

SAMSUNG® CLP-500

TONER CARTRIDGE REMANUFACTURING INSTRUCTIONS



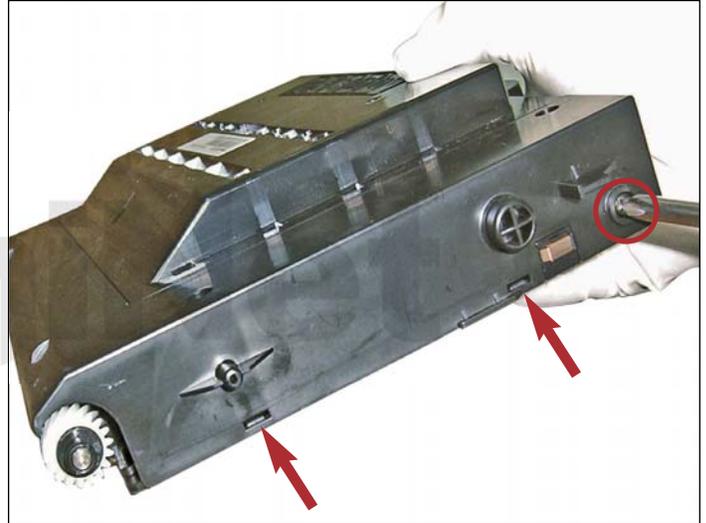
SAMSUNG CLP-500 TONER CARTRIDGE

REMANUFACTURING THE SAMSUNG CLP-500 TONER CARTRIDGE

By Javier Gonzalez and the Technical Staff at UniNet



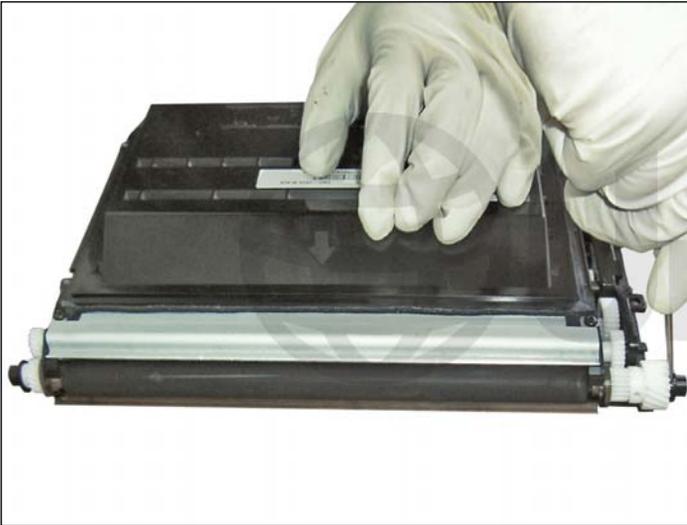
1. Remove the four screws from the top outer shell cover of the cartridge.



2. Remove the fifth screw (circled) from the gear side of the cartridge. Using a small flathead screwdriver, press in on the two tabs (indicated by the red arrows) to release the outer shell.



3. Remove the outer shell cover. You will notice a small adhesive holding it in place. Removing the cover should not affect it.



REMOVING THE DEVELOPER ROLLER

4. Remove the locking metal clips located on both ends of the developer roller axle.

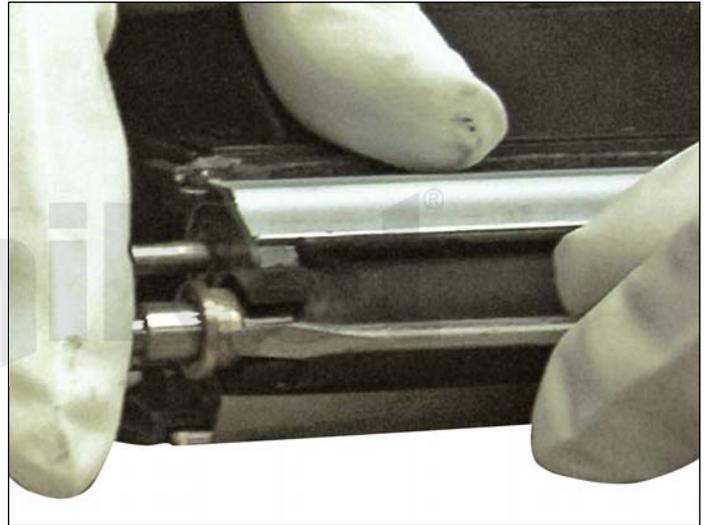
These clips hold the axle gears in place.

