The following are updates to the latest version of the CLJ4500/4550 combined service manual, part number C7085-90921.

Page 14 - The HP LaserJet 4550HDN printer is the base model with a 5 GB hard

Document Summary
✔ Updates include information that is incorrect or missing in the service manual.

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drive, an HP JetDirect 610 print server (network card), a 500-sheet paper feeder, a duplex unit, and 64 MB of RAM.

Page 18 - Figure 1-3 shows a Serial No. that begins with US. Serial numbers for all 4500/4550 printers models begin with JP. Also, the label has Made in Singapore listed and the 4500/4550 labels will read "Made in Japan".

Page 120 - Add details on toner level sensing:
How does it work?
The Toner Level Sensor Assembly is mounted to the carousel drive assembly on the right side of the printer chassis. This PCA provides for continuous toner level sensing. To obtain the toner level, the printer measures capacitance of the toner through the developer sleeve, onto the copper plate in the carousel. Each time the carousel turns, the toner level sensing PCA takes a reading from the cartridge. The Toner Level Sensing PCA then reports these signals to the formatter.

How are the readings reported on the Supplies Status Page?
The TLS levels reported on the Supplies Status Page (SSP) are an average of the raw information that is reported to the formatter. At power-on, the toner level value listed on the Supplies Status Page is the highest level reported to the formatter through the first 8 readings taken. After 8 readings have been taken, a running average of the last 8 readings is reported on the SSP. The running average continues until the printer is power-cycled, or the top cover is

opened. If the printer is power-cycled or the top cover is opened, the printer doesn't know if a toner cartridge has been changed, so the process starts over. Due to this averaging the levels reported on the SSP may vary some in the first 8-10 pages printed, up to 10%.

The accuracy of the toner level sensing PCA is greatest below 70%. Because of this, the SSP may not report a 100% full level even on a new, full cartridge. A change to the formula for TLS was made to firmware starting with version 1.009.0. Starting with this version of firmware, at power-on if any of the first 8 readings is greater than 70%, the SSP will read 100%. After 8 readings, a running average is still taken. If this running average is greater than 70%, the SSP will read 100%. If the running average drops below 70%, the running average is reported until the cartridge reaches end-of-life. The SSP will never report levels between 99% and 70%.

Page 228 - Add 41.X error as follows

41.X PRINTER ERROR *ALTERNATES WITH* PRESS GO TO CONTINUE	A temporary printing error occurred. *X Description* 2 Beam detect misprint error. 4 No VSYNC error.	Press GO. The page containing the error will automatically be reprinted. If this message persists: 1. Reseat the connections to the Laser/Scanner and the DC Controller. 2. Replace the Laser/Scanner. 3. Replace the DC Controller.

Page 236 - Add 59.0 error as follows

59.0 PRINTER ERROR *ALTERNATES WITH* POWER CYCLE TO CONTINUE	A fuser motor error has occurred.	Power cycle the printer to continue. If this message persists: 1. Reseat the connections to the fuser motor and Paper Feed PCB. 2. Replace the fuser motor (M1). 3. Replace the Paper Feed PCB.

Page 287 - Figure 7-13 does not accurately depict a 4550 Configuration Page. The blocks primary colors should be moved to the left. More importantly, some Printer Usage Information is included to the left of these blocks, above the Calibration Density Settings. The Printer Usage Information is interpreted as follows. For the format of the hex numbers, let each character represent a letter as follows:

a   b   c   d   e   f   g   h
i   j   k   l   m   n   o   p
q   r   s   t

a. Unknown	f. Pre-punched	k. Cardstock	p. UserType1
b. Standard	g. Labels	l. Rough	q. UserType1
c. Pre-printed	h. Bond	m. Vellum	r. UserType1
d. Letterhead	i. Recycled	n. Heavy	s. UserType1
e. Transparency	j. Colored	o. Gloss	t. UserType1

Note: Some paper types listed may not be supported by the printer.

Page 293 - Accessing the service mode.

1. Hold down [Cancel Job] and [Select] while turning the printer on until the display is blank (on 4500) or the display reads ***** (on 4550) and the three LEDs are on.

