaned or sanitized.	
8x7346	The disk cleaning or sanitization failed.	
88.00	The engine self-test failed.	
99.00.01	Upgrade not performed, file is corrupt.	CRC error in the firmware image (bad image)
99.00.02	Upgrade not performed, timeout during receive.	IO timeout when reading header number and size
99.00.03	Upgrade not performed, error writing to disk	Disk error: write operation failed
99.00.04	Upgrade not performed, timeout during receive.	IO timeout when reading rest of header
99.00.05	Upgrade not performed, timeout during receive.	IO timeout when reading image data
99.00.06	Upgrade not performed, error reading upgrade.	Unexpected read error when reading header number and size
99.00.07	Upgrade not performed, error reading upgrade.	Unexpected read error when reading rest of header
99.00.14	Upgrade not performed, the file is invalid	The header number is greater than 2, but the header size is too small for this future header version.

Clear paper jams

Common causes of jams

The product is jammed.

Cause	Solution
The paper does not meet specifications.	Use only paper that meets HP specifications. See Supported paper and print media on page 56 .
A component is installed incorrectly.	Verify that the transfer belt and transfer roller are correctly installed.
You are using paper that has already passed through a product or copier.	Do not use paper that has been previously printed on or copied.
An input tray is loaded incorrectly.	Remove any excess paper from the input tray. Make sure that the stack is below the maximum stack height mark in the tray. See Load paper and print media on page 62 .
The paper is skewed.	The input-tray guides are not adjusted correctly. Adjust them so they hold the stack firmly in place without bending it.
The paper is binding or sticking together.	Remove the paper, flex it, rotate it 180°, or flip it over. Reload the paper into the input tray.
The paper is removed before it settles into the output bin.	Reset the product. Wait until the page completely settles in the output bin before removing it.
During two-sided printing, you removed the paper before the second side of the document was printed.	Reset the product and print the document again. Wait until the page completely settles in the output bin before removing it.
The paper is in poor condition.	Replace the paper.
The internal tray rollers are not picking up the paper.	If the paper is heavier than 220 g/m ² (58 lb), it might not be picked from the tray. The rollers are worn. Replace the rollers.
The paper has rough or jagged edges.	Replace the paper.
The paper is perforated or embossed.	Perforated or embossed paper does not separate easily. Feed single sheets from Tray 1.
Paper was not stored correctly.	Replace the paper in the trays. Paper should be stored in the original packaging in a controlled environment.
Not all product packing material was removed.	Verify that the packing tape, cardboard, and plastic shipping locks have been removed from the product.

Jam locations

Use this illustration to identify locations of jams. In addition, instructions appear on the control panel to direct you to the location of jammed paper and how to clear it.


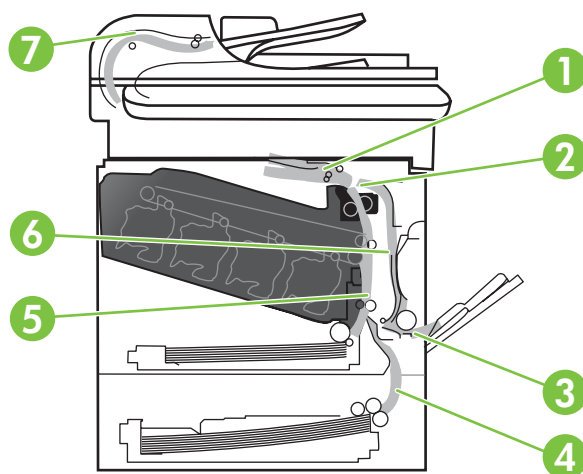
 **NOTE:** Internal areas of the product that might need to be opened to clear jams have green handles or green labels.


Figure 7-50 Jam locations



1	Output-bin area
2	Fuser area
3	Tray 1 area
4	Optional 500-sheet paper and heavy media tray (Tray 3)
5	Tray 2 pickup area
6	Duplexing area
7	Document feeder area

Clear jams

When a jam occurs, a message appears on the control-panel display that describes the location of the jam.

 **WARNING!** To avoid electrical shock, remove any necklaces, bracelets, or other metal items before reaching into the inside of the product.

Type of jam	Procedure
13.XX.YY - Jam inside right door	See Clear jams in the right door on page 475
13.XX.YY - Jams inside right door	
13.XX.YY - Fuser area jam	See Clear jams in the right door on page 475 .
13.XX.YY - Fuser wrap jam	
13.XX.YY - Jam below control panel	See Clear jams in the output bin area on page 479 .

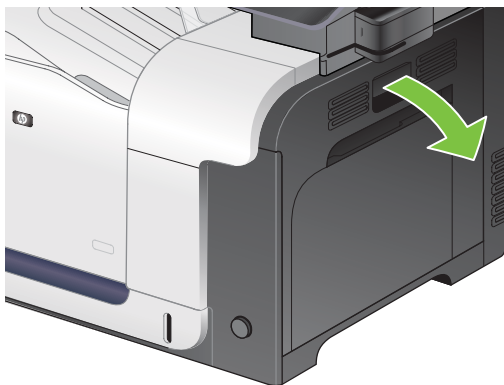
Type of jam	Procedure
13.XX.YY - Jam in tray 1	See Clear jams in Tray 1 on page 480.
13.XX.YY - Jam in tray 2	See Clear jams in Tray 2 on page 482.
13.XX.YY - Jam in tray 3	See Clear jams in the optional 500-sheet paper and heavy media tray (Tray 3) on page 483
13.XX.YY - Jam inside lower-right door	See Clear jams in the lower right door (Tray 3) on page 484.

Clear jams in the right door

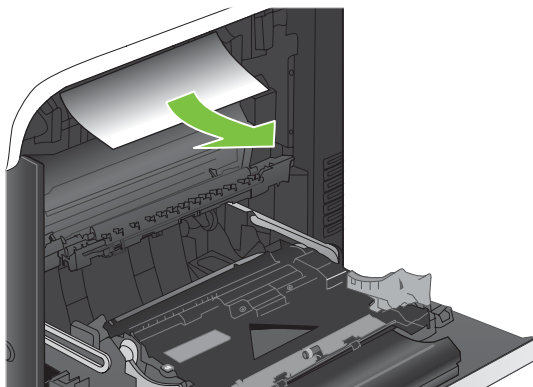
△ **CAUTION:** The fuser can be hot while the product is in use. Wait for the fuser to cool before handling it.

💡 **TIP:** To see an animation of this procedure go to this Web site: www.hp.com/go/cljcm3530mfp-right-door-jams.

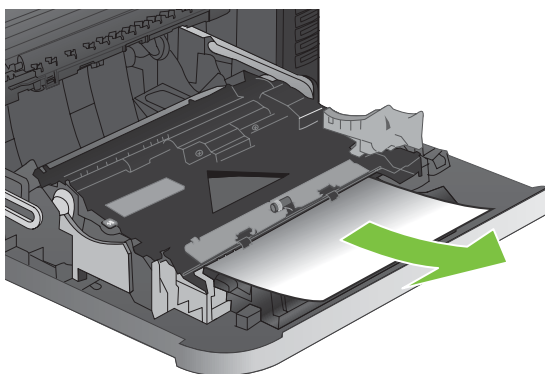
1. Open the right door.



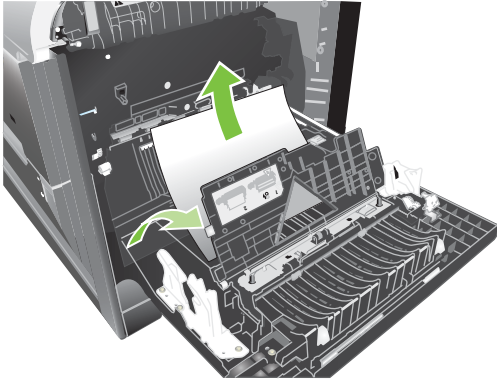
2. If paper is jammed as it enters the output bin, gently pull the paper downward to remove it.



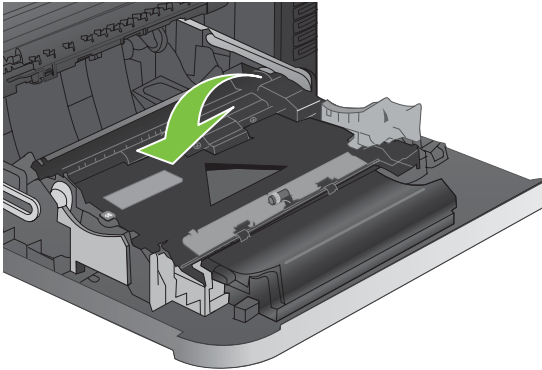
3. If paper is jammed inside the right door, gently pull the paper to remove it.



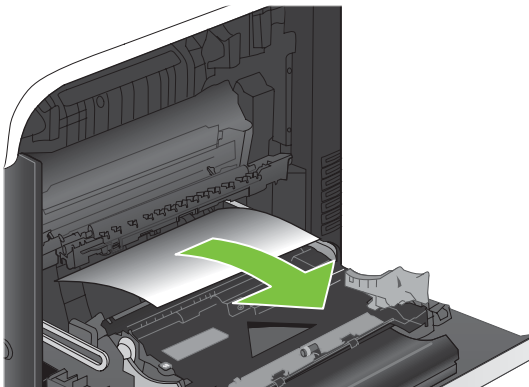
4. Lift the paper-feed cover on the inside of the right door. If jammed paper is present, gently pull the paper straight out to remove it.



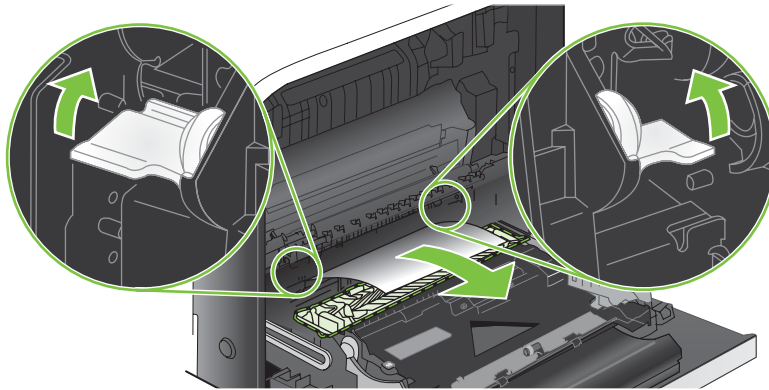
5. Close the paper-feed cover.



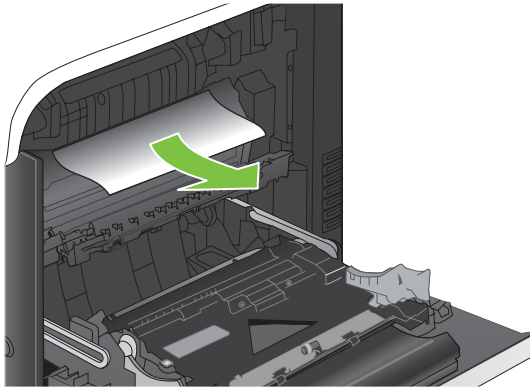
6. Gently pull the paper out of the pickup area.



7. Look for paper in the Tray 2 roller area. Near the bottom of the right side, squeeze the two green levers upward to release the jam-access door. Remove any jammed paper, and close the door.



8. If paper is visible entering the bottom of the fuser, gently pull downward to remove it.

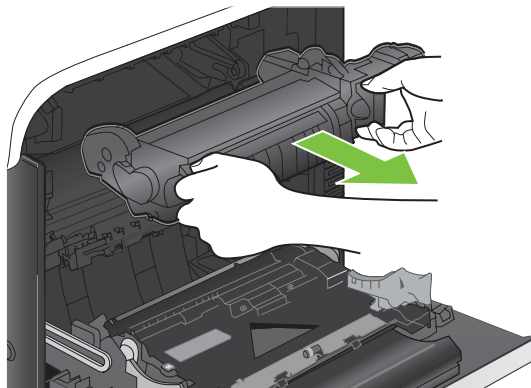


△ **CAUTION:** Do not touch the rollers on the transfer roller. Contaminates can affect print quality.

9. Paper could be jammed inside the fuser where it would not be visible. Remove the fuser to check for jammed paper inside.

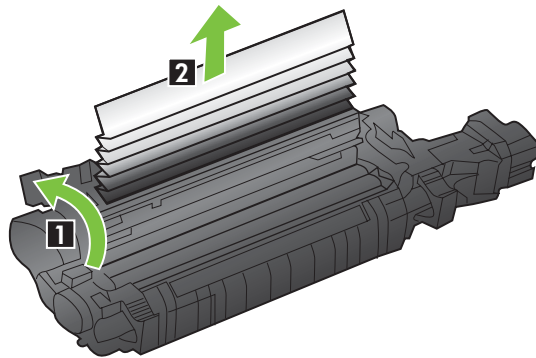
△ **CAUTION:** The fuser can be hot while the product is in use. Wait for the fuser to cool before handling it.

- a. Grasp the fuser handles, lift up slightly, and pull straight out to remove the fuser.



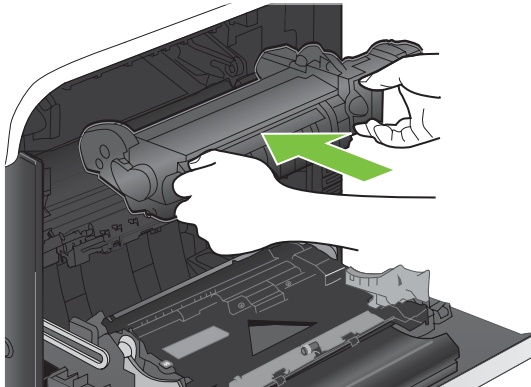
- b. Open the jam-access door. If paper is jammed inside the fuser, gently pull it straight up to remove it. If the paper tears, remove all paper fragments.

△ **CAUTION:** Even if the body of the fuser has cooled, the rollers that are inside could still be hot. Do not touch the fuser rollers until they have cooled.

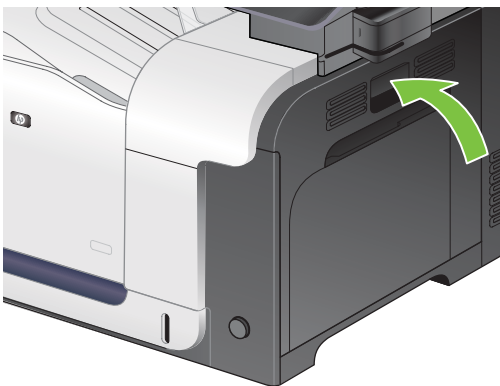


- | | |
|---|---------------------------|
| 1 | Open the jam-access door. |
| 2 | Remove the jammed paper. |


- c. Close the jam-access door, and push the fuser completely into the product.



10. Close the right door.



Clear jams in the output bin area

 **TIP:** To see an animation of this procedure go to this Web site: www.hp.com/go/cljcm3530mfp-output-jams.


1. If paper is visible from the output bin, grasp the leading edge and remove it.



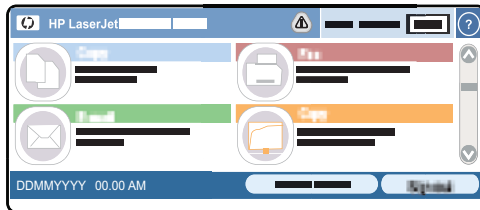
2. If jammed paper is visible in the duplex output area, gently pull it to remove it.



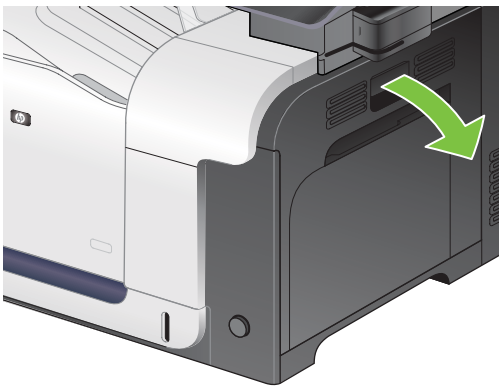
Clear jams in Tray 1

 **TIP:** To see an animation of this procedure go to this Web site: www.hp.com/go/cljcm3530mfp-tray1-jams.

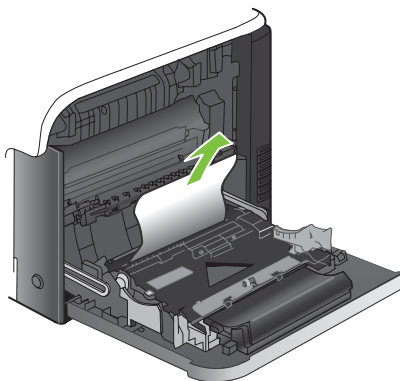
1. If jammed paper is visible in Tray 1, clear the jam by gently pulling the paper straight out. Touch the **OK** button to clear the message.



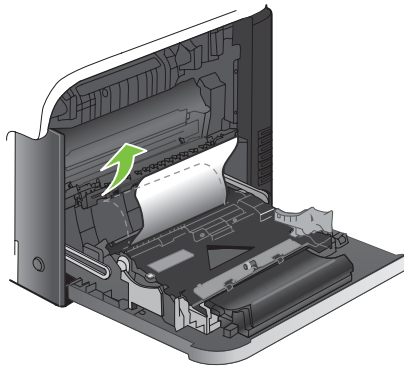
2. If you cannot remove the paper, or if no jammed paper is visible in Tray 1, close Tray 1 and open the right door.



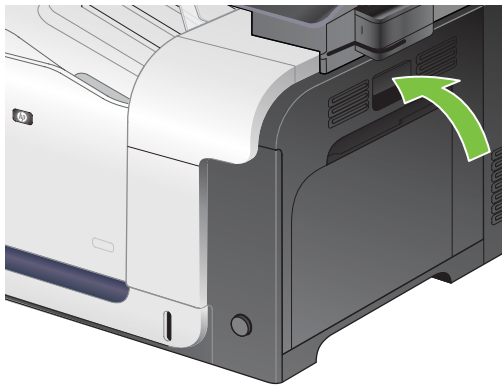
3. If paper is visible inside the right door, gently pull the trailing edge to remove it.



4. Gently pull the paper out of the pick up area.



5. Close the right door.

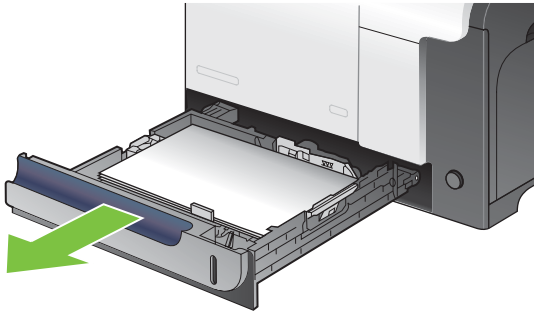


Clear jams in Tray 2

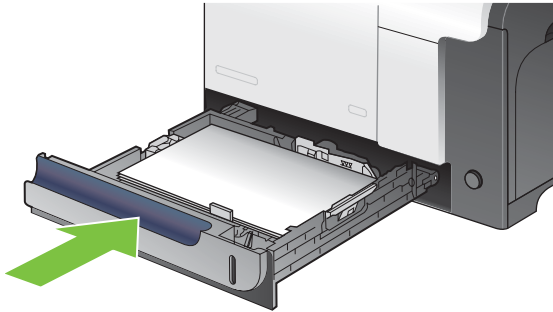
△ **CAUTION:** Opening a tray when paper is jammed can cause the paper to tear and leave pieces of paper in the tray, which might cause another jam. Be sure to clear jams before opening the tray.

💡 **TIP:** To see an animation of this procedure go to this Web site: www.hp.com/go/cljcm3530mfp-tray2-jams.


1. Open Tray 2 and make sure that the paper is stacked correctly. Remove any jammed or damaged sheets of paper.



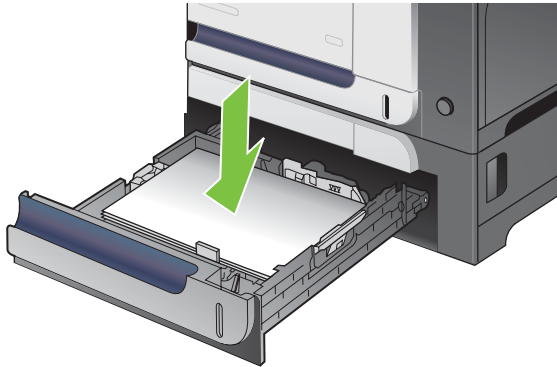
2. Close the tray.



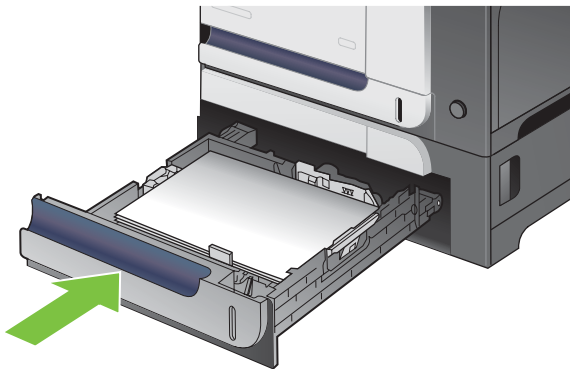
Clear jams in the optional 500-sheet paper and heavy media tray (Tray 3)

 **TIP:** To see an animation of this procedure go to this Web site: www.hp.com/go/cljcm3530mfp-tray3-jams.


1. Open Tray 3 and make sure that the paper is stacked correctly. Remove any damaged or jammed sheets of paper.



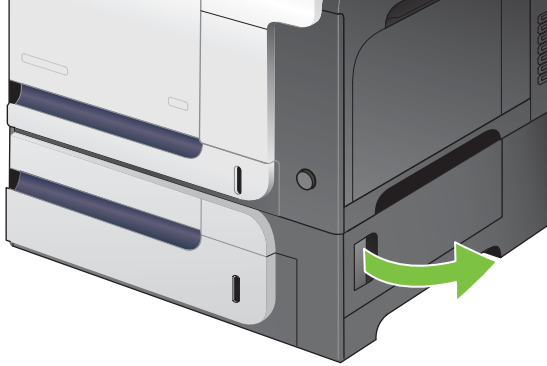
2. Close Tray 3.



