

Remanufacturing Instructions

HP 8500 Color OPC Cartridge



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



Reference Information:

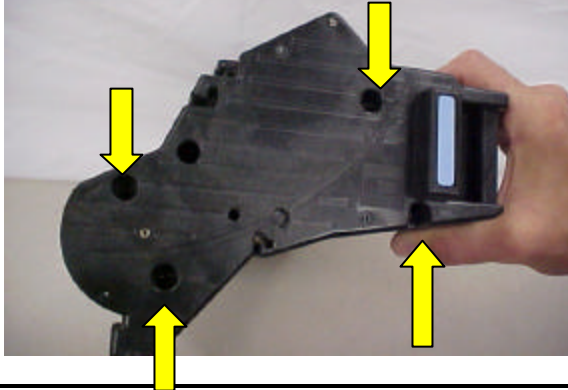
OEM Part #
C4153A

Oasis Products:

85DR1105
H5WB20
H5CPCHIP
H5CPRESET

OEM Yields: 50, 000 pages (Black); 12,500 pages (Color)

Fig. 1



1. Remove the four screws from the cartridge end plate and set them aside (Fig. 1).
2. Do not remove the cover at this time.

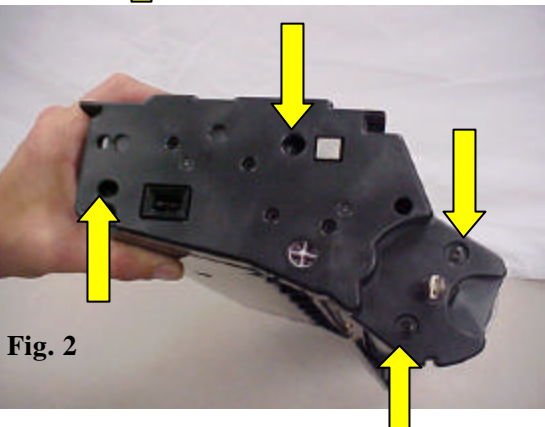


Fig. 2

3. On the opposite side of the cartridge remove the four screws that hold on the end plate (Fig. 2).
4. Do not remove the end plate yet.

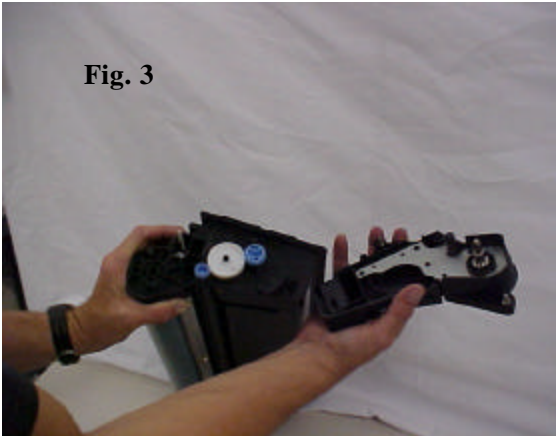
NOTE: Use caution when removing this end plate, as there are a number of unattached gears behind the plate.

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Fig. 3

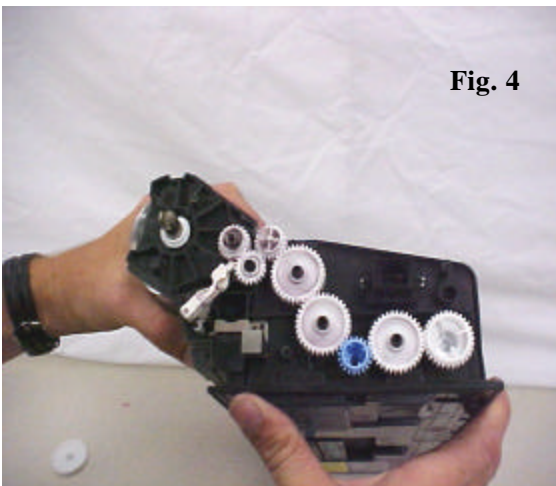


5. Carefully remove the end plate from the first side of the cartridge that you removed the screws from (Fig. 3).

6. There are only three gears on this side of the cartridge. I would recommend taping them in place as opposed to removing them.

NOTE: The OPC will be somewhat loose at this stage, if you plan on re-using it you may want to hold it in place until it has been completely removed.

