Remanufacturing Instructions

Samsung ML 2150 Toner Cartridge

OASIS
IMAGING PRODUCTS
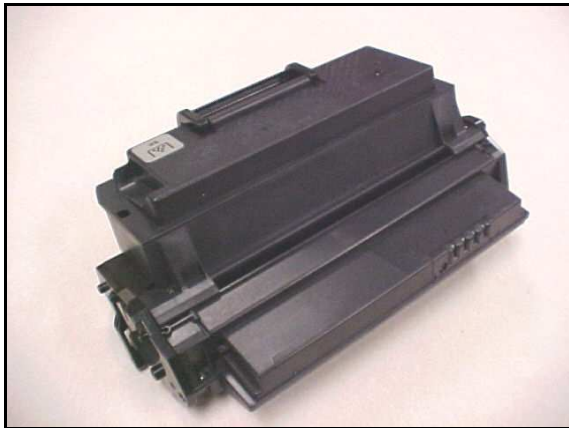
OEM Reference Information

OEM Product #:
Part # ML2150D8XAA

Oasis Products:
S2TN10220
S2DR3005
S2DR3050
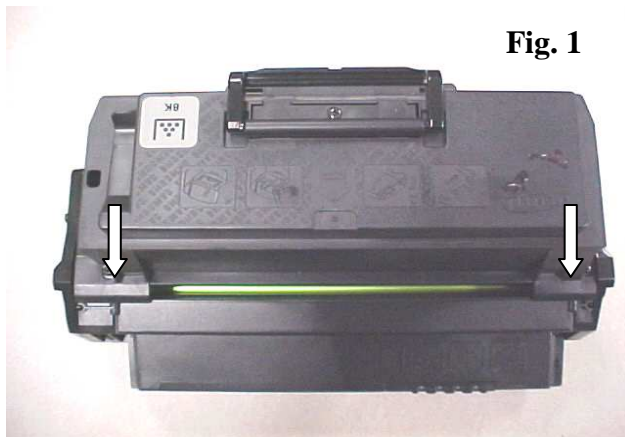
OEM Yield:
8,000 pages @ 5% coverage

Fig. 1

1. To release the toner hopper section, remove the two screws as indicated in Fig. 1.

NOTE: Be careful as there may be toner remaining in the hopper.

Fig. 2

2. To release the waste hopper section, remove the two screws holding it in place as indicated in Fig. 2.

NOTE: The waste hopper section contains the PCR, PCR cleaner, wiper blade and chip.
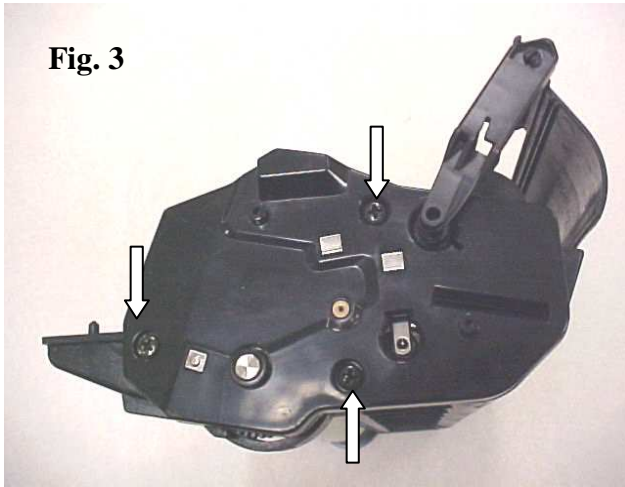
3. Set the waste hopper section aside. It will be processed later.

Fig. 3

4. Remove the three screws that hold the end-cap in place on the non-geared side of the cartridge. **Do not remove the end-cap.**
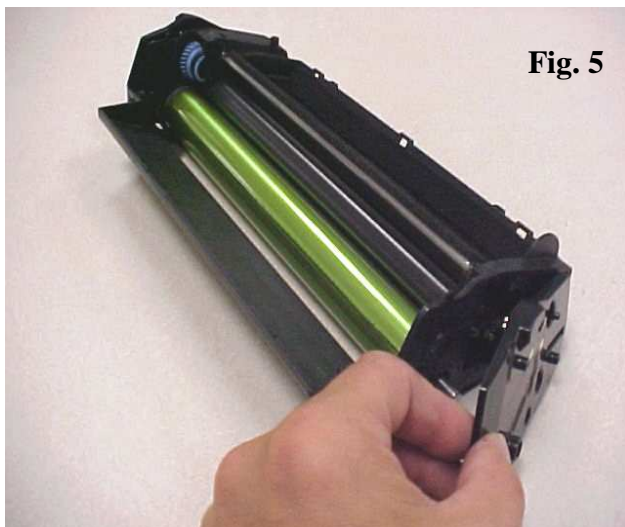
Fig. 4
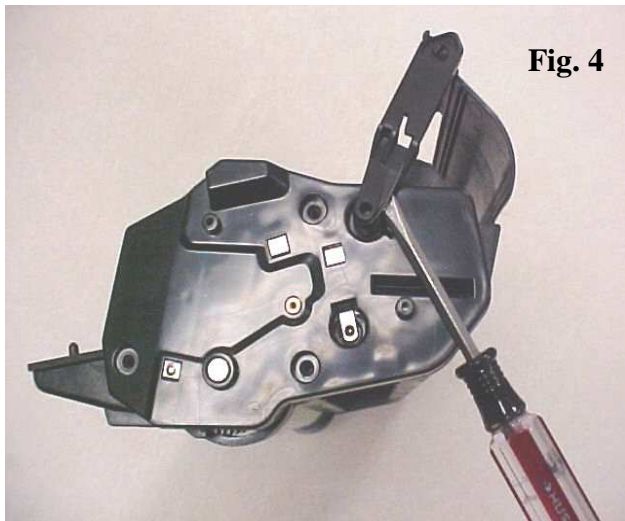
5. Before removing the end-cap, remove the OPC protective shutter from both end-caps.

