



HP4500TECHDRUM

Technical Instructions	Printers	OEM Info	Tools	1
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HP4500/4550
HP4500N/4550N
HP4500DN/4550DN

Part Number: C4195A
Yield @ 5%: 25,000 Black
6,250 Color
Pages/Min.: 4 Color/16 Black
Resolution: 600dpi
(HP ImageRET 2400)

#1 Phillips Head Screwdriver
Small Flat Blade Screwdriver
Needlenose Pliers
Anhydrous Isopropyl Alcohol
Padding Powder
Soft Lint-Free Cloth
Cotton Swabs
Vacuum or Compressed Air



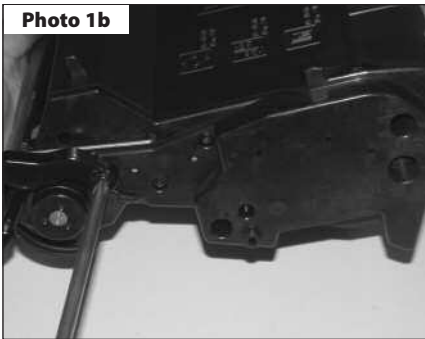
Step 1

Place the cartridge on the table with the label side up and the handle facing away from you.

(See Photo 1a)

With a #1 Phillips screwdriver, remove the shutter arm screw.

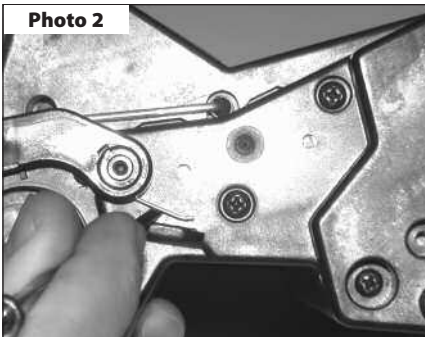
(See Photo 1b)



Step 2

Lift the drum shutter spring tail and remove the drum shutter arm. Note position of the shutter return spring.

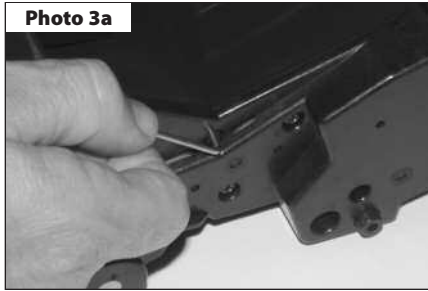
(See Photo 2)



Other Technical Instruction Guides available for this engine:

HP4500/4550 C, M, Y Toner Cartridges Reman. Instructions HP4500TECH-CMY
HP4500/4550 Black Toner Remanufacturing Instructions HP4500TECH-BLACK

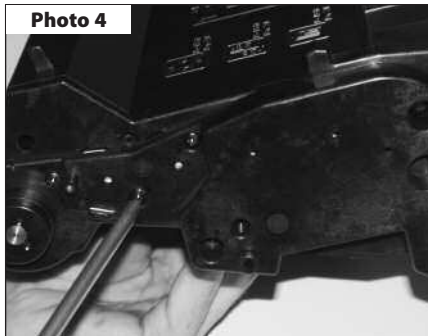
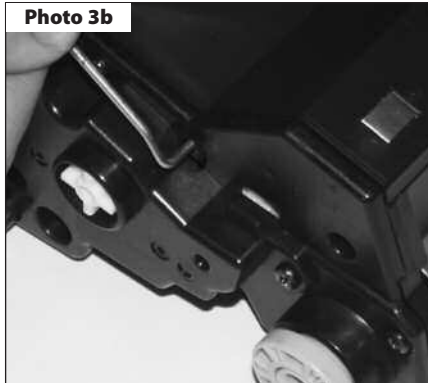
Notes



Step 3

Slide the shutter wire out on each side and set aside for now.

