

SAMSUNG® XPRESS M3015DW MLT-D118S TONER CARTRIDGE REMANUFACTURING INSTRUCTIONS



SAMSUNG MLT-D118S TONER CARTRIDGE

REMANUFACTURING THE SAMSUNG XPRESS M3015DW MLT-D118S TONER CARTRIDGE

By Mike Josiah and the Technical Staff at UniNet



The Samsung Xpress M3015 series of printers are based on a 30ppm, 600 DPI engine. The first page out is stated to be under 8.5 seconds, and all “W” models so far come with Wi-Fi, Samsung Mobile print, Google Cloud Print and NFC features built in.

All machines released do far come standard with 128 MB memory and have a duty cycle of 12,000 pages per month.

There are two cartridges in this engine: the toner (MLT-D118S/L) and the drum cartridge (MLT-R116). The standard yield toner (S) is rated for 1,200 pages, the high yield (L) is rated for 4,000 pages. The drum unit is rated for 9,000 pages.

The toner cartridges come with an orange plastic protector on them (see picture above). It's highly recommended that you save and re-use the OEM cover until aftermarket covers become available.

PRINTERS BASED ON THIS ENGINE

Samsung Xpress M3015DW

Samsung Xpress MFP M3065FW

MLT-D118L USD\$82.95*

MLT-D118S USD\$59.99*

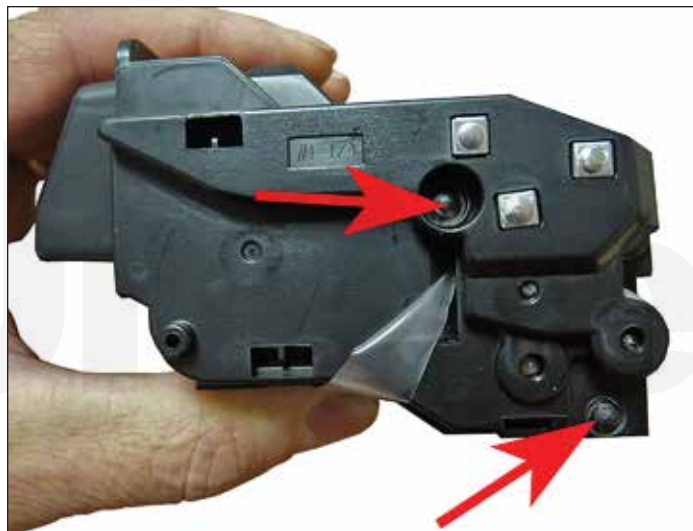
***Pricing, in U.S. America dollars, as of November 1, 2016**

REQUIRED TOOLS

1. Toner approved vacuum
2. A small common screwdriver
3. A Phillips head screwdriver
4. Needle nose pliers
5. Chisel blade knife
6. Electric drill
7. #29 drill bit (see supplies needed below)

REQUIRED SUPPLIES

1. Replacement toner for use in the Samsung M3015
 2. Replacement chip
 3. Replacement developer roller (optional)
 4. Conductive grease
 5. Drum lubricating powder
 6. If using the #29 drill it, we recommend #8 x 1/4" self-tapping screws.
- If not, make sure you match the drill size to your screws, and the screws cannot be longer than 1/4" (6.35mm).



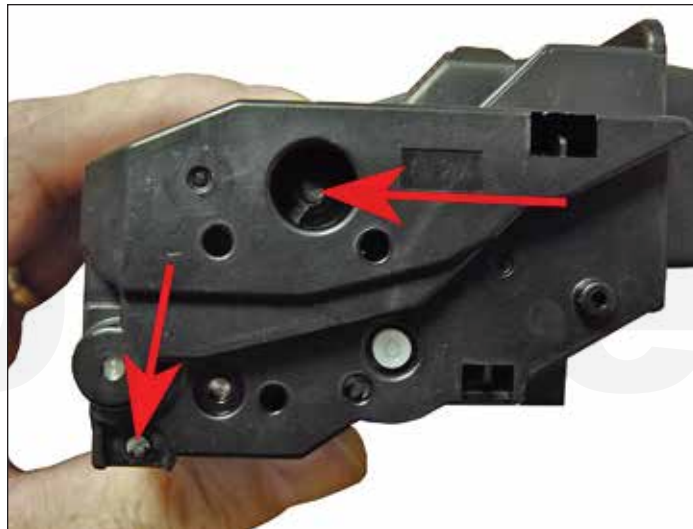
1. Place the cartridge with the handle facing you.

Slice off the two plastic rivets with a square X-Acto type blade on the contact end cap.



2. Press in on the two bottom tabs and gently pry off the end cap.

Be careful not to break it when removing!



