

Remanufacturing Instructions

Samsung ML 1450 Toner Cartridge



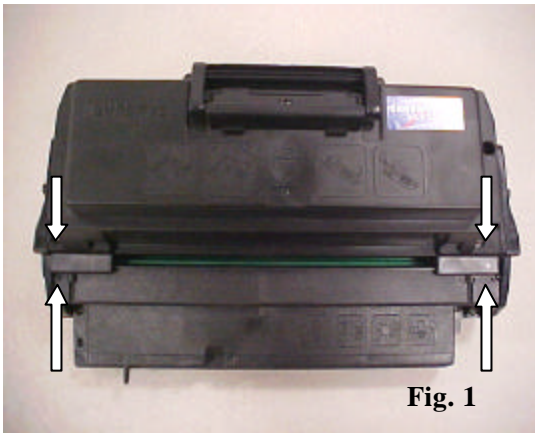
For Technical Support, please call Memphis, TN at (888) 757-0762 or Nashua, NH at (888) 833-5727.



OEM Reference Information

OEM Product #: ML-6060D6
IBM Infoprint 12

OEM Yield: 6,000 Pages @ 5% page coverage



1. To remove the toner hopper section from the rest of the cartridge, remove the two screws located on both sides of the toner hopper (Fig. 1).
2. Remove the other two screws located on top of the waste bin section.



3. To remove the toner hopper from the cartridge body, simply pull back on the upper hopper section until it disengages from the cartridge (Fig. 2).

NOTE: Use caution when removing the hopper section from the cartridge as it may still contain toner.

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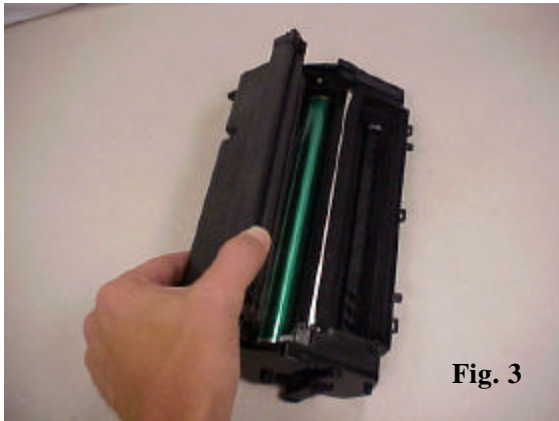


Fig. 3

4. Remove the waste bin section from the cartridge body. This section contains both the wiper blade and PCR (Fig. 3).

NOTE: Be careful removing this section as toner may spill out of the waste hopper area.

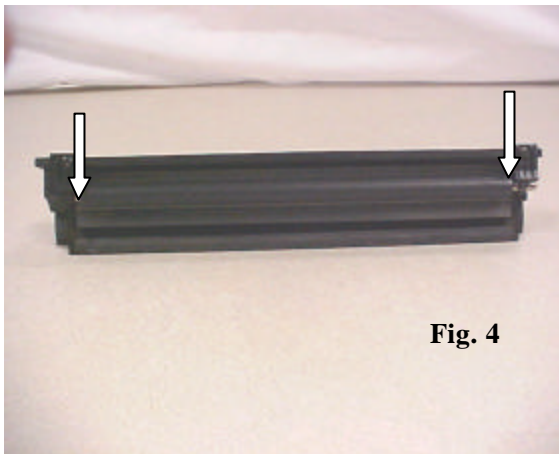


Fig. 4

5. To remove the PCR from the waste hopper sub-assembly, simply remove the two screws from the PCR support bracket. This also allows you access to the wiper blade screws (Fig. 4).

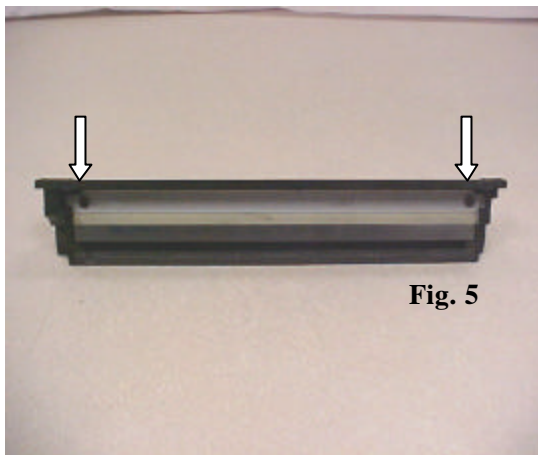


Fig. 5

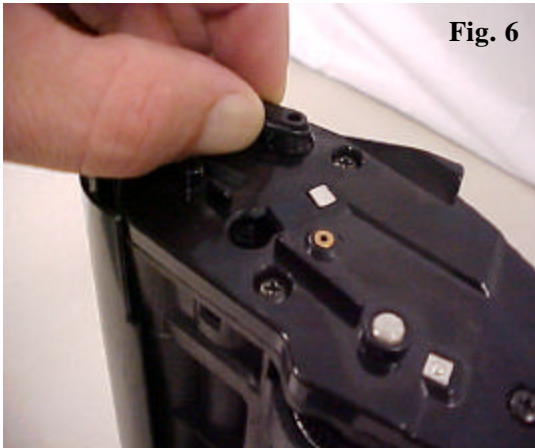
6. To remove the wiper blade from the waste hopper sub-assembly, remove the two screws that secure it in place (Fig. 5).