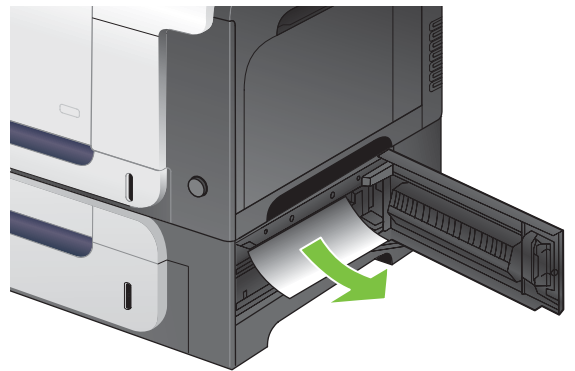
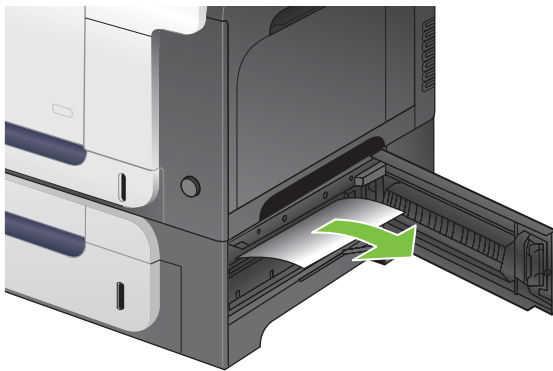
Clear jams in the lower right door (Tray 3)

 **TIP:** To see an animation of this procedure go to this Web site: www.hp.com/go/cljcm3530mfp-lower-right-door-jams.

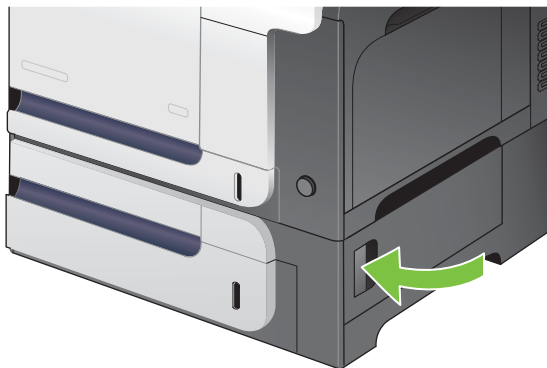
1. Open the lower right door.




2. If paper is visible, gently pull the jammed paper up or down to remove it.



3. Close the lower right door.



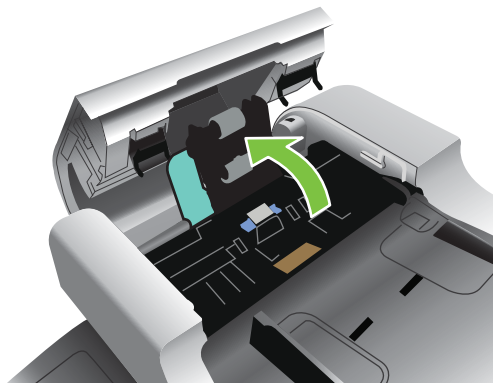
Clear jams in the document feeder

 **TIP:** To see an animation of this procedure go to this Web site: www.hp.com/go/cljcm3530mfp-adf-jams.

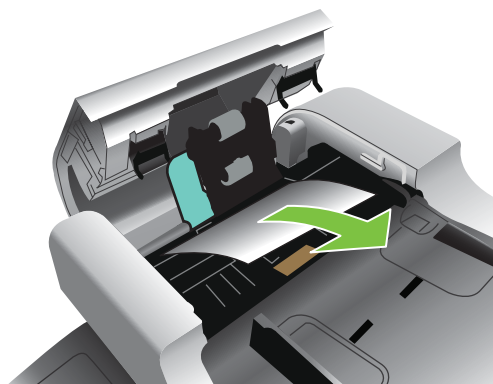
1. Open the document feeder cover.



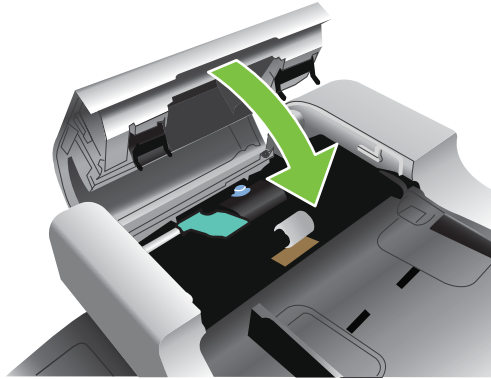
2. Lift the rollers.



3. Remove any jammed paper.



4. Close the document feeder cover.



Jam recovery

This product provides jam recovery, a feature that reprints jammed pages. The following options are available:

- **Auto** setting — The product attempts to reprint jammed pages when sufficient memory is available.
- **Off** setting — The product does not attempt to reprint jammed pages. Because no memory is used to store the most recent pages, performance is optimal.



NOTE: When using this option, if the product runs out of paper and the job is being printed on both sides, some pages can be lost.

- **On** setting — The product always reprints jammed pages. Additional memory is allocated to store the last few pages printed. This might cause overall performance to suffer.

Set the jam recovery feature

1. Touch the **Administration** menu and then touch the **Device Behavior** setting.
2. Touch the **Warning/Error Behavior** setting and then touch the **Jam Recovery** setting.
3. Touch an option and then touch the **Save** button.

Solve paper-handling problems

Use only paper that meets the specifications outlined in the *HP LaserJet Printer Family Print Media Guide*. Always configure the paper type on the control panel to match the type of paper that is loaded in the tray.

Product feeds multiple sheets

Product feeds multiple sheets	
Cause	Solution
The input tray is overfilled. Open the tray and verify that the paper stack is below the maximum stack height mark.	Remove excess paper from the input tray.
Print paper is sticking together.	Remove paper, flex it, rotate it 180 degrees or flip it over, and then reload it into the tray. NOTE: Do not fan paper. Fanning can cause static electricity, which can cause paper to stick together.
Paper does not meet the specifications for this product.	Use only paper that meets HP paper specifications for this product.
Trays are not properly adjusted.	Make sure that the paper guides match the size of paper being used.

Product feeds incorrect page size

Product feeds incorrect page size	
Cause	Solution
The correct size paper is not loaded in the input tray.	Load the correct size paper in the input tray.
The correct size paper is not selected in the software program or printer driver.	Confirm that the settings in the software program and printer driver are correct, because the software program settings override the printer driver and control panel settings, and the printer driver settings override the control panel settings.
The correct size paper for the tray is not selected in the product control panel.	From the control panel, select the correct size paper for the tray.
The paper size is not configured correctly for the input tray.	Print a configuration page or use the control panel to determine the paper size for which the tray is configured.
The guides in the tray are not against the paper.	Verify that the paper guides are touching the paper.

Product pulls from incorrect tray

Product pulls from incorrect tray	
Cause	Solution
You are using a driver for a different product.	Use a driver for this product.
The specified tray is empty.	Load paper in the specified tray.

Product pulls from incorrect tray

Cause	Solution
The paper size is not configured correctly for the input tray.	Print a configuration page or use the control panel to determine the paper size for which the tray is configured.
The guides in the tray are not against the paper.	Verify that the guides are touching the paper.

Paper does not feed automatically

Paper does not feed automatically

Cause	Solution
Manual feed is selected in the software program.	Load Tray 1 with paper, or, if the paper is loaded, press the checkmark button ✓.
The correct size paper is not loaded.	Load the correct size paper.
The input tray is empty.	Load paper into the input tray.
Paper from a previous jam has not been completely removed.	Open the product and remove any paper in the paper path.
The paper size is not configured correctly for the input tray.	Print a configuration page or use the control panel to determine the paper size for which the tray is configured.
The guides in the tray are not against the paper.	Verify that the rear and width paper guides are touching the paper.
The manual-feed prompt is set to ALWAYS . The product always prompts for manual feed, even if the tray is loaded.	Open the tray, reload the media, and then close the tray. Or, change the manual-feed prompt setting to UNLESS LOADED , so that the product prompts for manual feed only when the tray is empty.
The USE REQUESTED TRAY setting on the product is set to EXCLUSIVELY , and the requested tray is empty. The product will not use another tray.	Load the requested tray. Or, change the setting from EXCLUSIVELY to FIRST on the CONFIGURE DEVICE menu. The product can use other trays if no media is loaded in the specified tray.

Paper does not feed from Tray 2 or 3

Paper does not feed from Tray 2 or 3

Cause	Solution
The correct size paper is not loaded.	Load the correct size paper.
The input tray is empty.	Load paper in the input tray.
The correct paper type for the input tray is not selected in the product control panel.	From the product control panel, select the correct paper type for the input tray.
Paper from a previous jam has not been completely removed.	Open the product and remove any paper in the paper path. Closely inspect the fuser area for jams.
None of the optional trays appear as input tray options.	The optional trays only display as available if they are installed. Verify that any optional trays are correctly installed. Verify that

Paper does not feed from Tray 2 or 3

Cause	Solution
	the printer driver has been configured to recognize the optional trays.
An optional tray is incorrectly installed.	Print a configuration page to confirm that the optional tray is installed. If not, verify that the tray is correctly attached to the product.
The paper size is not configured correctly for the input tray.	Print a configuration page or use the control panel to determine the paper size for which the tray is configured.
The guides in the tray are not against the paper.	Verify that the guides are touching the paper.

Transparencies or glossy paper will not feed

Transparencies or glossy paper will not feed

Cause	Solution
The correct paper type is not specified in the software or printer driver.	Verify that the correct paper type is selected in the software or printer driver.
The input tray is overfilled.	Remove excess paper from the input tray. Do not exceed the maximum stack height marks for the tray.
Paper in another input tray is the same size as the transparencies, and the product is defaulting to the other tray.	Make sure that the input tray containing the transparencies or glossy paper is selected in the software program or printer driver. Use the product control panel to configure the tray to the paper type loaded.
The tray containing the transparencies or glossy paper is not configured correctly for type.	Make sure that the input tray containing the transparencies or glossy paper is selected in the software program or printer driver. Use the product control panel to configure the tray to the paper type loaded.
Transparencies or glossy paper might not meet supported paper specifications.	Use only paper that meets the HP paper specifications for this product.
High-humidity environments may cause glossy paper not to feed, or to feed too many sheets.	Avoid printing glossy paper in high humidity conditions. When printing glossy paper, removing the paper from the wrapper and letting it rest for a few hours can improve feeding into the product. However, letting paper rest in humid environments may also cause blisters.

Envelopes jam or will not feed in the product

Envelopes jam or will not feed in the product

Cause	Solution
Envelopes are loaded in an unsupported tray. Only Tray 1 can feed envelopes.	Load envelopes into Tray 1.
Envelopes are curled or damaged.	Try using different envelopes. Store envelopes in a controlled environment.
Envelopes are sealing because the moisture content is too high.	Try using different envelopes. Store envelopes in a controlled environment.

Envelopes jam or will not feed in the product

Cause	Solution
Envelope orientation is incorrect.	Verify that the envelope is loaded correctly.
This product does not support the envelopes being used.	Refer to the <i>HP LaserJet Printer Family Print Media Guide</i> .
Tray 1 is configured for a size other than envelopes.	Configure Tray 1 size for envelopes.

Output is curled or wrinkled

Output is curled or wrinkled

Cause	Solution
Paper does not meet the specifications for this product.	Use only paper that meets the HP paper specifications for this product.
Paper is damaged or in poor condition.	Remove paper from the input tray and load paper that is in good condition.
Product speed needs to be reduced.	Set the PAPER CURL option in the Print Quality menu to REDUCED to decrease full speed to 10 ppm (instead of 40 ppm) and 3/4 speed to 7.5 ppm (instead of 30 ppm).
Product is operating in an excessively humid environment.	Verify that the printing environment is within humidity specifications.
You are printing large, solid-filled areas.	Large, solid-filled areas can cause excessive curl. Try using a different pattern.
Paper used was not stored correctly and might have absorbed moisture.	Remove paper and replace it with paper from a fresh, unopened package.
Paper has poorly cut edges.	Remove paper, flex it, rotate it 180 degrees or turn it over, and then reload it into the input tray. Do not fan paper. If the problem persists, replace the paper.
The specific paper type was not configured for the tray or selected in the software.	Configure the software for the paper (see the software documentation). Configure the tray for the paper, see Load paper and print media on page 62 .
The paper has previously been used for a print job.	Do not re-use paper.

Product will not duplex or duplexes incorrectly

Product will not duplex (print 2-sided jobs) or duplexes incorrectly

Cause	Solution
You are trying to duplex on unsupported paper.	Verify that the paper is supported for duplex printing.
The printer driver is not set up for duplex printing.	Set up the printer driver to enable duplex printing.

Product will not duplex (print 2-sided jobs) or duplexes incorrectly

Cause	Solution
The first page is printing on the back of preprinted forms or letterhead.	Load preprinted forms and letterhead in Tray 1 with the letterhead or printed side down, with the top of the page leading into the product. For Tray 2 and 3, load the paper printed side up with the top of the page toward the right of the product.
The product configuration is not set for duplexing.	<p>In Windows, run the automatic configuration feature:</p> <ol style="list-style-type: none">1. Click the Start button, point to Settings, and then click Printers (for Windows 2000) or Printers and Faxes (for Windows XP).2. Right-click the HP product icon, and then click Properties or Printing Preferences.3. Click the Device Settings tab.4. Under Installable Options, click Update Now in the Automatic Configuration list.

Use manual print modes

Try the following multi-purpose (MP) modes to see if they solve the image-quality problems. At the control panel, touch **Administration**, and then **Print Quality**, and then scroll to the **Print Modes** or **Optimize** submenus.

If you are having print-quality problems when using a specific paper type, use the **Print Modes** submenu to override the factory-default mode setting can sometimes resolve the print quality problems. You can associate a different print mode with each paper type.

Use the **Optimize** submenu to optimize print engine parameters to get the best possible print quality for all the jobs rather than printing by media type. Use the **Restore Optimize** option to reset all of the **Optimize** parameters back to the factory default settings

Table 7-13 MP modes under the **Adjust paper types>** sub menu

PRINT MODE	<ul style="list-style-type: none">• Plain• Light 60-74g• Intermediate 85-95g• Bond• Recycled• Mid-Weight 96-110g• Heavy 111-130g• Mid-Wt Glossy 96-110• Hvy Glossy 111-130g• Extra Heavy 131-175• Xhvy Glossy 131-175g• Card Stock 176-220g• Card Glossy 176-220• Transparency• Labels
NOTE: Not all print modes are available for all paper types.	

Table 7-14 MP modes under the **Optimize** submenu

BACKGROUND	Set to ALTERNATIVE 1 when a background occurs all over the page. Set to ALTERNATIVE 2 when thin vertical lines appear on the page. Set to ALTERNATIVE 3 when the other alternatives do not correct the problem.
REGISTRATION	Set to ALTERNATIVE when color misregistration occurs.
TRANSFER CONTROL	Set to ALTERNATIVE 1 to reduce primary transfer bias and to resolve low density or blotchy images. Set to ALTERNATIVE 2 to resolve ghosting outlines that look like a finger or fingers. Set to ALTERNATIVE 3 when the other alternatives do not correct the problem.

Table 7-14 MP modes under the Optimize submenu (continued)

TRAY1	Set the mode to ALTERNATE if you are seeing marks on the back side of the paper when printing from Tray 1. This sets the product to initiate a clean sequence every time a job finishes when the product is set for Any Size and Any Type for Tray 1.
ENVIRONMENT	Set to LOW TEMP if the product is operating in a low-temperature environment and you are having problems with print quality such as blisters in the printed image.
LINE VOLTAGE	Set to LOW VOLTAGE if the product is operating in a low-voltage environment and you are having problems with print quality such as blisters in the printed image.
TRACKING CONTROL	Improves color stability by adjusting the bias voltage. Make sure this mode is set to ON .
UNIFORMITY CONTROL	Set to ALTERNATIVE 1 to improve uniformity on any paper type. Set to ALTERNATIVE 2 to improve uniformity on normal and light paper types. Set to ALTERNATIVE 3 when the other alternatives do not correct the problem.
NORMAL PAPER	Set to SMOOTH when printing on smooth paper of normal weight.
HEAVY PAPER	Set to SMOOTH when printing on smooth, heavy media types.
ENVELOPE MODE	Set to REDUCED TEMP if envelopes are sticking due to moisture in the envelop adhesive.
RESISTANCE MODE	Set to Up to resolve print-quality issues caused by poor secondary transfer in low-humidity environments with resistive or rough surface media.
HUMIDITY MODE	<p>With glossy film, set to High when the product is in a high-humidity environment and print-quality defects occur on HP Tough Paper or Opaque film.</p> <p>With transparencies, set to High when the product is in a high-humidity environment and print-quality defects occur on color transparencies on the first page of a print job.</p> <p>With all other paper types, set to High when the product is in a high-humidity environment and light density occurs on the first page of a print job.</p>
PRE-ROTATION MODE	Set this feature to ON if horizontal banding occurs on pages.
FUSER TEMP MODE	If you are seeing a faint image of the page repeated at the bottom of the page or on the following page, first make sure the Paper Type and Print Mode settings are correct for the type of paper you are using. If you continue to see ghost images on your print jobs, set the Fuser Temp feature to one of the Alternate settings . Try the ALTERNATE 1 setting first and see if it solves the problem. If you continue to see the problem, try ALTERNATE 2 and then ALTERNATE 3 . Using the ALTERNATE 2 and ALTERNATE 3 settings might cause an extra delay between jobs.
PAPER CURL MODE	Use in high-humidity and high-temperature environments. The REDUCED setting decreases fuser temperature and increases the interpage gap.
RESTORE OPTIMIZE	Return all settings to the factory-default settings.




Solve image-quality problems



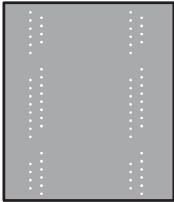

This section helps you define print-quality problems and what to do to correct them. Often print-quality problems can be handled easily by making sure that the product is properly maintained, using paper that meets HP specifications, or running a cleaning page.


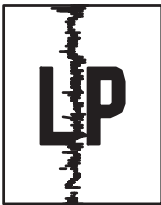




Image defects table

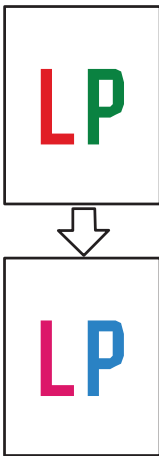


The following examples depict letter-size paper that has passed through the product short-edge first. These examples illustrate problems that would affect all of the pages that you print, whether you print in color or in black only. The topics that follow list the typical cause and solution for each of these examples.


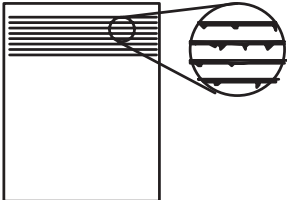


For ADF image-quality problems, verify that the scanner is scanning from the ADF and not the scanner glass. If it is scanning from the glass, you should see the scanner illuminate and the optical head move the entire length of the glass. If no document is on the glass, a blank page is produced.




Problem	Cause	Solution
Print is light or faded on entire page. 	Poor contacts exist on the ITB unit and the product grounding unit. Poor secondary transfer contacts with exist on the secondary transfer roller and the ITB.	Clean the grounding contacts. If the problem remains after cleaning, check the contacts for damage. Replace any deformed or damaged parts. Clean the contacts. If the problem remains after cleaning, check the contacts for damage. Replace any deformed or damaged parts.
Print is light or faded in a particular color. 	Poor primary transfer bias contacts on the ITB unit and product. Poor primary charging bias contacts with the print cartridge and product. Poor developing bias contacts with the print cartridge and product.	Clean the contacts of the color that produces the light print. If the problem remains after cleaning, check the contacts for damage. Replace any deformed or damaged parts.
Image is too dark. 	The image-density sensor is defective.	Replace the color misregistration/image-density sensor unit.

