

Remanufacturing Instructions

HP 2500 OPC Drum Unit



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



OEM Reference Information

OEM Product #:
Drum Unit (C9704A)

OEM Yield:
Color: 5,000 pages
Black: 20,000 pages

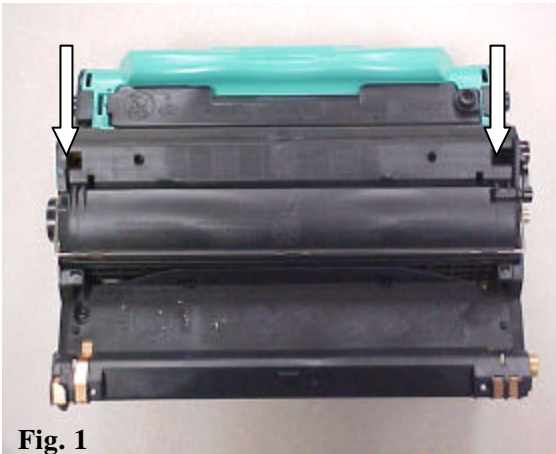


Fig. 1

1. Remove the two screws that are recessed into the cartridge outer shell. These screws hold in the PCR and the PCR cradle.

2. After removing the two screws, use a small screwdriver to gently pry off the cradle.

3. Clean the PCR and reinstall it in the cradle.

4. Set the cradle aside as this will be the last piece to be reinstalled on the completed drum unit.

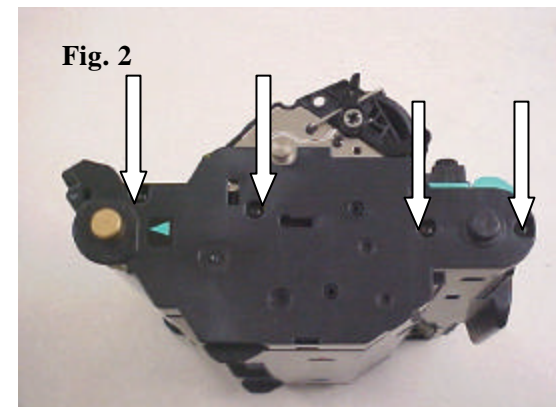


Fig. 2

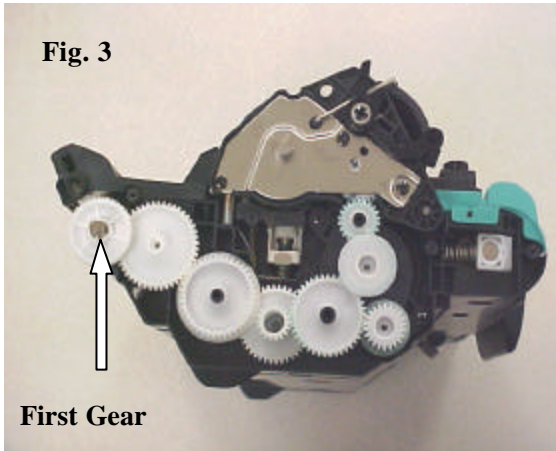
5. To access the OPC stabilizer plate, remove the side-cap on both sides of the cartridge.

6. Remove the four screws as indicated by the arrows.

7. Remove the side-cap and set it aside.

NOTE: Be careful as the gears located under the cap are loose and will fall out.

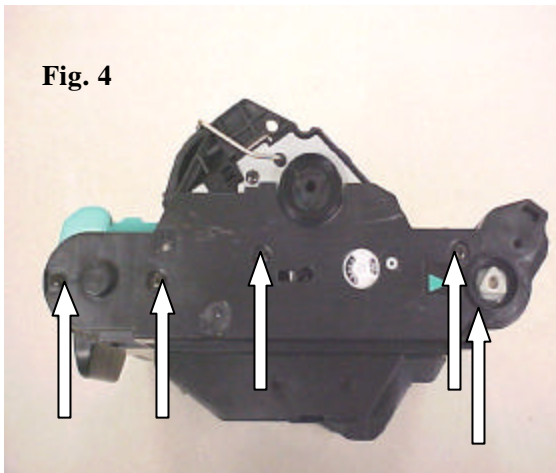
Fig. 3



8. To minimize damage to the transfer belt, it is recommended to remanufacture the unit in the upright position, as shown in Fig. 3. This will also prevent loose gears from falling off.