NOTE: To maintain optimum quality and reliability it is recommended to change the blade each cycle.

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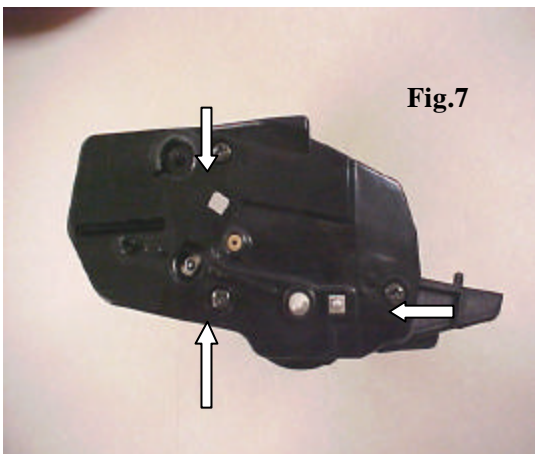
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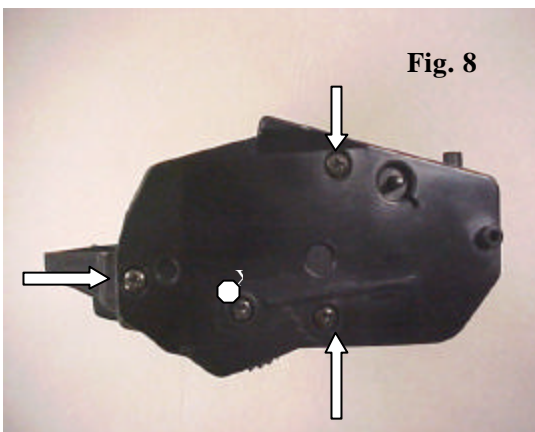
7. Before removing the cartridge end-caps from the cartridge, disengage the OPC protective shutter from the cartridge. Simply pull up on the shutter actuator arm until it disengages from the cartridge (Fig. 6).

NOTE: On each side of the shutter, the actuator arms contain small recoil springs. These springs do NOT come off the shutter.



8. To gain access to the rest of the cartridge, remove the side cap from the non-gear side of the cartridge by releasing the three screws holding it in place (Fig. 7).

9. After removing the cap clean off the electrical contacts located in the cap.



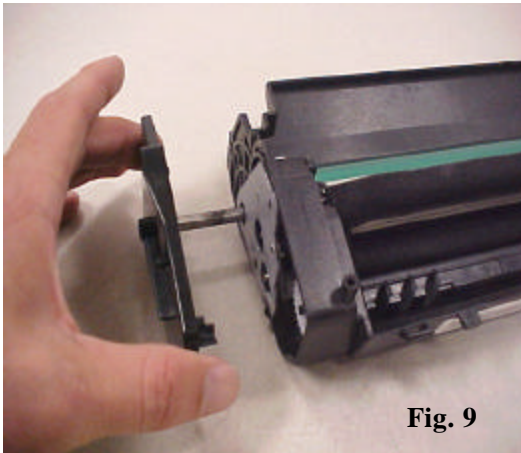
10. To remove the end-cap on the other side of the cartridge, take out the three screws as indicated (Fig. 8). The OPC axle is connected to this end-cap, so it is slightly more difficult to remove than the other end cap.

CAUTION: Do NOT remove the screw that is highlighted in white as it secures the OPC axle to the cartridge side cap.

