



ML5000TECH

Technical Instructions

Printers / OEM Info

Tools

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Xerox Work Center 390
 Toner Part Num.: 113R462
 Page Yield @ 5%: 3,000 pgs
 Resolution: 6,000 dpi

Xerox Docuprint P8E/P8EX/WC385
 Toner Part Num.: 13R00296
 Page Yield @ 5%: 5,000 pgs
 Resolution: 1,200 dpi

Lexmark Optra E310/E312/E312L
 Toner Part Num: 13T0301
 Page Yield @ 5%: 3,000 pgs
 Resolution: 1,200 dpi

Toner Part Num: 13T10
 Page Yield @ 5%: 6,000 pgs
 Resolution: 1,200 dpi

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

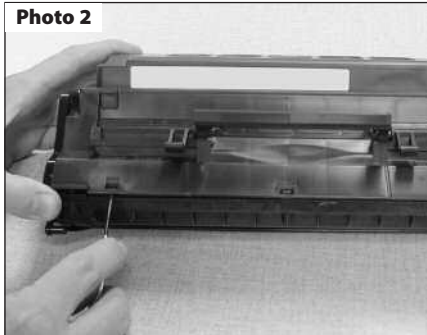
Photo 1



Step 1

Using a Phillips screwdriver remove the two screws from the top of the cartridge. (See Photo 1)

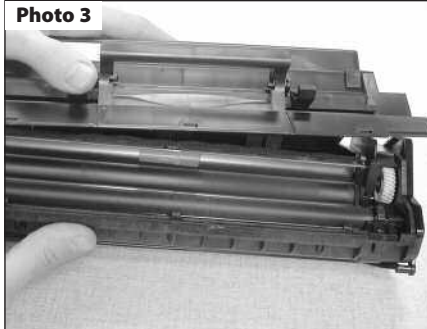
Photo 2



Step 2

With a small flat blade screwdriver release the three clips located on the front of the cartridge under the handle. (See Photo 2)

Photo 3



Step 3

To separate the two sections, lift up on the front of the toner hopper. Be careful when separating the two sections, toner will spill out of the toner hopper. (See Photo 3)

NOTE: Do not break off the clips on the back of the hopper.

Notes

Photo 4

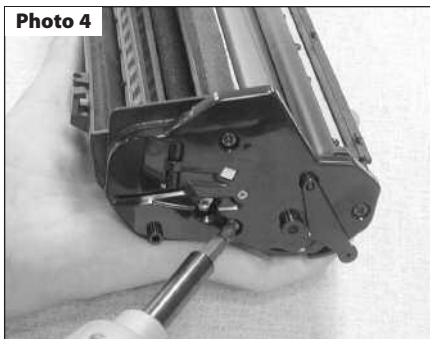


Photo 5



Photo 6

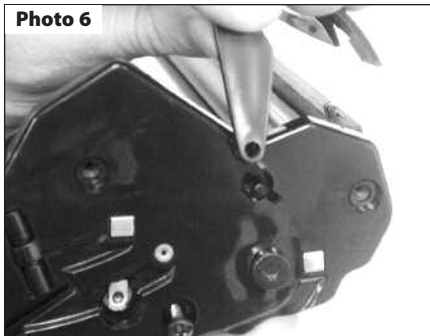


Photo 7

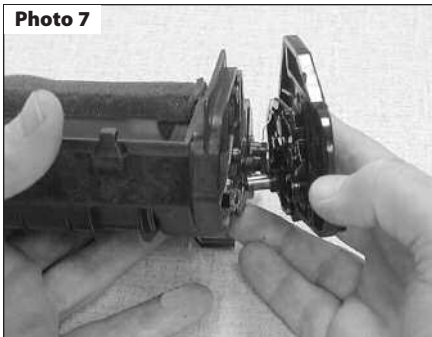


Photo 8

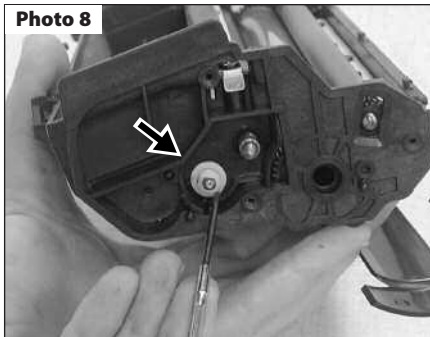
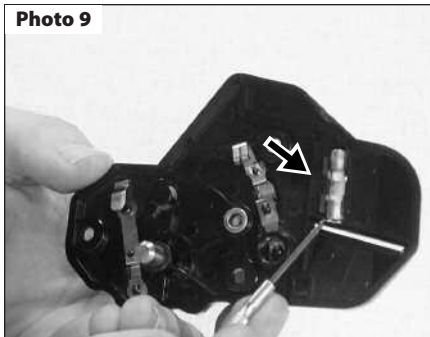


Photo 9



Step 4

Using dry compressed air or a vacuum, clean out both sections of the cartridge.

Step 5

Remove the three screws holding the end caps on each side of the cartridge.

