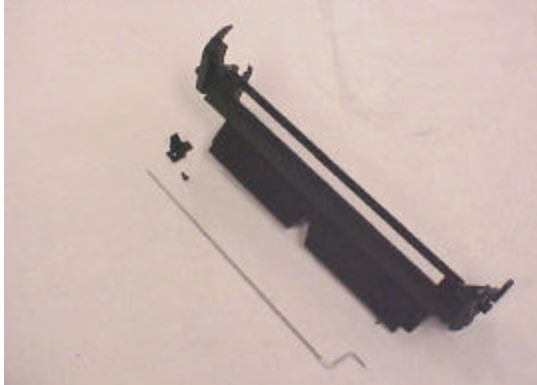


# Installation Instructions

## HP 2100/HP 2300/Canon Fax FX7 Conversion Kit

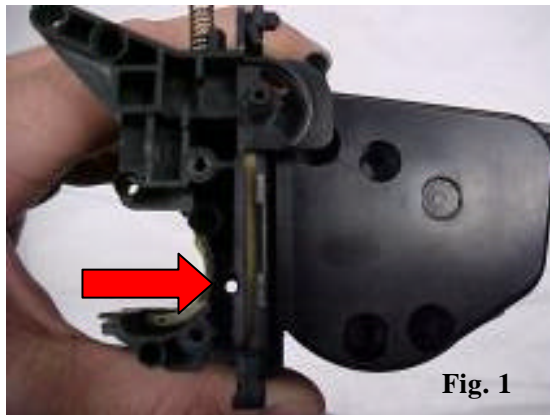
For Technical Support, please call Memphis, TN at (888) 757-0762 or Nashua, NH at (888) 833-5727.



**Product #:** 21CP23

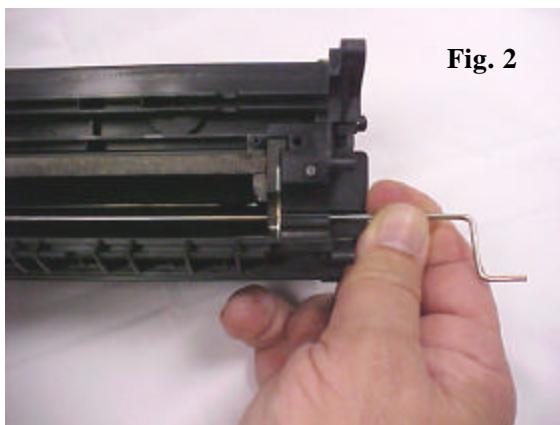
**Purpose of the 2100/2300 Conversion Kit:**

*To build either an HP 2300 Laser Printer toner cartridge or Canon Fax FX7 cartridge using a standard HP 2100 toner hopper core in conjunction with a specially designed waste hopper section.*



**Fig. 1**

1. Completely disassemble the toner hopper section, including the removal of the Dr. Blade.
2. Using a 1/8<sup>th</sup> inch drill bit, make a small hole as indicated in Fig. 1.



**Fig. 2**

3. Carefully insert the toner low sensor bar into the hole. Keep pushing the bar in until it reaches the other side of the hopper where the end of the bar will fit into an existing hole.

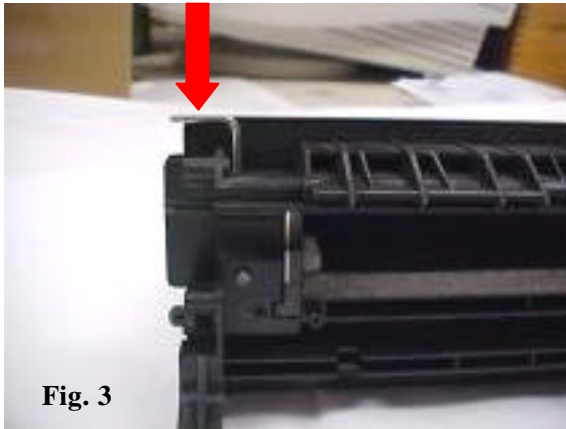
**NOTE:** Take care to ensure that the plastic grommet on the bar fits into the hole.

*It is highly recommended to apply a small amount of silicone sealer around the outside of the drill hole to prevent leakage.*

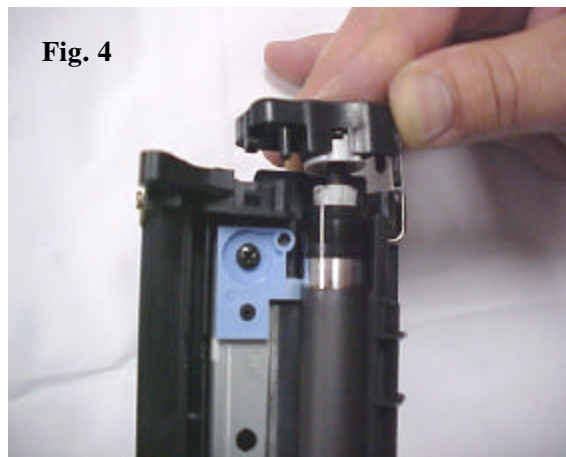
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4. Note the location of the installed toner sensor bar.