Fig. 4



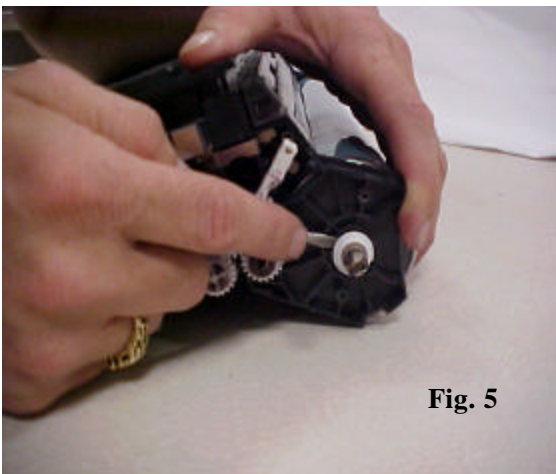
7. Cautiously remove the other end-cap. Fig. 4 illustrates the arrangement of the gears.

8. There is a small compression spring located on the gear that is closest to the OPC axle. Sometimes the spring becomes dislodged during the disassembly process. Set it aside until it is time to re-attach the end-cap.

9. Use tape to secure the gears in place.

NOTE: The position of the white plastic flag serves as an actuator for the cleaning brush.

Fig. 5



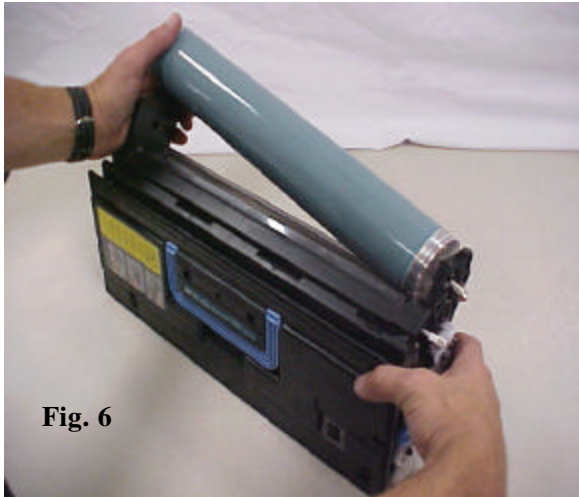
10. Using a small flat-head screwdriver, remove the white OPC axle bearing and set it aside (Fig. 5).

11. If possible, hold the cartridge in an upright position during the OPC removal process. This will prevent toner from spilling out on your work area.

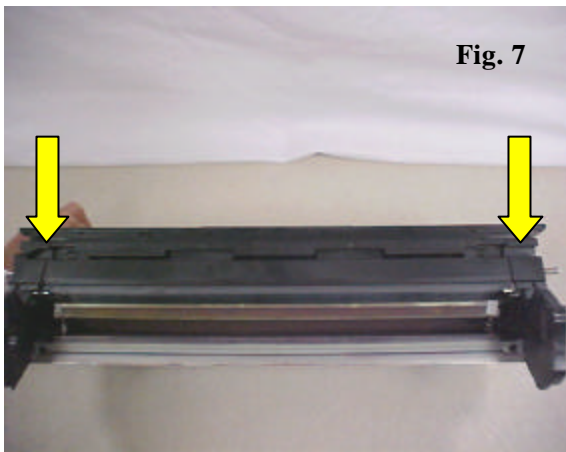
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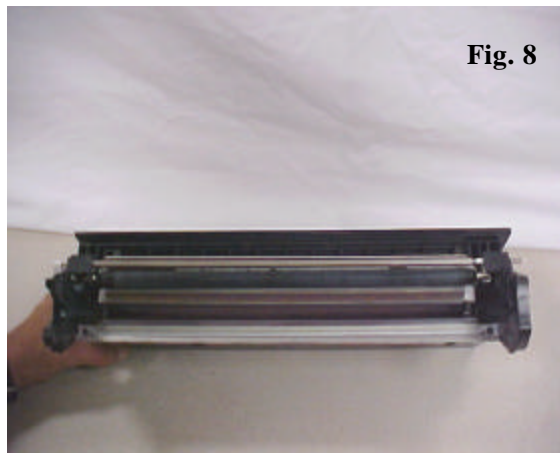
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- 12.** Remove the OPC, by lifting out the end of the drum that does not have the axle protruding from the end-cap (Fig. 6).
- 13.** If you are going to reuse the OPC, wrap it in a lint free cloth and set it aside.



