

Remanufacturing Instructions

Ricoh Fax 2000L (Type 1135) Toner Cartridge



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

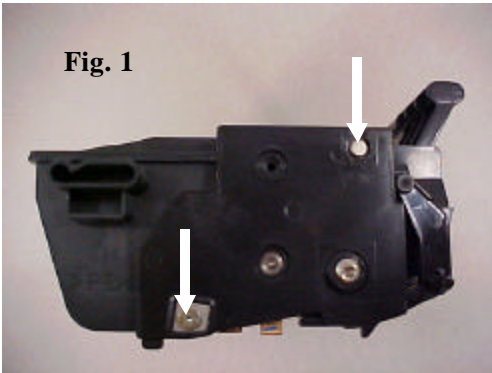


OEM Reference Information

OEM Product #: Type 1135 (430222)

OEM Yield: 4,500 pages @ 5% coverage

Fig. 1

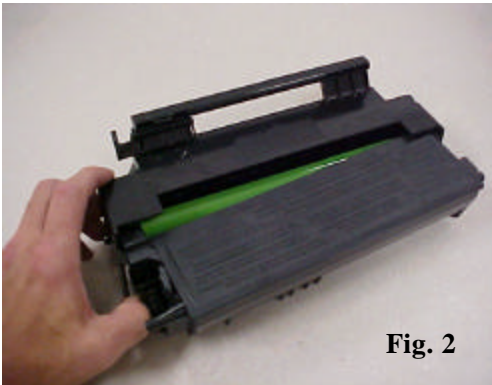


1. To separate the cartridge, remove the pins from both sides of the unit by prying them out with a small flathead screwdriver.

2. Also remove the small screw on the bottom of both sides of the cartridge using a small Torx head driver.

NOTE: Be careful when you remove the screws, as the small metal plate behind it will fall off after you remove the screw.

Fig. 2



3. To separate the developer section from the waste hopper section, over-extend the waste hopper side that slightly encloses the developer section.

NOTE: As you remove the developer section from the waste hopper, be careful as the drive gears are loose and will fall off.

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Fig. 3



4. To remove the OPC, push in the axle piece that runs the length of the OPC.

NOTE: Make sure that you push the OPC in from the *geared* end of the drum.

5. To maintain optimum print quality, it is recommended that a new OPC be installed each cycle.

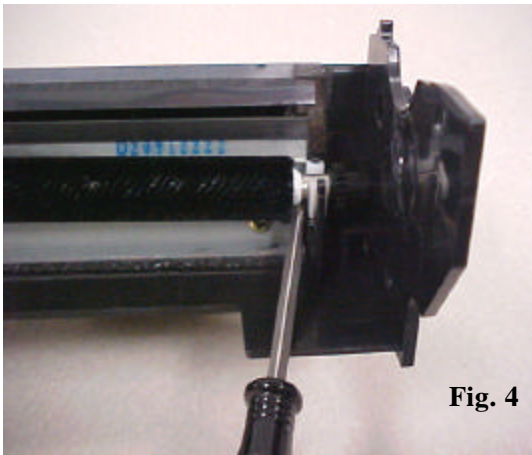


Fig. 4

6. To remove the PCR, insert a small flat head screwdriver underneath the PCR and gently pry up.

NOTE: Located on the end of the PCR is a small drive gear that is unattached and falls off easily. Be careful not to lose it.

7. Use dry, filtered compressed air to clean the PCR.

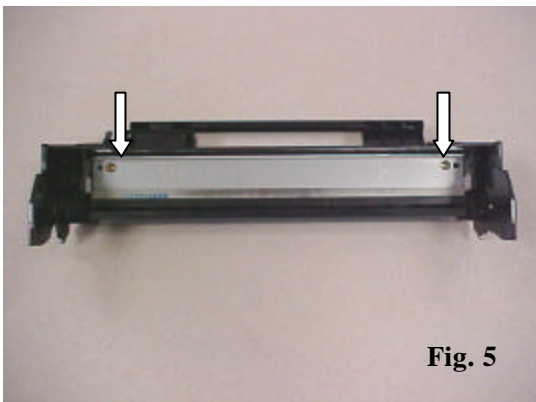


Fig. 5

8. To remove the wiper blade you will need to remove the two screws as indicated.

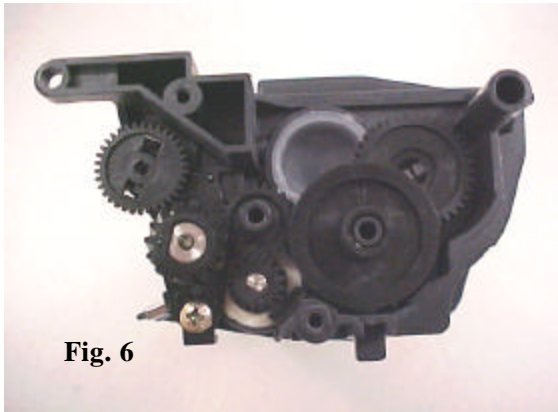
9. Clean the waste toner from the hopper with compressed air.