5. Reattach the mag roller contact end-cap.  
6. Note the position of the end of the sensor tab. It should align with a small hole on the inside of the mag roller contact end-cap.

**NOTE:** Be sure to add the conversion tab as it must be in place for the cartridge to be recognized by the printer or fax machine.



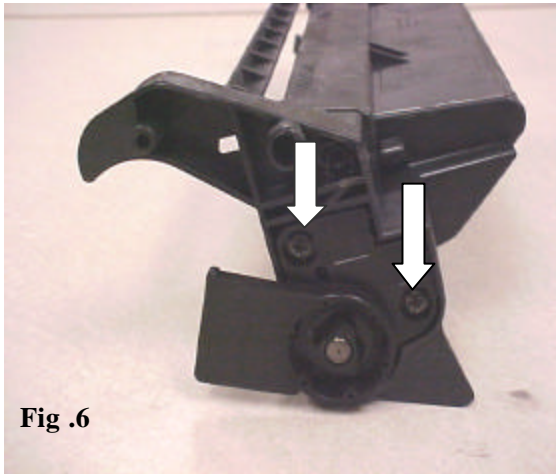
7. Once the contact end-cap has been re-installed, it should fit snugly over the end of the toner low sensor bar.

**NOTE:** If the end-cap is bowed out slightly near the connection with the toner low bar, than the bar has not been pushed all the way into the hole on the opposite end of the cartridge.

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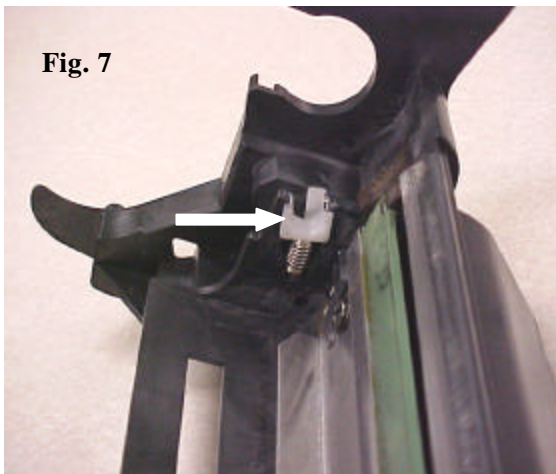
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**8.** Remove the two screws that hold the OPC plate in place on an HP 2100 waste hopper.

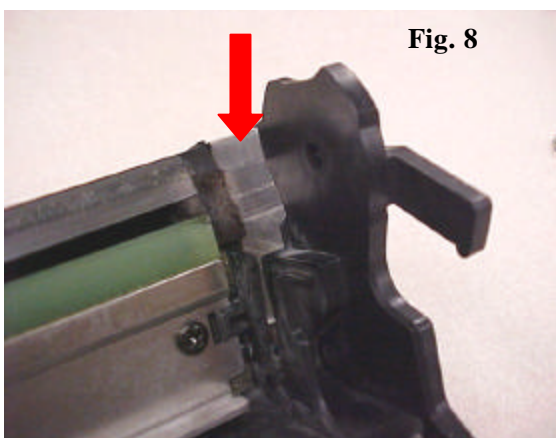
**9.** Remove the silver OPC axle on the opposite side of the waste bin.

**NOTE:** Place these components aside as they will need to be reattached to the conversion waste bin.



**10.** Remove both of the spring-loaded PCR saddles from the HP 2100 waste hopper.

**NOTE:** Save both of PCR saddles as they too will need to be reattached to the conversion waste bin.



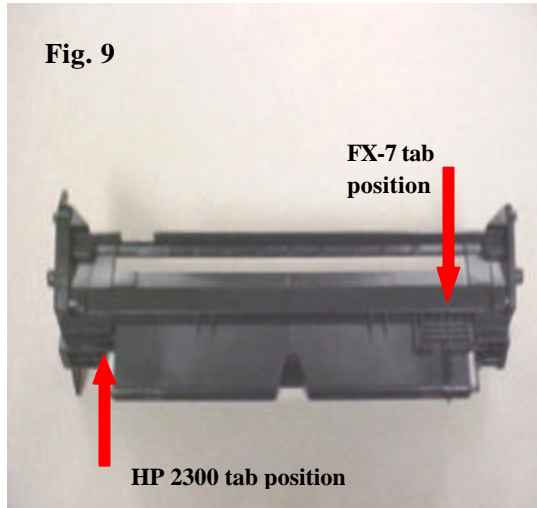
**11.** Remove the silver PCR contact. This contact runs from the base of the PCR saddle to the outside of the waste hopper where it makes contact with the machine.

**NOTE:** Be careful not to disfigure the PCR contact in any way.

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12. After removing all the components from the HP 2100 waste bin, place in the proper positions in the conversion waste bin.

13. Add the OPC and PCR and Wiper Blade.

**IMPORTANT!** If converting the cartridge to an HP 2300 laser printer cartridge, a specially geared OPC (HP 2100 drive gear with an HP 2300 spur gear) is needed.

For the fax applications, a standard HP 2100 OPC will suffice.

The position of the registration tabs is also different on the fax models than it is from the laser cartridges. Use Fig. 9 to determine the proper position of the tab, please note the orientation of the hopper in the photo. Use the enclosed screw to secure the tab to the waste bin.

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