- 14.** After removing the OPC from the waste hopper unit, locate the two screws that hold on the black plastic PCR cover.
- 15.** Remove the two screws from the PCR cover and then remove the cover (Fig. 7).



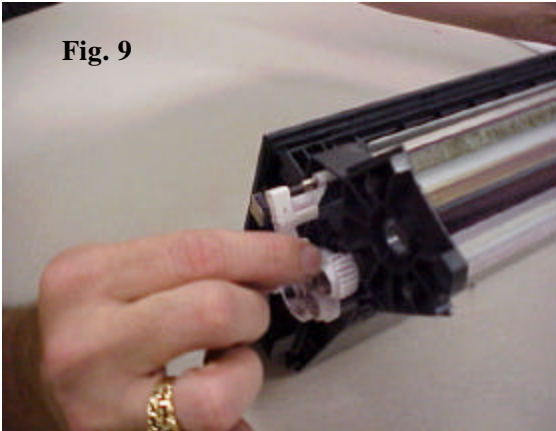
- 16.** Remove the exposed PCR (Fig. 8).
- 17.** Clean the PCR with a lint free cloth and tap water.

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Fig. 9



18. Make a note of the position and assemble of the PCR brush actuator flag before removing.

NOTE: If the flag is not installed correctly than the side cap will not be able to go on.

19. Remove the spring loaded brush extension on the other side of the cartridge by gently pulling it off (Fig. 9). Be careful not to lose it.

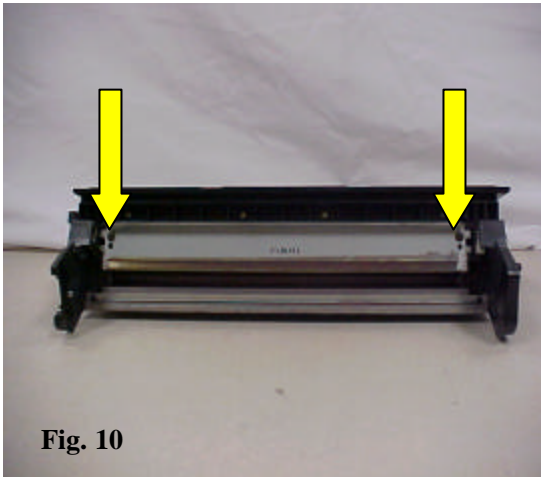


Fig. 10

20. Locate and remove the two screws that hold the wiper blade.

21. Remove and replace the wiper blade (Fig. 10).

22. Be sure the tape holding the gears is securely in place.

23. Holding the cartridge upside down, (OPC cavity) facing down, shake the unit from side to side with one end slightly lower than the other. Intermittently, blow out the open cavity with compressed air.

NOTE: It usually takes 4-5 minutes to clean out the waste toner. Check the optical recognition window on the top of the cartridge to be sure the waste toner has been removed.

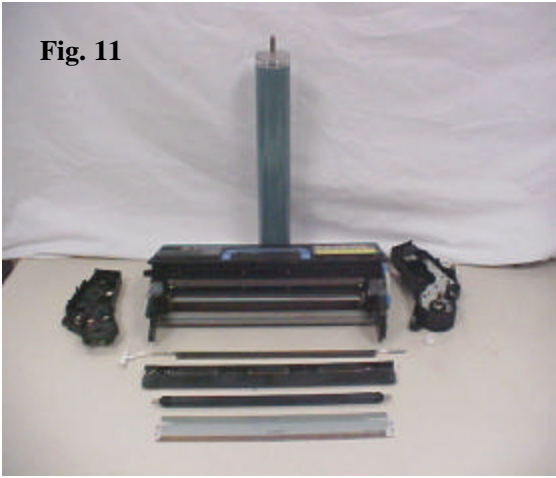
24. Be sure to manually rotate the window cleaner drive gear in the large gear-train to ensure the window is clean.

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Fig. 11



25. Once clean, reassemble the waste toner unit.

26. Before putting the end cap over the large gear train side, remove the two screws that hold the OEM chip and replace it.

27. To reassemble, follow the steps in reverse order.

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