NOTE: Extreme caution needs to be exercised when dealing with the gear train. The first gear in the series, as indicated in Fig. 3, helps keep the alignment of the transfer belt straight. Upsetting the alignment will result in intermittent light and dark print down the page.

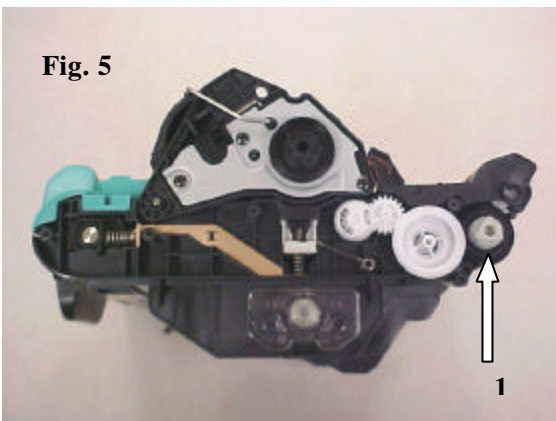
Fig. 4



9. Remove the five screws that secure the side plate to the cartridge as indicated in Fig. 4.

NOTE: Take caution as there are a number of loose gears on this side of the cartridge.

Fig. 5



10. Please note the position of the gears

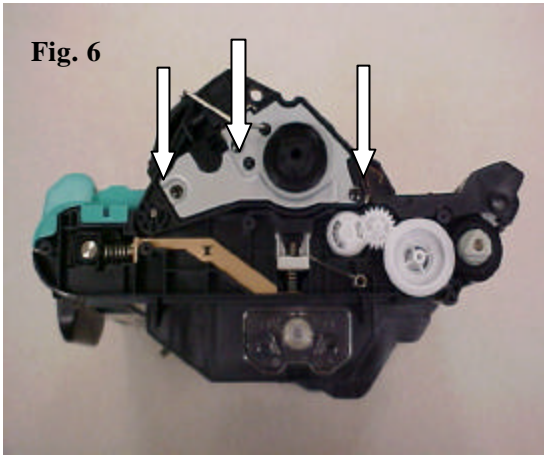
11. Do **NOT** remove the gear labeled 1 in Fig. 5 as this gear aligns the transfer belt assembly.

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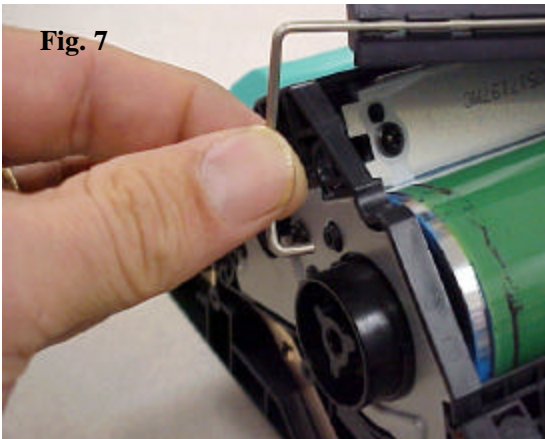
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Fig. 6