Problem	Cause	Solution
Page is blank. 	<p>The source document was not placed in the ADF input tray face-up.</p> <p>The source document was not detected in the ADF input tray.</p> <p>A source document was not picked up when attempting to feed multiple documents.</p>	<p>Verify that the source document is face-up in the ADF input tray.</p> <p>Remove and then reinsert the source document into the ADF, making sure that it is placed face-up.</p> <p>Inspect the ADF pickup and feed rollers and the ADF separation pad for damage. Clean the rollers if they are dirty. If the ADF separation pad or rollers are worn, replace them. See ADF roller assembly and separation pad on page 215.</p>
	<p>The high-voltage power-supply lower is defective (no developing bias output).</p>	<p>Replace the high-voltage power-supply lower. See High-voltage power supply lower on page 308.</p>
The page is all black or a solid color. 	<p>Poor contact exists in the primary charging bias or developing bias contacts between the print cartridge and the product.</p>	<p>Clean each contact of the color that produces the all black or solid color. If the problem remains after cleaning, check the contacts for damage. Replace any deformed or damaged parts.</p>
White spots appear in an image 	<p>The static charge eliminator is dirty.</p> <p>The primary transfer roller is deformed or has deteriorated.</p> <p>The secondary transfer roller is deformed or has deteriorated.</p>	<p>Clean the static charge eliminator.</p> <p>Replace the ITB. See Intermediate transfer belt (ITB) on page 209.</p> <p>Replace the secondary-transfer-roller. See Secondary transfer roller on page 205.</p>
The back of the page is dirty. 	<p>The secondary transfer roller is dirty.</p> <p>The fuser inlet guide or separation guide is dirty.</p> <p>The pressure roller is dirty.</p>	<p>Replace the secondary transfer roller. See Secondary transfer roller on page 205.</p> <p>Clean the dirty parts. If the dirt does not come off, replace the guide.</p> <p>Execute the cleaning page. If the dirt does not come off, replace the fuser.</p>

Problem	Cause	Solution
Vertical streaks or bands appear on the page. 	The ADF small glass might be dirty.	Clean the ADF small glass.
	Scratches are present on the circumference of the photosensitive drum.	Replace the print cartridge of the color that matches the defect.
	Scratches are present on the circumference of the fuser roller.	Replace the fuser. See Fuser on page 200 .
	Scratches are present on the circumference of the ITB.	Replace the ITB. See Intermediate transfer belt (ITB) on page 209 .
	The ITB drive roller is deformed or has deteriorated.	
	The ITB cleaning mechanism is malfunctioning.	
Vertical white lines appear in a particular color. 	The laser beam window is dirty.	Clean the window and remove any foreign substances.
	Scratches are present on the circumference of the developing cylinder or photosensitive drum.	Replace the print cartridge of the color that matches the defect.
	The laser/scanner-unit mirror is dirty.	Replace the laser/scanner assembly. See Laser/scanner assembly (Y/M) on page 325 or Laser/scanner assembly (C/Bk) on page 332 .
Vertical white lines appear in all colors. 	Horizontal scratches on the fuser roller.	Replace the fuser. See Fuser on page 200 .
	Scratches are present on the circumference of the ITB.	Replace the ITB. See Intermediate transfer belt (ITB) on page 209 .
Horizontal lines appear on the page. 	Repetitive horizontal lines appear.	Use the repetitive defects ruler to identify the dirty roller. Clean the roller. If the roller cannot be cleaned, replace the roller.
	Horizontal scratches are present on the photosensitive drum.	Replace the print cartridge of the color that matches the defect.
	Horizontal scratches are present on the fuser roller.	Replace the fuser. See Fuser on page 200 .
A horizontal white line appears on the page. 	Repetitive horizontal white lines appear.	Use the repetitive defects ruler to identify the dirty roller. Clean the roller. If the roller cannot be cleaned, replace the roller.
	Horizontal scratches are present on the photosensitive drum.	Replace the print cartridge of the color that matches the defect.
	Scratches are present on the circumference of the ITB.	Replace the ITB. See Intermediate transfer belt (ITB) on page 209 .

Problem	Cause	Solution
Image in a particular color does not print in the correct color.	Poor contact exists in the primary charging bias or developing bias contacts between the print cartridge and the product.	Clean each contact of the color that produces the missing color. If the problem remains after cleaning, check the contacts for damage. Replace any deformed or damaged parts.
	The print cartridge (primary charging roller, developing roller, or photosensitive drum) is defective.	Replace the print cartridge of the color that matches the defect.
	The high-voltage power-supply lower is defective (no primary charging bias or developing bias output).	Replace the high-voltage power-supply lower. See High-voltage power supply lower on page 308 .
	The laser/scanner unit is defective.	Replace the laser/scanner assembly. See Laser/scanner assembly (Y/M) on page 325 or Laser/scanner assembly (C/Bk) on page 332 .
Dropouts appear.	The secondary transfer roller is deformed or has deteriorated.	Replace the secondary-transfer-roller. See Secondary transfer roller on page 205 .
	The primary charging roller, developing roller, or photosensitive drum is deformed or has deteriorated.	Replace the print cartridge of the color that matches the defect.
	The fuser roller is deformed or has deteriorated.	Replace the fuser.
	The high-voltage power-supply T PCA is defective (no transfer bias output).	Replace the high-voltage power-supply upper. See High-voltage power supply upper on page 339 .
The toner is not fully fused to the paper.	The fuser roller or pressure roller is scarred or deformed.	Replace the fuser. See Fuser on page 200 .
	The fuser control PCA is defective.	Replace the low-voltage power supply. See Fuser on page 200 .
	The thermistor is defective.	Replace the fuser. See Fuser on page 200 .
	The fuser heater is defective.	

Problem	Cause	Solution
<p>Some color is misregistered.</p> 	<p>The product is incorrectly calibrated.</p>	<p>Calibrate the product.</p>
	<p>The ITB unit is defective.</p>	<p>If the ITB does not rotate smoothly or a cleaning malfunction occurs (ITB is dirty), replace the ITB. See Intermediate transfer belt (ITB) on page 209.</p>
	<p>The drive gear of the ITB motor is worn or chipped.</p>	<p>Check each drive gear between the ITB drive roller and the ITB motor. If the gear is worn or chipped, replace the drive unit.</p>
	<p>The RD sensor is defective.</p>	<p>Open the close the front door several times to clean the RD sensor. If the problem persists, replace the RD sensor. See Registration density (RD) sensor assembly on page 297.</p>
	<p>The laser/scanner unit is defective.</p>	<p>Replace the laser/scanner assembly. See Laser/scanner assembly (Y/M) on page 325 or Laser/scanner assembly (C/Bk) on page 332.</p>
	<p>The print cartridge is defective.</p>	<p>Replace the print cartridge of the affected color.</p>
<p>Toner smears appear on the media.</p> 	<p>The product has residual media.</p>	<p>Remove the residual media.</p>
	<p>Poor grounding contacts exist between each print cartridge and the product.</p>	<p>Clean the grounding contacts on each print cartridge and the product. If the problem remains after cleaning, check the contacts for damage. Replace any deformed or damaged parts.</p>
	<p>The fuser inlet guide is dirty.</p>	<p>Clean the fuser inlet guide.</p>
<p>The printed page contains misformed characters.</p> 	<p>The ADF white backing is not uniformly pressing the source document against the flatbed glass.</p>	<p>Check the ADF white backing for damage or warping. Replace the ADF if necessary. See Automatic document feeder (ADF) on page 212.</p>
	<p>The product is experiencing page skew.</p>	<p>See the "Text or graphics are skewed on the printed page" row in this table.</p>
	<p>The laser/scanner unit is defective.</p>	<p>Replace the laser/scanner assembly. See Laser/scanner assembly (Y/M) on page 325 or Laser/scanner assembly (C/Bk) on page 332.</p>
<p>Text or graphics are skewed on the printed page.</p> 	<p>The ADF input tray guides are not correctly adjusted.</p>	<p>Make sure that the ADF input tray guides are adjusted so that they are lightly touching the sides of the paper stack.</p>
	<p>A source document was not picked up when attempting to feed multiple documents.</p>	<p>Inspect the ADF pickup and feed rollers and the ADF separation pad for damage. Clean the rollers if they are dirty. If the ADF separation pad or rollers are worn, replace them. See ADF roller assembly and separation pad on page 215.</p>
	<p>The registration shutter spring is unhooked.</p>	<p>Check the spring and place it in the correct position.</p>
	<p>The registration shutter spring is deformed.</p>	<p>Replace the registration assembly. See Registration assembly on page 303.</p>

Problem	Cause	Solution
<p>The printed page contains wrinkles or creases.</p> 	<p>The roller or media feed guide is dirty.</p> <p>A roller is deformed or has deteriorated.</p> <p>The paper feed guide is damaged.</p>	<p>Clean any dirty components.</p> <p>Replace any deformed or deteriorated rollers.</p> <p>Replace the paper-feed-guide unit.</p>
<p>The front of the page is dirty.</p> 	<p>The photosensitive drum is dirty.</p> <p>The fuser roller or pressure roller is dirty.</p>	<p>Replace the print cartridge.</p> <p>Execute a Pressure roller clean mode. If the dirt does not come off, replace the fuser. See Fuser on page 200.</p>
<p>Unexpected image</p> 	<p>The copied image does not look like the source document.</p> <p>The scanner-control board (SCB) has failed.</p>	<p>If the copy was made using the ADF, make sure that no media is on the flatbed glass from a previous copy job.</p> <p>Replace the SCB. See Scanner-control board (SCB) on page 279.</p>

Solve performance problems

Problem	Cause	Solution
Pages print but are totally blank.	The document might contain blank pages.	Check the document that you are printing to see if content appears on all of the pages.
	The product might be malfunctioning.	To check the product, print a Configuration page.
Pages print very slowly.	Heavier paper types can slow the print job.	Print on a different type of paper.
	Complex pages can print slowly.	Proper fusing may require a slower print speed to ensure the best print quality.
Pages did not print.	The product might not be pulling paper correctly.	Make sure paper is loaded in the tray correctly.
	The paper is jamming in the product.	Clear the jam. See Clear paper jams on page 472 .
	The USB cable might be defective or incorrectly connected.	<ul style="list-style-type: none"> ● Disconnect the USB cable at both ends and reconnect it. ● Try printing a job that has printed in the past. ● Try using a different USB cable.
	Other devices are running on your computer.	The product might not share a USB port. If you have an external hard drive or network switchbox that is connected to the same port as the product, the other device might be interfering. To connect and use the product, you must disconnect the other device or you must use two USB ports on the computer.

Solve connectivity problems

Solve direct-connect problems

If you have connected the product directly to a computer, check the cable.

- Verify that the cable is connected to the computer and to the product.
- Verify that the cable is not longer than 2 meters (6 feet). Replace the cable if necessary.
- Verify that the cable is working correctly by connecting it to another product. Replace the cable if necessary.

Solve network problems

Check the following items to verify that the product is communicating with the network. Before beginning, print a configuration page. See [Print information pages on page 80](#).

1. Are there any physical connection problems between the workstation or file server and the product?

Verify that the network cabling, connections, and router configurations are correct. Verify that the network cable lengths meet network specifications.

2. Are your network cables connected properly?

Make sure that the product is attached to the network using the appropriate port and cable. Check each cable connection to make sure it is secure and in the right place. If the problem continues, try a different cable or ports on the hub or transceiver. The amber activity light and the green link status light next to the port connection on the back of the product should be lit.

3. Are the link speed and duplex settings set correctly?

Hewlett-Packard recommends leaving this setting in automatic mode (the default setting). See [Networking and I/O on page 31](#).

4. Can you "ping" the product?

Use the command prompt to ping the product from your computer. For example:

```
ping 192.168.45.39
```

Ensure that the ping displays round-trip times.

If you are able to ping the product, verify that the IP address configuration for the product is correct on the computer. If it is correct, delete and then add the product again.

If the ping command failed, verify that the network hubs are on, and then verify that the network settings, the product, and the computer are all configured for the same network.

5. Have any software applications been added to the network?

Make sure they are compatible and that they are installed correctly with the correct printer drivers.

6. Are other users able to print?

The problem may be workstation-specific. Check the workstation network drivers, printer drivers, and redirection (capture in Novell NetWare).

7. If other users are able to print, are they using the same network operating system?

Check your system for proper network operating system setup.

8. Is your protocol enabled?

Check the status of your protocol on the Configuration page. You can also use the embedded Web server to check the status of other protocols. See [Embedded Web server on page 85](#).


9. Does the product appear in HP Web Jetadmin or other management application?

- Verify network settings on the Network configuration page.
- Confirm the network settings for the product using the product control panel (for products with control panels).

Service mode functions

Service menu

The **Service** menu is PIN-protected for added security. Only authorized service people have access to the **Service** menu. When you select **Service** from the list of menus, the product prompts you to type an eight-digit PIN number. The PIN for the HP Color LaserJet CM3530 MFP Series is 11353008.

 **NOTE:** The product automatically exits the Service menu after about one minute if no items are selected or changed.

1. Scroll to and touch **Administration**.
2. Scroll to and touch **Service**.
3. Touch the **Service use only:** text box near the center of the control-panel display. The touchscreen numeric keypad appears.
4. Touch the touchscreen numeric keypad buttons to type the PIN (11353008).
5. Touch **OK** to save the PIN or **Cancel** to exit the screen.
6. The PIN displays in the **Service use only:** text box as *********.
7. Touch **OK** to open the **Service** menu or **Cancel** to exit the screen.

The following menu items appear in the **Service** menu:

Menu item	Sub-menu item	Description
Clear Event Log		Use this item to clear the product event log.
Mono Cycle Count		The page count that is stored in NVRAM and printed on the configuration page represents the number of pages that the formatter has formatted (not including engine-test prints).
Color Cycle Count		The page count that is stored in NVRAM and printed on the configuration page represents the number of pages that the formatter has formatted (not including engine-test prints).
Refurbish Cycle Count		Use this item to record the page count when the product was refurbished.
Document Feeder Kit Count:		Set the total number of pages that have been fed through the ADF.
Document Feeder Kit Interval		Total number of pages since the document feeder kit was replaced.
ADF Count		Set the total pages fed through the ADF.
Flatbed Count		Set the total pages scanned from the flatbed.
ADF Simplex Count		Set the total single-sided pages fed through the ADF.
ADF Duplex Count		Set the total two-sided pages fed through the ADF.
Copy Scan Count		Set the total copy pages that have been scanned.
Send Scan Count		Set the number of scanned pages sent to e-mail.
Copy Pages Count		Set the number of scanned pages that have been printed.

Menu item	Sub-menu item	Description
Scanner Settings	ADF Settings	Set the calibration values.
	Glass Settings	Set the calibration values.
Serial number		Set the serial number.
SERVICE ID		<p>Use this item to show the date that the product was first used on the control panel. This eliminates the need for users to keep paper receipts for proof of warranty.</p> <p>Restore the service ID</p> <p>If you replace the formatter, the date is lost. Use this menu item to reset the date to the original date that the product was first used. The date format is YYDDD. Use the following formula to calculate the dates:</p> <ol style="list-style-type: none"> To calculate YY, subtract 1990 from the calendar year. For instance, if the product was first used in 2002, calculate YY as follows: $2002 - 1990 = 12$. $YY = 12$. Subtract 1 from 10 (October is the tenth month of the year): $10 - 1 = 9$. <ul style="list-style-type: none"> Multiply 9 by 30: $9 \times 30 = 270$ or add 17 to 270: $270 + 17 = 287$. Thus, $DDD = 287$. <p>Convert the service ID to an actual date</p> <p>You can use the product Service ID number to determine whether the product is still under warranty. Use the following formula to convert the Service ID into the installation date as follows:</p> <ol style="list-style-type: none"> Add 1990 to YY to get the actual year that the product was installed. Divide DDD by 30. If there is a remainder, add 1 to the result. This is the month. The remainder from the calculation in step 2 is the date. <p>Using the Service ID 12287 as an example, the date conversion is as follows:</p> <ol style="list-style-type: none"> $12 + 1990 = 2002$, so the year is 2002. 287 divided by 30 = 9 with a remainder of 17. Since there is a remainder, add 1 to 9 to get 10, which represents October. The remainder in step 2 is 17, so that is the date. The complete date is 17-October-2002. <p>NOTE: A six-day grace period is built into the date system.</p>
Cold Reset Paper		<p>When you perform a cold reset, the paper size that is stored in NVRAM is reset to the default factory setting. If you replace a formatter board in a country/region that uses A4 as the standard paper size, use this menu to reset the default paper size to A4. LETTER and A4 are the only available values.</p>

Product resets

Restore factory settings

Use the **Resets** menu to restore factory settings.

1. Scroll to and touch **Administration** and then touch **Resets**.
2. Touch **Restore Factory Settings** and then touch **Reset**.

For more information, see [Resets menu on page 53](#).

Hard disk initialization (optional)

A hard disk initialization will erase and reformat the product's hard disk. Perform hard disk initialization only if an error code displays on the control panel indicating a disk error. Always try initializing the hard disk before replacing it.

1. Turn the product on.
2. As the product performs its power-on sequence, press and hold the **Start** button until all lights on the control panel are lit.
3. Press the **5** key. The **INITIALIZE DISKS** menu item appears.
4. Press the **6** key. The product initializes the hard disk and continues its power-on sequence.

NVRAM initialization

△ **CAUTION:** Initializing NVRAM resets the serial number, the event log, the page counts, the calibration settings, and the EIO card. Use the **Service** menu to restore the serial number and page counts. You also need to reconfigure any computers that print to this product to recognize the product. Initialize NVRAM only when absolutely necessary. In most situations, use a cold reset to reset product variables but still retain the needed values in the **Service** menu.

📄 **NOTE:** Before performing an NVRAM initialization, print a menu map and a configuration page. Use the information on these pages to reset any customer-specific settings.

From the configuration page and supplies status page, gather the following information:

- Total page count and color page count
 - Serial number
1. Turn the product off.
 2. Press and hold **9**, turn the power on, wait for all three LEDs to stay on. This might take up to 20 seconds (release the **9** key).
 3. Press and release **3**, and then press and release **Start**.
 4. Use the **3** and **9** keys to scroll to **NVRAM INIT** (this message appears in the upper-left corner of the display).
 5. Press and release **6** to start the initialization.

Restore factory settings (cold reset)

Before beginning, print a configuration page and supplies status page. Use these pages to verify that the resets have occurred.

1. Turn the product off.
2. Press and hold **6**, turn the power on, wait for all three LEDs to stay on. This might take up to 20 seconds (release the **6** key).
3. Use the **3** and **9** keys to scroll to **Cold Reset** (this message appears in the upper-left corner of the display).
4. Press the **6** key to start the cold reset.

Solve fax problems

See the *HP LaserJet MFP Analog Fax Accessory 500 Fax Guide* and the *HP LaserJet MFP Analog Fax Accessory 500 Send Fax Driver Guide*, which are included on the product User CD. The guides are also available for download from www.hp.com/go/mfpfaxaccessory500.

Solve e-mail problems

If you are unable to send e-mails by using the digital-send feature, you might need to reconfigure the SMTP gateway address or the LDAP gateway address. Print a configuration page to find the current SMTP and LDAP gateway addresses. See [Print information pages on page 80](#). Use the following procedures to check if the SMTP and LDAP gateway addresses are valid.

Validate the SMTP gateway address



NOTE: This procedure is for Windows operating systems.

1. Open an MS-DOS command prompt: click **Start**, click **Run**, and then type `cmd`.
2. Type `telnet` followed by the SMTP gateway address and then the number 25, which is the port over which the product is communicating. For example, type `telnet 123.123.123.123 25` where "123.123.123.123" represents the SMTP gateway address.
3. Press **Enter**. If the SMTP gateway address is *not* valid, the response contains the message `Could not open connection to the host on port 25: Connect Failed`.
4. If the SMTP gateway address is not valid, contact the network administrator.

Validate the LDAP gateway address



NOTE: This procedure is for Windows operating systems.

1. Open Windows Explorer. In the address bar, type `LDAP://` immediately followed by the LDAP gateway address. For example, type `LDAP://12.12.12.12` where "12.12.12.12" represents the LDAP gateway address.
2. Press **Enter**. If the LDAP gateway address is valid, the **Find People** dialog box opens.
3. If the LDAP gateway address is not valid, contact the network administrator.

8 Parts and diagrams

- [Order parts, accessories, and supplies](#)
- [Part numbers](#)
- [Screws](#)
- [How to use the parts lists and diagrams](#)
- [ADF and scanner assemblies](#)
- [External covers, panels, and doors](#)
- [Right door assembly](#)
- [Internal components](#)
- [Accessories](#)
- [Alphabetical parts list](#)
- [Numerical parts list](#)

Order parts, accessories, and supplies

You can obtain the following items directly from HP:

- **Replacement parts:** To order replacement parts in the U.S., go to www.hp.com/go/hpparts/. Outside the United States, order parts by contacting your local authorized HP service center.
- **Supplies and accessories:** To order supplies in the U.S., go to www.hp.com/go/ljsupplies. To order supplies worldwide, go to www.hp.com/ghp/buyonline.html. To order accessories, go to www.hp.com/support/cljcm3530mfp.

Part numbers

The following list of accessories was current at the time of printing. Ordering information and availability of the accessories might change during the life of the product.