10. It is recommended to change the wiper blade out each cycle.

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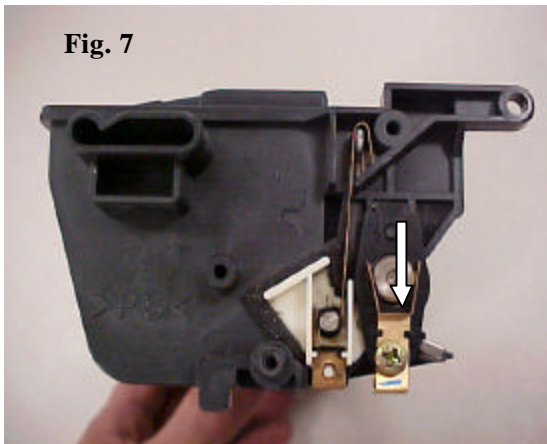
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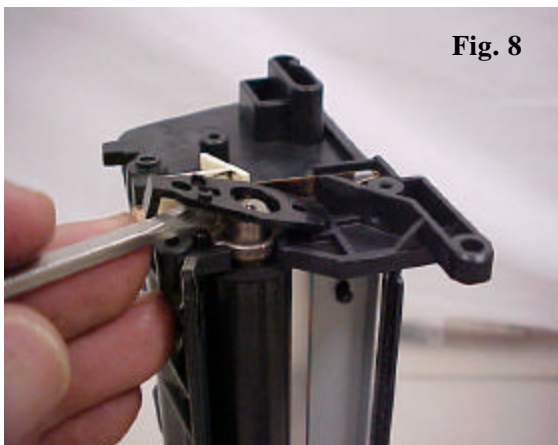
11. For easier access to the toner fill plug, remove the gears.

NOTE: Before removing the drive gears, note the proper orientation of all the gears.



12. To remove the developer roller, first remove the developer roller stabilizer plate. A gold colored screw holds the contact and plate to the cartridge body. By removing this screw, the contact will release.

NOTE: Do not to disfigure the developer roller contact.



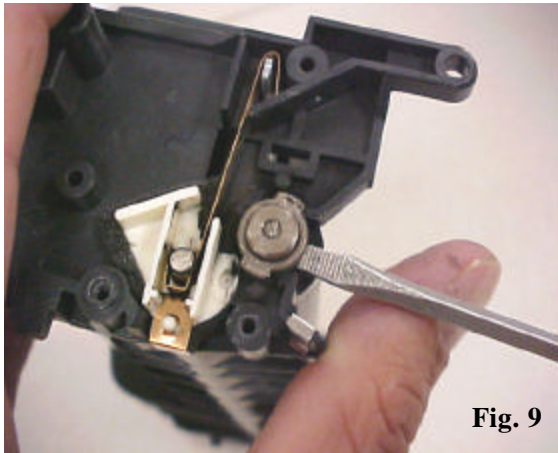
13. To remove the stabilizer plate, use a small flat head screwdriver and gently pry the plate off the cartridge shell.

NOTE: The attachment points are very easy to break.

