

Remanufacturing Instructions

Samsung ML 1710/1750 Toner Cartridge



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

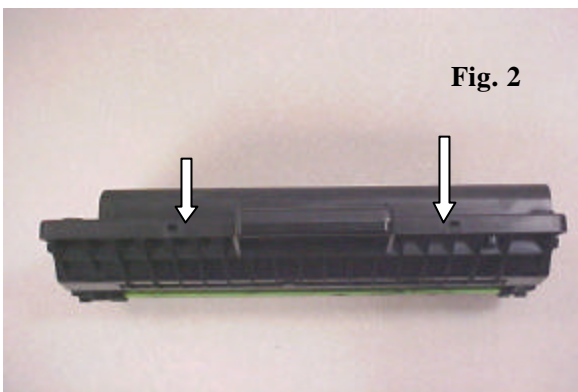


OEM Reference Information

OEM Product #: ML-1710D3/XAA
OEM Yield: 3,000 pages @ 5% coverage



1. Remove the five screws (highlighted area in Fig. 1) on the top cover of the toner cartridge. The cover will not come off, as there are four clips that need to be released for the cover to be removed.



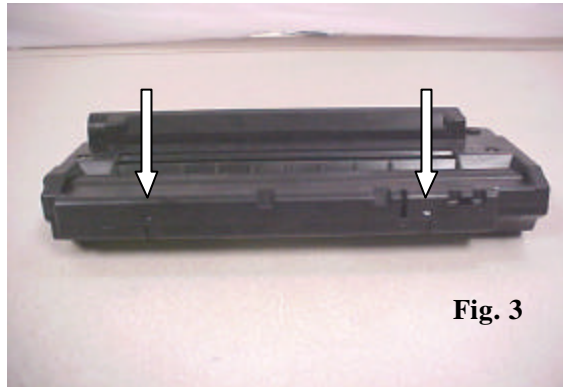
2. Using a small flat head screwdriver, gently push in the release clips located on the back of the cover.

NOTE: Be careful not to break these clips. Toner will leak out if they are broken.

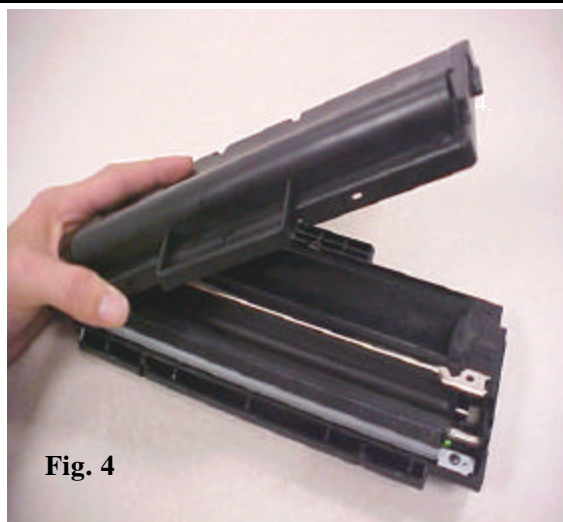
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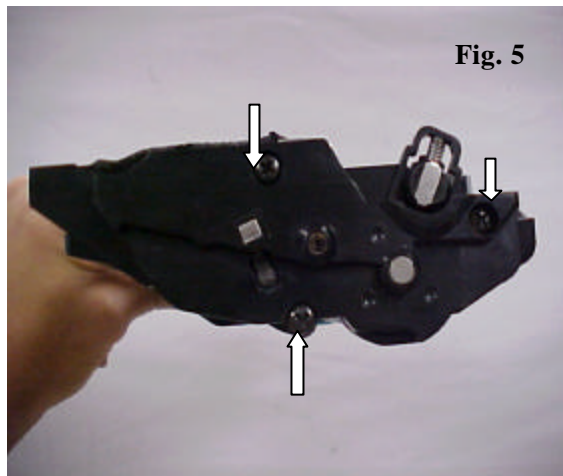
3. The other clips are located on the front of the cartridge. Remove them in the same manner as in the previous step.



4. After removing the screws and clips, simply pull the top cover up to remove.

NOTE: The Samsung ML 1710/1750 toner cartridge is designed with an open hopper, similar to the HP PX/VX series of cartridges. Use caution when removing the lid as any excess toner may spill out.