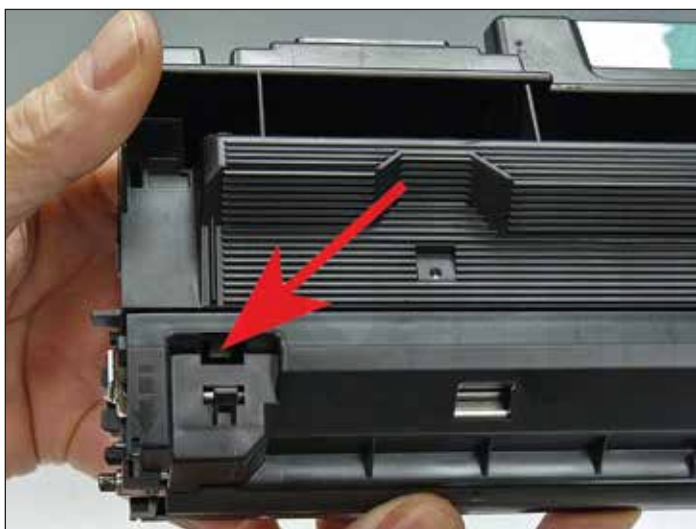
3. On the opposite side of the cartridge, slice off the two plastic rivets with a square X-Acto type blade.



4. Press in on the tab and gently pry off the end cap.



5. Remove the four gears as shown.



6. Press in on the top cover tab and remove the cover.



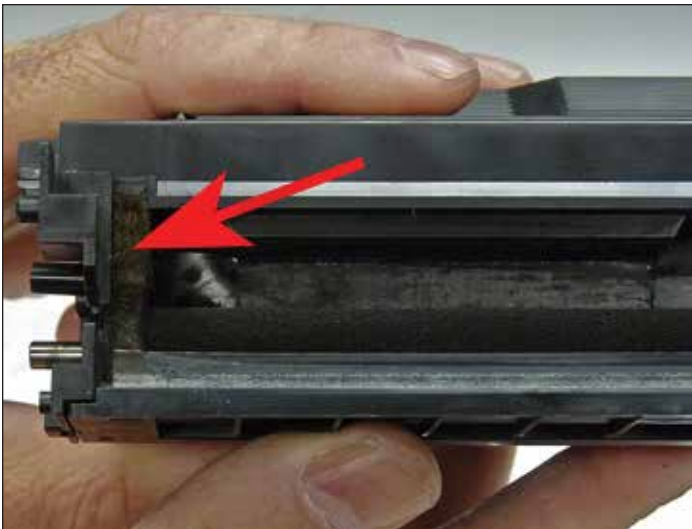
7. Remove the two screws on the doctor blade and remove the blade.



8. Remove the two white plastic washers on both sides of the developer roller.



9. Remove the developer roller.



10. Clean out any remaining toner from the supply chamber.

Be careful to clean the developer roller seals.



11. Clean the remaining toner from the feed roller.



12. Fill the cartridge with toner approved for use in the Samsung M3015DW series of printers. There is a fill plug but it's very difficult to remove without damage so we recommend you fill the cartridge through the developer roller slot.



13. When a seal becomes available, insert it now according to the seal instructions.

NOTE: You can remove the feed roller by prying out the two black plastic bushings on each side of the roller. The top part of each bushing is glued to the bottom of the developer roller seals so care must be taken not to damage the developer roller seals and to re-glue the bushing back in when re-installing them (rubber cement).



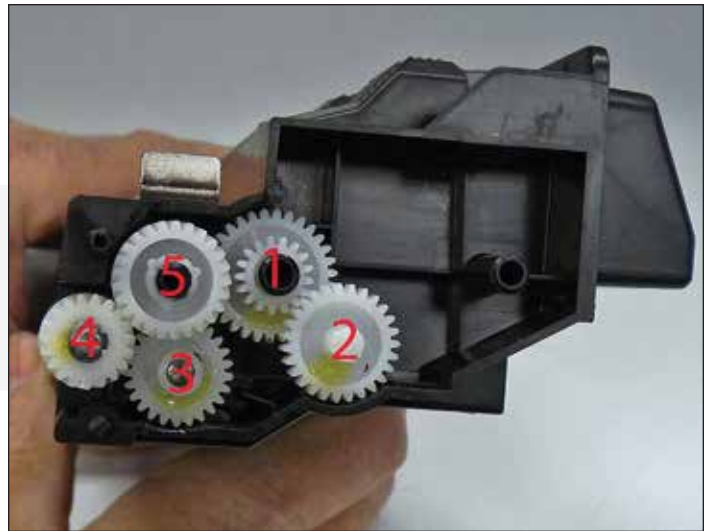
14. Install the doctor blade and two screws.



