EASY TO REMANUFACTURE CARTRIDGES
THAT YOU SHOULD BE REMANUFACTURING - PART 2

CANON IR C3200

KONICA MINOLTA
MAGICOLOR 4600

OKIDATA C 8800

SAMSUNG CLP 350

XEROX PHASER 6130

XEROX PHASER 7760

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EASY TO REMANUFACTURE CARTRIDGES THAT YOU SHOULD BE REMANUFACTURING - PART 2

By Mike Josiah and the Technical Staff at UniNet

This is a continuation in a series on easy to do color and monochrome cartridges you may be passing up but shouldn't be. They represent some of the best profit opportunities currently in our industry. These cartridges are all very simple, and with a good majority of them there is nothing to test! Training is minimal and in all cases the time needed to do them is very small. For the purposes of these articles, we will not be going in depth but to be honest there really is no need. Some use chips while some do not. Some have waste chambers and others are purely a supply hopper. All of this will be covered.

CANON IR C3200 SERIES

The cartridges are rated for 25,000 pages Black and Color. The OEM cartridge part numbers are 7629A001AA Black, 7628A001AA Cyan, 7627A001AA Magenta, and 7626A001AA Yellow. All are GPR-11 cartridges. There is a chip that has to be replaced each cycle.

1. Take a long common (flat) screwdriver and insert it into the top two holes on the label end cap. Place the edge of the screwdriver against the plastic weld and snap the weld off in both places. This may have to be done multiple times from different angles.

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2. Remove the Cartridge ID label from the end cap.

3. Remove the two remaining welds in the same manner as Step 1.

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4. Remove the end cap

5. Remove the fill plug and clean out all remaining toner.

6. Fill the hopper with new Canon C3200 toner and replace the fill plug.

7. Install the end cap on the cartridge. An easy way to do this is to place four drops of hot glue on the four broken posts. Quickly place the end cap on before the glue dries. If further help is necessary to keep the end cap on, black tape along the seam works well.

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8. Replace the chip from the opposite end of the cartridge. This chip is an RF type that is encased in the same type plastic housing as the HP 4100 chips are. The chip is different though!

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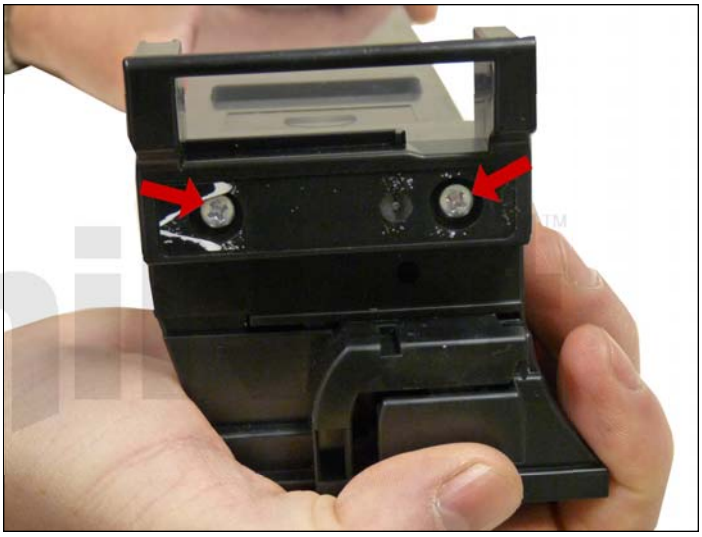
KONICA MINOLTA MAGICOLOR 4600 SERIES

The Konica Minolta Magicolor 4600 Series cartridges are rated for 8,000 pages. The OEM numbers are A0DK132 Black, A0DK432 Cyan, A0DK332 Magenta, and A0DK232 Yellow. There is a chip that must be replaced every cycle.