(See Photos 4 and 5)

Step 6

Remove the drum shutter arm from the contact end cap, rotate the drum shutter up towards the handle on the cartridge until the tab on the shutter fits through the notch on the end cap. (See Photo 6)

NOTE: Let the shutter dangle; Do not remove the shutter from the other end cap.

Step 7

Pull the contact end cap from the side of the cartridge.

(See Photo 7)

NOTE: Do not lose the white bearing that fits on the foam feed roller axle

(See Photo 8)

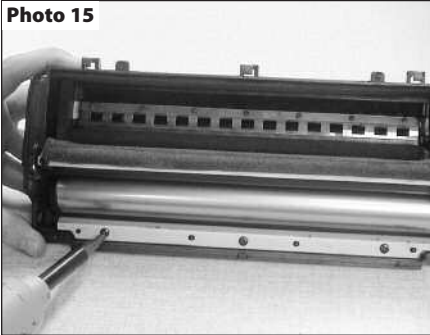
Step 8

Located ONLY on the contact end cap of the fax cartridge is a blown 100m fuse. This fuse must be replaced each time this cartridge is recycled. Replace the fuse.

(See Photo 9)

Step 14

Remove the three screws that hold the wiper blade.
 (See Photo 15)

Photo 15

Step 15

Lift out the wiper blade straight up to remove.

Step 16

Grab the drum by the gears and lift the drum out of the hopper. Clean the drum using a lint free cloth.
 (See Photo 16)

Photo 16

Step 17

Remove the black gear from the developer roller axle.
 (See Photo 17)

Photo 18

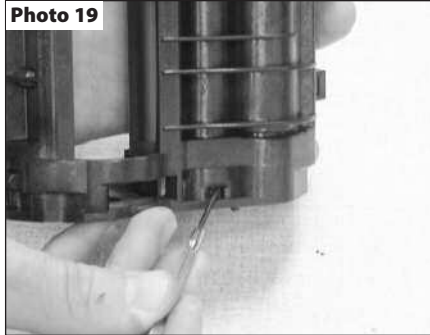
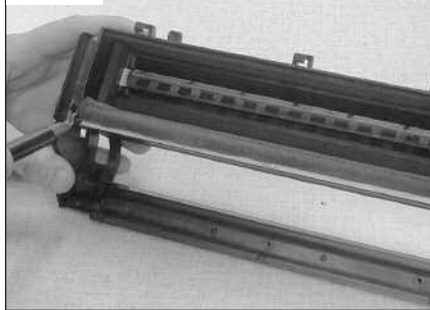
Photo 19

Photo 20

Photo 21

Photo 17

Step 18

Release the two clips that hold the developer roller end cap.
 (See Photo 18 and 19)
 Remove the end cap.

Step 19

Slide the developer roller out through the side of the hopper.
 (See Photo 20)
 Clean the developer roller using a dry lint-free cloth.

Step 20

Remove the two screws that hold the doctor blade.
 (See Photo 21)

Step 21

Lift the doctor blade up. It may be necessary to remove the small foam strips that are connected to the back of the doctor blade. Clean the doctor blade using alcohol and a cotton swab.

Step 22

Apply a seal to the toner hopper.

Step 23

Reassemble in reverse order.

**FUTURE
GRAPHICS**

Samsung ML5000

ENGINE FACT SHEET

PRINTER MODEL COMPATIBILITY

PRINTER MODEL	OEM NUMBER
Lexmark Optra E310	13T0101
Lexmark Optra E312	13T0101
Lexmark Optra E312L	13T0101
Olivetti PGL 8L	
Samsung ML-5000A	ML+5000D5
Samsung ML-5000G	ML+5000D5
Samsung ML-5050G	ML+5000D5
Samsung ML-5100A	ML+5000D5
Xerox Docuprint P8e	113R296
Xerox Docuprint P8ex	113R296
Xerox WorkCentre 385	113R296
Xerox WorkCentre 390	113R462

FUTURE GRAPHICS PRODUCT LISTING

Product	Description	Item Number	Pack Qty.
Cartridge Box Label	Two-Color Self-Adhesive	ML5000LABEL	100
Cartridge Tech Guide	Remanufacturing Instructions	ML5000TECH	1
Developer Roller		ML5000DVRROL	10
Doctor Blade	Doctor Bar With Sponge	ML5000DRBLADEG	10
Drum	AEG	ML5000AEG	5/60
Drum		ML5000DRUMG	15/50
Fuse	Drum Unit Reset Fuse, Fax	ML5000FUSED	10
PCR	For Printer (Not for Fax), New, Onyx	ML5000PCR	10
Seal	Adhesive Goldseal	ML5000GOLDSEAL	50
Seal	Adhesive Onyx, Reinforced	ML5000SEALONYXR	50
Toner	Bulk Bag, 22 lb Per-Fil - Box of 1, Sold per Box	ML500010KG	1
Toner	160gm Bottle	ML5000TNR160	10
Wiper Blade		ML5000WBLADEG	10/200

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