15. Install the cleaned develop roller.



16. Install the two white developer roller washers.



17. Install the five gears in the order shown.



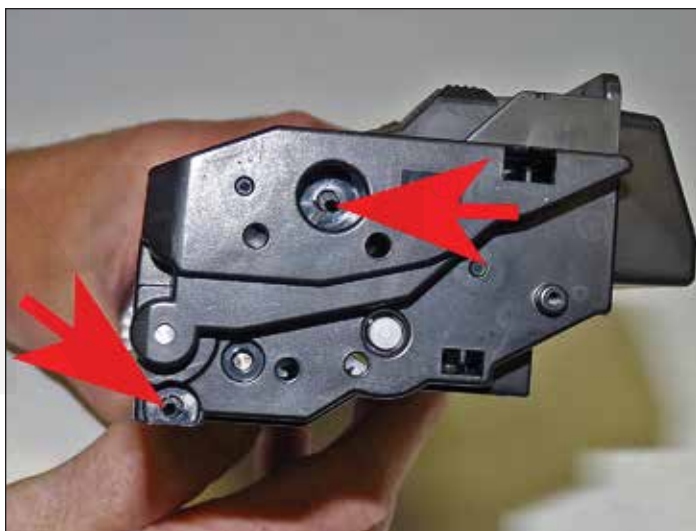
18. Install the gear side cover.



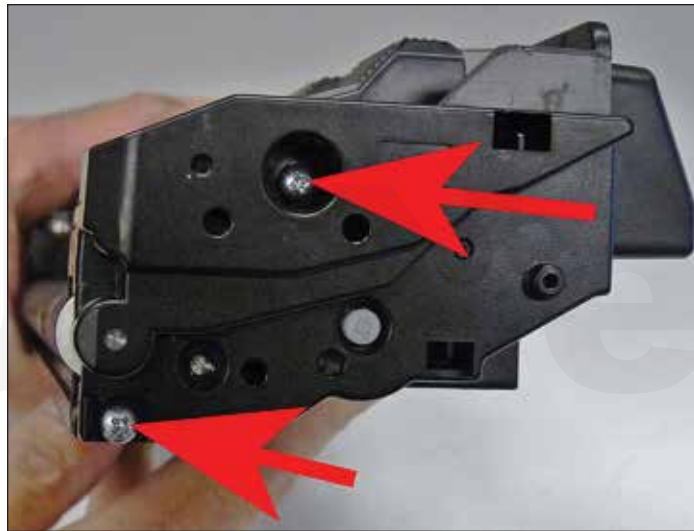
19. Install the top developer roller cover.



20. Install the contact side cover.



21. Using a #29 drill bit, drill out the centers of all four plastic rivets,(two on each side).



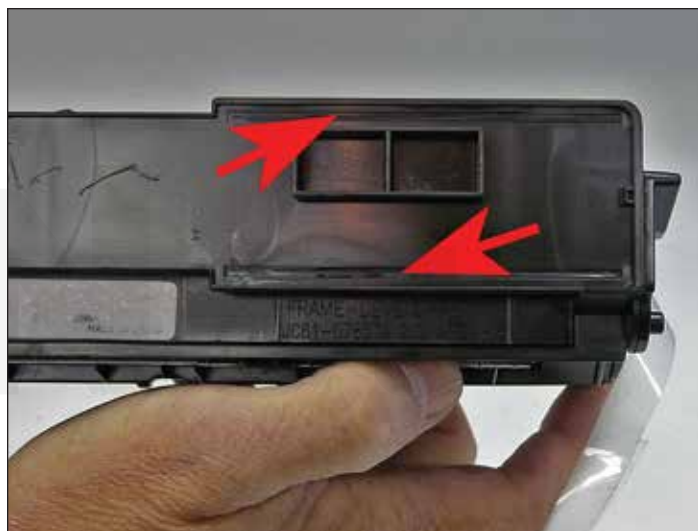
22. Install four #8 x 1/4" self-tapping screws into the four holes.



23. To replace the chip, the handle plate must be removed.



24. Press in on the four left tabs (two on top two on bottom) and start to pry up the cover.



25. Continue to gently pry up the cover working your way towards the chip.

The chip side of the cover is welded in place so it will come free suddenly.

If you pry it up gently, it will come off with no damage.



26. Remove the chip holder by pressing in on the two tabs.



27. On the chip holder, press in on the center tab.

Remove the old chip and replace with a new one.



28. Install the chip holder back into the handle cover.



29. Place a small amount of glue (hot glue) on the right top and bottom areas on the cartridge and install the handle cover.



30. Make sure all the left side tabs lock, and that the right side is firmly held in place.



31. Install the orange developer roller cover.