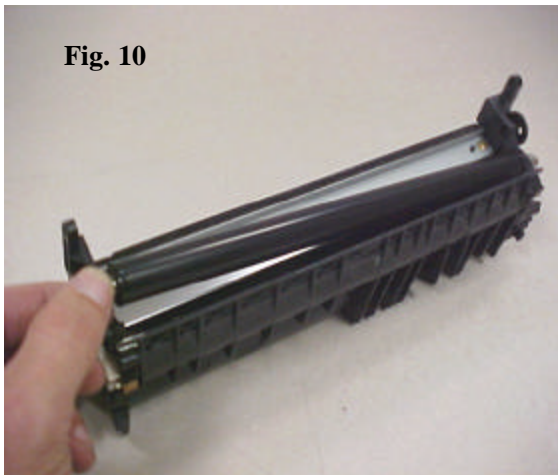
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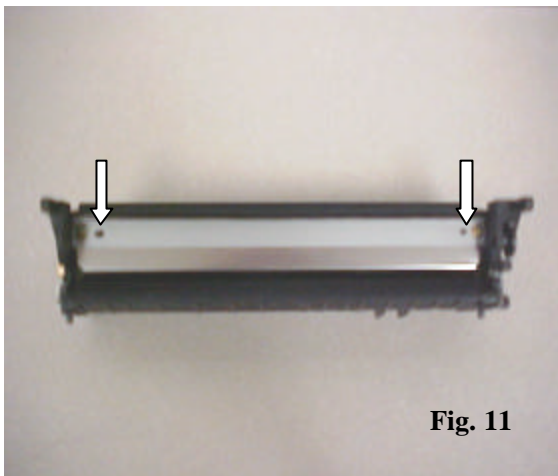
14. Before the developer roller can be removed from the toner hopper section, the metal locking ring that holds the developer roller axle in place on the cartridge must be removed. The ring is slightly recessed into the cartridge body. Use a small flat head screwdriver to remove the ring.



15. Before you attempt to remove the developer roller from the cartridge, remove the developer roller drive gear from the developer roller axle. The drive gear is located on the geared side of the cartridge.

16. Then pull up and then back on the roller to take it out.

17. Use clean, filtered compressed air and a lint free cloth to clean the roller.



18. To remove the doctor bar assembly, take out the two screws located at each end of the doctor bar.

NOTE: The doctor bar assembly is made up of two separate components, a metal stamping and the actual metering bar.

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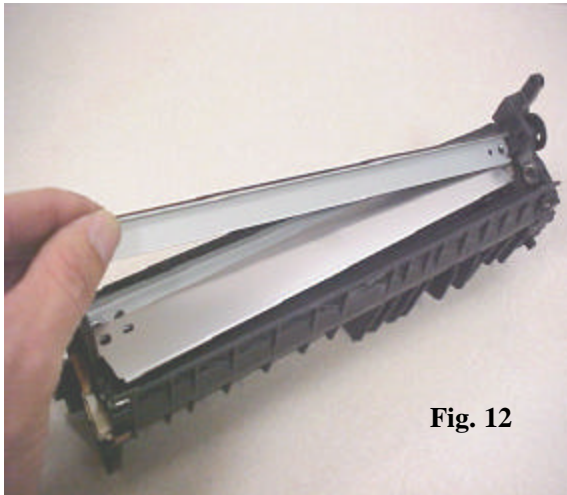


Fig. 12

19. Carefully lift out the metal stamping and set it aside.

NOTE: Take care not to break off any of the plastic positioning brackets located on the cartridge shell.



Fig. 13

20. Next, remove the portion of the assembly that meters the toner level on the developer roller.

NOTE: This portion of the assembly consists of a very thin and flexible piece of metal that is very easy to damage during the removal process.

21. Blow off the working edge of the blade.

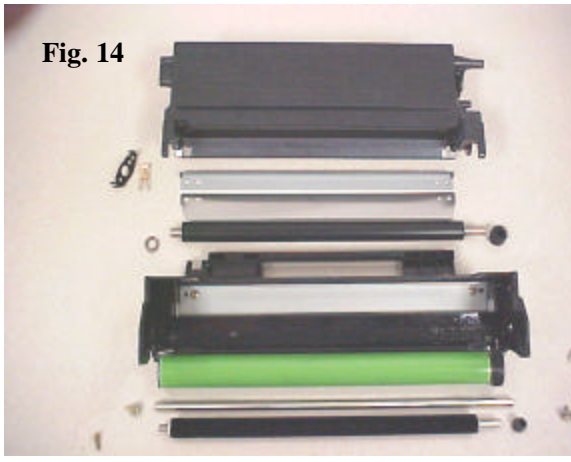
22. As with most toner cartridges that utilize the electrostatic method of toner transfer, the Ricoh 2000L (Type 1135) also contains a sponge toner delivery roller that presents toner to the developer roller. This roller, as well as the interior of the toner hopper, must be thoroughly cleaned to prevent any cross-contamination of both OEM and aftermarket toners.

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Fig. 14



23. After ensuring that all old toner has been removed from the cartridge, clean all electrical contacts, fill with toner and reassemble in reverse order.

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