

# Remanufacturing Instructions

## Samsung CLP 500 Toner Cartridge



For Technical Support, please call Memphis, TN at (888) 757-0762 or Nashua, NH at (888) 833-5727.



### Reference Information:

**Black Toner:** CLP -500D7K/XXA

**Cyan Toner:** CLP-500D5C/XXA

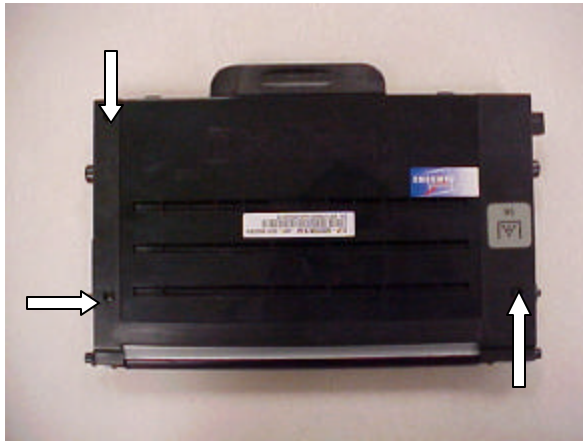
**Magenta Toner:** CLP500D5M/XXA

**Yellow Toner:** CLP500D5Y/XXA

### OEM Yields:

**Black Toner:** 7,000 @ 5%

**Color Toner:** 5,000 @ 5%



1. To remove the top cover you will need to remove the three screws on top, as indicated.
2. Before you can remove the top cover, there is one more screw located on the large gear side of the cartridge. See step two.



1. Remove the screw, as indicated by the arrow. Be careful not to damage the contacts located on the side cover.
2. After removing the screw, you can proceed to start the top cover removal process.

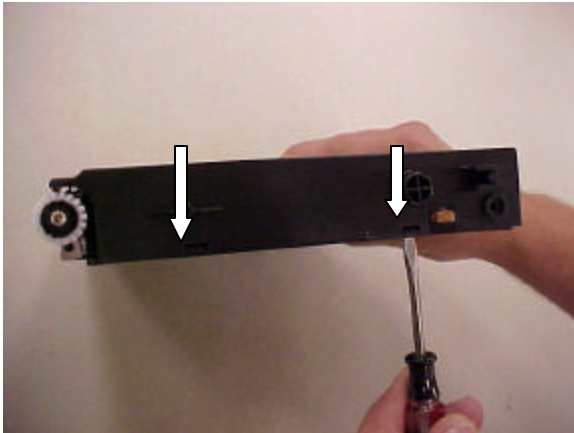
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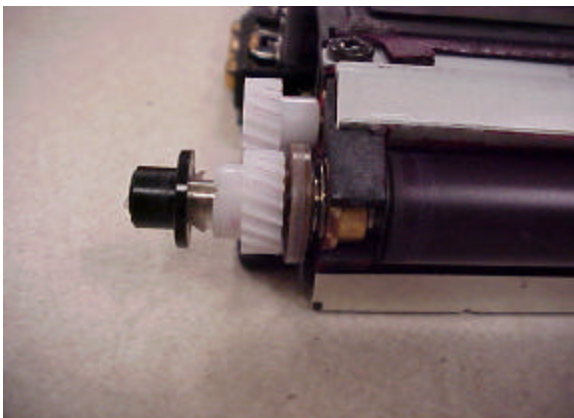
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1. There are two internal locking clips on each side of the cartridge.
2. Insert a small flat head screwdriver where indicated, and pry the side of the top cover over the locking tab.
3. Perform this operation on the other locking tab.



1. Perform the same operations, as in the previous step, on the internal locking tabs on the other side of the toner cartridge.
2. After unlocking the tabs, you can remove the top cover by gently over extending the side of the cover and lifting it up and over the cartridge.

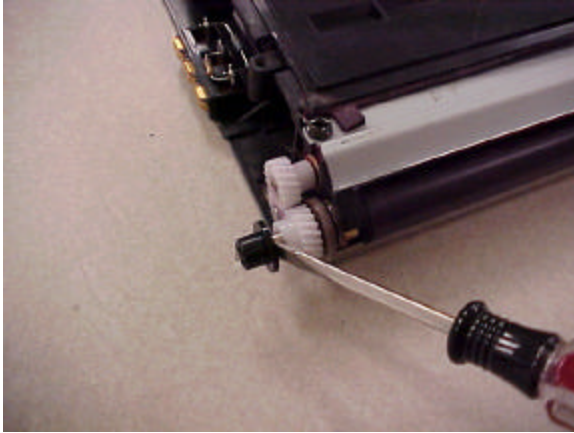


1. After removing the top cover, you will be able to remove the developer roller for cleaning.
2. There are a number of small components located on the end of the developer roller drive shaft.
3. The picture at left shows the proper position of these components.