Carefully lift the clips out away from the axle, using a small flathead screwdriver.

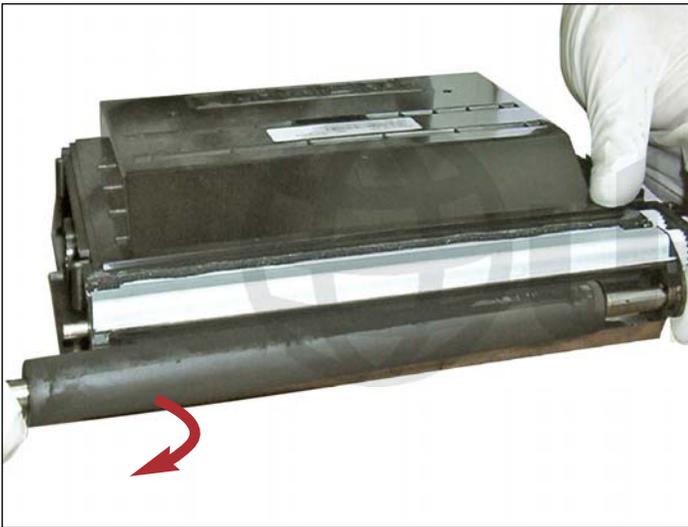


5. Remove the loose gears from each side.

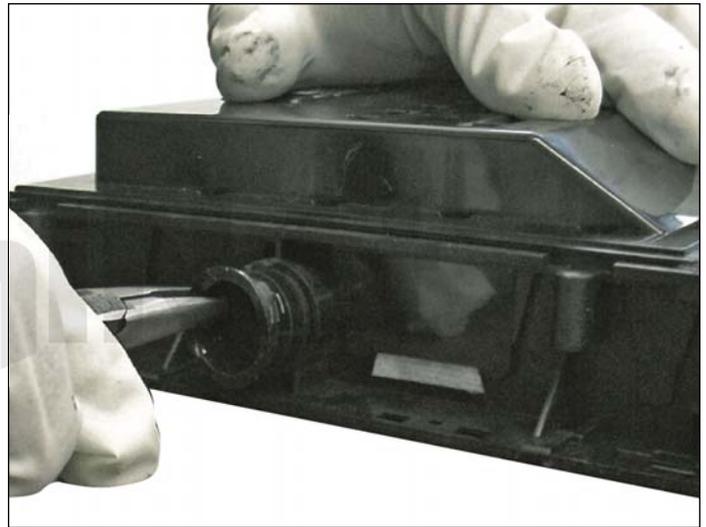
The gears should slide out easily.



6. Remove the bushing that holds the developer roller axle in place on the gearless side. The bushing on the opposite side should remain in place.



