



VXTECH

Technical Instructions	Printers	OEM Info	Tools	1
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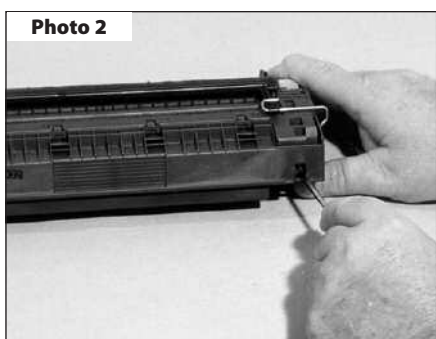
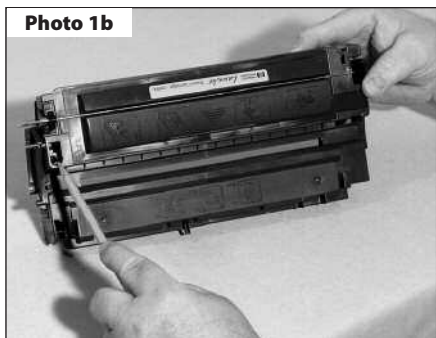
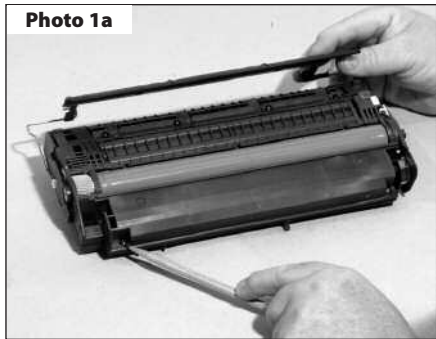
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HP Laserjet 5P, 5MP  
 HP Laserjet 6P, 6MP

Part Number: C3903A  
 Gram Load: 225 grams  
 Yield @ 5%: 4000 pgs  
 Pages/Min.: 6 ppm  
 Resolution: 600 dpi

Needle Nose Pliers  
 #1 Phillips Screwdriver  
 1/8" Flat Blade Screwdriver  
 Razor-type Cutter  
 Damp Cloth  
 Cotton Swabs  
 Anhydrous Isopropyl Alcohol  
 Vacuum or Compressed Air  
 SX Screws  
 5P Seal  
 5P Toner, 225 Grams  
 Conductive Grease  
 Putty Knife with stiff blade, 1<sup>1/4</sup>" wide  
 (for the new style cartridge)



**Step 1**

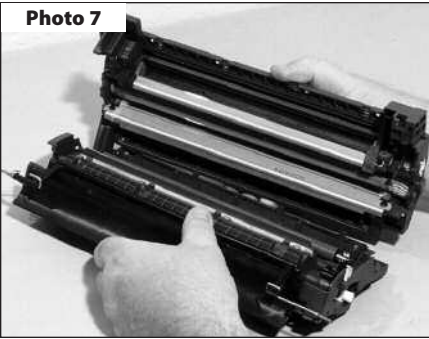
Originally 5P cartridges are held together with plastic clips, not screws. However, if the cartridge has been remanufactured, it may have up to seven screws (usually Phillips head) on the outside that must be removed. Some of these screws are pointed out in photos #1a and #1b  
 (See Photo 1a and 1 b)

**Step 2**

Place the cartridge, top down, on the work table with the drum up and the drum gear to the right. With a small flat blade screwdriver, release the first clip in the square hole in the lower right corner facing you.  
 (See Photo 2)



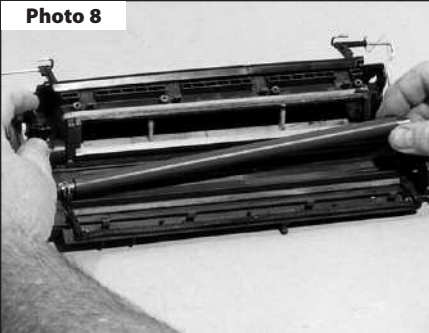
Photo 7



**Step 7**

Now, work your way around the cartridge, carefully prying the two halves apart. Separate the waste hopper from the toner hopper. Toner will spill everywhere. (See Photo 7)

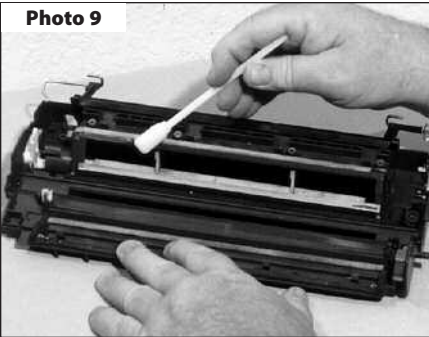
Photo 8



**Step 8**

Remove the toner mixing drive gear and PCR from the toner hopper and set them aside. Dump the toner out and clean thoroughly with a vacuum or compressed air. (See Photo 8)