NOTE: Be careful not to lose the recoil spring.
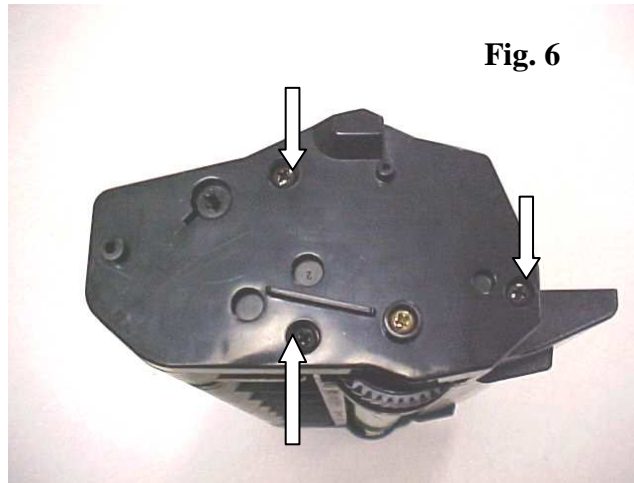
Fig. 5

6. Remove the end-cap from the non-geared end.

7. Clean the contacts on the inside of the plate and set it aside.

Fig. 6

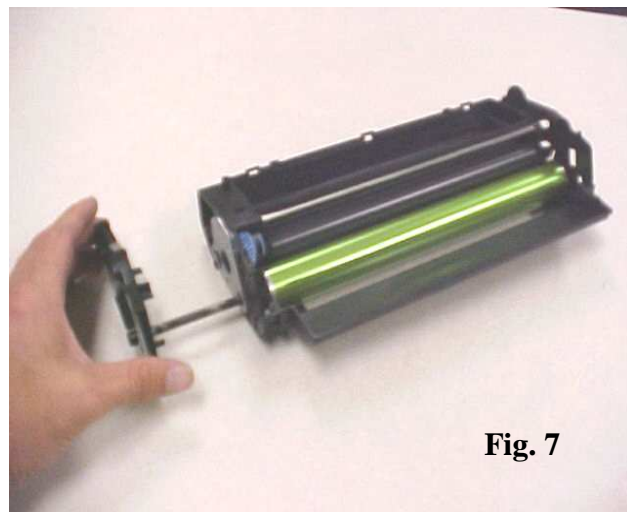**8.** Remove three of the four screws on the end-cap (Fig. 6).
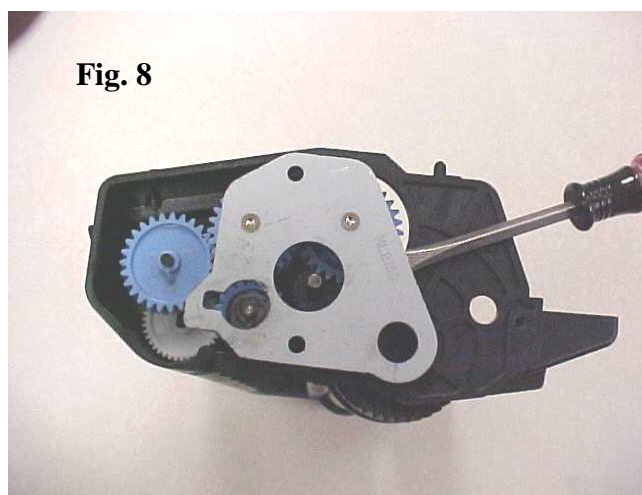
NOTE: Do not remove the gold colored screw as it holds the OPC axle in place.

Fig. 7

9. Gently pull the end cap and OPC axle out of the cartridge.

It is recommended to thoroughly clean the OPC axle of grease before reapplying any other lubricant.