7. Lift the developer roller forward, then slide across in the pattern shown.

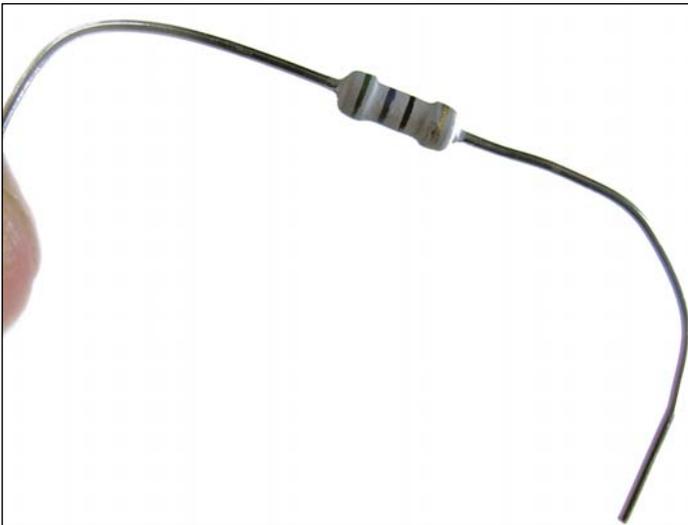


8. Remove the toner fill plug to begin the cleaning process. Use a vacuum on easy areas making sure there is nothing that will vent. Use air pressure for hard-to-reach and sensitive areas.



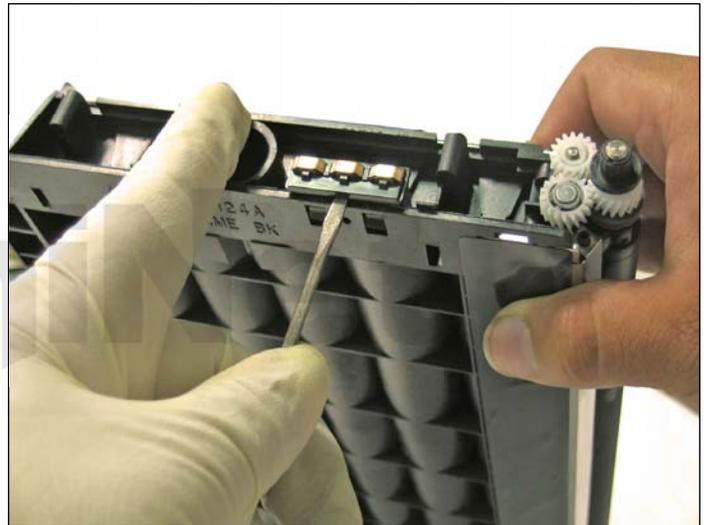
9. After thoroughly cleaning the cartridge and reinstalling the cleaned components, you are ready to fill with appropriate aftermarket toner.

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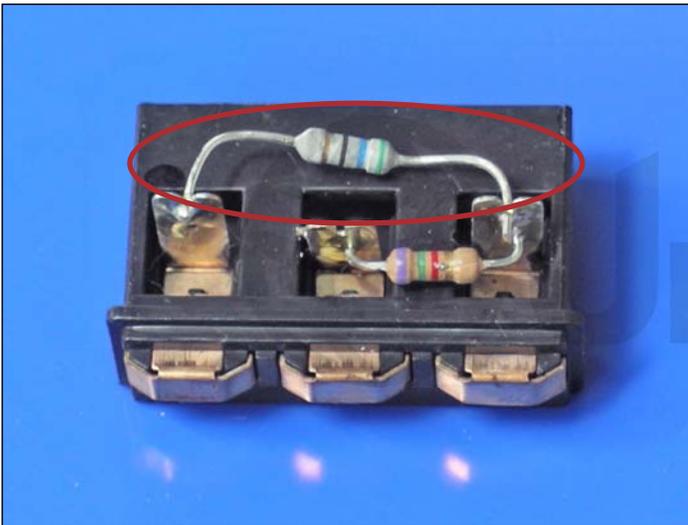


REPLACING THE CARTRIDGE RESET FUSE

Electrical soldering is required for this procedure.