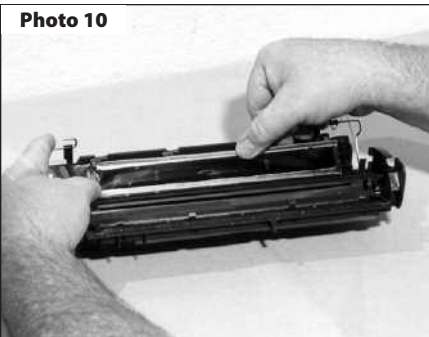
Photo 9



**Step 9**

A new seal has to be installed before the toner hopper can be filled with toner. Remove the fill plug and clean the surface to be sealed with cotton swabs and alcohol. (See Photo 9)

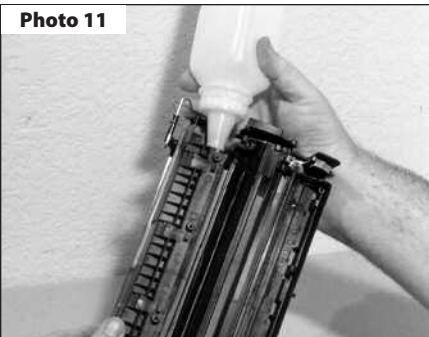
Photo 10



**Step 10**

Remove the non-stick backing from the adhesive seal and lay in place with the tail away from the plug end. (See Photo 10)

Photo 11



**Step 11**

Fill with toner using a funnel cap bottle and re-install the plug in the toner hopper. (See Photo 11)

**NOTE 2**

If the two halves of the cartridge were sealed together with sealant, see Appendix B. If the toner and waste hoppers are sealed with foam, continue to Step 12.

**Notes**

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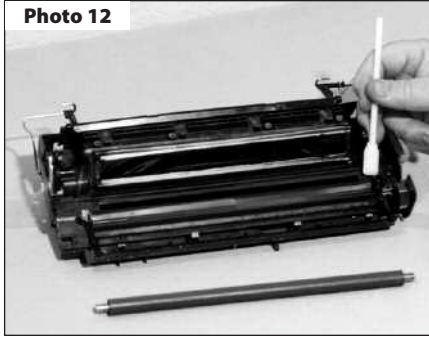
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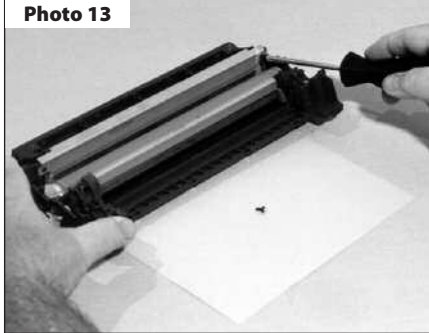
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## Notes

**Photo 12****Step 12**

Re-install the toner mixer drive gear. Clean the PCR with a damp cloth (or Nu-Finish if preferred) and allow to dry. Clean the PCR saddles with a cotton swab and alcohol and re-install the PCR. Set the toner hopper aside until step 25.

*(See Photo 12)*

**Photo 13****Step 13**

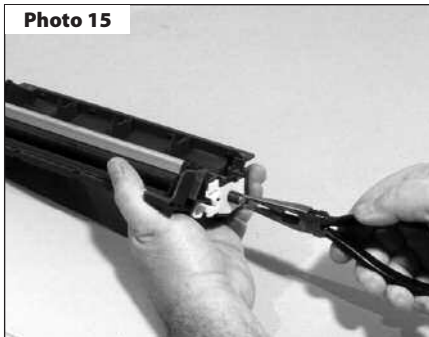
Using your #1 Phillips screwdriver, remove the two screws holding the wiper blade to the waste hopper, then remove the wiper blade.

*(See Photo 13)*

**Photo 14****Step 14**

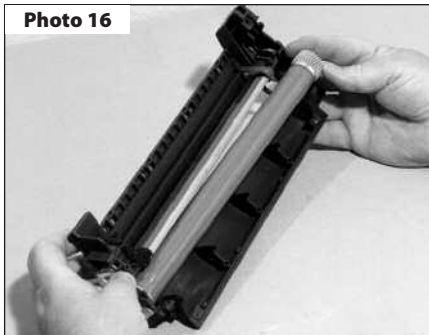
Thread SX screw into the drum axle on the gear end. Grip the screw head tightly with needle nose pliers and pull it out using a side-to-side motion.