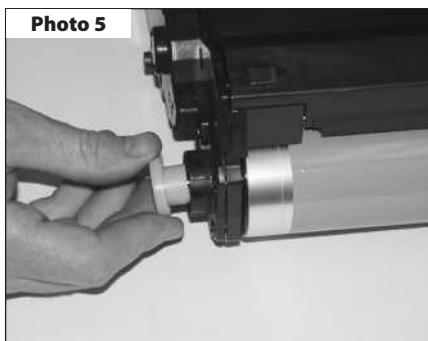
(See Photo 3a and 3b)



Step 4

Remove the seven (7) Phillips head screws from the left side plate.

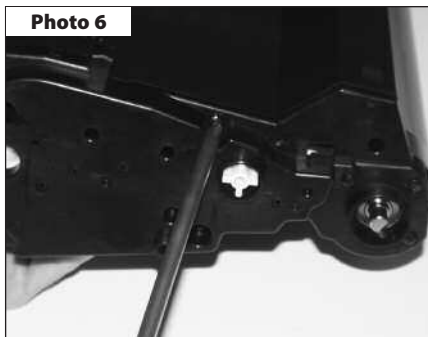
(See Photo 4)



Step 5

Pull off the blue knob on the end of the drum shaft.

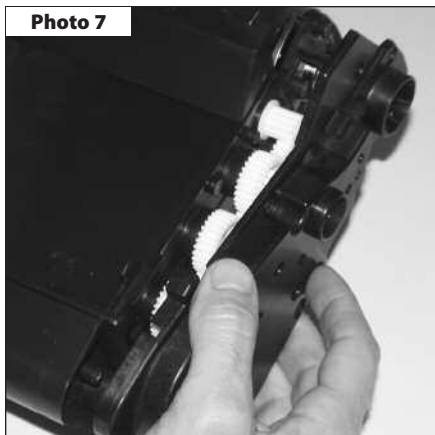
(See Photo 5)



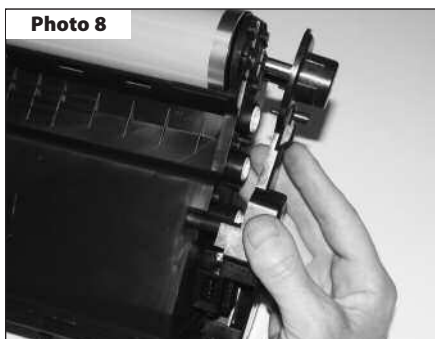
Step 6

Turn the cartridge and remove the six (6) phillips head screws from the right side plate .

(See Photo 6)



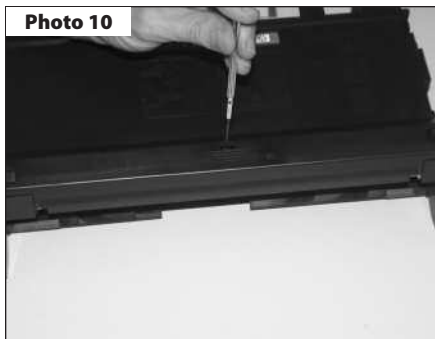
Step 7
Carefully remove the right-side plate.
(See Photo 7)



Step 8
With the assembly inverted, remove the left side plate while balancing the drum in its normal position.
(See Photo 8)



Step 9
Remove the drum.
(See Photo 9)



Step 10
Remove the PCR cover by inserting a flat blade screwdriver in the center slot and release the latch.
(See Photo 10)

Notes

*Need help with a particular remanufacturing problem?
Call the Technical Resource Center from
8am - 5pm PST: 800 394.9900*

Notes



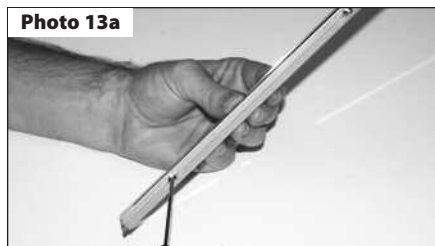
Step 11

Remove the PCR, wipe clean with a soft, dry cloth and set aside.
(See Photo 11)



Step 12

Remove the two Phillips head machine screws holding the wiper blade in position.
(See Photo 12)



Step 13

Note the stabilizer bar attached to the wiper blade with two (2) long shouldered screws.

