

HP4500



COLOR LASERJET C,M,Y TONER CARTRIDGE TECHNICAL INSTRUCTION

HP4500TECHCMY

Technical Instructions

Printers

HP4500/4550

Photo 1

HP4500N/4550N

HP4500DN/4550DN

Part #: C4192A=Cyan C4193A=Magenta C4194A=Yellow

OEM Info

Yield @ 5%: 6,000 Pages Pages/Min.: 4 Color/16 Black Resolution: 600dpi (HP ImageRET 2400) Cartridge Clip Remover #1 Phillips Head Screwdriver Small Flat Blade Screwdriver Phillips Head Jeweler's Screwdriver Soft Cleaning Wipes Needle Nose Pliers Mag Roller Sleeve Cleaner Vacuum or Compressed Air

Tools

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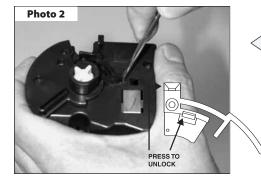


Step 1

Carefully remove the contact pin from the cartridge by disengaging the locking tab. Insert a hook tipped tool in the end cap opening and compress the locking tab, releasing the contact pin for removal.

(See Photo 1)

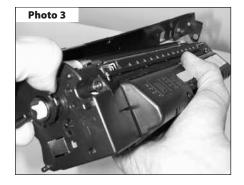




Step 2

With a small flat blade screwdriver release the shutter lock from the opposite end of the cartridge.

(See Photo 2)



Step 3

Elongate the shutter just enough to disengage it from the cartridge drive hub. (See Photo 3)

Other Technical Instruction Guides available for this engine:

E-mail: info@futuregraphicsllc.com Website: www.futuregraphicsllc.com

Remove the two pairs of screws in both



Notes

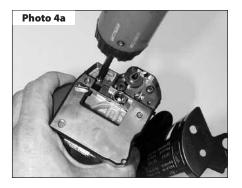


Photo 4b

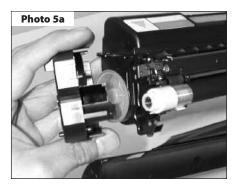
Step 5

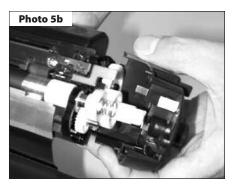
Step 4

end caps.

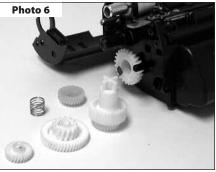
(See Photo 4a and 4b)

Remove both end caps. (See Photo 5a and 5b)





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Step 6

Remove the gears, contact and bushings. (See Photo 6)



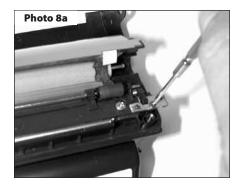
Step 7

Remove the developer roller sleeve as shown. Clean the sleeve with Future Graphics Mag Cleaner, anhydrous ethanol, or other non-filming solvent.

(See Photo 7)



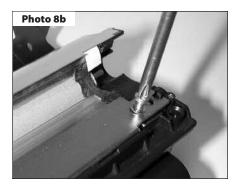
Notes



Step8

Remove the four screws which retain the doctor blade and containment roller (two are very small and require a Phillips head jewelers screwdriver).

(See Photo 8a and 8b)



Step9

Remove the doctor blade assembly. The doctor blade is very fragile and handling should be minimized (air blow and wipe with soft cleaning wipes). Inspect the blade edge for wear and replace with a new part if needed.

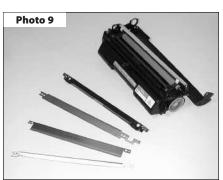
(See Photo 9)

Removed parts before proceeding to step 10

- 1. Contact Pin
- 2. Shutter Lock
- 3. End Caps
- 4. Gears, Contact and Bushings
- 5. Doctor Blade Assembly

Need help with a particular remanufacturing problem?

Call the Technical Resource Center from 8am - 5pm PST: 800 394.9900







Notes



Step 10

Remove the fill plug. (See Photo 10)



Step 11

Clean out the cartridge with dry compressed air. Insure that the foam toner adder roller is as clean as possible.

(See Photo 11)



Step 12

After cleaning the hopper and all parts, reassemble the cartridge, except for the fill plug, end cap and contact pin.

Step 13

Holding the developer roller sleeve in position, fill cartridge with toner.

(See Photo 13)

Step 14

Install the fill plug and end cap (2 screws) after removing stray toner from the filling step and snap the contact pin into cartridge.

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