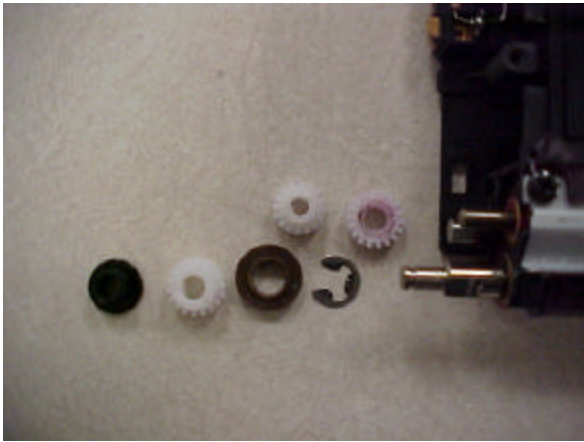
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1. To remove the developer roller and the associated fittings on the end of the metal shaft, you will need to remove the locking tab on the end of the developer roller.
2. To remove the locking tab, simply pry it off with a flat head screwdriver.



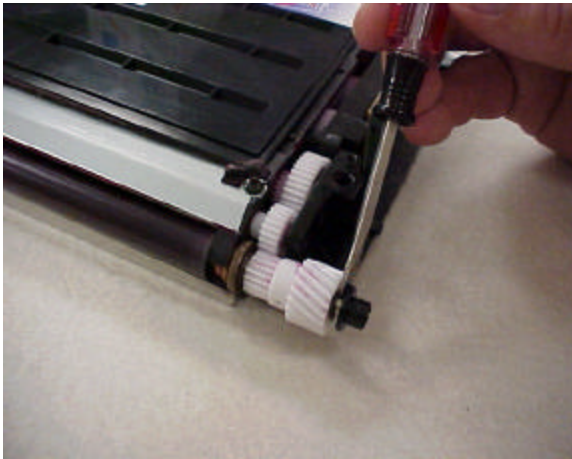
1. Pictured here are the associated components of the developer roller.
2. From left to right they are the locking tab, drive gear, bearing and the C-clamp. They are laid out in the order that they would go back on the sleeve during the reassembly process.
3. The other two gears that are pictured are for the toner adder roller, as well as the toner auger.



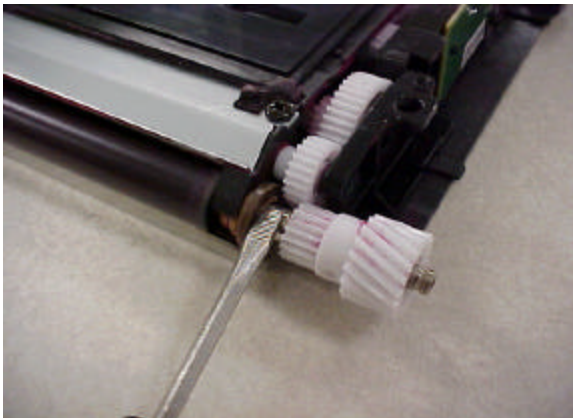
1. Before the roller can be completely removed, you will need to remove the copper colored developer roller-locking tab. This item secures the developer roller to the cartridge housing.
2. To remove the locking tab, simply pry it off with a small flat head screwdriver.

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1. Before the developer roller can be completely removed, you will need to remove the large drive gear on the gear train side.
2. To remove the gear, remove the black plastic locking tab at the end of the developer roller.
3. To remove the tab, simply pry it off with a small flat head screwdriver.
4. There will also be a small bushing and a larger one that will need to come off the developer roller shaft, as well.



1. To remove the large developer roller drive gear, simply pry it off with a small flathead screwdriver.
2. Do not remove the copper colored developer roller-locking piece.



1. To remove the developer roller from the toner cartridge, grab it by the shaft on the non-gear side of the toner cartridge.
2. Gently pull it out and away from the gear train side of the toner cartridge, taking care not to scratch it.
3. It is recommended that the roller be wrapped in a lint free cloth to prevent further damage.
4. Thoroughly clean the toner adder roller, as well as the development chamber, with clean, filtered compressed air.
5. Do not remove the Doctor Bar. Clean it with a lint free cloth.

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1. To remove the toner fill plug, you will need to pry it loose with a small flathead screwdriver.
2. Once you have removed the toner fill plug, use a vacuum and compressed air to clean out the remainder of the old toner.
3. Be careful removing the toner fill plug, as it is difficult to remove and easily damaged.



1. After removing all the old toner from the toner hopper, reassemble the cartridge in reverse order. Take care not to damage any of the contacts or the developer roller sleeve.

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