



HP4000TECH

Technical Instructions	Printers	OEM Info	Tools	1
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HP4000/4000N/4000T/
4000TN/4050/4050N/4050SE/
4050T/4050TN
Canon LBP-1760MS/3175/
3175MS (FX-6)
Canon Laserclass 3170/3175

Part Number: C4127A
Gram Load: 305 gms
Yield @ 5%: 6,000 pgs
Pages/Min.: 17
Resolution: 300/600/1200dpi
Part Number: C4127X
Gram Load: 500 gms
Yield @ 5%: 10,000 pgs
Pages/Min.: 17
Resolution: 300/600/1200dpi

#1 Phillips Screwdriver
Small Flat Blade Screwdriver
Needlenose Pliers
Padding Powder
Soft Lint-Free Cloth
Cotton Swabs
Conductive Grease
Punch or Bent Extraction Tool
Anhydrous Isopropyl Alcohol
Vacuum or Compressed Air

Photo 1

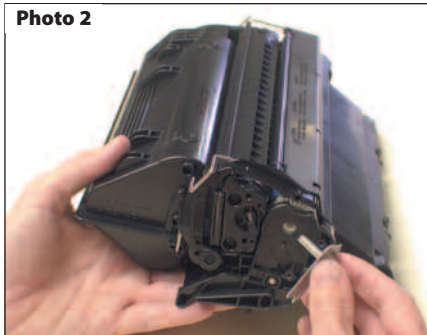


Step 1

Place the cartridge top down, drum side up, on the table with the metal drum axle facing you. With a Phillips #1 screwdriver, remove two screws.

(See Photo 1)

Photo 2



Step 2

Pull the drum axle (metal side plate) away.

(See Photo 2)

Photo 3



Step 3

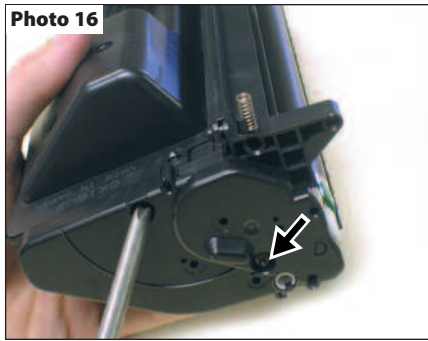
Place the axle aside. Pull the drum shutter back, and tape it or hold it with your thumb and grab the drum by the small gear end. Lift and pull the drum out, being careful not to catch the large drum gear on the corner of the recovery blade, it may bend or tear the blade, causing future toner leaks.

(See Photo 3)

Wrap the drum if it is to be used again, and place it off to the side.

Notes

Photo 16



Step 13

Next, use a Phillips screwdriver to remove the two screws on the left (gear) side of the toner hopper.
(See Photo 16)

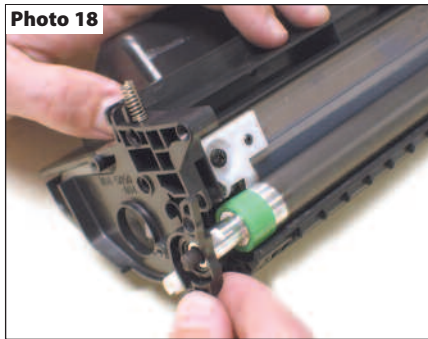
Photo 17



Step 14

Pressing backward on the latch with a small, flat blade screwdriver remove the side plate. All the gears will stay attached to the side cover and can easily be air cleaned.
(See Photo 17)

Photo 18



Step 15

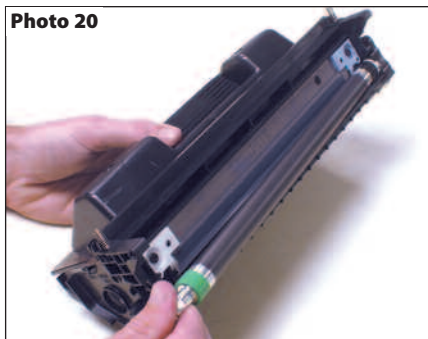
Remove the white plastic drive gear and black plastic stabilizer arm from the mag roller.
(See Photo 18)

Photo 19



NOTE: Be careful not to lose the small C-shaped inner-bearing guide attached to the stabilizer arm
(See Photo 19)

Photo 20



The mag roller can now be removed.
(See Photo 20)

Photo 9



Step 8

Clean or replace the wiper blade and reinstall it at this time. Clean the PCR using a mild soap & water. Re-install the PCR, and then apply padding powder to a new drum and install it. Be careful when installing the drum axle that the inner shoulder fits into the depression around the hole in the side piece completely (See Photo 9), so as not to pinch the waste hopper side piece against the drum gear (See photos #10 "right", and #11 "wrong"). This can cause binding, gear noise and a possible "error code 51". The waste hopper is now finished and can be set aside.

