LEXMARK™ C510
CARTRIDGE REMANUFACTURING INSTRUCTIONS

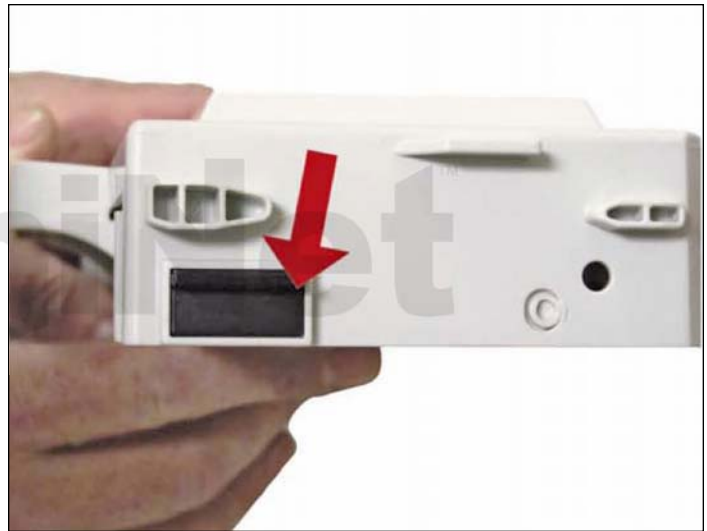## LEXMARK C510 TONER CARTRIDGE

REMANUFACTURING THE LEXMARK C510 TONER CARTRIDGE

By Mike Josiah and the Technical Staff at UniNet

The Lexmark C510 printers are based on a 30-ppm black, 8-ppm color 600 dpi engine. These cartridges do not use a chip. For this printer you have to manually reset the toner level. First from the "ready" status, push the right arrow button, this will take you to "supply menu" option push the select button. Then push the right arrow button twice to land on the "replace supplies" option, push the select button. That will take you to the "magenta toner" option, push the select button. The display will show "not replaced" push the right arrow button one to land on "replaced" push the select button to choose the option and the machine will save that option which will reset the counter to 100%. Repeat these steps for the rest of the colors just choose "yellow toner", "cyan toner", or "black toner" instead of magenta.

There are four separate color toner cartridges, one separate waste cartridge and a separate OPC belt unit used in these machines. The part numbers and current list pricing are listed below:

Cartridge	Part Number	List Price (USD)	Stated Yield
C510 K Toner	20K1403	$192.15	10,000
C510 C Toner	20K1400	$256.20	6,600
C510 M Toner	20K1401	$256.20	6,600
C510 Y Toner	20K1402	$256.20	6,600
Waste Pack	20K0505	$ 6.30	12,000
OPC Belt	20K0504	$240.45	60,000
C510 K Toner	20K0503	$113.40	5,000
C510 C Toner	20K0500	$129.15	3,000
C510 M Toner	20K0501	$129.15	3,000
C510 Y Toner	20K0502	$129.15	3,000

All four of the toner cartridges are different in that they each have unique tabs (see above photos) on the side that prevent one color from being inserted into another color's slot.

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REQUIRED TOOLS
1. Toner approved vacuum
2. Phillips head screwdriver
3. Small jewelers Phillips screwdriver
4. Soft lint-free wipes

REQUIRED SUPPLIES
1. Toner for Lexmark C510 (310g black, 210g color)
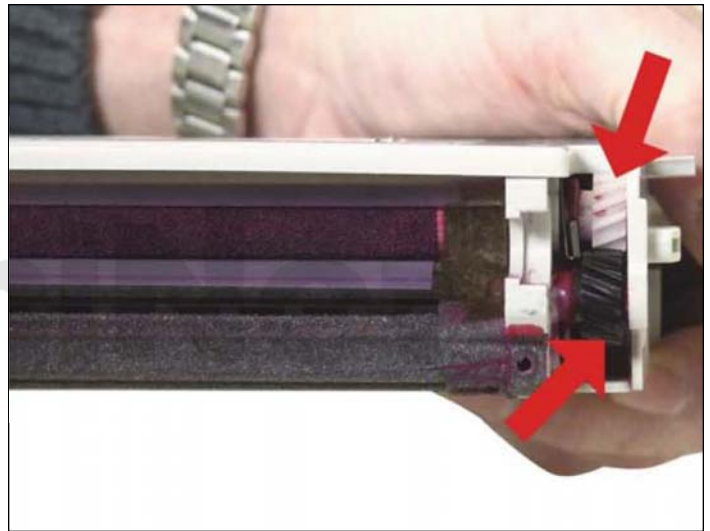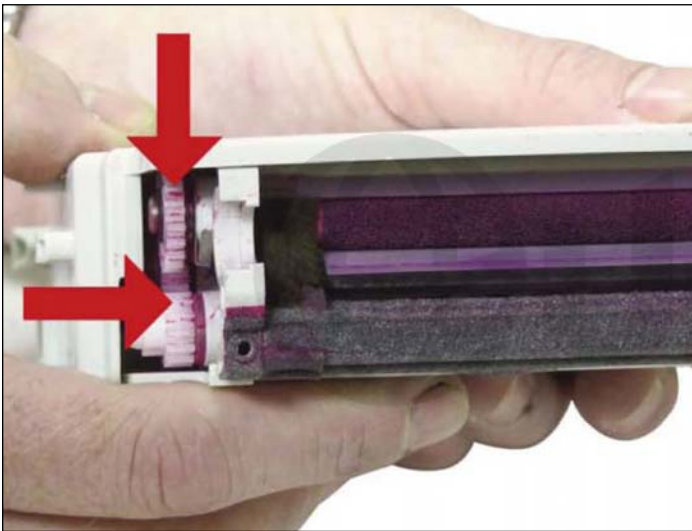2. Developer roller cover

1. Remove the two silver screws from the outer edge of the doctor blade.

2. Lift up on the doctor blade side and remove the developer roller assembly.

3. Dump out all remaining toner from the chamber. The fill plug in these cartridges is not removable. Blow out any remaining toner from the hopper paying special attention to the feed roller. It can become clogged (impacted) with toner and over time this will interfere with the amount of toner fed to the developer roller

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4. Make sure the gears on both sides of the cartridge are clean and turn freely.

5. It is best not to take the doctor blade assembly apart, but if you do, use a gapping gauge to measure the gap by each of the five screws before removing any of them. Set the gap back to the proper distance when re-assembling the blade assembly.

6. Fill the hopper with the appropriate color toner. While the cartridges all look the same, they are not interchangeable. Each color has a different set of plastic tabs.

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7. Install the developer roller assembly small gear to the fill plug side of the cartridge.

Install the outer screws. **NOTE**: Make sure the black tab is facing forward (as shown).

8. Install the developer roller cover.

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