12. To remove the OPC, remove the three screws that hold the silver stabilizer plate in place.

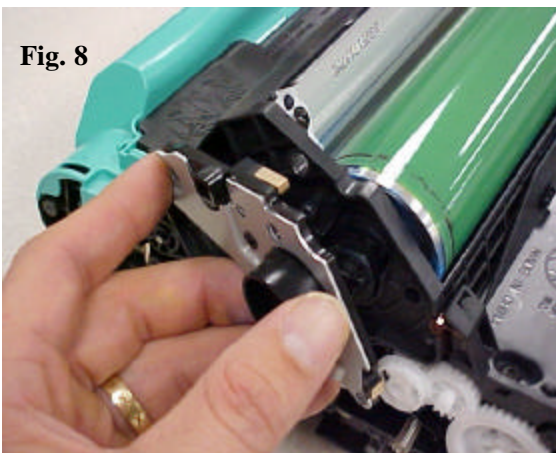
Fig. 7



13. Before removing the stabilizer plate, remove the OPC shutter arm.

14. To release the shutter arm, gently pull out of position on the OPC stabilizer plate.

Fig. 8



15. To remove the OPC stabilizer plate, grasp the edges and gently pull out until it is over the drum hub.

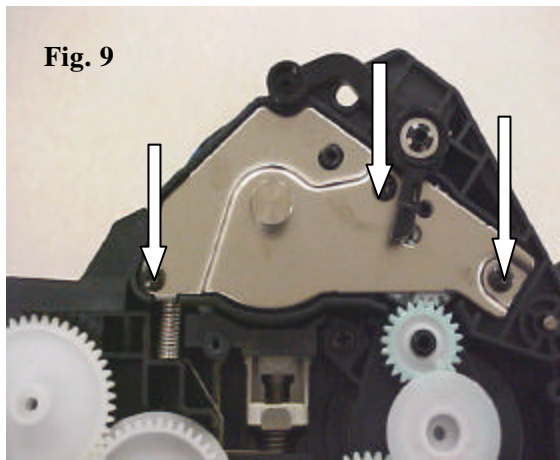
16. Complete this same operation on the other side of the cartridge, leaving the actuator arm attached to the cartridge.

17. Set aside the stabilizer plate until ready install a new drum.

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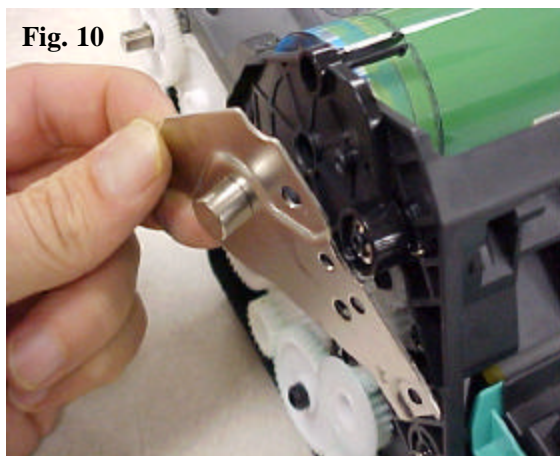
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18. To remove the stabilizer plate on the other side of the cartridge, remove the three screws as indicated in Fig. 9.

NOTE: It is not necessary to remove the OPC actuator arm, simply pull it back out of the way.



19. Remove the stabilizer plate by simply grasping the end of the plate and pulling off.

20. Set aside the plate until it is time to reinstall a new OPC.



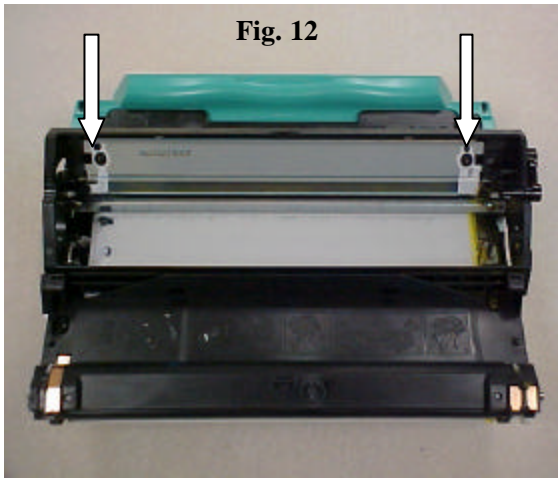
21. After removing the OPC stabilizer plates, remove the OPC.

22. To remove the OPC, grab it by the end on the geared side of the OPC unit and pull up.

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23. To release the wiper blade, remove the two screws shown in Fig. 12.

24. Carefully clean the waste hopper with a vacuum and compressed air.

NOTE: Take care not to damage the transfer assembly.



25. After cleaning all residual toner from the cartridge and ensuring that all contacts are clean, re-assemble the OPC unit in reverse order.

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