10. Before removing the OPC from the cartridge, remove the developer roller drive gear from the gear train.

Fig. 8

11. Remove the gear support plate from the cartridge. Be careful as some of the gears may fall off.

NOTE: Do not lose the small drive belt that is connected to the developer roller drive gear.
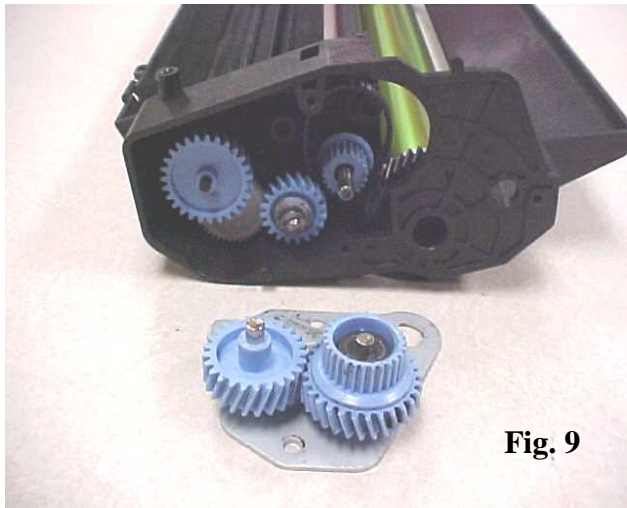
Fig. 9

12.   Before removing the drive gears, note the proper orientation.

13. Remove the gears.

Fig. 10

14. Remove the OPC.

It is recommended to replace the OPC at each cycle to ensure optimum performance.

Fig. 11

15. To properly clean the toner adder roller and the dr. bar assembly, remove the small locking plate on the side of the cartridge by pushing in the tab on the underside of the cartridge.
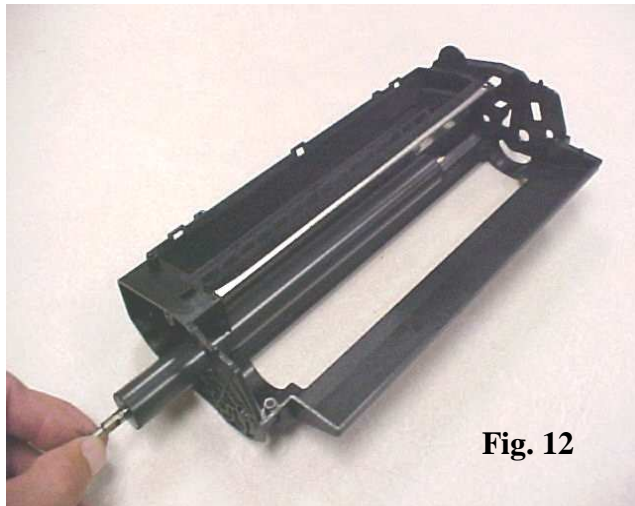
Removing the locking plate will allow the developer roller to slide out, as well as access to the dr. bar and toner adder roller,

It is not recommended to remove the dr. bar or adder roller.

Fig. 12

16. To remove the developer roller, gently pull by the by the metal shaft until it is completely out of the cartridge.

**NOTE:** Be careful not to scratch the developer roller as it will cause a print defect.

It is recommended to only use clean, filtered compressed air and a lint free cloth to clean the developer roller.
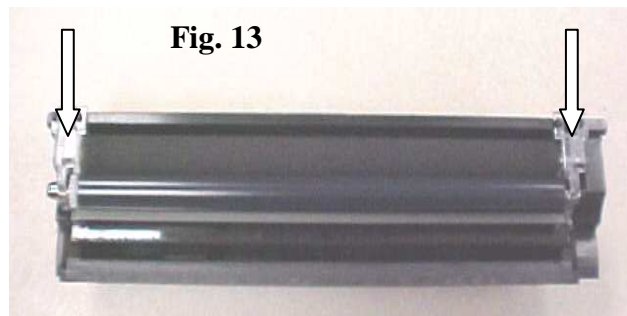
Fig. 13

The waste hopper unit consists of the wiper blade, PCR, PCR cleaner and chip.

17. To gain access to and clean the waste hopper unit, remove the PCR and PCR cleaner by removing the two screws on the clear plastic clips (Fig. 13).

It is recommended to replace the wiper blade each cycle.

Fig. 14
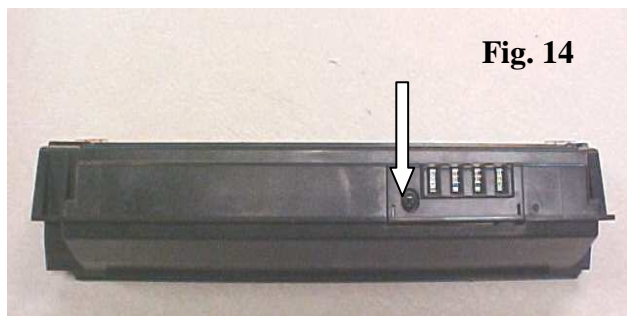
The chip is located in a small recessed cavity on the outside of the outside of the waste hopper.

18. To replace the chip, remove the single screw that holds the protective cover, as well as the chip, in place.

It is recommended to wear a grounding strap when replacing the chip.

Fig. 15

15. After refilling with toner, clean all electrical components and reassemble in reverse order.

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