(See Photo 13a)

The stabilizer bar must be moved to the new wiper blade. Note the correct position before removing it from the used part. Apply the adhesive strip to the stabilizer bar and carefully affix to the new blade. Anchor with two (2) screws.

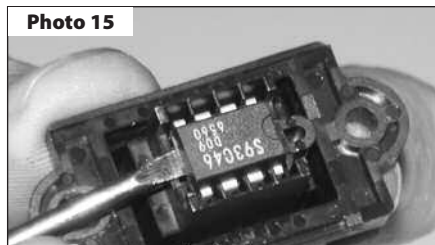
(See Photo 13b)



Step 14

Remove the chip housing located on the left side of the cartridge by removing the two Phillips head screws from the bracket.

(See Photo 14)



Step 15

Replace the chip with a new one by prying up on the old one to extract it. Press a new chip into position. Follow the detailed instruction printed on the replacement chip label.

NOTE: Used chips can be sent into Future Graphics to be reset.

(See Photo 15)

Need trust-worthy, detailed Technical Instructions for another engine?
Visit: www.futuregraphicsllc.com

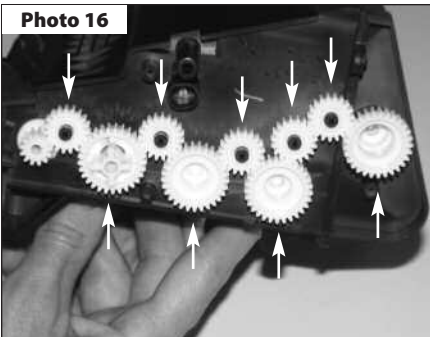


Photo 16

Step 16

Note the position of the auger gears. Remove the nine gears from the side of the cartridge.

(See Photo 16)

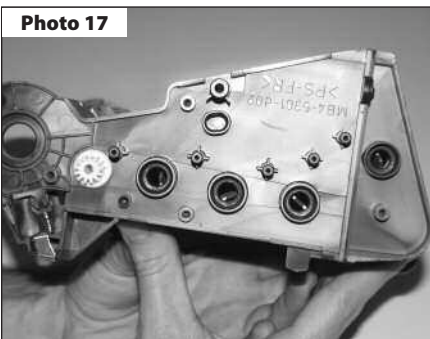


Photo 17

Step 17

Using dry, compressed air, blow out the waste toner through the auger gear holes.

(See Photo 17)

NOTE: It is very important to get all the toner out of the waste unit. Failure to do so may result in a premature "Drum Life Low" or "Drum Life Out" error message.

Step 18

Reinstall the waste hopper gears.

Step 19

Reinstall the chip housing with the two (2) Phillips head screws.

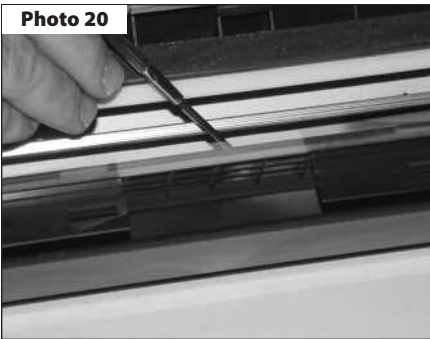


Photo 20

Step 20

Inspect the mylar recovery blade for damage, kinks, or waves. Replace if necessary.

(See Photo 20)

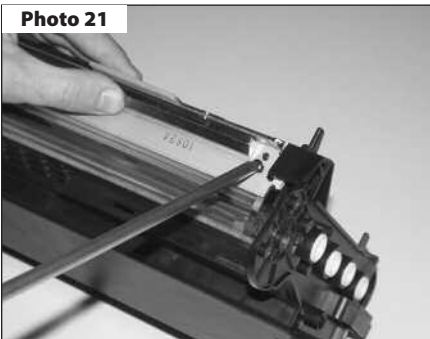


Photo 21

Step 21

Install wiper blade assembly and adjust the position with a blade spacing tool.

(See Photo 21)

Step 22

Reinstall the cleaned replacement PCR.

Notes

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