Customer self-repair (CSR) components

Table 8-1 Customer self-repair (CSR) components

Item	Part number
Formatter kit	CC519-67903
128 MB memory kit	CC519-67910
256 MB memory kit	CC519-67911
512 MB memory kit	CC519-67912
Hard drive kit	CC519-67904
Hard drive cable kit	CC519-67905
Fax PCA	CC456-60001
Fax cable kit	CC519-67907
Toner collection unit kit	CC468-67910
Pick/feed and separation pad kit	CC468-67911
ITB kit	CC468-67907
110V fuser kit	CC519-67901
220V fuser kit	CC519-67902
Duplex reverse guide kit	CC468-67913
Secondary transfer roller kit	CC468-67914
Secondary transfer assembly kit (duplex)	CC468-67915
Fuser cleaning kit (letter)	CC468-67919
Front door assembly and nameplate	CC519-67916
500 sheet feeder replacement kit	CC468-67905
500 sheet feeder right door kit	CC468-67906
Control panel kit	CC519-67908
ADF kit	CC483-67902
ADF roller kit	CC519-67909
Stapler cartridge	Q7432-67901
250-sheet cassette	RM1-4962-000CN
500-sheet cassette	RM1-6198-000CN
Control panel overlay—English	CC519-40003
Control panel overlay—French	CC519-40004
Control panel overlay—Italian	CC519-40005

Table 8-1 Customer self-repair (CSR) components (continued)

Item	Part number
Control panel overlay—German	CC519-40006
Control panel overlay—Spanish	CC519-40007
Control panel overlay—Portuguese	CC519-40009
Control panel overlay—Norwegian	CC519-40010
Control panel overlay—Swedish	CC519-40011
Control panel overlay—Finnish	CC519-40012
Control panel overlay—Danish	CC519-40013
Control panel overlay—Polish	CC519-40014
Control panel overlay—Russian	CC519-40015
Control panel overlay—Czech	CC519-40016
Control panel overlay—Hungarian	CC519-40017
Control panel overlay—Turkish	CC519-40018
Control panel overlay—Hebrew	CC519-40019
Control panel overlay—Greek	CC519-40020
Control panel overlay—Arabic	CC519-40021
Control panel overlay—Croatian	CC519-40022
Control panel overlay—Romanian	CC519-40023
Control panel overlay—Slovak	CC519-40024
Control panel overlay—Slovenian	CC519-40025
Control panel overlay—Catalan	CC519-40026
Control panel overlay—Chinese, traditional	CC519-40027
Control panel overlay—Chinese, simplified	CC519-40028
Control panel overlay—Korean	CC519-40030
Control panel overlay—Japanese	CC519-40031
Control panel overlay—Thai	CC519-40032
Control panel overlay—Bahasa Indonesian	CC519-40033

Accessories and products

Table 8-2 Accessories

Item	Description	Part number	Product part number
Stapler cartridge	Replacement staple cartridge	Q7432-67901	Q7432A
1 x 500 paper feeder	500-sheet paper and heavy media tray	CC468-67905	CE522A

Table 8-2 Accessories (continued)

Item	Description	Part number	Product part number
Fax PCA	HP LaserJet MFP analog fax accessory 500	CC456-60001	CC487A
Digital send software	HP Digital Sending Software 4	NA	T1936AA
Print server	HP Jetdirect 630n IPv6 Gigabit Ethernet print server	NA	J7997G
	HP Jetdirect 635n IPv6/IPSec print server	NA	J7961G
Parallel card	HP 1284B parallel card	NA	J7972G

Print cartridges and toner collection unit

Table 8-3 Print cartridges and toner collection unit

Item	Description ¹	Part number	Product part number
HP Color LaserJet black print cartridge	Standard black cartridge	CE250-67901	CE250A
HP Color LaserJet black print cartridge	High-capacity black cartridge	CE250-67902	CE250X
HP Color LaserJet cyan print cartridge	Cyan cartridge	CE251-67901	CE251A
HP Color LaserJet yellow print cartridge	Yellow cartridge	CE252-67901	CE252A
HP Color LaserJet magenta print cartridge	Magenta cartridge	CE253-67901	CE253A
Toner collection unit	Waste toner box assembly	CC468-67910	CE254A
	Waste toner installation instructions		
	Toner cleaning cloth		

¹ For more information, go to www.hp.com/go/learnaboutsupplies

Memory

Table 8-4 Memory

Item	Description	Product part number
200-pin DDR DIMM	128MB	CC409AX
Boosts the ability of the product to handle large or complex print jobs.	256MB	CC410AX
	512MB	CC411AX
HP Encrypted High Performance hard disks	HP high-performance secure hard disk	J8018A
HP Encrypted High Performance hard disks	HP high-performance secure EIO hard disk	J8019A

Cables and interfaces

Table 8-5 Cables and interfaces

Item	Description	Part number
Enhanced I/O (EIO) card	HP Jetdirect 635n IPv6/IPsec Print Server	J7961G
USB cable	2-meter standard USB-compatible device connector	C6518A
Power cord North America	PWR-CORD OPT-903 3-COND 1.9-M-LG ROHS	8121-0740
Power cord Taiwan	PWR-CORD OPT-934 3-COND 1.9-M-LG ROHS	8121-0964
Power cord Europe (generic)	PWR-CORD OPT-902 3-COND 1.9-M-LG ROHS	8121-0731
Power cord China	PWR-CORD OPT-922 3-COND 1.9-M-LG ROHS	8121-0943
Power cord	PWR-CORD OPT-901 3-COND 1.9-M-LG ROHS	8121-0837
Power cord Japan (7A)	PWR-CORD OPT-918 3-COND 1.9-M-LG ROHS	8121-0736
Power cord United Kingdom; Singapore; Hong Kong SAR; Malaysia	PWR-CORD OPT-900 3-COND 1.9-M-LG 5A ROHS	8121-0739
Power cord Denmark	PWR-CORD OPT-912 3-COND 1.9-M-LG ROHS	8121-0733
Power cord Argentina	PWR-CORD OPT-920 3-COND 1.9-M-LG ROHS	8121-0729
Power cord India (<= 6 A)	PWR-CORD OPT-923 3-COND 1.9-M-LG ROHS	8121-0564
Power cord Chile	PWR-CORD OPT-921 3-COND 1.9-M-LG ROHS	8121-0735
Power cord South Africa	PWR-CORD OPT-917 3-COND 1.9-M-LG ROHS	8121-0737
Power cord Israel	PWR-CORD OPT-919 3-COND 1.9-M-LG ROHS	8121-1004
Power cord Switzerland	PWR-CORD OPT-906 3-COND 1.9-M-LG ROHS	8121-0738

Table 8-5 Cables and interfaces (continued)

Item	Description	Part number
Power cord Thailand; Philippine Islands	PWR-CORD OPT-927 3-COND 1.9-M-LG ROHS	8121-0734
Phone cord United States	PHN-CORD OPT-501 US 3.0-M-LG ROHS	8121-0811
Phone cord Republic of Korea	PHN-CORD OPT-516 KR 3.0-M-LG ROHS	8120-8908
Phone cord Turkey	PHN-CORD OPT-507 TR 3.0-M-LG ROHS	8120-8920
Phone cord Estonia	PHN-CORD OPT-520 EE 3.0-M-LG ROHS	8120-8922
Phone cord Australia	PHN-CORD OPT-519 AU 3.0-M-LG ROHS	8120-8907
Phone cord United Kingdom; Hong Kong SAR; New Zealand	PHN-CORD OPT-505 UK/HK/NZ 3.0-M-LG ROHS	8120-8921
Phone cord Denmark	PHN-CORD OPT-506 DK 3.0-M-LG ROHS	8120-8911
Phone cord Australia	PHN-CORD OPT-515 AT 3.0-M-LG ROHS	8120-8909
Phone cord Italy	PHN-CORD OPT-514 IT 3.0-M-LG ROHS	8120-8914
Phone cord Switzerland	PHN-CORD OPT-512 CH 3.0-M-LG ROHS	8121-0844
Phone cord Norwegian; Finnish	PHN-CORD OPT-510 NO/FI 3.0-M-LG ROHS	8120-8916
Phone cord Sweden	PHN-CORD OPT-511 SE 3.0-M-LG ROHS	8120-8918

Service kits

Table 8-6 Service kit contents

Item	Description	Part number
500 sheet feeder replacement kit	500 sheet feeder assembly (CE222A) 500 sheet feeder instructions	CC468-67905
500 sheet feeder right door kit	Door stopper	CC468-67906

Table 8-6 Service kit contents (continued)

Item	Description	Part number
	Right door link	
	Right door assembly	
	Right door installation instructions	
ADF kit	ADF assembly	CC483-67903
	ADF installation instructions	
ADF roller kit	ADF roller assembly	CC519-67909
	ADF separation pad	
	ADF roller kit installation instructions	
128MB memory kit	128MB DDR DIMM	CC519-67910
	Installation instructions	
256MB memory kit	256MB DDR DIMM	CC519-67911
	Installation instructions	
512MB memory kit	512MB DDRDIMM	CC519-67912
	Installation instructions	
Toner collection unit kit	Waste toner box assembly	● Part number: CC468-67910
(Maintenance kit)	Waste toner installation instructions	● Product number: TCU CE254A
	Toner cleaning cloth	
Hard drive kit	Hard Drive, 80GB disc 2.5" SATA ROHS	CC519-67904
	Left rail, plastic	
	Right rail, snap plastic	
	Hard drive installation instructions	
Hard drive cable kit	SATA hard drive power/data cable	CC519-67905
	Hard drive installation instructions	
Fax cable kit	Fax cable	CC519-67907
	Fax cable installation instructions	
Control panel kit	Control-panel assembly	CC519-67908
	Installation instructions	
Duplex reverse guide kit	Duplexing reverse guide	CC468-67913
	Duplexing guide installation instructions	
Front door kit	Front door	CC519-67916
	Nameplate CLJ CM3530 MFP	
	Nameplate CLJ CM3530fs MFP	
	HP logo	

Table 8-6 Service kit contents (continued)

Item	Description	Part number
	Front door assembly installation instructions	
Fuser cleaning kit (letter)	50 sheets of HP Tough Paper Cleaning instructions	CC468-67919
Fuser kit (Maintenance kit)	110V service fuser kit <ul style="list-style-type: none"> Fuser assembly, 110V Fuser installation instructions Recycle flyer Return label 220V service fuser kit <ul style="list-style-type: none"> Fuser assembly, 220V Fuser installation instructions Recycle flyer Return label 	<ul style="list-style-type: none"> Part number: CC519-67901 Product number: CE484A Part number: CC519-67902 Product number: CE506A
ITB kit	Intermediate transfer belt assembly ITB installation instructions Secondary transfer roller assembly Secondary transfer roller installation instructions	CC468-67907
Main drive assembly kit	Main drive assembly Main drive assembly installation instructions	CC468-67918
Formatter kit	Formatter assembly Formatter sheet metal tray assembly Screw, M3 x 0.5 EIO card guide Disk drive cradle Fax cable Formatter installation instructions	CC519-67903
Pick/feed and separation pad kit	250-sheet tray paper pickup roller Paper feed roller assembly (500 SF) Paper pickup roller (500 SF) Replacement and installation instructions	CC468-67911
Laser/scanner assembly kit	Laser/scanner assembly	CC468-67917

Table 8-6 Service kit contents (continued)

Item	Description	Part number
	Scanner installation instructions	
Secondary transfer assembly kit	Secondary transfer assembly	CC468-67915
	Secondary transfer assembly installation instructions	
Secondary transfer (T2) roller kit	Secondary transfer roller assembly	CC468-67914
	Secondary transfer roller installation instructions	
Preventative maintenance kit	110 v	CE484A
	220 v	CE506A

Service manuals and user documentation

Table 8-7 Service manuals and user documentation

Item	Part number
Service manual—English (entire manual)	CC519-91013
Service manual—French (troubleshooting and replacement only)	CC519-91014
Service manual—Italian (troubleshooting and replacement only)	CC519-91015
Service manual—German (troubleshooting and replacement only)	CC519-91016
Service manual—Spanish (troubleshooting and replacement only)	CC519-91017
Service manual—Korean (troubleshooting and replacement only)	CC519-91018
Service manual—Chinese, simplified (troubleshooting and replacement only)	CC519-91019
Administrator guide	CC519-60105
User guide	CC519-60106

Screws



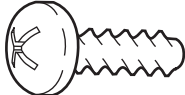

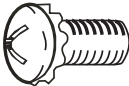
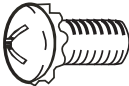

 **NOTE:** The screw illustrations in the following table are for reference only. Screws might vary in size and appearance from those shown in this table.


Table 8-8 Common fasteners


Example	Description	Size	Part Number
	Screw, with washer	M3x8	XA9-1420-000CN
	Screw, tapping, truss head	M4x10	XB4-7401-005CN
	Screw, tap	M3x6	XA9-1503-000CN
	Screw, D	M3x8	XA9-1671-000CN
	Screw, tooth washer	M4x6	XB2-7400-606CN

6 mm 8 mm 10 mm 12 mm M 3 M 4


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.

ADF and scanner assemblies

Figure 8-1 ADF/scanner assembly

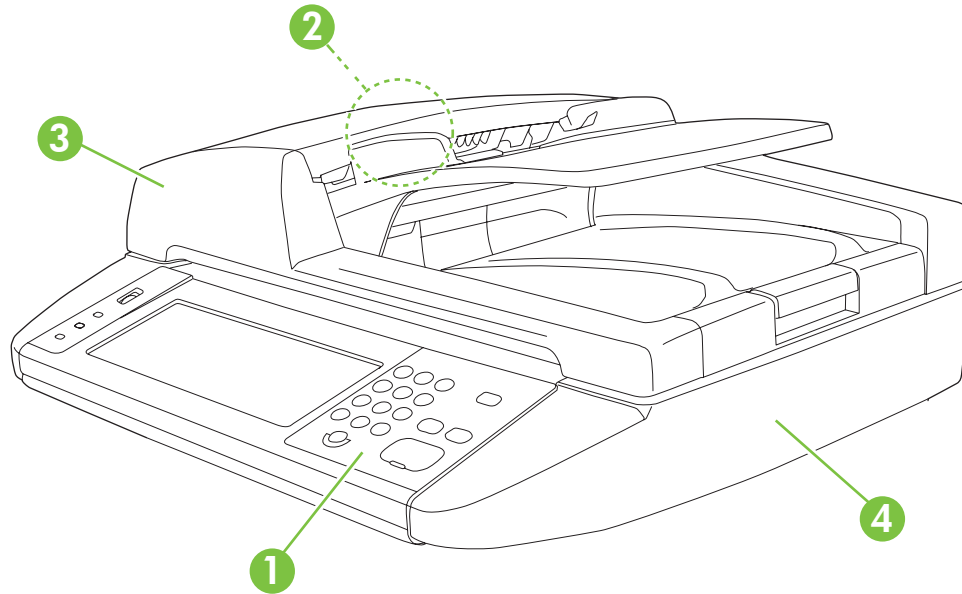


Table 8-9 ADF/scanner assembly

Ref	Description	Part number	Qty
1	Control panel assembly	CC519-60115	1
Not shown	Control-panel cable	CC519-60107	1
2	ADF feed roller kit	CC519-67909	1
3	ADF assembly	CC483-60103	1
4	Scanner assembly (ADF assembly and SCB PCA are <i>not</i> included)	CC519-67914	1
Not shown	Scanner controller board (SCB)	CC454-60002	1
Not shown	PCI express RoHS cable	5851-3141	1

External covers, panels, and doors

Figure 8-2 External covers, panels, and doors

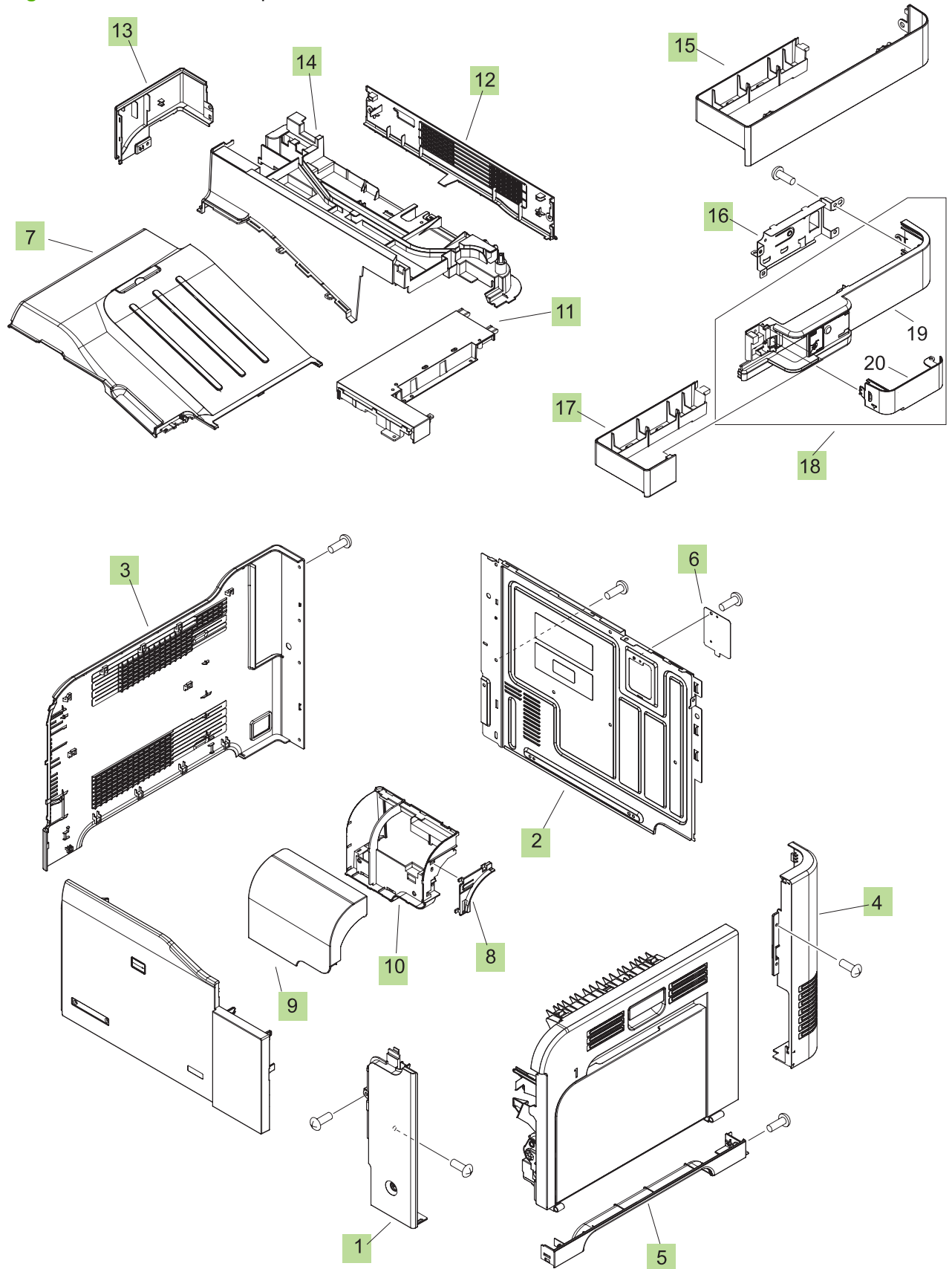


Table 8-10 External covers, panels, and doors;

Ref	Description	Part number	Qty
1	Cover, right front	RC2-5056-000CN	1
2	Cover, rear	RC2-5048-000CN	1
3	Cover, left	RC2-5052-000CN	1
4	Cover, rear right	RC2-5057-000CN	1
5	Cover, right lower	RC2-5059-000CN	1
6	Plate, blanking	RC2-5938-000CN	1
7	Tray, paper delivery	RL1-1941-000CN	1
8	Rib, Control panel	RC2-5179-000CN	1
9	Cover, control panel	RC2-5180-000CN	1
10	Cover, control panel, rear	RC2-5181-000CN	1
11	Cover, upper right	RC2-5182-000CN	1
12	Cover, rear, upper	RC2-5185-000CN	1
13	Cover, left rear	RC2-5188-000CN	1
14	Cover, upper rear	RL1-1953-000CN	1
15	Cover, right (without stapler)	RC2-5189-000CN	1
16	Holder, AC	RC2-5194-000CN	1
17	Cover, right (with stapler)	RC2-5192-000CN	1
18	Stapler, right cover assembly	RM1-5033-000CN	1

Right door assembly

Figure 8-3 Right door assembly

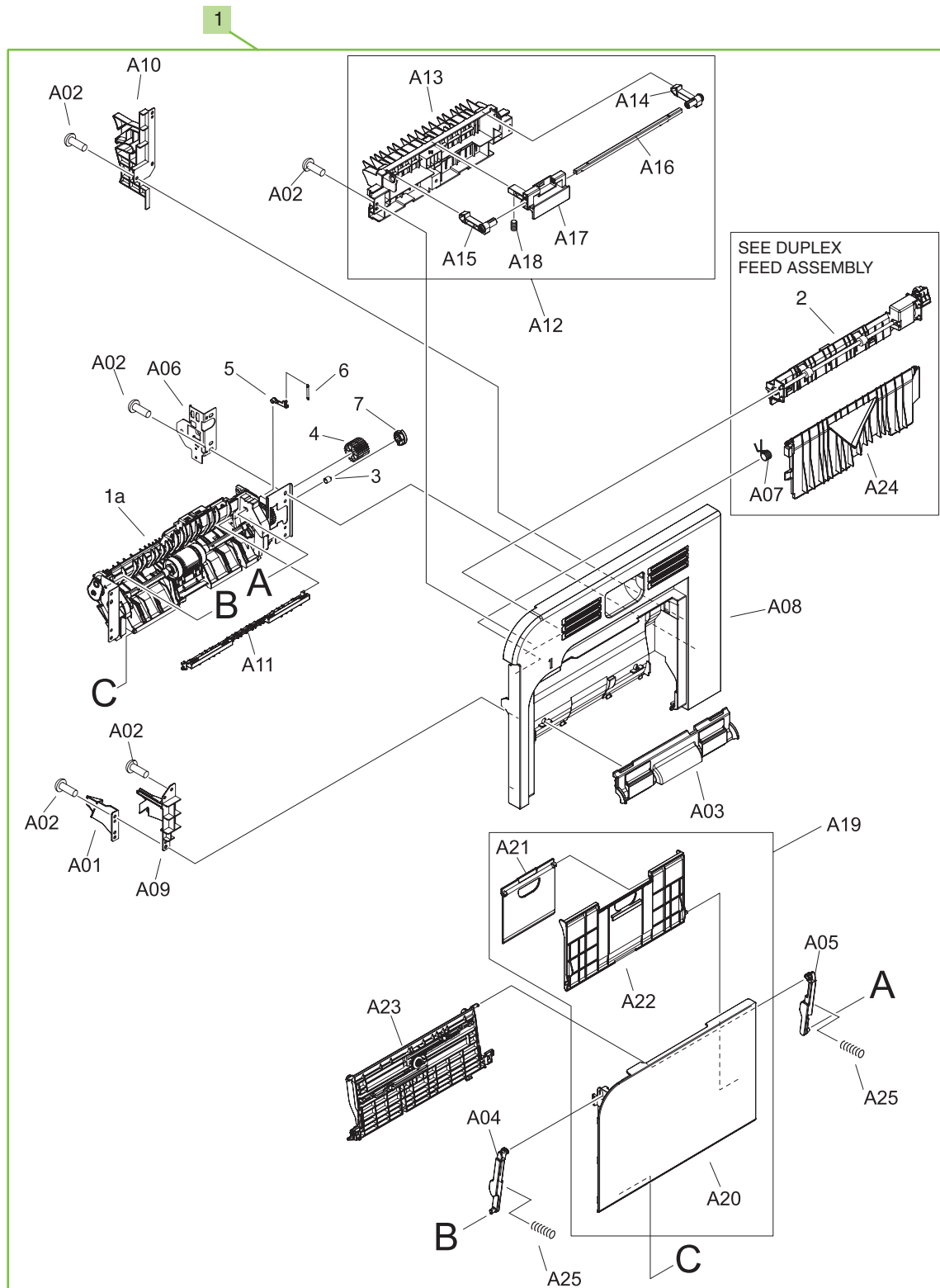


Table 8-11 Right door assembly

Ref	Description	Part number	Qty
1	Right door assembly	RM1-4957-000CN	1
Not shown	Tray 1 pickup roller	RL1-1928-000CN	1