5. Remove any residual toner from the waste and supply sides at this time.

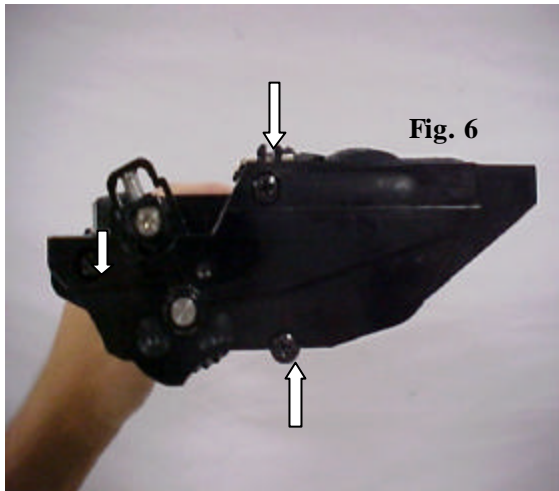


6. Detach the side cap by removing the three screws that secure it to the main cartridge body.

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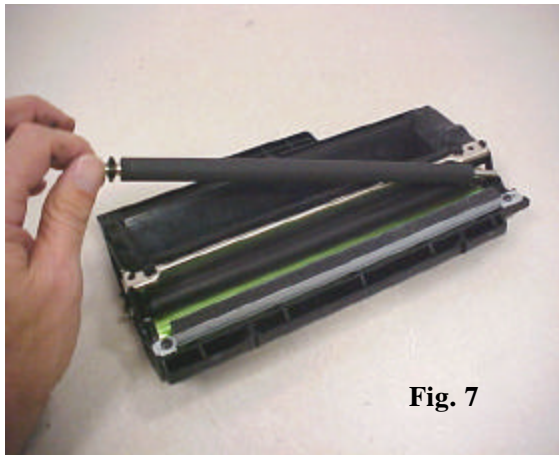
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7. Remove the side cap on the opposite end of the cartridge using the same instructions.

NOTE: Be careful removing the side cap as some of the drive gears are not attached and will fall off.



8. Once both side plates are detached, remove the PCR.

NOTE: The PCR has a small drive gear attached to it. This gear is stationary and will not fall off. During the reassembly of this cartridge, align the PCR drive gear with the small helical spur gear on the OPC.



9. The developer roller stabilizer plate must be removed to remove the developer roller and OPC. Insert a small flathead screwdriver under the plate and gently pry off.

NOTE: Be careful not to break the plastic clip that secures it to the cartridge body.

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Fig. 9

10. After removing the developer roller side plate, remove the developer roller by pulling the shaft through the area that was covered by the stabilizer plate.

NOTE: Be sure to remove the developer roller drive gear from the geared side of the cartridge before sliding the roller out.



Fig. 10

11. To remove the OPC, simply push it up from the bottom of the cartridge and pull it out the top. To maintain optimum print quality and reliability, it is recommended to change it out each cycle.

12. After removing the OPC, finish cleaning the toner hopper area.

NOTE: Pay careful attention to the sponge toner delivery roller in the toner hopper. Manually rotate this roller during the cleaning process to ensure that all of the old toner is removed from the sponge roller.

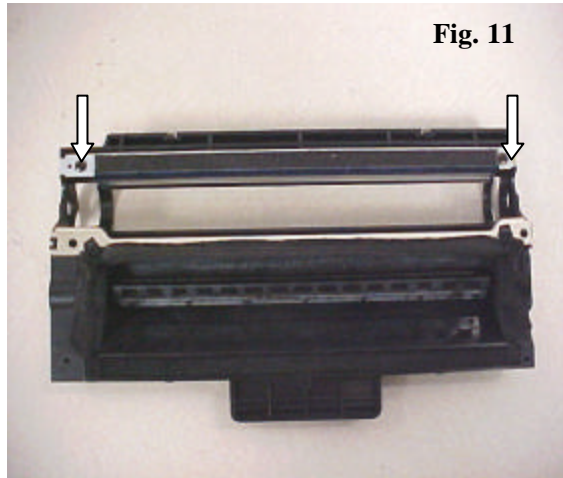
13. You can clean any toner from the working edge of the blade with a Q-tip.

NOTE: It is **not** recommended to remove the Doctor Blade during the remanufacturing process. Removal can cause damage to the sealing foams.

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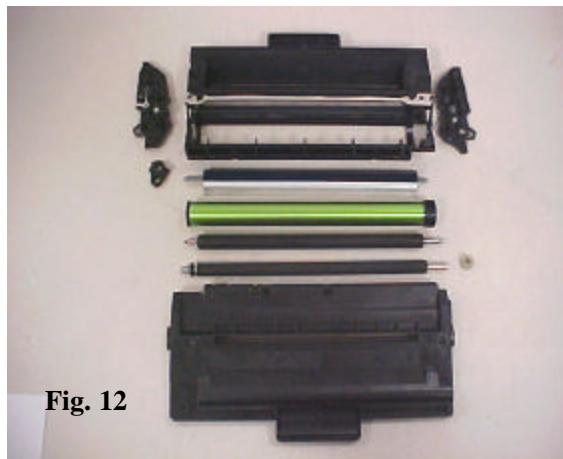
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NOTE: The wiper blade assembly in this cartridge is very different than most cartridges. Not only is there a PCR cleaner attached to the blade stamping, the blade itself is little more than an enlarged recovery blade. The toner has a very high transfer rate so there is very little waste in the waste toner collection.

14. The working edge of the blade is very fragile and easily damaged so be careful during the removal /cleaning process.



15. After cleaning out all the residual toner and inspecting the components, refill with toner and reassemble in reverse order.

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