1. Peel the label off the end cap.



2. Remove the two screws.

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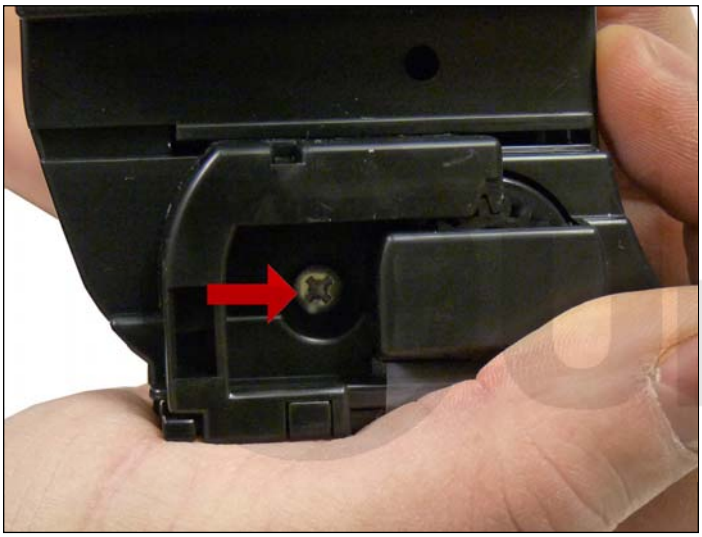
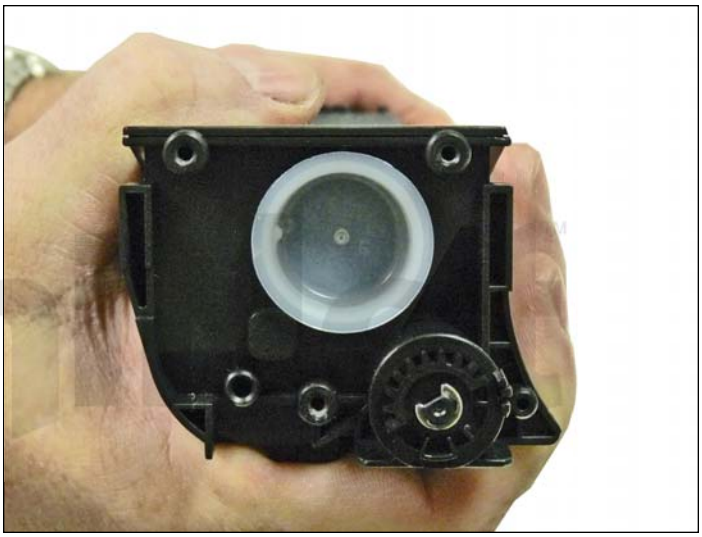


3. Slide the port cover over and remove the third screw.

Remove the end cap.



4. Remove the fill plug and clean out any remaining toner.

This fill plug is very soft. Be careful not to put a hole in it.

5. When a seal is available, install it now.

6. Turn the cartridge so the port opening is facing up and fill the cartridge with dedicated MC 4600 color toner. Replace the fill plug.

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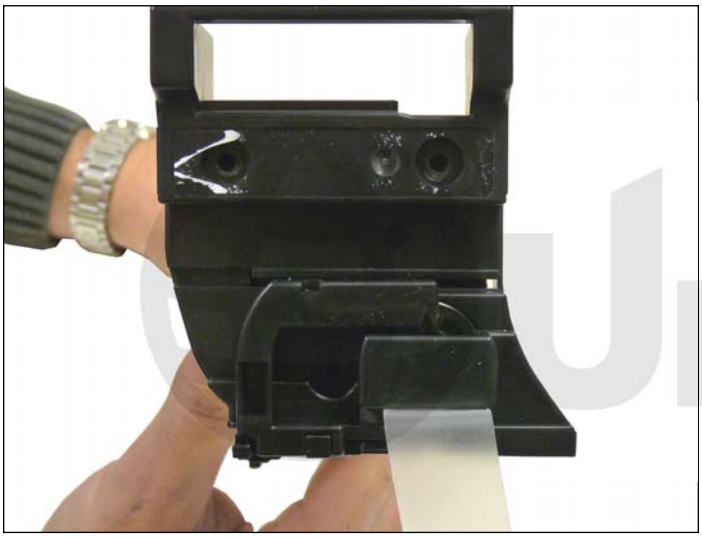
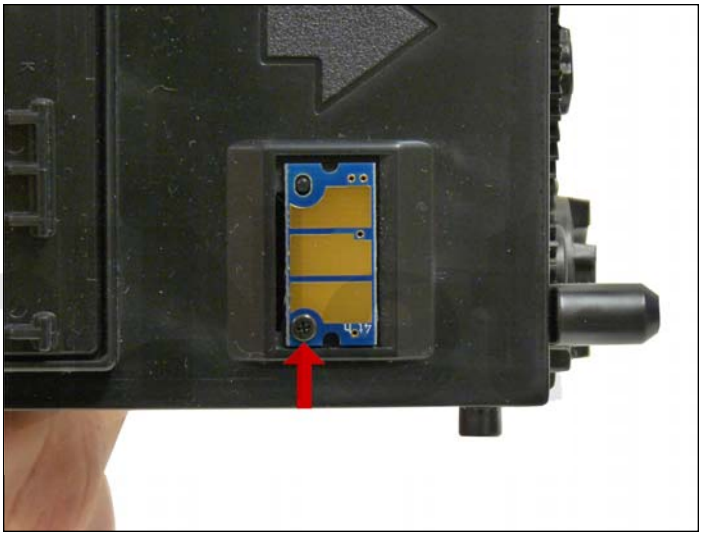


