

## **Xerox 4250 / 4260 Toner Cartridges...** 106R1409 – Toner Cartridge Refilling Instructions for Xerox WorkCentre 4250, & 4260

The Xerox WC 4250 & 4260 models followed on the heels of the rather popular 4150. These machines have proven to be reliable although supply costs have been higher than most dealers anticipated. Extremely similar to the earlier 4150's, the toner cartridges are refillable and they represent one of the best places to add value to these machines. This month, we'll compare these newcomers to their predecessors and take one apart to see just how simple they are to refill.

The 4150 used the Toner Cartridge 6R1275 which has a stated yield of 20K and at last check was retailing for \$132.99. The newer pair of models: 4250 / 4260 use a different part number 106R1409 which has a stated yield of 25K. These list for \$153.-. Cost for a refill kit is approximately 1/3 the retail price of a new cartridge and as you'll see, the refilling procedure is very simple... These cartridges are worth refilling.

The Toner Reset Connector or "CRUM" (Customer Replaceable Unit Monitor) on this newer cartridge type gets away from the RF (Radio Frequency) type of chip which the 4150 employed. That is probably a good thing because they were a bit flaky. On the 4250/4260, the CRUM is a chip with wires coming off of it, and a clear-plastic connector which sticks out of the rear of the cartridge. It is mounted to the rear cover as you'll see in the procedure which follows.

Aside from the CRUM's connector sticking out of the rear of the cartridge, there are other subtle differences between the 4150 and 4250/4260 versions of the cartridges. If you compare the two cartridges side by side, the 4250 has a boxier left side which accommodates about 25% more toner material. Also the 4250/4260 has the fill-hole plug on the front end behind the waste container unlike the 4150 which hid it behind the rear cover. I am told that the toner material itself is NOT interchangeable



Here's a quick step-by-step on the refilling procedure. Many of the photos will look familiar if you've read the 4150 instructional since many things remain the same.

### REFILLING PROCEDURE:

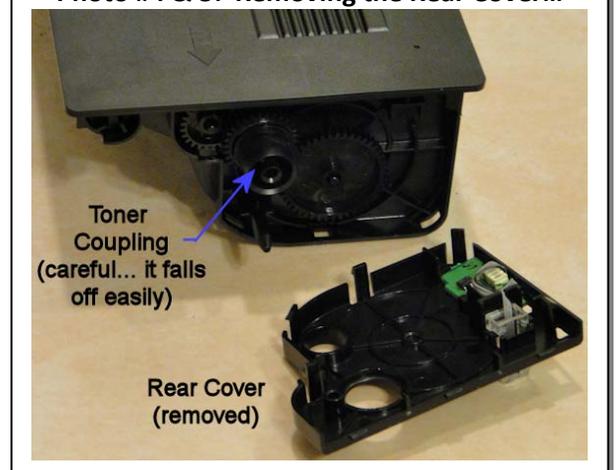
1. Start by removing the Toner Waste Container from the front end of the cartridge. There are two screws from the rear (see Photo #1) & one screw from the front (see Photo #2). Take care... once the Waste Container is off, there are two gears which drive an agitator / paddle inside the Waste Container. The two gears are trapped between the Waste Container and the front end of the cartridge and when you remove the container, they will fall right off and try to escape. See Photo #3... On the earlier 4150 cartridges, some had these two gears and some earlier cartridges did not have them at all.
2. Empty out the Waste Container and vacuum what you can out of there while rotating the paddles and agitators to loosen up as much as material as possible.
3. Remove the Rear Cover by releasing 5 clips. Four along the lower edge of the cover & one on the right near the top (see Photo #4). Be careful and remove the Toner Agitator Coupling which stands out from that rear cover... with the rear cover off, it will fall right off as will the white coupling insert. (see Photo #5)
4. Replace the Toner Reset CRUM which is mounted inside the rear cover. (see Photo #6)



**Photo #3: Location of Extra Pair of Gears found on all 4250/4260 cartridges... Only found on some of the earlier 4150's.**



**Photo #4 & 5: Removing the Rear Cover...**



5. Use a tiny flat-head screwdriver to gently pry the Toner Fill Hole Plug out of the front end of the cartridge without damaging it... if you work your way around the circumference gradually, it'll come out in good condition. If you damage the edges of the plug, it will leak toner after you reassemble things. (see Photo #6)
6. Use a funnel to pour the Refill Toner into the cartridge through the Toner Fill Hole and re-install the Toner Fill Hole's Plug.
7. Re-install the Toner Waste Container (reinstall the two extra gears which fell off earlier)

You're done... nice & easy.

Happy Refilling everyone!

