

Tech Zone



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## REMANUFACTURING THE LEXMARK CS517 TONER CARTRIDGES



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## Remanufacturing the Lexmark CS517 Toner cartridges

This cartridge is the latest in our “Easy to do” series. Toner cartridges that are very simple to remanufacture, do not need to be tested and have a high profit potential.

### Lexmark CS517

The Lexmark CS517 is based on a 32ppm 2400 x 1200 DPI color engine. This series of printers has a first page out in under 9 seconds for black and comes with either 256MB, 512MB, or 1GB memory depending on the model. There are both color laser printers and color MFP machines in this series.

The toner cartridge is a small square box style cartridge that houses the toner and reset chip. There are three different yield cartridges available for this series, the low yield, high yield and for the black only extra high yield. Lexmark still offers the Return program cartridges and “regular cartridges”. It’s interesting to note that for the Regular cartridges, only the XHY black and HY colors are available and those only for the 417 and 517 machines. There are no Regular cartridges listed for the 317 series. The Return Program has all the different yields available. But the HY cartridges do not work in the 317 and the Extra High Yield black is only for the 517 series.

These cartridges should take more than 5-10 minutes total to do.

There are also drum units, developer units and a waste bottle used in these machines.

New machines come with starter toner cartridges that have a yield of 3000 pages black and 1400 pages colors.

The part numbers and list pricing for these toners are as follows:

### Return Program Low Yield (317,417,517)

Black	71B10K0	3000 pages	\$91.99*
Cyan	71B10C0	2300 pages	\$99.99*
Magenta	71B10M0	3000 pages	\$99.99*
Yellow	71B10Y0	3000 pages	\$99.99*

### Return Program High Yield (417,517 only)

Black	71B1HK0	6000 pages	\$135.99*
Cyan	71B1HC0	3500 pages	\$135.99*
Magenta	71B1HM0	3500 pages	\$135.99*
Yellow	71B1HY0	3500 pages	\$135.99*

### Return Program Extra High Yield (Black only, 517 only)

Black	71B1XK0	8000 pages	\$142.99*
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### Non-Return (Regular) High Yield (417,517 Only)

Black	71B0H10	8000 pages	\$205.99*
Cyan	71B0H20	3500 pages	\$198.99*
Magenta	71B0H30	3500 pages	\$198.99*
Yellow	71B0H40	3500 pages	\$198.99*

\$205.99\* (517 series only. No Regular Cartridge for the 417)

For the “regular” toners only the High yield, XHY Black is available.

\* Pricing as of August 1st 2019

### Current machines released so far are:

CS317de
CS417de
CS517de
CX317de
CX417de
CX517de

### Required Tools

- Toner approved vacuum.
- Small jewelers type screwdriver set
- Heat gun

### Required Supplies

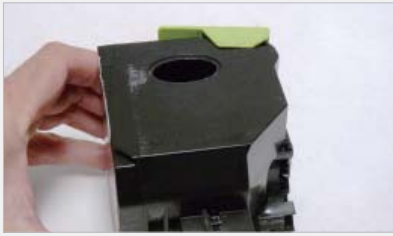
- Toner for use in the CS517 toner cartridge: Choose the correct color and gram weight for your cartridge
- Replacement reset chip: Choose correct color and yield
- 100% Silicon caulk (For possible fill plug leaks)

### Remanufacturing the cartridge:

- 1** Vacuum the exterior of the cartridge.



- 2** With the heat gun, remove the top label.

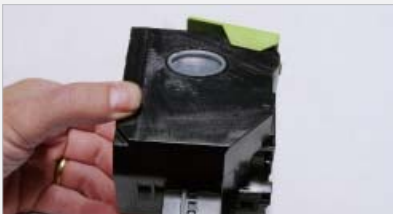


**step > 3** Remove the fill plug from the toner cartridge. Dump the remaining toner.

**step > 4** Carefully vacuum/blow the cartridge clean.

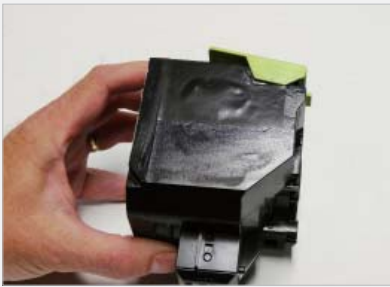


**step > 5** Fill the cartridge with the appropriate color and amount of toner for use in the Lexmark CS517. Make sure you're using the correct amount of toner to match your replacement chip.



**step > 6** Replace the fill plug and check for leaks. The plugs are flexible so should not be damaged in removal. However if there is a leak, seal the perimeter of the plug with 100% silicon. The plug is very easy to knock inside when removing and re-installing so be careful. (Don't ask how I know that!)

**step > 7** Wipe the cartridge down to remove any remaining toner dust.



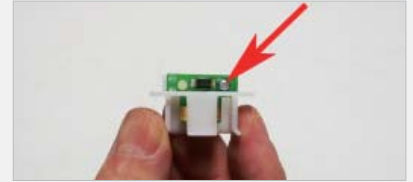
**step > 8** Place the original label back over the fill plug or if damaged in removing, place a new label over it.



**step > 9** Remove the small screw on the side of the chip section.



**step > 10** Press in on the two tabs and release the chip holder.



**step > 11** Remove the chip screw and chip.



**step > 12** Install a new chip and replace the screw.



**step > 13** Install the chip holder and screw.



**step > 14** While it's not necessary to remove, we are showing the encoder wheel assembly with the cover off purely for information only.

That's it! You're done!

## LOOKING FOR STEP-BY-STEP GUIDES FOR CARTRIDGES?



Mike Josiah's popular toner cartridge procedures are available in hardcopy format in some regions, and online to all regions as a library of cartridge models—sponsored by UniNet Imaging: [www.uninetimaging.com](http://www.uninetimaging.com)



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