Page 299 - Disk Initialization:

To initialize the hard disk drive, use the following power-on key sequence:
- Turn on the printer while holding down the CANCEL JOB & SELECT keys until all lights are lit.
- Press the MENU- key
- Press the VALUE- key
- Press the SELECT key
- Wait for *INITIALIZE DISKS* to be displayed. The printer will continue to boot and the disk will be initialized.

Page 307 - Calibration Bypass:

The Color LaserJet 4550 has the ability to bypass calibration. This can be a useful time-saving tool to use while troubleshooting issues that are not dependent on print quality.

The Power-On Key Sequence is:
- Turn on the printer while holding down the CANCEL JOB & SELECT keys until all lights are lit.
- Press the ITEM- key
- Press the VALUE- key
- Press the SELECT key
- Printer will continue to warm up, then LED will alternate between "Ready" and "Skipping Calibrations"

To begin calibration once again, press the SELECT key or power cycle the printer.

Page 333 - Add non-exchange part numbers for the formatter.

Ref	Description	Qty	Parts for 4500 series xxG…and below	Parts for 4500 series xxH…and above	Parts for 4550 series
6	Formatter PCB	1	C4084-69001 exch or C4084-67905	C4084-69001 exch or C4084-67905	C4227-69001 exch or C4227-60001

Page 342 - Update part number for toner flap spring. The toner flap spring on the left side of carousel has been eliminated. The remaining spring now has more tension and can be identified by its light golden color. The Color LaserJet 4550 carousel flaps will have only one spring. When replacing the spring on a Color LaserJet 4500, only the right side spring is necessary.

Ref	Description	Qty	Parts for 4500 series xxG…and below	Parts for 4500 series xxH…and above	Parts for 4550 series
12	Spring, toner flap	1	RS6-2255-000CN	RS6-2255-000CN	RS6-2255-000CN

Page 343 - The wrong part number is listed for the CLJ4550 carousel drive assembly in Figure 8-9. The part numbers listed below are the minimum versions supported in the printer model. Part number RG5-5502-080CN is compatible with all three printer models.

Ref	Description	Qty	Parts for 4500 series xxG…and below	Parts for 4500 series xxH…and above	Parts for 4550 series
6	Carousel drive assy	1	RG5-5209-000CN or RG5-5502-080CN	RG5-5209-000CN or RG5-5502-080CN	RG5-5209-040CN RG5-5502-080CN (req. for 4550HDN)

Page 344 - The printed hard copy of the service manual is correct. However, in the on-line version of the service manual, the numbered callouts are missing from Figure 8-12. Please see the "printable version" of the manual on the Service and Support CD, or the hard copy version for the correct callouts.

Page 349 - The ITB lift cam bushing pictured on page 348, directly below callout # 1, has been set up.

Ref	Description	Qty	Parts for 4500 series xxG…and below	Parts for 4500 series xxH…and above	Parts for 4550 series
N/A	Bushing	1	RS5-1497-000CN	RS5-1497-000CN	RS5-1497-000CN

Page 349 - The paper pickup roller clips pictured on page 348, directly above callout # 5, have been set up.

Ref	Description	Qty	Parts for 4500 series xxG…and below	Parts for 4500 series xxH…and above	Parts for 4550 series
N/A	Paper Pickup roller (d-roller) clips	1	Not orderable - contact Tech Mktg if needed.	RB1-8912-000CN	RB1-8912-000CN

Page 349 - The heavy ITB lift cam tension spring has been set up. In Figure 8-13, it is pictured between callouts # 29 and 30.

Ref	Description	Qty	Parts for 4500 series xxG…and below	Parts for 4500 series xxH…and above	Parts for 4550 series
N/A	ITB Lift Cam Spring	1	RS5-2733-000CN	RS5-2733-000CN	RS5-2733-000CN

Page 349 - The secondary transfer assembly is available as a kit, part number RY7-5091-000CN, for use on 4500/4550 models. The kit includes:

Ref	Description	Part Number
26	Transfer Assembly, Secondary	RG5-5115-040CN
Not Pictured	Resistor Holder	RF5-3124-000CN

Also, many of the individual part numbers for the secondary transfer for *4500 series xxG…and below* are either listed incorrectly or missing from the service manual. The correct part numbers are listed here.

For 4500 series xxG…and below
Ref	Description	Part Number
26	Transfer Assembly, Secondary	RG5-3235-000CN
27	Plate Support	RF5-2138-000CN
Not Pictured	Resistor Holder	Not available