Internal components (1 of 5)

[illegible]

Table 8-12 Internal components (1 of 5)

Ref	Description	Part number	Qty
1	Lifter cable assembly	RM1-5742-000CN	1
3	Cover, front inner lower	RL1-1914-000CN	1
5	Cover, front inner upper	RC2-5006-000CN	1
6	Cover, front inner lower	RL1-1915-000CN	1
8	Cover, left lower	RC2-5069-000CN	1
12	Waste toner detect assembly	RM1-5696-000CN	1
13	Waste toner duct assembly (motor)	RM1-4977-000CN	1
17	Spring, tension	RU6-2236-000CN	4
18	Spring, ground	RU6-2237-000CN	4
19	Lever, cartridge pressure front	RC2-3983-000CN	4
21	Seal, waste toner box	RC2-4780-000CN	1
24	Lock, door	RC2-5937-000CN	1
26	Lever, box presence detect	RC2-5951-000CN	1
27	Spring, compression	RU6-2568-000CN	1

Internal components (2 of 5)

Figure 8-5 Internal components (2 of 5)

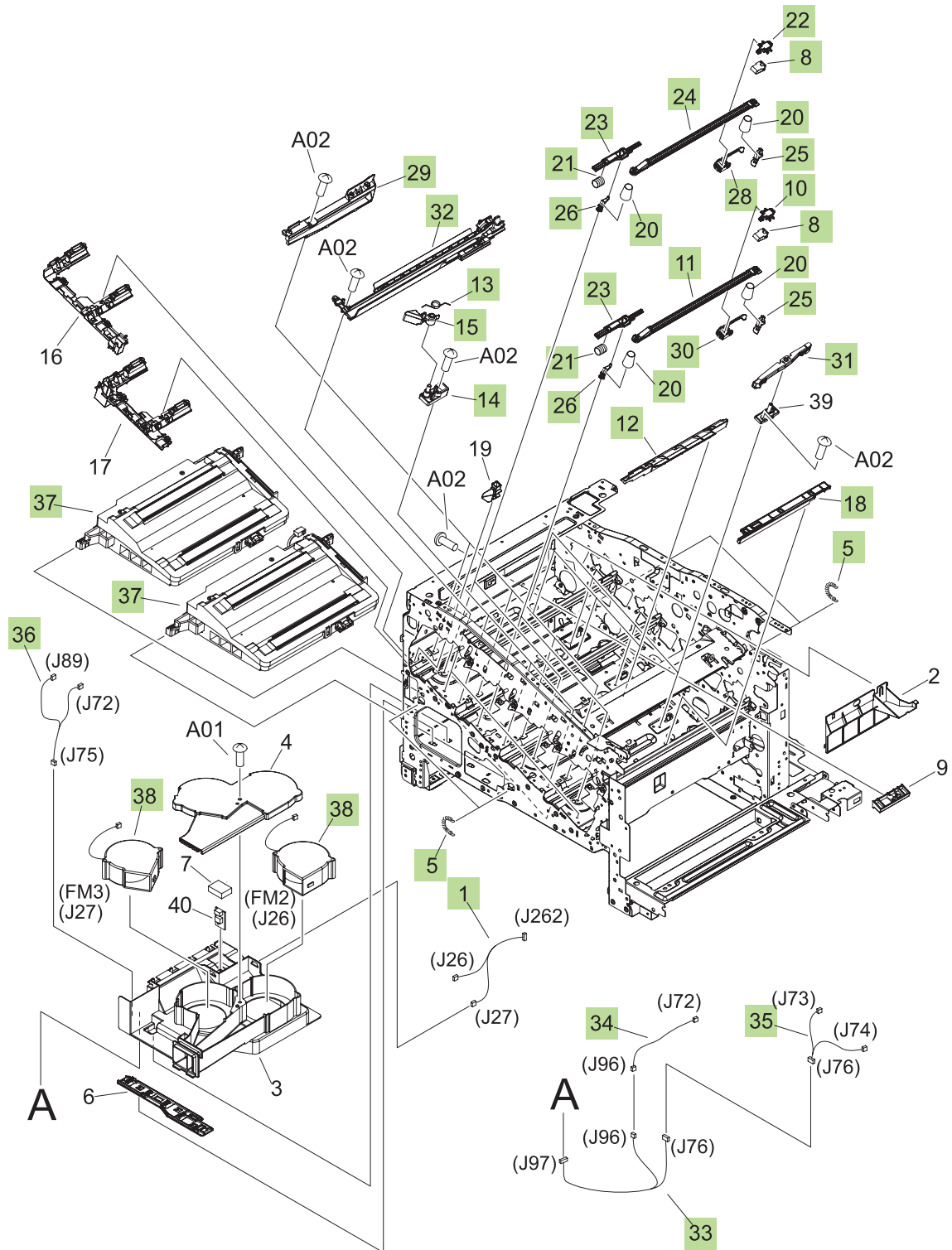


Table 8-13 Internal components (2 of 5)

Ref	Description	Part number	Qty
1	Fan cable assembly	RM1-5746-000CN	1
5	Spring, tension	RU6-2436-000CN	4
8	Spring, leaf	RC2-5970-000CN	4
10	Tab	RC2-5909-000CN	2
11	Shutter	RC2-5910-000CN	2
12	Cover	RC2-5912-000CN	3
13	Spring, torsion	RC2-5958-000CN	3
14	Holder, cartridge lock lever	RC2-5955-000CN	3
15	Lever, cartridge lock	RC2-5954-000CN	3
18	Cover	RC2-5962-000CN	3
20	Spring, compression	RU6-2318-000CN	8
21	Spring, compression	RU6-2316-000CN	4
22	Tab	RC2-4428-000CN	2
23	Lever, shutter	RU6-4415-000CN	4
24	Shutter	RC2-4413-000CN	2
25	Shutter rear arm	RC2-4407-000CN	4
26	Shutter front arm	RC2-4406-000CN	4
27	Sensor unit, Tmp/Hum sensor	RK2-2229-000CN	1
28	Base	RL1-2144-000CN	2
29	Toner sensor holder assembly	RM1-5700-000CN	4
30	Base	RL1-1923-000CN	2
31	Base assembly	RM1-4979-000CN	4
32	Lower cartridge guide assembly	RM1-4984-000CN	4
33	Connecting cable assembly	RM1-5749-000CN	1
34	Sensor cable assembly	RM1-5740-000CN	1
35	Sensor cable assembly	RM1-5741-000CN	1
36	Motor/sensor cable assembly	RM1-5752-000CN	1
38	Fan	RK2-2418-000CN	2

Internal components (3 of 5)

Figure 8-6 Internal components (3 of 5)

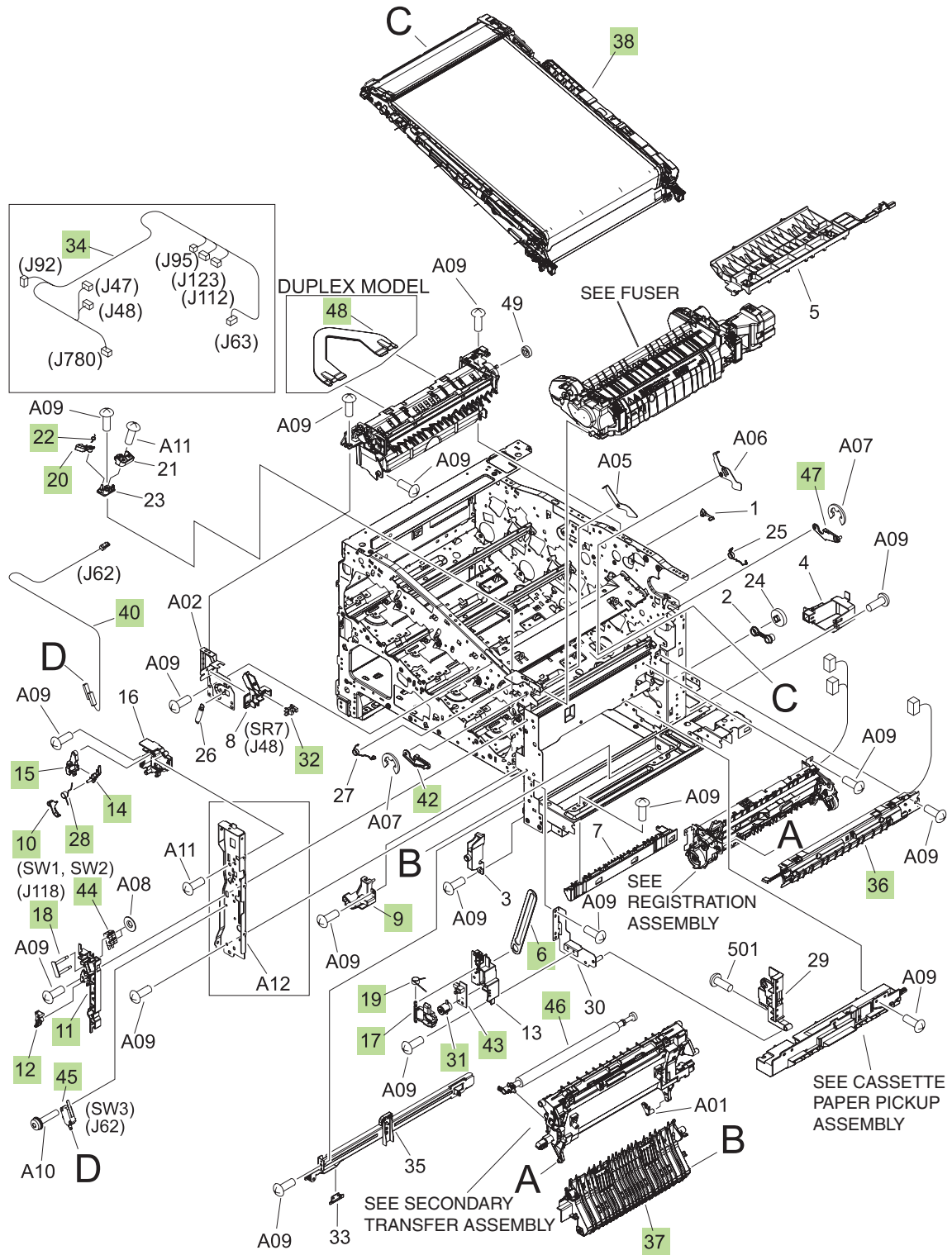


Table 8-14 Internal components (3 of 5)

Ref	Description	Part number	Qty
6	Link, door stopper right	RC2-4916-000CN	1
9	Cover, right lower inner	RC2-5019-000CN	1
10	Interlock link	RC2-5120-000CN	1
11	Interlock switch mount	RC2-5123-000CN	1
12	Interlock link switch arm	RC2-5121-000CN	1
14	Interlock link	RC2-5119-000CN	1
15	Interlock link	RC2-5118-000CN	1
17	Switch lever	RC2-5124-000CN	1
18	Shaft	RC2-5913-000CN	1
19	Spring, torsion	RC2-5934-000CN	1
20	Cartridge lock lever	RC2-5954-000CN	1
22	Spring, torsion	RC2-5958-000CN	1
28	Interlock link	RC2-5122-000CN	1
31	Power supply button	RL1-1947-000CN	1
32	Photo interrupter, TLP1243	WG8-5696-000CN	1
34	Front cable assembly	RM1-6998-000CN	1
36	Density detect sensor assembly	RM1-4953-000CN	1
37	Lower pick up guide assembly	RM1-4980-000CN	1
38	ITB assembly service kit	CC468-67907	1
40	Switch cable assembly	RM1-5718-000CN	1
42	Front lock arm assembly	RM1-5532-000CN	1
43	Power supply switch assembly	RM1-5697-000CN	1
44	Door switch assembly	RM1-5732-000CN	1
45	Switch	WC4-5171-000CN	1
46	Transfer roller assembly service kit	CC468-67914	
47	Rear lock arm assembly	RM1-5533-000CN	1

Internal components (4 of 5)

Figure 8-7 Internal components (4 of 5)

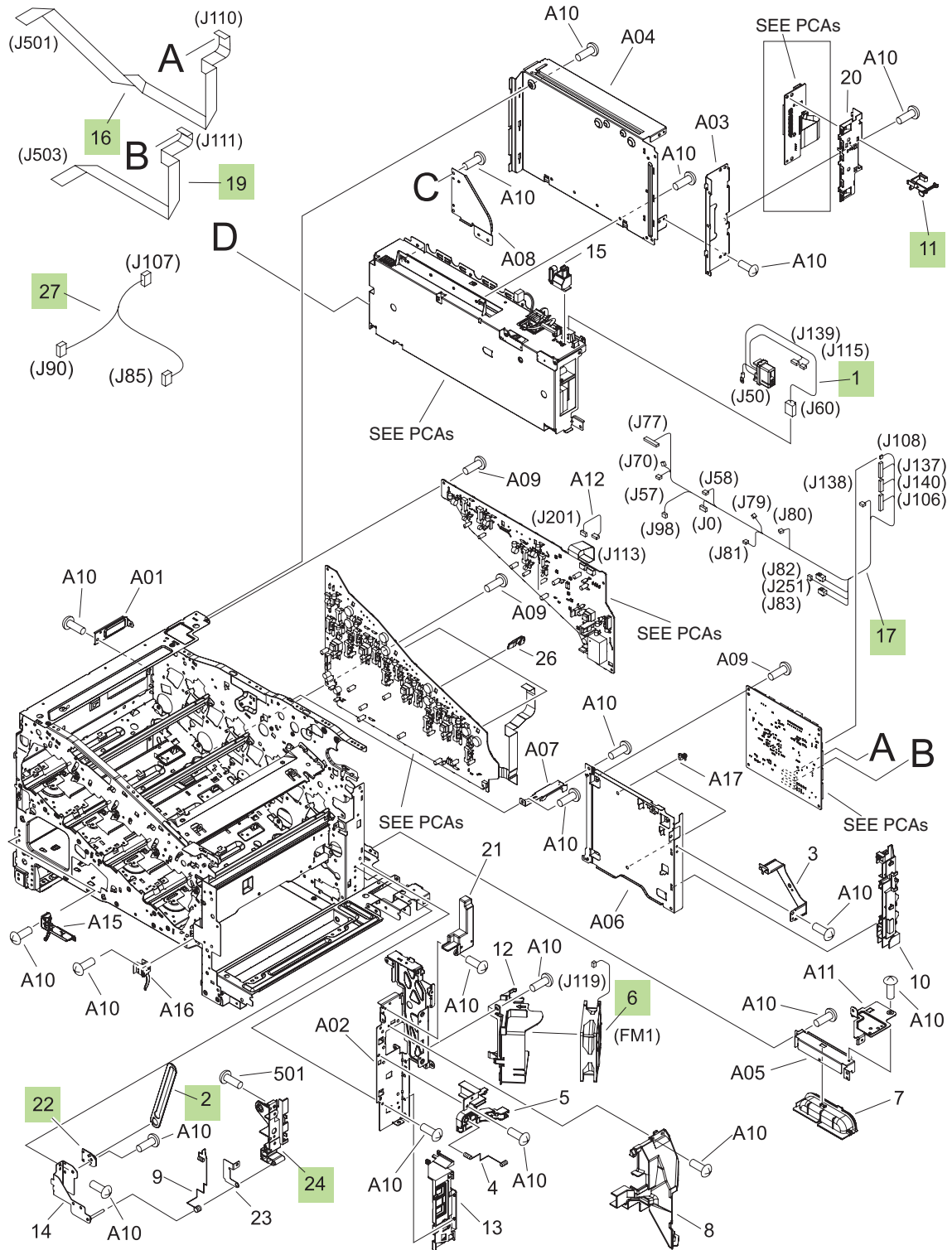


Table 8-15 Internal components (4 of 5)

Ref	Description	Part number	Qty
1	Fusing connecting cable assembly	RM1-5714-000CN	1
2	Door stopper right link	RC2-4916-000CN	2
6	Fan	RK2-2416-000CN	1
11	Switch arm	RC2-5943-000CN	1
16	Scanner flat cable (FFC)	RK2-2506-000CN	1
17	Rear cable assembly	RM1-5721-000CN	1
19	Scanner flat cable (FFC)	RK2-2508-000CN	1
24	Right door rear hinge	RC2-4895-000CN	1
27	Multipurpose tray sensor cable assembly	RM1-5737-000CN	1
28	Cable, AC (stapler power)	RK2-2501-000CN	1
Not shown	Stapler mechanism	CC483-60107	1
Not shown	Stapler power supply	Q7429-60501	1

Internal components (5 of 5)

Figure 8-8 Internal components (5 of 5)

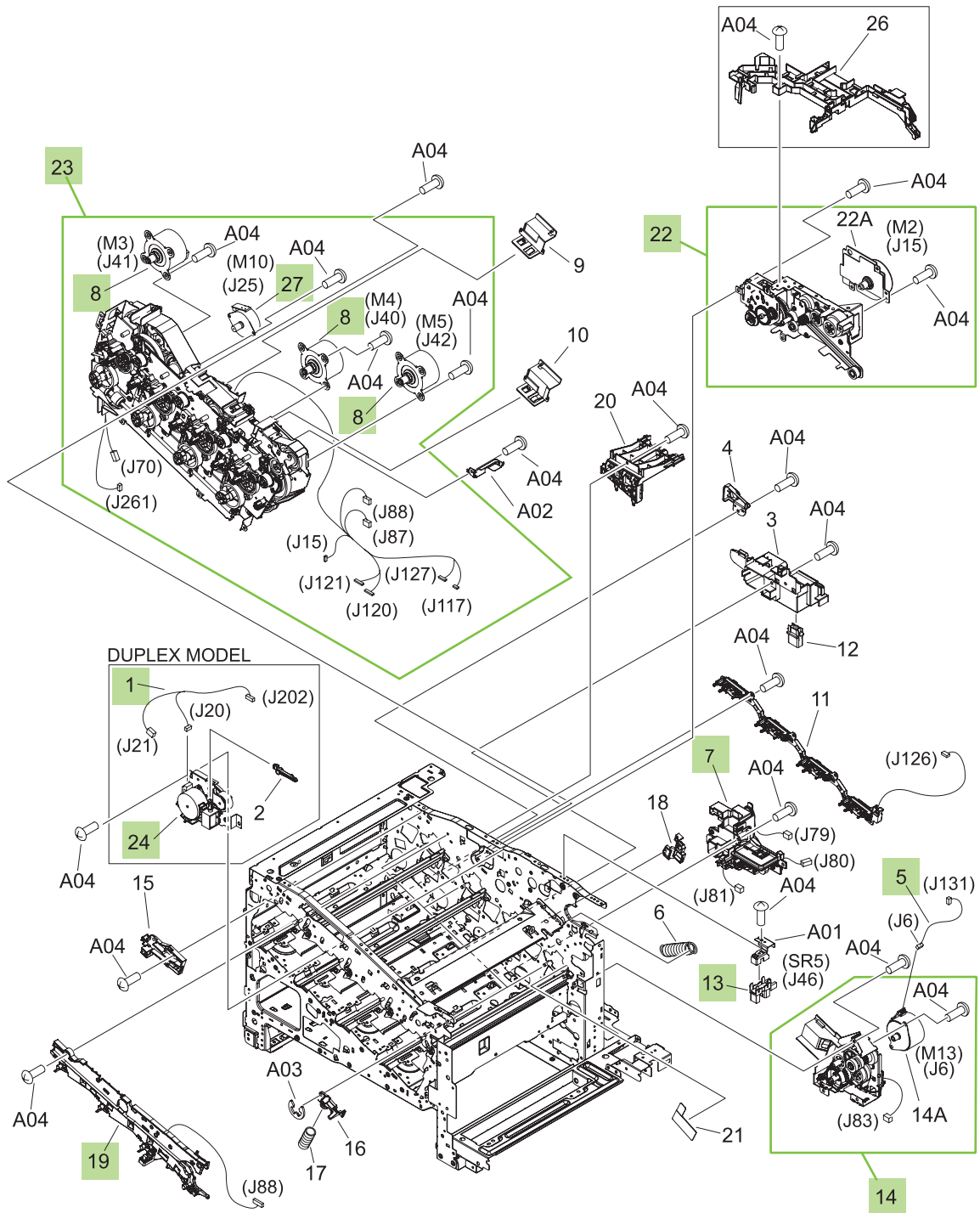


Table 8-16 Internal components (5 of 5)

Ref	Description	Part number	Qty
1	Duplexing unit cable assembly	RM1-5730-000CN	1
5	Pickup motor cable assembly	RM1-5731-000CN	1
7	Lifter drive assembly	RM1-4976-000CN	1
8	Drum motor assembly	RM1-4988-000CN	3
13	Photo interrupter, TLP1243	WG8-5696-000CN	1
14	Cassette paper pick up drive assembly with motor	RM1-4975-000CN	1
19	Rear pre-exposure PCA	RM1-5705-000CN	1
22	Fusing drive assembly with motor	RM1-4974-000CN	1
24	Duplexing drive assembly	RM1-4973-000CN	1
27	Stepping motor, DC (developing disengagement)	RK2-2415-000CN	1

