

Remanufacturing Instructions

Dell 1600 / Samsung ML-2250



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



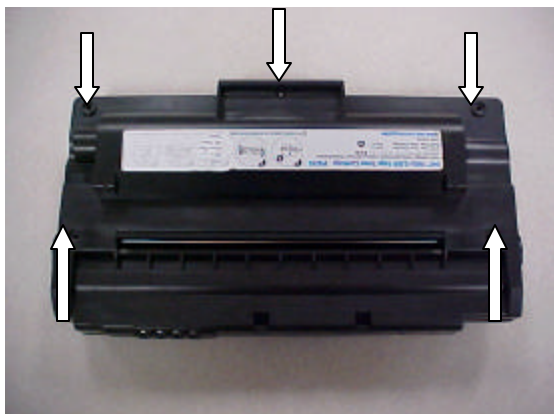
OEM Reference Information

OEM Product #

Samsung ML 2250: ML2250D5/XAA

Dell 1600: 3105417

OEM Yield: Rated 5,000 pages @ 5% page coverage



1. To open the cartridge for remanufacturing, remove the five screws that are indicated in the diagram and remove the top cover.



1. After removing the two screws, you will need to release the two internal clips on the front of the cartridge.
2. Insert a small flat-head screwdriver into the front of the cartridge under the clip and gently pry up until the cartridge is released.

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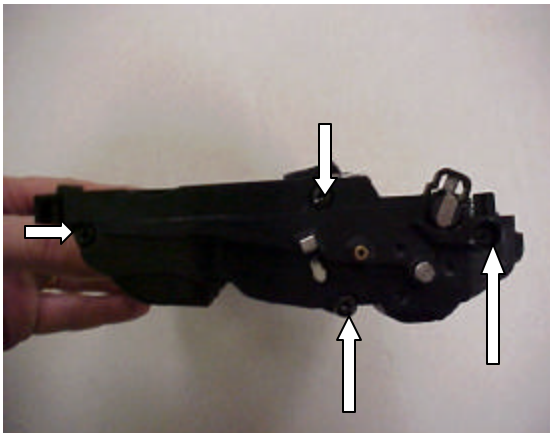
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1. On the back of the cartridge there are also two more clips that need to be released before the cartridge can be disassembled.



1. After releasing the four clips, remove the cartridge lid and set it aside.
2. Before proceeding clean the entire bottom section of the cartridge with a vacuum and compressed air to remove all residual toner in the hopper and waste toner in the waste hopper.

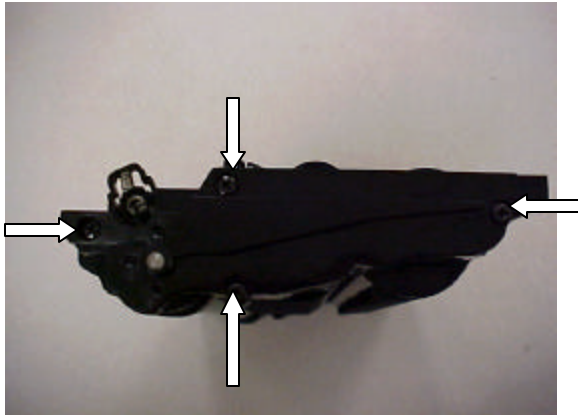


1. Remove the four screws from the end cap on the small-g geared side of the cartridge.
2. This will allow you to remove the PCR as well as the developer roller.
3. Do not remove the side cap yet.

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1. On the other side of the cartridge there are also four screws.
2. Remove these four screws and then take off the end cap on the other side.



1. Keep the cartridge flat while you are removing the end caps. The PCR is not attached to the cartridge interior, and it may fall out if the cartridge is not kept level.

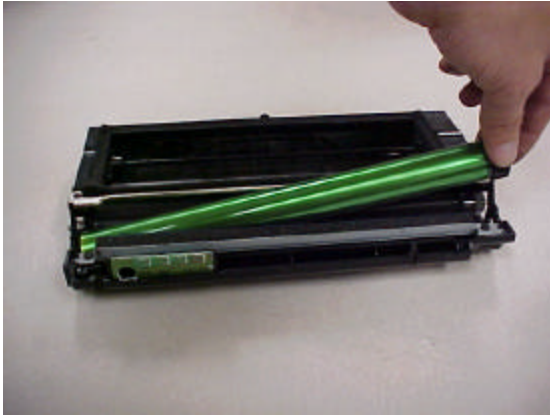


1. To remove the PCR, grab it from the metal shaft and pull it out.
2. There is a small drive gear on one end of the shaft. It will fall off, so be careful not to lose it.
3. Wrap the PCR in a lint free cloth to prevent any damage and set it aside.

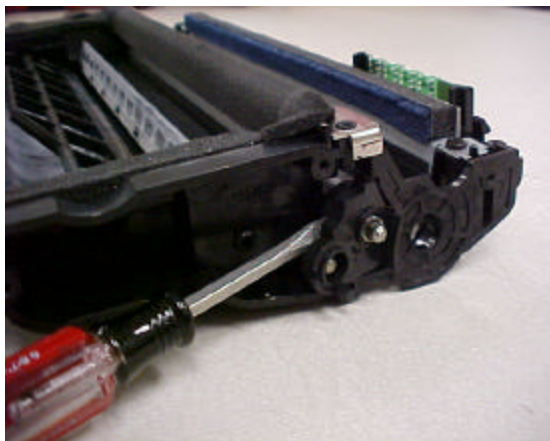
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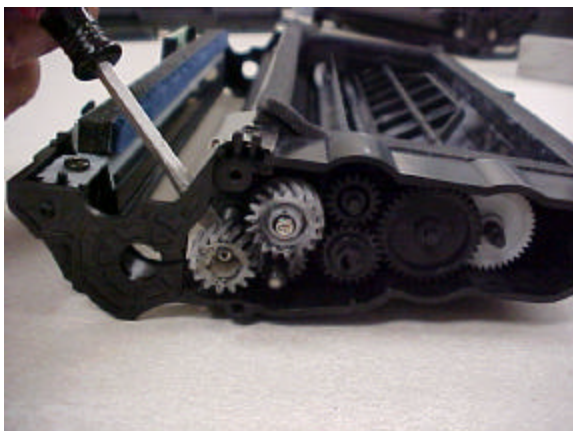
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1. To remove the OPC from the cartridge, push up from underneath. Then grab the large helical drum gear and pull it up until it comes out of the cartridge.
2. It is not recommended to remove the Dr. Bar. Simply clean it with dry filtered compressed air.



1. To properly clean the toner delivery area, it is recommended to remove the developer roller.
2. To remove the developer roller you will need to release the locking tab.
3. Insert a small screwdriver into the tab and gently pry out. The tab holds the foam delivery roller and the developer roller in place.
4. It is not recommended to remove the sponge delivery roller.



1. Before you can remove the developer roller, you will need to remove the drive gear located on the opposite side of the locking tab.
2. Simply pry off the gear with a small flat head screwdriver.

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1. To remove the developer roller, grab the metal shaft and pull it out through the space that was occupied by the developer roller.
2. Be careful not to scratch the developer roller during the removal process.
3. Again, it is not recommended to remove the toner adder roller.



1. After the cartridge has been completely cleaned and all components replaced, replace the chip in the front of the cartridge.
2. The chip is press-fitted between two pieces of plastic and can be removed by simply pulling it out.



1. After cleaning and replacing all the worn components, reassemble in reverse order.

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