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REMANUFACTURING THE HP LASERJET PRO M118 (CF294A/X) TONER CARTRIDGE



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Mike Josiah

Remanufacturing the HP LaserJet PRO M118 (CF294A/X) Toner Cartridge

The HP LaserJet PRO M118 series of printers are based on a monochrome 30ppm, 1200 Dpi engine. The first page out is stated to be under 6.6 seconds, and all “W” models so far come with Wi-Fi, Apple AirPrint, HP ePrint, Google Cloud Print, HP Smart App and Wi-Fi Direct Print built in.

All machines released do far come standard with 256Mb memory and have a duty cycle of 20,000 pages per month.

This engine uses the fairly new 2 cartridge system for HP Monochrome printers in that there are separate Toner and Drum cartridges. Typically HP/Canon have used “all in one” type cartridges for monochrome printers. Both the toner and drum cartridges are small and not rated for many pages so even though this is sold as a low volume machine, I believe there will be a decent demand for the cartridges. The cartridges are simple and fast to remanufacture.

There are two cartridges in this engine the toner (CF294A/X) and the drum cartridge (CF232A). The “A” toner is rated for 1200 pages, “X” is rated for 2800 pages and the drum unit is rated for 23,000 pages. The starter toner cartridge that comes with the printer is rated for 1000 pages.

Printers based on this engine:

HP LaserJet PRO M118dw
HP LaserJet PRO M119n
HP LaserJet PRO MFP M148dw
HP LaserJet PRO MFP M148fdw

Current list pricing for the cartridges:

CF294A	\$46.99*
CF294X	\$84.99*
CF232A	\$88.99*

* As of 3/1/19

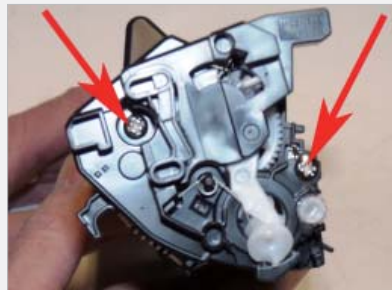
Required Tools

- Toner approved vacuum
- A small Common screw driver
- A Phillips head screwdriver

Required Supplies

- Replacement toner for use in the HP LaserJet Pro M118
- Replacement chip
- Replacement developer roller (optional)
- Replacement DB (optional)
- Conductive Grease

NOTE: The mag roller Assembly may come off with the end cap.



1 Place the cartridge with the handle facing up. Remove the two screws on the right side end cap. Both of these screws have a left hand thread.



3 Remove the two doctor blade screws. Note that the right side screw has a left hand thread! Keep this screw aside in a safe place so that upon re-assembly you know where it is.



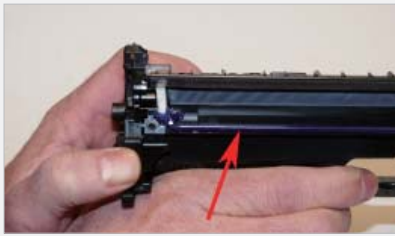
4 Remove the doctor blade.



2 Press in on the bottom tab and carefully pry off the end cap. Work the end cap from multiple sides, there is a plastic post that must snap before the end cap will come off.



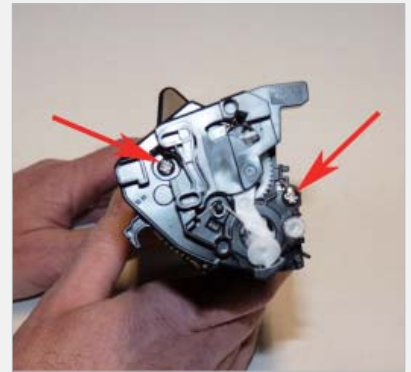
5 Clean out any remaining toner from the supply chamber. Be careful to clean developer roller seals.



step > 6 If any toner got onto the blue doctor blade seal, clean it with isopropyl alcohol and a foam swab. We do not recommend using a cotton type swab as they can leave threads of cotton behind which can cause a leak.



step > 10 Insert the magnet into the slotted bushing on the left side of the cartridge. Be careful to align it properly, forcing the magnet in will break the bushing.



step > 13 Install the two screws in the end cap. Make sure the bottom screw fits into the post. It's easy to have the end cap slightly misaligned and miss the post.



step > 7 Fill the cartridge with toner approved for use in the HP LaserJet Pro M118 series of printers.

step > 11 Clean the Mag. Roller sleeve with a dedicated mag roller cleaner.



step > 12 Slide the sleeve over the magnet and press the end cap in place. Make sure the bottom tab snaps in place.



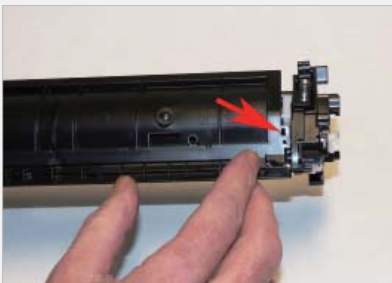
step > 14 Check to make sure the spring loaded arm moves freely.



step > 8 Install the doctor blade and two screws. Remember that the right side screw has a left hand thread.



step > 9 Remove the magnet from inside the mag. roller sleeve.



step > 15 Replace the chip by pressing down on the locking tabs and sliding the chip out.

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

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