Fuser

Figure 8-9 Fuser

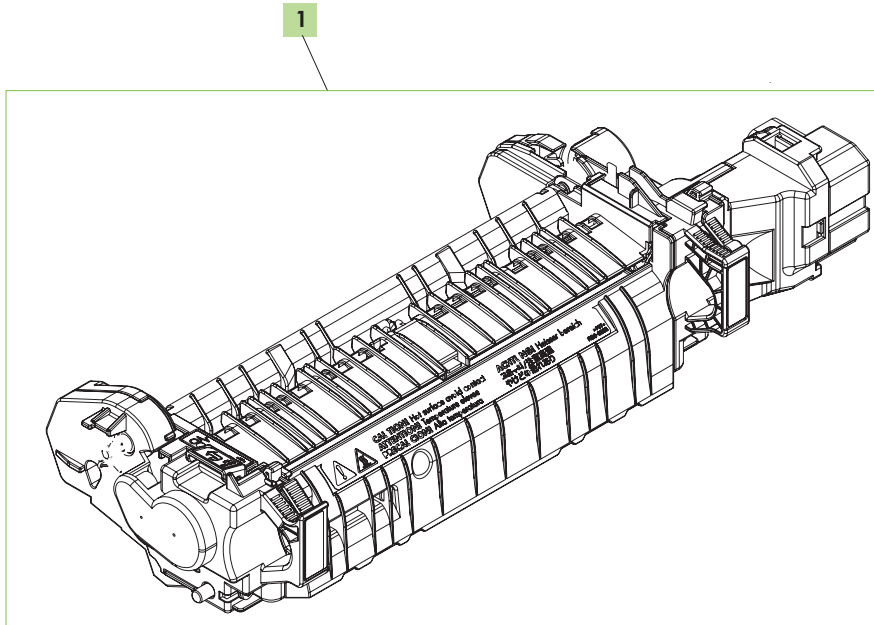


Table 8-17 Fuser

Ref	Description	Part number	Qty
1	Fuser/Fixing service kit110 v	CC519-67901	1
1	Fuser/Fixing service kit 220 v	CC519-67902	1

250-sheet cassette

Figure 8-10 250-sheet cassette

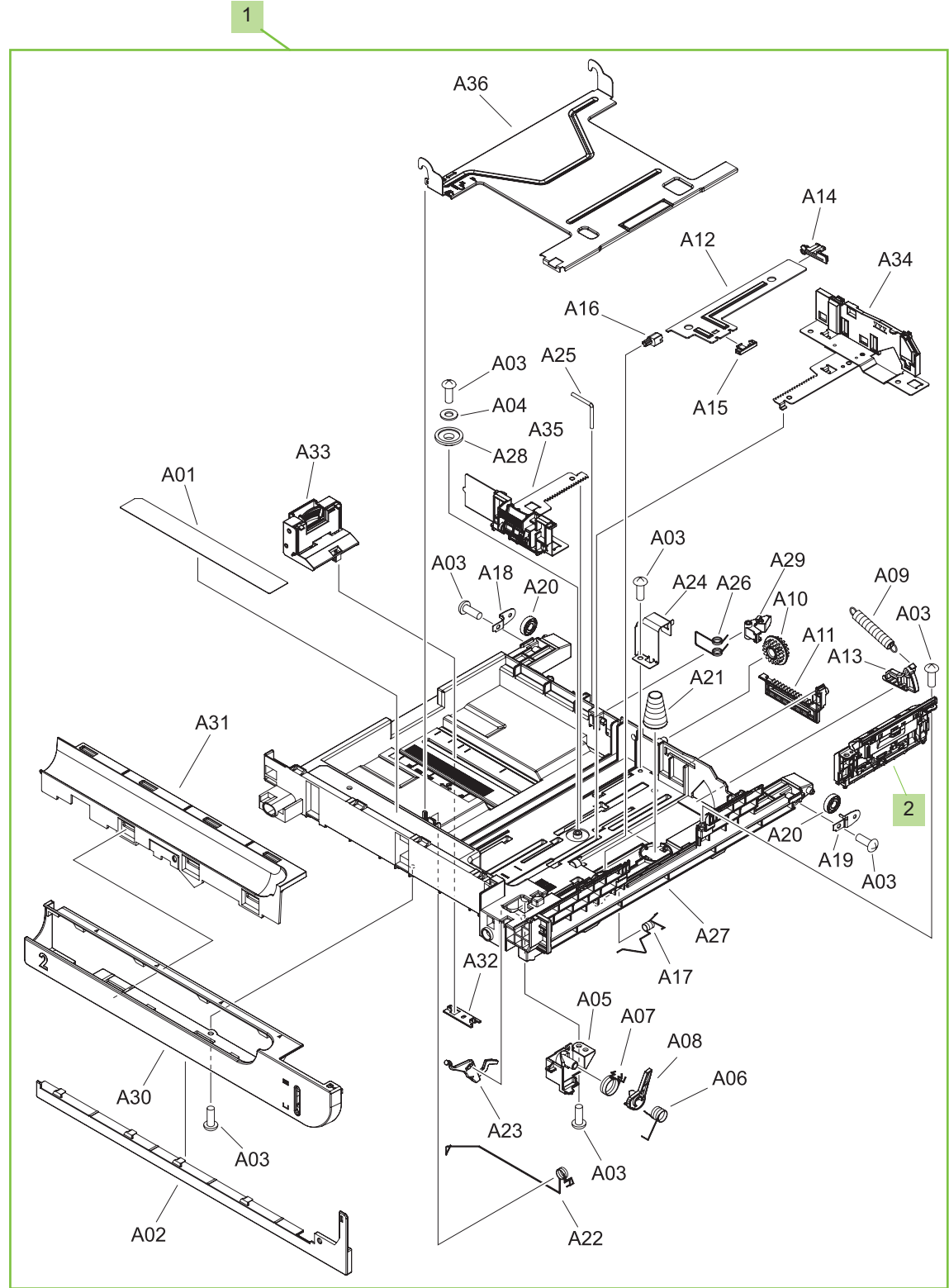


Table 8-18 250-sheet cassette

Ref	Description	Part number	Qty
1	250-sheet cassette	RM1-4962-000CN	1
2	Separation roller assy	RM1-4966-000CN	1

250-sheet cassette paper pickup assembly

Figure 8-11 250-sheet cassette paper pickup assembly

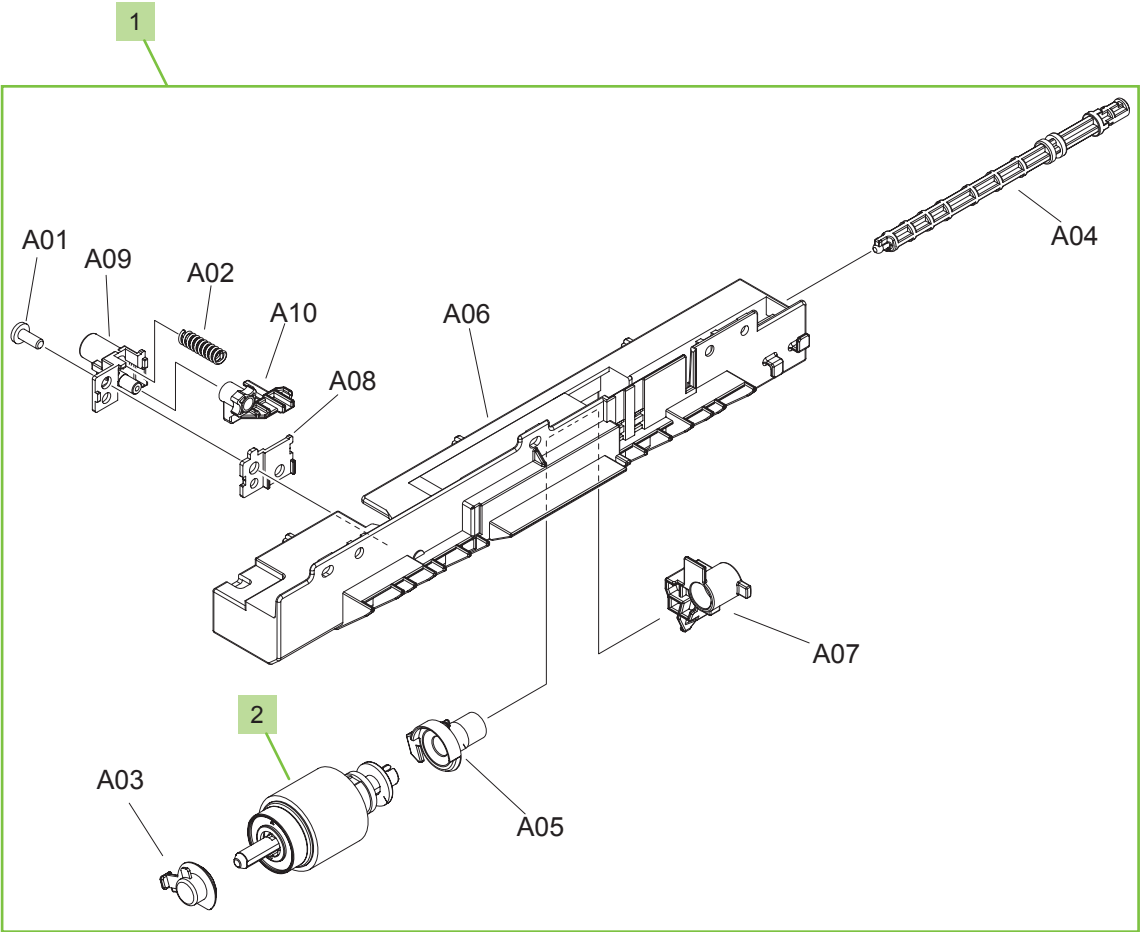


Table 8-19 250-sheet cassette paper pickup assembly

Ref	Description	Part number	Qty
1	250-sheet cassette paper pickup assembly	RM1-4967-000CN	1
2	250-sheet cassette paper pickup roller	RM1-4968-000CN	

Registration assembly

Figure 8-12 Registration assembly

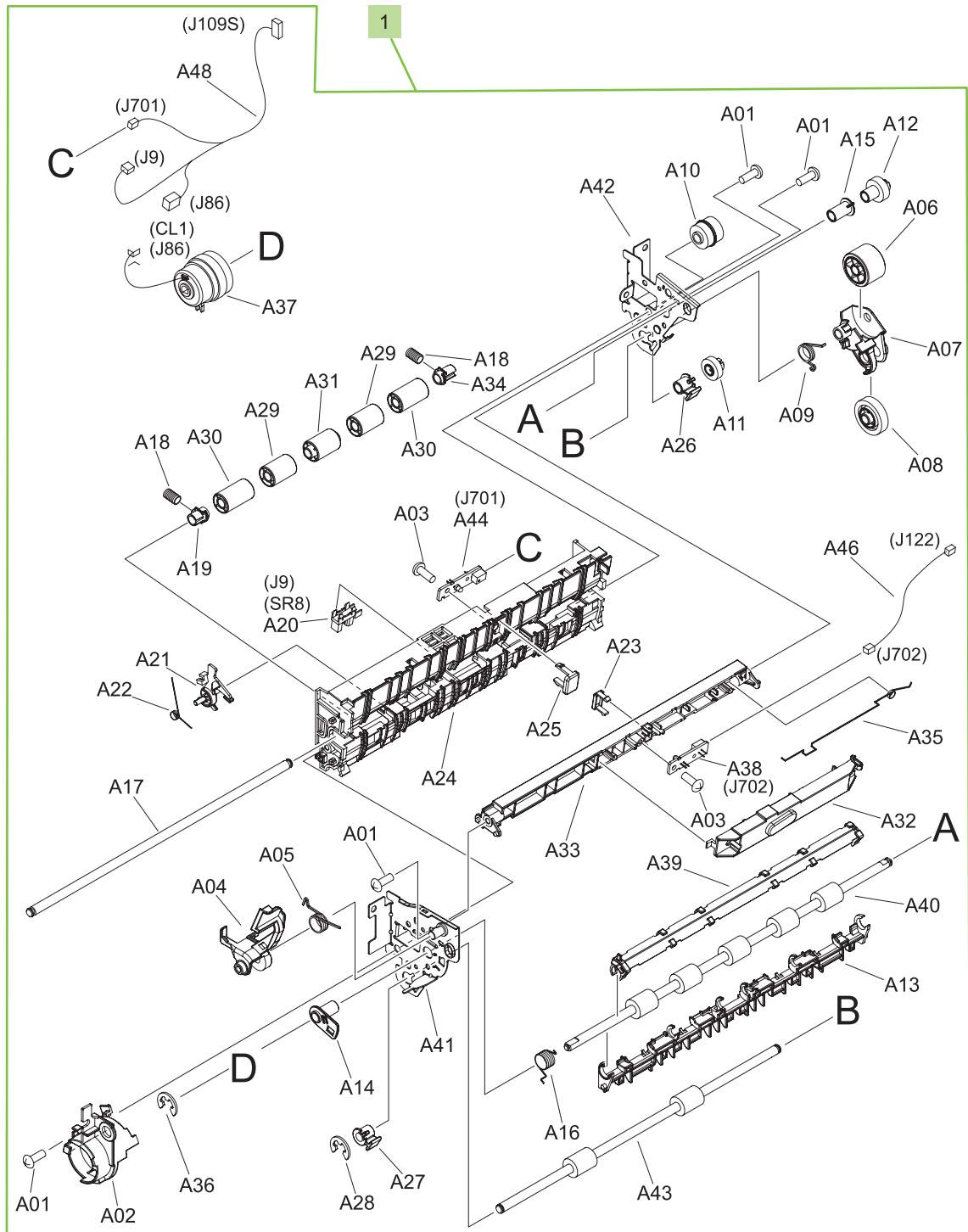


Table 8-20 Registration assembly

Ref	Description	Part number	Qty
1	Registration assembly	RM1-4969-000CN	1

Paper-delivery assembly

Figure 8-13 Paper-delivery assembly

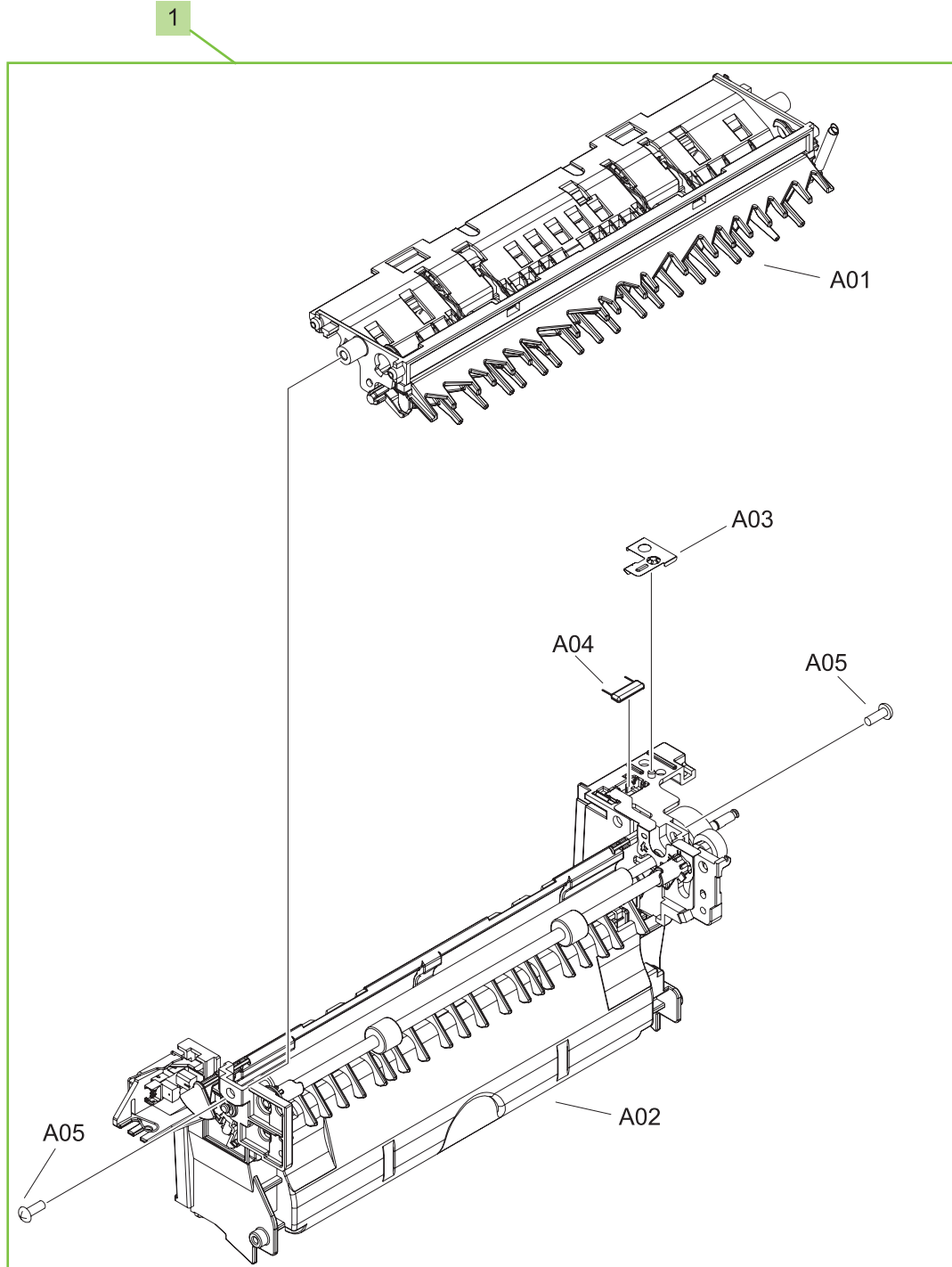


Table 8-21 Paper-delivery assembly

Ref	Description	Part number	Qty
1	Paper-delivery assembly	RM1-4970-000CN	1

PCAs

Figure 8-14 PCAs

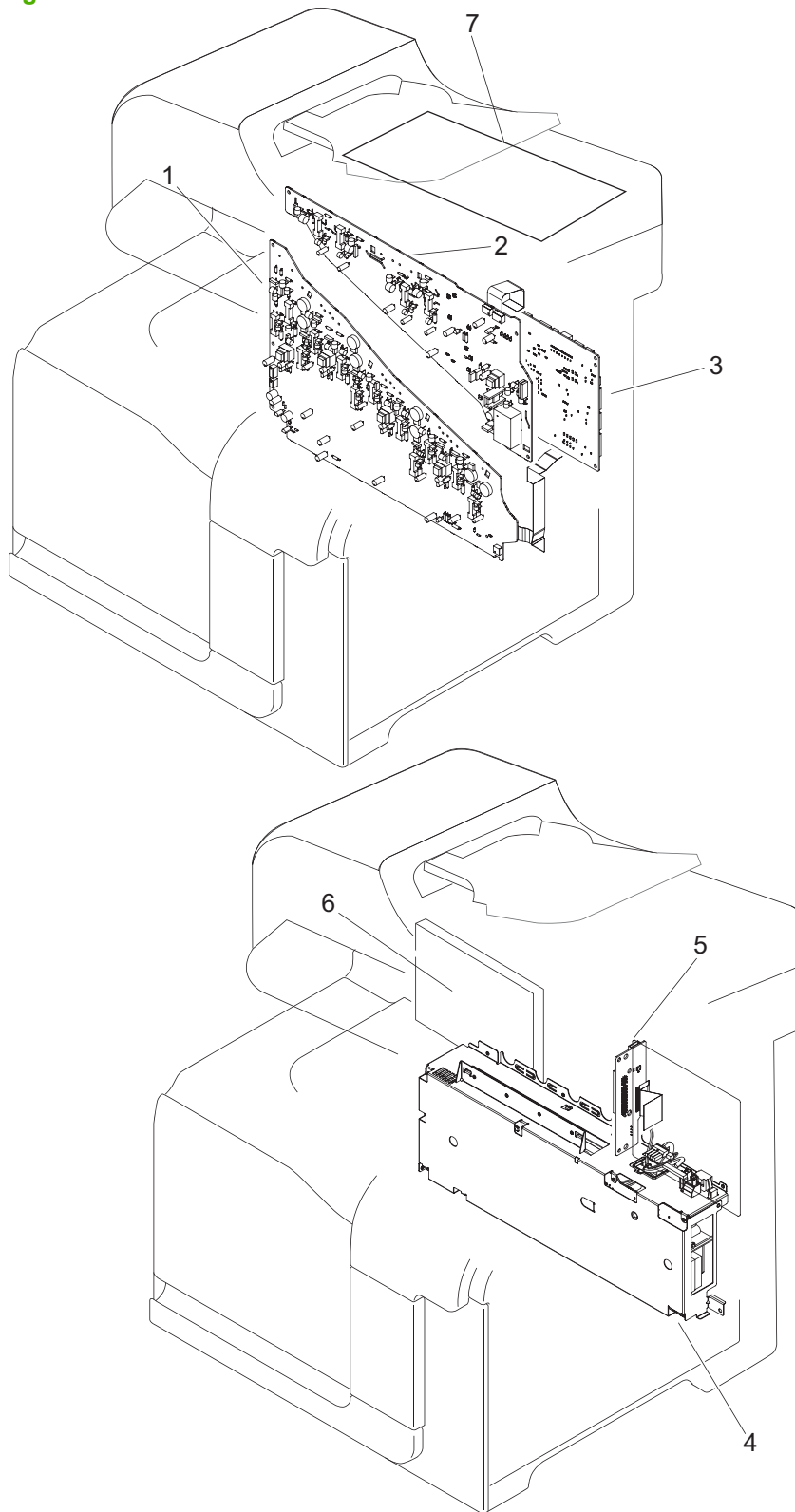


Table 8-22 PCAs

Ref	Description	Part number	Qty
1	High-voltage power supply lower PCA (HVPS-D)	RM1-5680-000CN	1
2	High-voltage power supply upper PCA (HVPS-T)	RM1-5681-000CN	1
3	DC controller PCA	RM1-5678-000CN	1
4	Low-voltage power supply PCA(110 v)	RM1-5689-000CN	1
4	Low-voltage power supply PCA(220 v)	RM1-5690-000CN	1
5	Interconnect board (ICB)	CC453-60001	1
6	Formatter PCA	CC452-60001	1
7	Scanner controller board (SCB)	CC454-60002	1