*(See Photo 14)*

**Photo 15****Step 15**

Rotate the waste hopper end-for-end and grasp the other drum axle at the notches provided. Pull the axle straight out.

*(See Photo 15)*

**Photo 16****Step 16**

Remove the drum, wrap it in protective cloth or paper, and set it aside until step 22.

*(See Photo 16)*



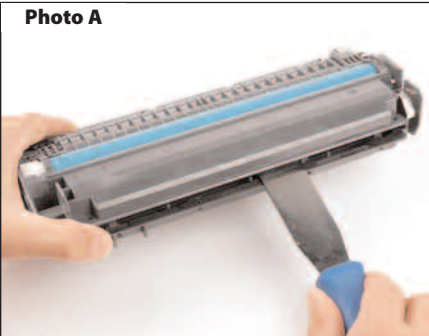


**Appendix A**

The new style cartridge is sealed with sticky sealant. It is difficult to separate the sealed surfaces deep inside of the cartridge. There is no direct access to them with the prying tool and it is easy to damage the cartridge if applying too much force on the outside edges of the cartridge. It is useful to look at the separated cartridge and see where and how deep you can insert the prying tool so not to damage doctor blade, mag roller or PCR. You will less likely damage the cartridge using a Putty Knife with stiff blade 1 1/4 inches wide as a prying tool than with a screwdriver.

**Note:** It will be easier to separate the cartridge if you remove the drum cover.

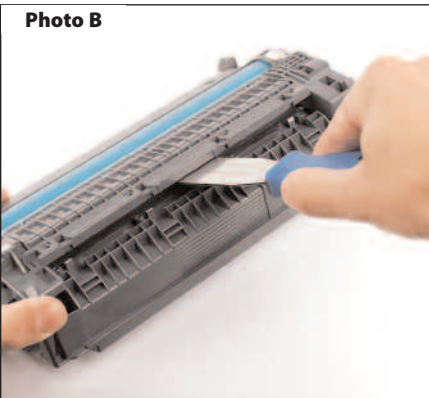
**Photo A**



**Step A**

First, insert the putty knife blade between the two halves of the cartridge on the waste hopper side and slowly pry them apart. Some toner will spill out on the sealant and they will not stick back together. (See Photo A)

**Photo B**



**Step B**

Then insert the putty knife blade between the two halves of the cartridge on the toner hopper side of the cartridge and slowly pry them apart, separating the outer sealing surfaces. Some toner will spill out and cover sealant to prevent it from sticking back together.

Insert the putty knife approximately one inch deep to get better leverage and pry apart, separating internal sealing surfaces. Don't go too deep or you'll damage doctor blade and mag roller. Apply steady force SLOWLY. (See Photo B)

Repeat Step A if necessary. Do not apply too much force or you will damage the cartridge.

Separate the waste hopper from the toner hopper. Toner will spill everywhere.

Go to the Step 8 to continue remanufacturing process.

**Appendix B**

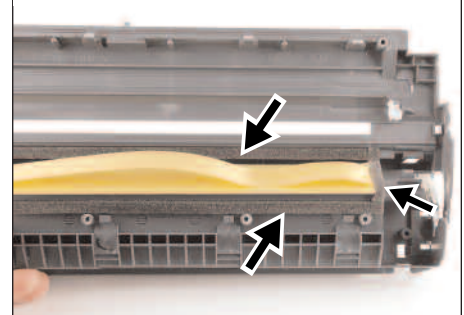
**Step C**

Remove all sealant residues from the cartridge. Clean the sealing surfaces with isopropyl alcohol and lint free cloth. Remember their position.

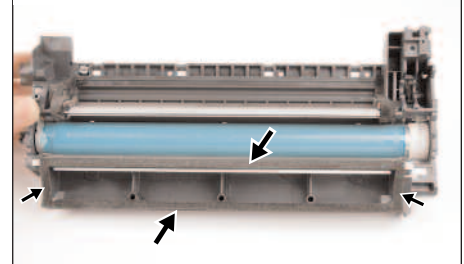
**Step D**

Use EX or HP4000 Rail Foams to seal the cartridge. Apply them on the sealing surfaces, cutting them to size and creating two sealing gaskets around the toner and waste hoppers (See Photo C and D)

**Photo C**



**Photo D**



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