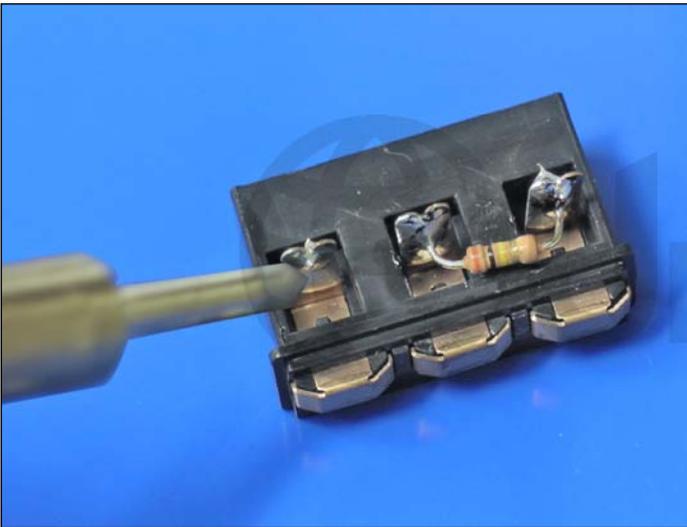
10. Locate the contacts assembly on the gearless side of the cartridge. Using a small flathead screwdriver, carefully pry loose the cartridge contacts assembly as shown.



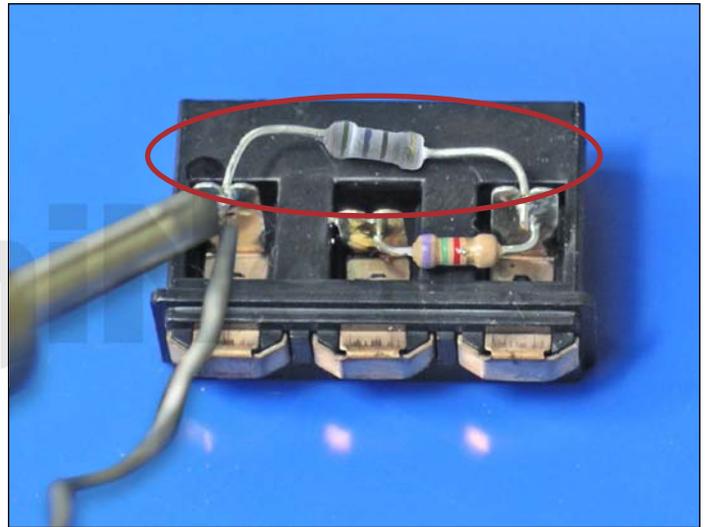
11. Locate the fuse (shown) that is soldered to the two outer contact tabs.



12. Use pliers to grasp the fuse wire while applying a heated soldering iron to detach the fuse from the contact tabs as shown. Carefully remove the fuse as the solder melts the wires off the tabs. DO NOT OVERHEAT the tab as this may cause the housing to melt.



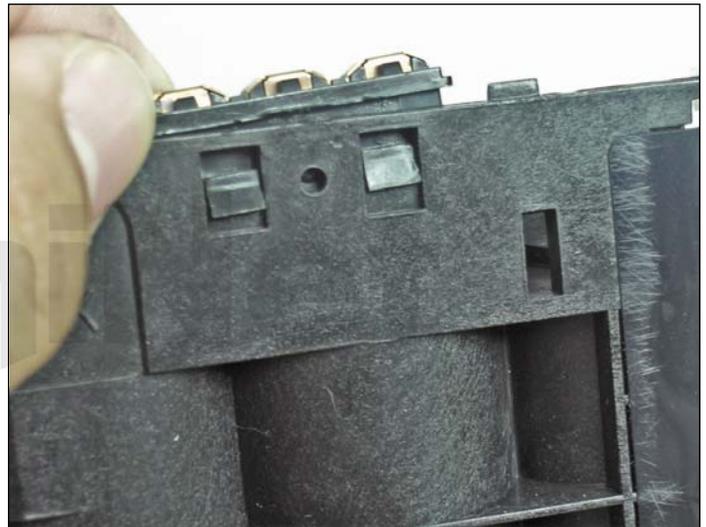
13. Use the soldering iron to smooth out any residual wire off the contact tabs.



14. Solder the new aftermarket cartridge reset system fuse onto the two outer contact tabs as shown. You can solder any side to either contact as long as the tabs are not specific. Be careful not to overheat the tabs.



15. Insert the completed assembly back into the cartridge by aligning the tabs to their proper holes.



With the tabs in place, the assembly is now locked.



TESTING THE CARTRIDGE

16. Make sure the printer is turned off before installing and testing the cartridge.