Formatter components

Figure 8-15 Formatter components

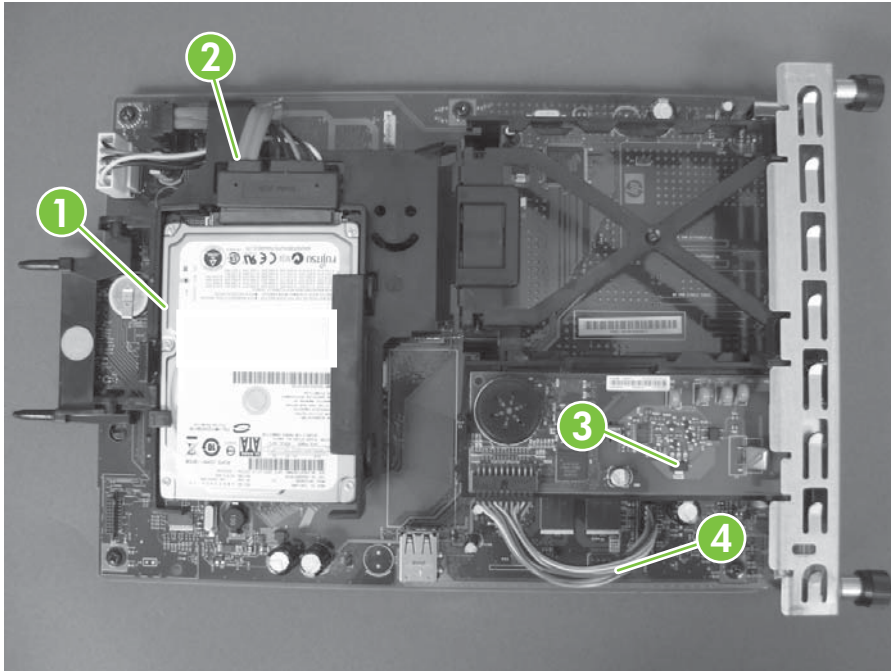


Table 8-23 Formatter components

Ref	Description	Part number	Qty
1	Hard drive, 80GB 2.5-inch SATA ROHS	CC519-67904	1
2	SATA hard drive cable power/data	CC519-67905	1
3	Fax controller PCA	CC456-60001	1
4	Fax cable	CC519-67907	1

Accessories

500-sheet paper feeder

Figure 8-16 500-sheet paper feeder

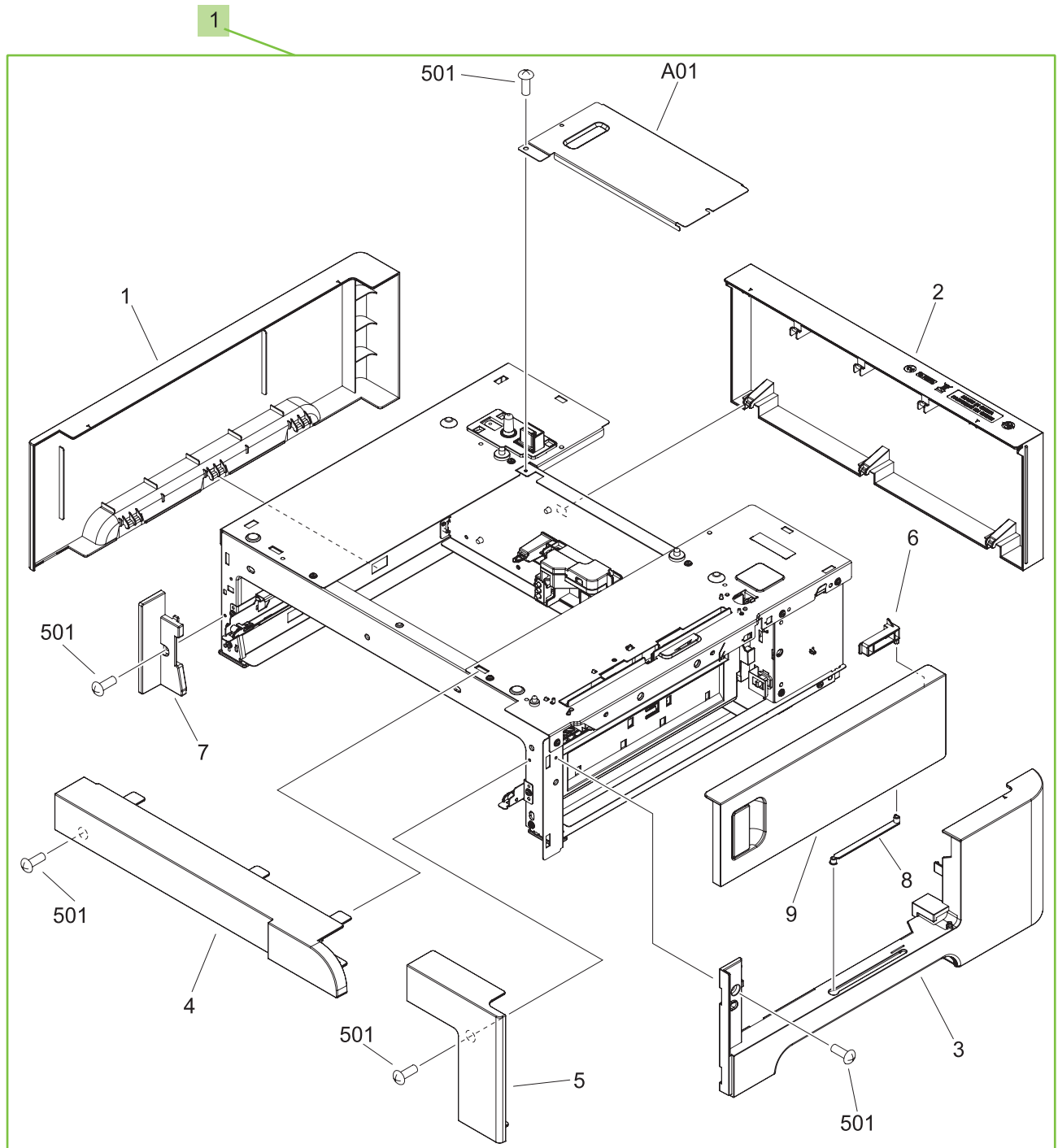


Table 8-24 500-sheet paper feeder

Ref	Description	Part number	Qty
1	500-sheet feeder replacement	CE222-67901	1
Not shown	500-sheet paper feeder right door kit	CC468-67906	1
Not shown	500-sheet cassette	RM1-6198-000CN	1

Paper feeder main body

Figure 8-17 Paper feeder main body

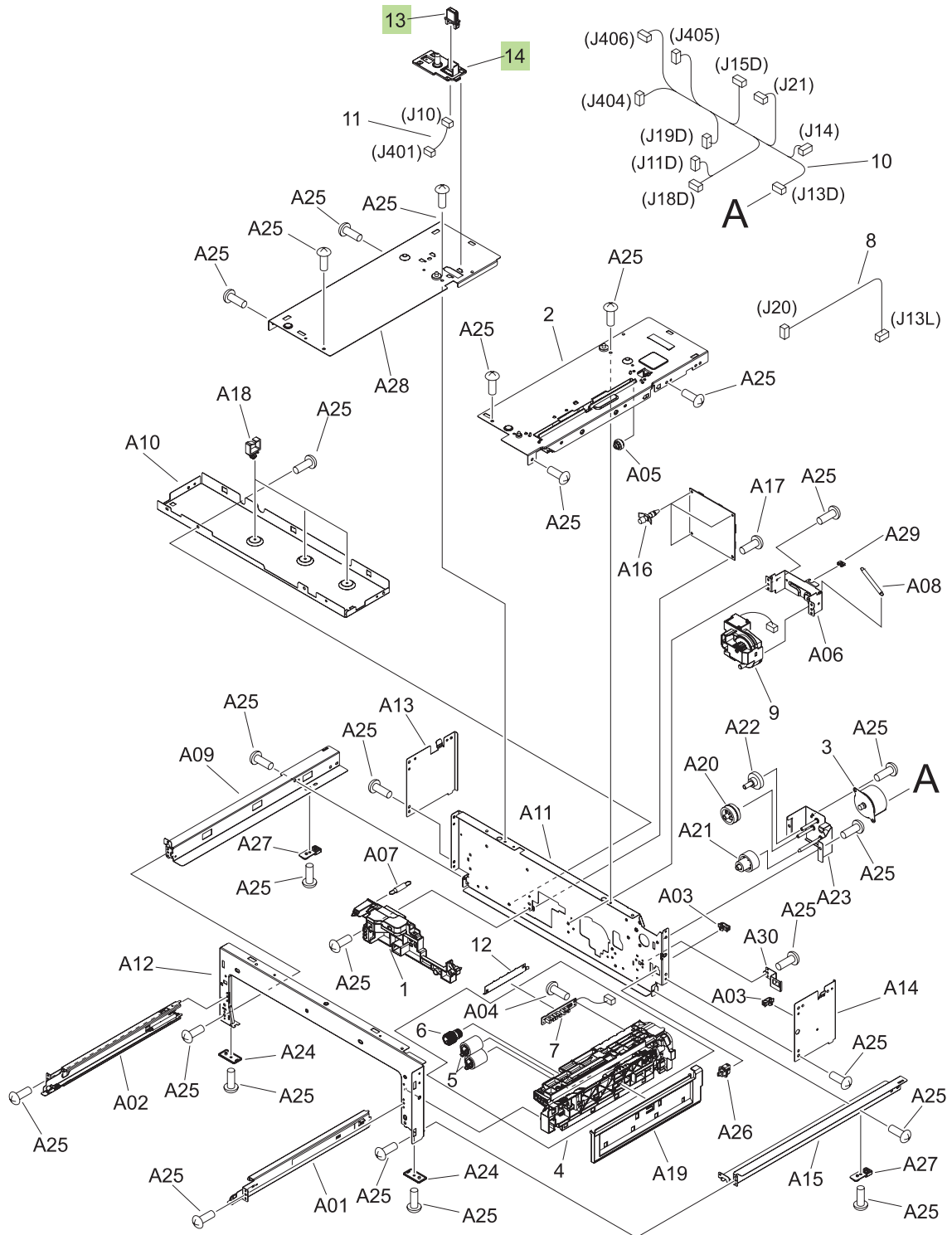


Table 8-25 Paper feeder main body

Ref	Description	Part number	Qty
13	Drawer connector (Tray 3)	VS1-7257-007CN	1
14	Drawer connector holder (Tray 3)	RC2-5416-000CN	1

Alphabetical parts list

Table 8-26 Alphabetical parts list

Description	Part number	Table and page
250-sheet cassette	RM1-4962-000CN	250-sheet cassette on page 539
250-sheet cassette paper pickup assembly	RM1-4967-000CN	250-sheet cassette paper pickup assembly on page 541
250-sheet cassette paper pickup roller	RM1-4968-000CN	250-sheet cassette paper pickup assembly on page 541
500-sheet cassette	RM1-6198-000CN	500-sheet paper feeder on page 551
500-sheet feeder replacement	CE222-67901	500-sheet paper feeder on page 551
500-sheet paper feeder right door kit	CC468-67906	500-sheet paper feeder on page 551
ADF assembly	CC483-60103	ADF/scanner assembly on page 521
ADF feed roller kit	CC519-67909	ADF/scanner assembly on page 521
Base	RL1-2144-000CN	Internal components (2 of 5) on page 529
Base	RL1-1923-000CN	Internal components (2 of 5) on page 529
Base assembly	RM1-4979-000CN	Internal components (2 of 5) on page 529
Cable, AC (stapler power)	RK2-2501-000CN	Internal components (4 of 5) on page 533
Cartridge lock lever	RC2-5954-000CN	Internal components (3 of 5) on page 531
Cassette paper pick up drive assembly with motor	RM1-4975-000CN	Internal components (5 of 5) on page 535
Connecting cable assembly	RM1-5749-000CN	Internal components (2 of 5) on page 529
Control panel assembly	CC519-60115	ADF/scanner assembly on page 521
Control-panel cable	CC519-60107	ADF/scanner assembly on page 521
Cover	RC2-5912-000CN	Internal components (2 of 5) on page 529
Cover	RC2-5962-000CN	Internal components (2 of 5) on page 529
Cover, control panel	RC2-5180-000CN	External covers, panels, and doors; on page 523
Cover, control panel, rear	RC2-5181-000CN	External covers, panels, and doors; on page 523

Table 8-26 Alphabetical parts list (continued)

Description	Part number	Table and page
Cover, front inner lower	RL1-1914-000CN	Internal components (1 of 5) on page 527
Cover, front inner lower	RL1-1915-000CN	Internal components (1 of 5) on page 527
Cover, front inner upper	RC2-5006-000CN	Internal components (1 of 5) on page 527
Cover, left	RC2-5052-000CN	External covers, panels, and doors; on page 523
Cover, left lower	RC2-5069-000CN	Internal components (1 of 5) on page 527
Cover, left rear	RC2-5188-000CN	External covers, panels, and doors; on page 523
Cover, rear	RC2-5048-000CN	External covers, panels, and doors; on page 523
Cover, rear right	RC2-5057-000CN	External covers, panels, and doors; on page 523
Cover, rear, upper	RC2-5185-000CN	External covers, panels, and doors; on page 523
Cover, right (with stapler)	RC2-5192-000CN	External covers, panels, and doors; on page 523
Cover, right (without stapler)	RC2-5189-000CN	External covers, panels, and doors; on page 523
Cover, right front	RC2-5056-000CN	External covers, panels, and doors; on page 523
Cover, right lower	RC2-5059-000CN	External covers, panels, and doors; on page 523
Cover, right lower inner	RC2-5019-000CN	Internal components (3 of 5) on page 531
Cover, upper rear	RL1-1953-000CN	External covers, panels, and doors; on page 523
Cover, upper right	RC2-5182-000CN	External covers, panels, and doors; on page 523
DC controller PCA	RM1-5678-000CN	PCAs on page 547
Density detect sensor assembly	RM1-4953-000CN	Internal components (3 of 5) on page 531
Door stopper right link	RC2-4916-000CN	Internal components (4 of 5) on page 533
Door switch assembly	RM1-5732-000CN	Internal components (3 of 5) on page 531
Drawer connector (Tray 3)	VS1-7257-007CN	Paper feeder main body on page 553
Drawer connector holder (Tray 3)	RC2-5416-000CN	Paper feeder main body on page 553

Table 8-26 Alphabetical parts list (continued)

Description	Part number	Table and page
Drum motor assembly	RM1-4988-000CN	Internal components (5 of 5) on page 535
Duplexing drive assembly	RM1-4973-000CN	Internal components (5 of 5) on page 535
Duplexing unit cable assembly	RM1-5730-000CN	Internal components (5 of 5) on page 535
Fan	RK2-2418-000CN	Internal components (2 of 5) on page 529
Fan	RK2-2416-000CN	Internal components (4 of 5) on page 533
Fan cable assembly	RM1-5746-000CN	Internal components (2 of 5) on page 529
Fax cable	CC519-67907	Formatter components on page 549
Fax controller PCA	CC456-60001	Formatter components on page 549
Formatter PCA	CC452-60001	PCAs on page 547
Front cable assembly	RM1-6998-000CN	Internal components (3 of 5) on page 531
Front lock arm assembly	RM1-5532-000CN	Internal components (3 of 5) on page 531
Fuser/Fixing service kit 220 v	CC519-67902	Fuser on page 537
Fuser/Fixing service kit 110 v	CC519-67901	Fuser on page 537
Fusing connecting cable assembly	RM1-5714-000CN	Internal components (4 of 5) on page 533
Fusing drive assembly with motor	RM1-4974-000CN	Internal components (5 of 5) on page 535
Hard drive, 80GB 2.5-inch SATA ROHS	CC519-67904	Formatter components on page 549
High-voltage power supply lower PCA (HVPS-D)	RM1-5680-000CN	PCAs on page 547
High-voltage power supply upper PCA (HVPS-T)	RM1-5681-000CN	PCAs on page 547
Holder, AC	RC2-5194-000CN	External covers, panels, and doors; on page 523
Holder, cartridge lock lever	RC2-5955-000CN	Internal components (2 of 5) on page 529
Interconnect board (ICB)	CC453-60001	PCAs on page 547
Interlock link	RC2-5120-000CN	Internal components (3 of 5) on page 531
Interlock link	RC2-5119-000CN	Internal components (3 of 5) on page 531
Interlock link	RC2-5118-000CN	Internal components (3 of 5) on page 531

Table 8-26 Alphabetical parts list (continued)

Description	Part number	Table and page
Interlock link	RC2-5122-000CN	Internal components (3 of 5) on page 531
Interlock link switch arm	RC2-5121-000CN	Internal components (3 of 5) on page 531
Interlock switch mount	RC2-5123-000CN	Internal components (3 of 5) on page 531
ITB assembly service kit	CC468-67907	Internal components (3 of 5) on page 531
Lever, box presence detect	RC2-5951-000CN	Internal components (1 of 5) on page 527
Lever, cartridge lock	RC2-5954-000CN	Internal components (2 of 5) on page 529
Lever, cartridge pressure front	RC2-3983-000CN	Internal components (1 of 5) on page 527
Lever, shutter	RU6-4415-000CN	Internal components (2 of 5) on page 529
Lifter cable assembly	RM1-5742-000CN	Internal components (1 of 5) on page 527
Lifter drive assembly	RM1-4976-000CN	Internal components (5 of 5) on page 535
Link, door stopper right	RC2-4916-000CN	Internal components (3 of 5) on page 531
Lock, door	RC2-5937-000CN	Internal components (1 of 5) on page 527
Low-voltage power supply PCA(110 v)	RM1-5689-000CN	PCAs on page 547
Low-voltage power supply PCA(220 v)	RM1-5690-000CN	PCAs on page 547
Lower cartridge guide assembly	RM1-4984-000CN	Internal components (2 of 5) on page 529
Lower pick up guide assembly	RM1-4980-000CN	Internal components (3 of 5) on page 531
Motor/sensor cable assembly	RM1-5752-000CN	Internal components (2 of 5) on page 529
Multipurpose tray sensor cable assembly	RM1-5737-000CN	Internal components (4 of 5) on page 533
Paper-delivery assembly	RM1-4970-000CN	Paper-delivery assembly on page 545
PCI express RoHS cable	5851-3141	ADF/scanner assembly on page 521
Photo interrupter, TLP1243	WG8-5696-000CN	Internal components (3 of 5) on page 531
Photo interrupter, TLP1243	WG8-5696-000CN	Internal components (5 of 5) on page 535
Pickup motor cable assembly	RM1-5731-000CN	Internal components (5 of 5) on page 535

Table 8-26 Alphabetical parts list (continued)

Description	Part number	Table and page
Plate, blanking	RC2-5938-000CN	External covers, panels, and doors; on page 523
Power supply button	RL1-1947-000CN	Internal components (3 of 5) on page 531
Power supply switch assembly	RM1-5697-000CN	Internal components (3 of 5) on page 531
Rear cable assembly	RM1-5721-000CN	Internal components (4 of 5) on page 533
Rear lock arm assembly	RM1-5533-000CN	Internal components (3 of 5) on page 531
Rear pre-exposure PCA	RM1-5705-000CN	Internal components (5 of 5) on page 535
Registration assembly	RM1-4969-000CN	Registration assembly on page 543
Rib, Control panel	RC2-5179-000CN	External covers, panels, and doors; on page 523
Right door assembly	RM1-4957-000CN	Right door assembly on page 525
Right door rear hinge	RC2-4895-000CN	Internal components (4 of 5) on page 533
SATA hard drive cable power/data	CC519-67905	Formatter components on page 549
Scanner assembly (ADF assembly and SCB PCA are <i>not</i> included)	CC519-67914	ADF/scanner assembly on page 521
Scanner controller board (SCB)	CC454-60002	ADF/scanner assembly on page 521
Scanner controller board (SCB)	CC454-60002	PCAs on page 547
Scanner flat cable (FFC)	RK2-2506-000CN	Internal components (4 of 5) on page 533
Scanner flat cable (FFC)	RK2-2508-000CN	Internal components (4 of 5) on page 533
Seal, waste toner box	RC2-4780-000CN	Internal components (1 of 5) on page 527
Sensor cable assembly	RM1-5740-000CN	Internal components (2 of 5) on page 529
Sensor cable assembly	RM1-5741-000CN	Internal components (2 of 5) on page 529
Sensor unit, Tmp/Hum sensor	RK2-2229-000CN	Internal components (2 of 5) on page 529
Separation roller assy	RM1-4966-000CN	250-sheet cassette on page 539
Shaft	RC2-5913-000CN	Internal components (3 of 5) on page 531

Table 8-26 Alphabetical parts list (continued)

Description	Part number	Table and page
Shutter	RC2-5910-000CN	Internal components (2 of 5) on page 529
Shutter	RC2-4413-000CN	Internal components (2 of 5) on page 529
Shutter front arm	RC2-4406-000CN	Internal components (2 of 5) on page 529
Shutter rear arm	RC2-4407-000CN	Internal components (2 of 5) on page 529
Spring, compression	RU6-2568-000CN	Internal components (1 of 5) on page 527
Spring, compression	RU6-2318-000CN	Internal components (2 of 5) on page 529
Spring, compression	RU6-2316-000CN	Internal components (2 of 5) on page 529
Spring, ground	RU6-2237-000CN	Internal components (1 of 5) on page 527
Spring, leaf	RC2-5970-000CN	Internal components (2 of 5) on page 529
Spring, tension	RU6-2236-000CN	Internal components (1 of 5) on page 527
Spring, tension	RU6-2436-000CN	Internal components (2 of 5) on page 529
Spring, torsion	RC2-5958-000CN	Internal components (2 of 5) on page 529
Spring, torsion	RC2-5934-000CN	Internal components (3 of 5) on page 531
Spring, torsion	RC2-5958-000CN	Internal components (3 of 5) on page 531
Stapler mechanism	CC483-60107	Internal components (4 of 5) on page 533
Stapler power supply	Q7429-60501	Internal components (4 of 5) on page 533
Stapler, right cover assembly	RM1-5033-000CN	External covers, panels, and doors; on page 523
Stepping motor, DC (developing disengagement)	RK2-2415-000CN	Internal components (5 of 5) on page 535
Switch	WC4-5171-000CN	Internal components (3 of 5) on page 531
Switch arm	RC2-5943-000CN	Internal components (4 of 5) on page 533
Switch cable assembly	RM1-5718-000CN	Internal components (3 of 5) on page 531
Switch lever	RC2-5124-000CN	Internal components (3 of 5) on page 531