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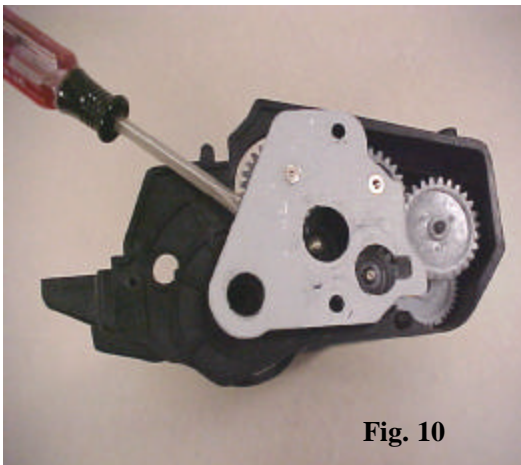
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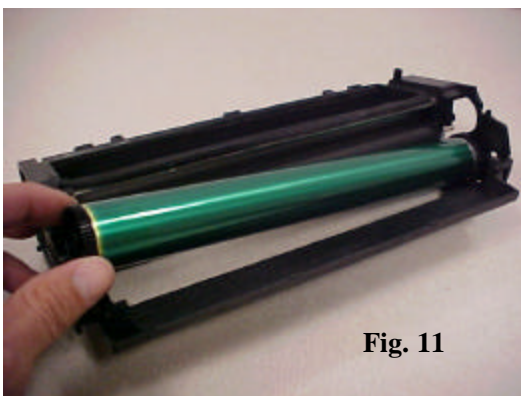
11. After removing the OPC axle from the cartridge, clean the axle to remove any old fused toner or dry grease (Fig. 9).

NOTE: Take care not to bend the axle.



12. Before removing the OPC, it will be necessary to remove the plate that covers the gear train assembly. To remove the plate, gently pry it off with a small flathead screwdriver (Fig. 10).

13. Normally two sets of gears will stay affixed to the plate; leave them in place.



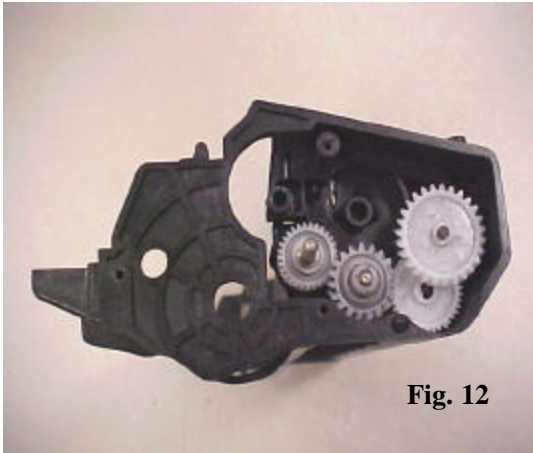
14. Now that the drive gear that held the OPC in place has been removed the OPC will come out (Fig. 11).

15. To maintain optimum print quality and reliability, replace the OPC at each cycle.

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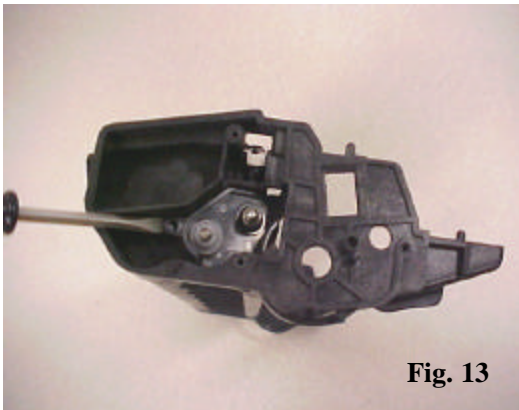
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16. Note the positioning of the gears. Keep in mind that none of them are attached and could easily fall off.

17. Remove the developer roller drive gear, the first gear to the left, to facilitate the removal of the roller (Fig. 12).



18. To remove the developer roller, first take off the stabilizer plate that holds it in place. This plate also secures the toner delivery roller. To remove stabilizer plate, insert a small flathead screwdriver underneath it and release the small plastic locking tab (Fig. 13).

NOTE: It is not recommended to remove the sponge delivery roller, or the doctor bar.



19. Grab the developer roller axle and carefully slide out the developer roller through the opening (Fig. 14).

CAUTION: Be careful not to scratch the developer roller because it will cause a print defect.

NOTE: Again; it is NOT recommended to remove the toner delivery roller or the doctor bar assembly.

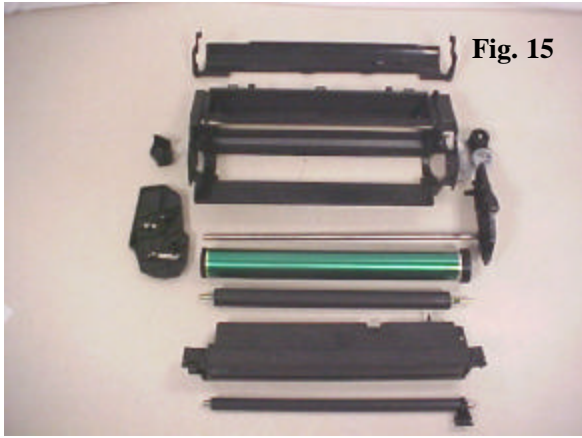


Fig. 15

20. After cleaning out all residual toner from the waste hopper and the toner delivery roller, reassemble components in reverse order (Fig. 15).

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