7. Install the end cap on the cartridge.

If a seal was installed, thread it through the slot. Set the port drive gear as shown and make sure it meshes properly.

8. Install the three screws and install the label.



9. Remove the screw on the chip. Replace the chip.

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10. If a seal tab is available, install it on the seal and insert it into the cartridge as shown.

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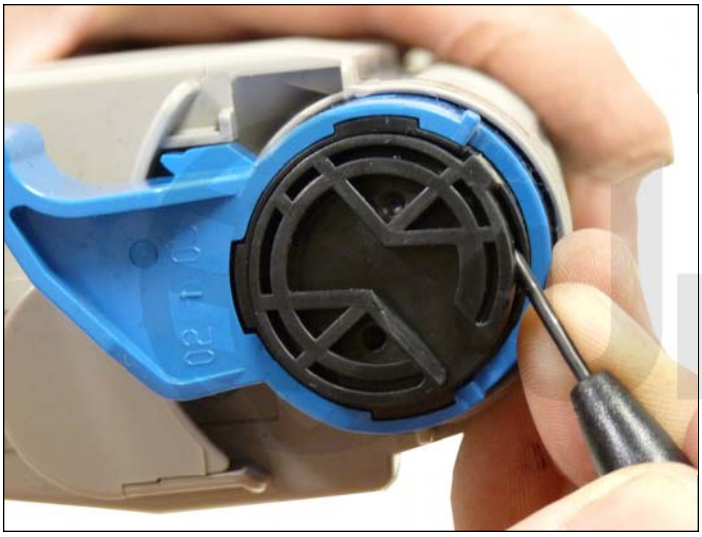
OKIDATA C8800

The Okidata C8800 cartridges are rated for 6,000 pages. The OEM numbers are 43487736 Black, 43487735 Cyan, 43487734 Magenta, and 43487733 Yellow. There is a chip that must be replaced every cycle.



1. Remove the fill plug using a small jeweler's screwdriver.

2. Press down on the locking tab of the blue handle. Rotate the handle to open the toner port. Vacuum/blow out any remaining toner.

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3. Carefully pry off the gear cover with a small jeweler's screwdriver.

4. Cut the waste hopper seal just past the small white gear.

Remove the seal. Dump out the waste toner and vacuum/blow out any remaining toner.