Table 8-26 Alphabetical parts list (continued)

Description	Part number	Table and page
Tab	RC2-5909-000CN	Internal components (2 of 5) on page 529
Tab	RC2-4428-000CN	Internal components (2 of 5) on page 529
Toner sensor holder assembly	RM1-5700-000CN	Internal components (2 of 5) on page 529
Transfer roller assembly service kit	CC468-67914	Internal components (3 of 5) on page 531
Tray, paper delivery	RL1-1941-000CN	External covers, panels, and doors; on page 523
Tray 1 pickup roller	RL1-1928-000CN	Right door assembly on page 525
Waste toner detect assembly	RM1-5696-000CN	Internal components (1 of 5) on page 527
Waste toner duct assembly (motor)	RM1-4977-000CN	Internal components (1 of 5) on page 527

Numerical parts list

Table 8-27 Numerical parts list

Part number	Description	Table and page
5851-3141	PCI express RoHS cable	ADF/scanner assembly on page 521
CC452-60001	Formatter PCA	PCAs on page 547
CC453-60001	Interconnect board (ICB)	PCAs on page 547
CC454-60002	Scanner controller board (SCB)	ADF/scanner assembly on page 521
CC454-60002	Scanner controller board (SCB)	PCAs on page 547
CC456-60001	Fax controller PCA	Formatter components on page 549
CC468-67906	500-sheet paper feeder right door kit	500-sheet paper feeder on page 551
CC468-67907	ITB assembly service kit	Internal components (3 of 5) on page 531
CC468-67914	Transfer roller assembly service kit	Internal components (3 of 5) on page 531
CC483-60103	ADF assembly	ADF/scanner assembly on page 521
CC483-60107	Stapler mechanism	Internal components (4 of 5) on page 533
CC519-60107	Control-panel cable	ADF/scanner assembly on page 521
CC519-60115	Control panel assembly	ADF/scanner assembly on page 521
CC519-67901	Fuser/Fixing service kit110 v	Fuser on page 537
CC519-67902	Fuser/Fixing service kit 220 v	Fuser on page 537
CC519-67904	Hard drive, 80GB 2.5-inch SATA ROHS	Formatter components on page 549
CC519-67905	SATA hard drive cable power/data	Formatter components on page 549
CC519-67907	Fax cable	Formatter components on page 549
CC519-67909	ADF feed roller kit	ADF/scanner assembly on page 521
CC519-67914	Scanner assembly (ADF assembly and SCB PCA are <i>not</i> included)	ADF/scanner assembly on page 521
CE222-67901	500-sheet feeder replacement	500-sheet paper feeder on page 551
Q7429-60501	Stapler power supply	Internal components (4 of 5) on page 533

Table 8-27 Numerical parts list (continued)

Part number	Description	Table and page
RC2-3983-000CN	Lever, cartridge pressure front	Internal components (1 of 5) on page 527
RC2-4406-000CN	Shutter front arm	Internal components (2 of 5) on page 529
RC2-4407-000CN	Shutter rear arm	Internal components (2 of 5) on page 529
RC2-4413-000CN	Shutter	Internal components (2 of 5) on page 529
RC2-4428-000CN	Tab	Internal components (2 of 5) on page 529
RC2-4780-000CN	Seal, waste toner box	Internal components (1 of 5) on page 527
RC2-4895-000CN	Right door rear hinge	Internal components (4 of 5) on page 533
RC2-4916-000CN	Link, door stopper right	Internal components (3 of 5) on page 531
RC2-4916-000CN	Door stopper right link	Internal components (4 of 5) on page 533
RC2-5006-000CN	Cover, front inner upper	Internal components (1 of 5) on page 527
RC2-5019-000CN	Cover, right lower inner	Internal components (3 of 5) on page 531
RC2-5048-000CN	Cover, rear	External covers, panels, and doors; on page 523
RC2-5052-000CN	Cover, left	External covers, panels, and doors; on page 523
RC2-5056-000CN	Cover, right front	External covers, panels, and doors; on page 523
RC2-5057-000CN	Cover, rear right	External covers, panels, and doors; on page 523
RC2-5059-000CN	Cover, right lower	External covers, panels, and doors; on page 523
RC2-5069-000CN	Cover, left lower	Internal components (1 of 5) on page 527
RC2-5118-000CN	Interlock link	Internal components (3 of 5) on page 531
RC2-5119-000CN	Interlock link	Internal components (3 of 5) on page 531
RC2-5120-000CN	Interlock link	Internal components (3 of 5) on page 531
RC2-5121-000CN	Interlock link switch arm	Internal components (3 of 5) on page 531
RC2-5122-000CN	Interlock link	Internal components (3 of 5) on page 531

Table 8-27 Numerical parts list (continued)

Part number	Description	Table and page
RC2-5123-000CN	Interlock switch mount	Internal components (3 of 5) on page 531
RC2-5124-000CN	Switch lever	Internal components (3 of 5) on page 531
RC2-5179-000CN	Rib, Control panel	External covers, panels, and doors; on page 523
RC2-5180-000CN	Cover, control panel	External covers, panels, and doors; on page 523
RC2-5181-000CN	Cover, control panel, rear	External covers, panels, and doors; on page 523
RC2-5182-000CN	Cover, upper right	External covers, panels, and doors; on page 523
RC2-5185-000CN	Cover, rear, upper	External covers, panels, and doors; on page 523
RC2-5188-000CN	Cover, left rear	External covers, panels, and doors; on page 523
RC2-5189-000CN	Cover, right (without stapler)	External covers, panels, and doors; on page 523
RC2-5192-000CN	Cover, right (with stapler)	External covers, panels, and doors; on page 523
RC2-5194-000CN	Holder, AC	External covers, panels, and doors; on page 523
RC2-5416-000CN	Drawer connector holder (Tray 3)	Paper feeder main body on page 553
RC2-5909-000CN	Tab	Internal components (2 of 5) on page 529
RC2-5910-000CN	Shutter	Internal components (2 of 5) on page 529
RC2-5912-000CN	Cover	Internal components (2 of 5) on page 529
RC2-5913-000CN	Shaft	Internal components (3 of 5) on page 531
RC2-5934-000CN	Spring, torsion	Internal components (3 of 5) on page 531
RC2-5937-000CN	Lock, door	Internal components (1 of 5) on page 527
RC2-5938-000CN	Plate, blanking	External covers, panels, and doors; on page 523
RC2-5943-000CN	Switch arm	Internal components (4 of 5) on page 533
RC2-5951-000CN	Lever, box presence detect	Internal components (1 of 5) on page 527
RC2-5954-000CN	Lever, cartridge lock	Internal components (2 of 5) on page 529

Table 8-27 Numerical parts list (continued)

Part number	Description	Table and page
RC2-5954-000CN	Cartridge lock lever	Internal components (3 of 5) on page 531
RC2-5955-000CN	Holder, cartridge lock lever	Internal components (2 of 5) on page 529
RC2-5958-000CN	Spring, torsion	Internal components (2 of 5) on page 529
RC2-5958-000CN	Spring, torsion	Internal components (3 of 5) on page 531
RC2-5962-000CN	Cover	Internal components (2 of 5) on page 529
RC2-5970-000CN	Spring, leaf	Internal components (2 of 5) on page 529
RK2-2229-000CN	Sensor unit, Tmp/Hum sensor	Internal components (2 of 5) on page 529
RK2-2415-000CN	Stepping motor, DC (developing disengagement)	Internal components (5 of 5) on page 535
RK2-2416-000CN	Fan	Internal components (4 of 5) on page 533
RK2-2418-000CN	Fan	Internal components (2 of 5) on page 529
RK2-2501-000CN	Cable, AC (stapler power)	Internal components (4 of 5) on page 533
RK2-2506-000CN	Scanner flat cable (FFC)	Internal components (4 of 5) on page 533
RK2-2508-000CN	Scanner flat cable (FFC)	Internal components (4 of 5) on page 533
RL1-1914-000CN	Cover, front inner lower	Internal components (1 of 5) on page 527
RL1-1915-000CN	Cover, front inner lower	Internal components (1 of 5) on page 527
RL1-1923-000CN	Base	Internal components (2 of 5) on page 529
RL1-1928-000CN	Tray 1 pickup roller	Right door assembly on page 525
RL1-1941-000CN	Tray, paper delivery	External covers, panels, and doors; on page 523
RL1-1947-000CN	Power supply button	Internal components (3 of 5) on page 531
RL1-1953-000CN	Cover, upper rear	External covers, panels, and doors; on page 523
RL1-2144-000CN	Base	Internal components (2 of 5) on page 529
RM1-4953-000CN	Density detect sensor assembly	Internal components (3 of 5) on page 531

Table 8-27 Numerical parts list (continued)

Part number	Description	Table and page
RM1-4957-000CN	Right door assembly	Right door assembly on page 525
RM1-4962-000CN	250-sheet cassette	250-sheet cassette on page 539
RM1-4966-000CN	Separation roller assy	250-sheet cassette on page 539
RM1-4967-000CN	250-sheet cassette paper pickup assembly	250-sheet cassette paper pickup assembly on page 541
RM1-4968-000CN	250-sheet cassette paper pickup roller	250-sheet cassette paper pickup assembly on page 541
RM1-4969-000CN	Registration assembly	Registration assembly on page 543
RM1-4970-000CN	Paper-delivery assembly	Paper-delivery assembly on page 545
RM1-4973-000CN	Duplexing drive assembly	Internal components (5 of 5) on page 535
RM1-4974-000CN	Fusing drive assembly with motor	Internal components (5 of 5) on page 535
RM1-4975-000CN	Cassette paper pick up drive assembly with motor	Internal components (5 of 5) on page 535
RM1-4976-000CN	Lifter drive assembly	Internal components (5 of 5) on page 535
RM1-4977-000CN	Waste toner duct assembly (motor)	Internal components (1 of 5) on page 527
RM1-4979-000CN	Base assembly	Internal components (2 of 5) on page 529
RM1-4980-000CN	Lower pick up guide assembly	Internal components (3 of 5) on page 531
RM1-4984-000CN	Lower cartridge guide assembly	Internal components (2 of 5) on page 529
RM1-4988-000CN	Drum motor assembly	Internal components (5 of 5) on page 535
RM1-5033-000CN	Stapler, right cover assembly	External covers, panels, and doors; on page 523
RM1-5532-000CN	Front lock arm assembly	Internal components (3 of 5) on page 531
RM1-5533-000CN	Rear lock arm assembly	Internal components (3 of 5) on page 531
RM1-5678-000CN	DC controller PCA	PCAs on page 547
RM1-5680-000CN	High-voltage power supply lower PCA (HVPS-D)	PCAs on page 547
RM1-5681-000CN	High-voltage power supply upper PCA (HVPS-T)	PCAs on page 547
RM1-5689-000CN	Low-voltage power supply PCA(110 v)	PCAs on page 547
RM1-5690-000CN	Low-voltage power supply PCA(220 v)	PCAs on page 547

Table 8-27 Numerical parts list (continued)

Part number	Description	Table and page
RM1-5696-000CN	Waste toner detect assembly	Internal components (1 of 5) on page 527
RM1-5697-000CN	Power supply switch assembly	Internal components (3 of 5) on page 531
RM1-5700-000CN	Toner sensor holder assembly	Internal components (2 of 5) on page 529
RM1-5705-000CN	Rear pre-exposure PCA	Internal components (5 of 5) on page 535
RM1-5714-000CN	Fusing connecting cable assembly	Internal components (4 of 5) on page 533
RM1-5718-000CN	Switch cable assembly	Internal components (3 of 5) on page 531
RM1-5721-000CN	Rear cable assembly	Internal components (4 of 5) on page 533
RM1-5730-000CN	Duplexing unit cable assembly	Internal components (5 of 5) on page 535
RM1-5731-000CN	Pickup motor cable assembly	Internal components (5 of 5) on page 535
RM1-5732-000CN	Door switch assembly	Internal components (3 of 5) on page 531
RM1-5737-000CN	Multipurpose tray sensor cable assembly	Internal components (4 of 5) on page 533
RM1-5740-000CN	Sensor cable assembly	Internal components (2 of 5) on page 529
RM1-5741-000CN	Sensor cable assembly	Internal components (2 of 5) on page 529
RM1-5742-000CN	Lifter cable assembly	Internal components (1 of 5) on page 527
RM1-5746-000CN	Fan cable assembly	Internal components (2 of 5) on page 529
RM1-5749-000CN	Connecting cable assembly	Internal components (2 of 5) on page 529
RM1-5752-000CN	Motor/sensor cable assembly	Internal components (2 of 5) on page 529
RM1-6198-000CN	500-sheet cassette	500-sheet paper feeder on page 551
RM1-6998-000CN	Front cable assembly	Internal components (3 of 5) on page 531
RU6-2236-000CN	Spring, tension	Internal components (1 of 5) on page 527
RU6-2237-000CN	Spring, ground	Internal components (1 of 5) on page 527
RU6-2316-000CN	Spring, compression	Internal components (2 of 5) on page 529

Table 8-27 Numerical parts list (continued)

Part number	Description	Table and page
RU6-2318-000CN	Spring, compression	Internal components (2 of 5) on page 529
RU6-2436-000CN	Spring, tension	Internal components (2 of 5) on page 529
RU6-2568-000CN	Spring, compression	Internal components (1 of 5) on page 527
RU6-4415-000CN	Lever, shutter	Internal components (2 of 5) on page 529
VS1-7257-007CN	Drawer connector (Tray 3)	Paper feeder main body on page 553
WC4-5171-000CN	Switch	Internal components (3 of 5) on page 531
WG8-5696-000CN	Photo interrupter, TLP1243	Internal components (3 of 5) on page 531
WG8-5696-000CN	Photo interrupter, TLP1243	Internal components (5 of 5) on page 535

A Service and support

- [Hewlett-Packard limited warranty statement](#)
- [Print cartridge limited warranty statement](#)
- [HP Color LaserJet Fuser Kit Limited Warranty Statement](#)
- [End User License Agreement](#)
- [Customer self-repair warranty service](#)
- [Customer support](#)

Hewlett-Packard limited warranty statement

HP PRODUCT	DURATION OF LIMITED WARRANTY
HP Color LaserJet CM3530 Series MFP	One-year limited warranty

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Rev. 11/06

Customer self-repair warranty service

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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.

Customer support

Get telephone support, free during your warranty period, for your country/region

Country/region phone numbers are on the flyer that was in the box with your product or at www.hp.com/support/.

Have the product name, serial number, date of purchase, and problem description ready.

Get 24-hour Internet support

www.hp.com/support/cljcm3530mfp

Get support for products used with a Macintosh computer

www.hp.com/go/macosex

Download software utilities, drivers, and electronic information

www.hp.com/go/cljcm3530mfp_software

Order additional HP service or maintenance agreements

www.hp.com/go/carepack

B Product specifications

- [Physical specifications](#)
- [Electrical specifications](#)
- [Acoustic specifications](#)
- [Environmental specifications](#)

Physical specifications

Table B-1 Product dimensions

Product	Height	Depth	Width	Weight
HP Color LaserJet CM3530n	358 mm (14.1 in)	491 mm (19.3 in)	514 mm (20.2 in)	47.6 kg (105.0 lb)
HP Color LaserJet CM3530dn	358 mm (14.1 in)	491 mm (19.3 in)	514 mm (20.2 in)	47.6 kg (105.0 lb)
HP Color LaserJet CM3530x	520 mm (20.5 in)	491 mm (19.3 in)	514 mm (20.2 in)	48.4 kg (106.6 lb)

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

Product	Height	Depth	Width
HP Color LaserJet CM3530n	358 mm (14.1 in)	739 mm (29.1 in)	822 mm (32.4 in)
HP Color LaserJet CM3530dn	358 mm (14.1 in)	739 mm (29.1 in)	822 mm (32.4 in)
HP Color LaserJet CM3530x	520 mm (20.5 in)	739 mm (29.1 in)	822 mm (32.4 in)

Electrical specifications

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

Table B-3 Power requirements

Specification	110-volt models	220-volt models
Power requirements	115 to 127 volts ($\pm 10\%$)	220 to 240 volts ($\pm 10\%$)
	50/60 Hz (± 2 Hz)	50/60 Hz (± 2 Hz)
Rated current	8.5 Amps	4.5 Amps

Table B-4 Power consumption (average, in watts)¹²⁴⁶

Product model	Copy/scan	Printing	Ready	Sleep 1	Sleep 2	Off
HP Color LaserJet CM3530 models	666 W	652 W	87.4 W	72.2 W	18.1 W	0.84 W

¹ Values subject to change. See www.hp.com/support/cljcm3530mfp for current information.

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

³ Default time from Ready mode to Sleep 2 = 30 minutes.

⁴ Heat dissipation in Ready mode = 298.3 BTU/hour.

⁶ HP Color LaserJet CM3530 speed is 31 ppm Letter size.

Acoustic specifications

Table B-5 HP Color LaserJet CM3530 MFP Series¹³

Sound power level	Declared per ISO 9296
Printing	L_{wAd} = 6.8 Bels (A) [68 dB(A)]

Table B-5 HP Color LaserJet CM3530 MFP Series (continued)

Sound power level	Declared per ISO 9296
ADF copying	$L_{WAd} = 7.0$ Bels (A) [70 dB(A)]
Ready	$L_{WAd} = 4.8$ Bels (A) [48 dB(A)]
Sound pressure level - bystander position	Declared per ISO 9296
Printing	$L_{pAm} = 53$ dB (A)
ADF copying	$L_{pAm} = 55$ dB (A)
Ready	$L_{pAm} = 34$ dB (A)

¹ Values are based on preliminary data. See www.hp.com/support/cljcm3530mfp for current information.

³ Configuration tested: HP Color LaserJet CM3530 printer printing on A4-size paper in simplex mode

Environmental specifications

Environmental condition	Recommended	Storage
Temperature (product and print cartridge)	15° to 27°C (59° to 80.6°F)	0° to 35°C (32° to 95°F)
Relative humidity	20% to 60% relative humidity (RH)	10% to 90% RH
Altitude	N/A	0 meters (0 feet) to 2500 meters (8000 feet)

C Regulatory information

- [FCC regulations](#)
- [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.

Declaration of Conformity

Declaration of Conformity

according to ISO/IEC 17050–1 and EN 17050–1, DoC#: BOISB-0802-00-rel.1.0

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

declares that the product

Product Name: HP Color LaserJet CM3530 series
Regulatory Model Number:²⁾ BOISB-0802-00

Product Options: Including: CE522A — Optional 500-Sheet Paper and Heavy Media Tray
ALL


Print Cartridges: CE250X, CE250A, CE251A, CE252A, CE253A

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 22:2005 / EN 55022:2006 – Class B¹⁾
EN 61000-3-2:2000 +A2
EN 61000-3-3:1995 + A1
EN 55024:1998 +A1 + A2
FCC Title 47 CFR, Part 15 Class B/ ICES-003, Issue 4
GB9254-1998, GB17625.1–2003

Supplementary Information:

The product herewith complies with the requirements of the EMC Directive 2004/108/EC and the Low Voltage Directive 2006/95/EC, and carries the CE-Marking  accordingly.

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.

1) The product was tested in a typical configuration with Hewlett-Packard Personal Computer Systems.

2) 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).

Boise, Idaho , USA

December 19, 2007

For regulatory topics only:

European Contact: Your Local Hewlett-Packard Sales and Service Office or Hewlett-Packard GmbH, Department HQ-TRE / Standards Europe, Herrenberger Straße 140, D-71034 Böblingen, Germany, (FAX: +49-7031-14-3143), <http://www.hp.com/go/certificates>

USA Contact: Product Regulations Manager, Hewlett-Packard Company, PO Box 15, Mail Stop 160, Boise, Idaho 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A情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

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。

EMC statement (Korea)

B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.
-----------------------	--

Laser statement for Finland

Luokan 1 laserlaite

Klass 1 Laser Apparat

HP Color LaserJet CM3530, CM3530fs, laserkirjoitin on käyttäjän kannalta turvallinen luokan 1 laserlaite. Normaalisissa käytössä kirjoittimen suojakotelointi estää lasersäteiden 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 Color LaserJet CM3530, CM3530fs - 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 laserdiodin säteilyominaisuuksista: Aallonpituus 775-795 nm Teho 5 m W Luokan 3B laser.

Substances Table (China)

有毒有害物质表

根据中国电子信息产品污染控制管理办法的要求而出台

部件名称	有毒有害物质和元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
打印引擎	X	0	X	0	0	0
复印机组件	X	0	0	0	0	0
控制面板	0	X	0	0	0	0
塑料外壳	0	0	0	0	0	0
格式化板组件	X	0	0	0	0	0
碳粉盒	X	0	0	0	0	0

3688

0：表示在此部件所用的所有同类材料中，所含的此有毒或有害物质均低于 SJ/T11363-2006 的限制要求。

X：表示在此部件所用的所有同类材料中，至少一种所含的此有毒或有害物质高于 SJ/T11363-2006 的限制要求。

注：引用的“环保使用期限”是根据在正常温度和湿度条件下操作使用产品而确定的。

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