Photo 10

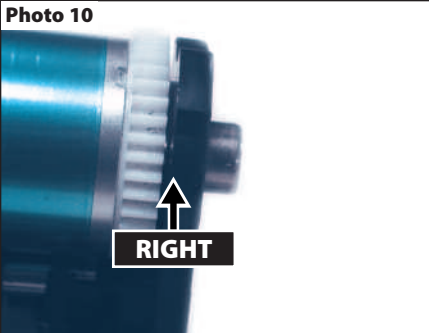
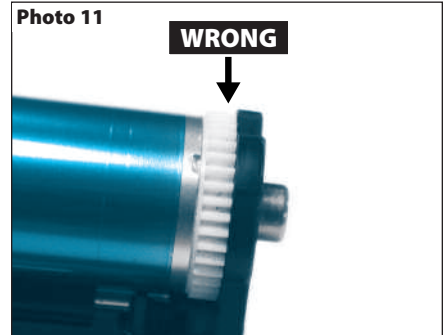


Photo 11



Step 12

Turn the wire back and upward until the keyed flat piece of the wire on the left (gear) side is vertical and aligned with the vertical slot on the plastic side plate, then slide it out .

(See Photo 15)

Do not force it, as it will come out easily when aligned correctly. You have now completely removed the drum cover (it is very easy to re-install in reverse order). Set it aside until the end.

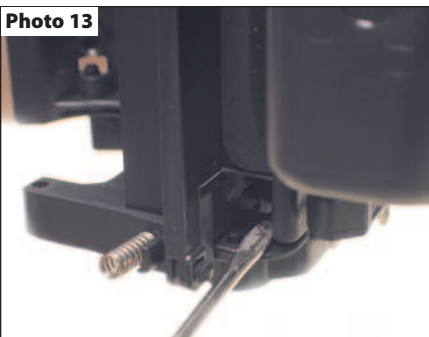
Photo 12



Step 9

Take the toner hopper and place it on the table with the mag roller side facing you. The drum cover is attached on the left side by a wire only, while the right side is attached by both a wire and the curved, spring-loaded plastic "drum cover arm". First, lift the drum cover arm spring and latch it on the cutout of the arm. (See Photo 12)

Photo 13



Step 10

Next, take a flat blade screwdriver and pry the drum arm outward until it comes completely off of the shaft.

(See Photo 13)

Photo 14

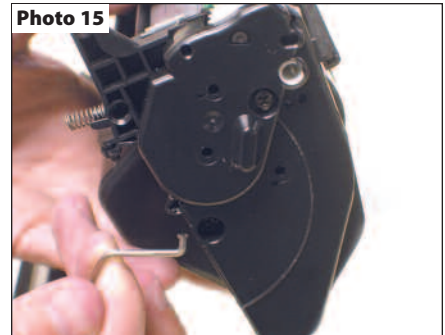


Step 11

At this point, pull out the drum shutter bar until it is completely released from the toner hopper.

(See Photo 14)

Photo 15

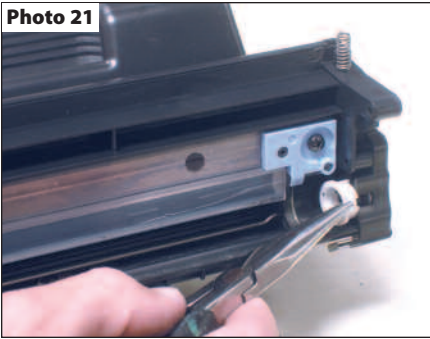


Need help with a particular remanufacturing problem?

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

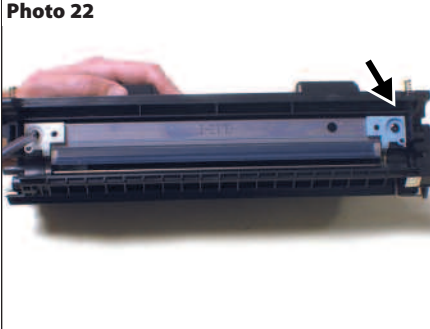
Notes

Photo 21



Step 16
Remove the white plastic mag roller guide, while noting the correct position for re-assembly.
(See Photo 21)
NOTE: It will cause banding if put back on wrong.

Photo 22



Step 17
Remove the two Phillips head screws holding on the doctor blade.
(See Photo 22)
NOTE: These screws are longer than all of the other screws in this cartridge and must be used here only.

Photo 23



Step 18
Pry out gently on each end of the doctor blade with a small flat blade screwdriver to aid in removal.
(See Photo 23)

Photo 24



Step 19
Dump the remaining toner from the toner hopper and vacuum or clean with compressed air. Clean the toner sensor with a cotton swab and alcohol.
(See Photo 24)

Photo 25



Step 20
Also vacuum or with compressed air clean the mag roller "magnetic seals" (indicated with arrows).
(See Photo 25)

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