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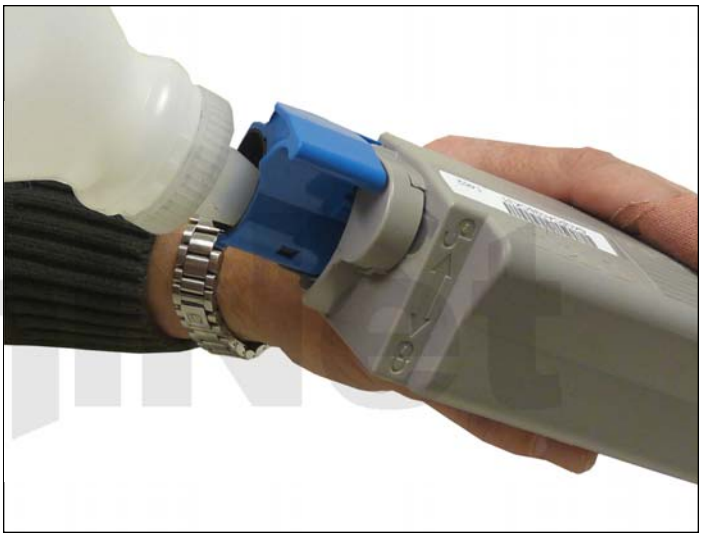
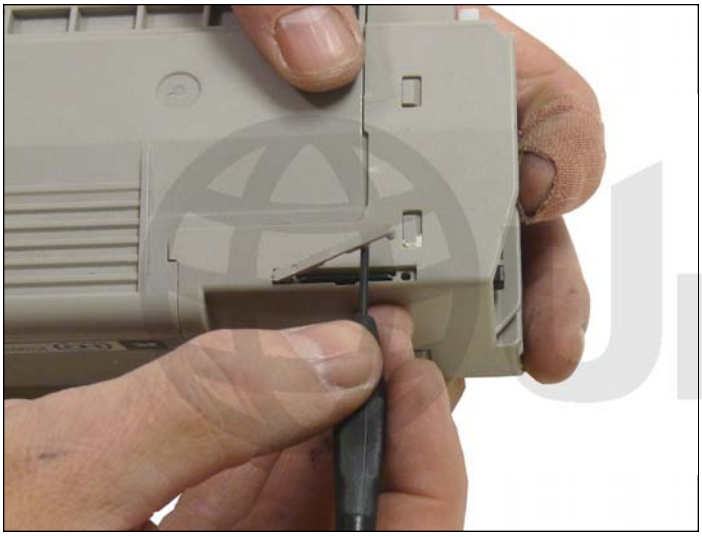
5. Replace the seal on the waste chamber. Install the gear cover and turn the blue handle so that the toner port is closed.



6. Fill the hopper with the appropriate Okidata C8800 color toner. Replace the fill plug.



7. Carefully pry-up the chip cover from the hopper. It is best to remove the end closest to the edge of the cartridge first to help prevent any damage to the cover tabs.

8. Remove the old chip and install the new. Be sure to keep the component side up when replacing the chip.

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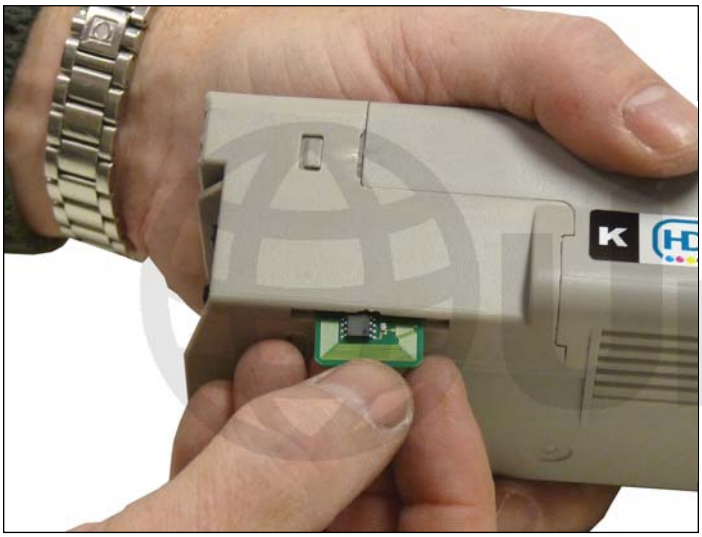

9. Snap the chip cover back in place.

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SAMSUNG CLP-350

The CLP-350 cartridges are rated for 4,000 pages Black and 2,000 pages Color. The OEM cartridge part numbers are CLP-K350A Black, CLP-C350A Cyan, CLP-M350A Magenta, and CLP-Y350A Yellow. There is a chip that has to be replaced each cycle, and the cartridge itself has to be modified slightly in order to refill it.

1. In order to clean and fill the cartridge, a hole must be drilled or melted into the cartridge. The hole cannot be placed at the top of the cartridge, as that will cause cartridge problems. The Black cartridge (left photo) should have the hole placed on one of the flat sides. The color cartridges (right photo) should be between 1 and 3 o'clock position or in the top right quarter.

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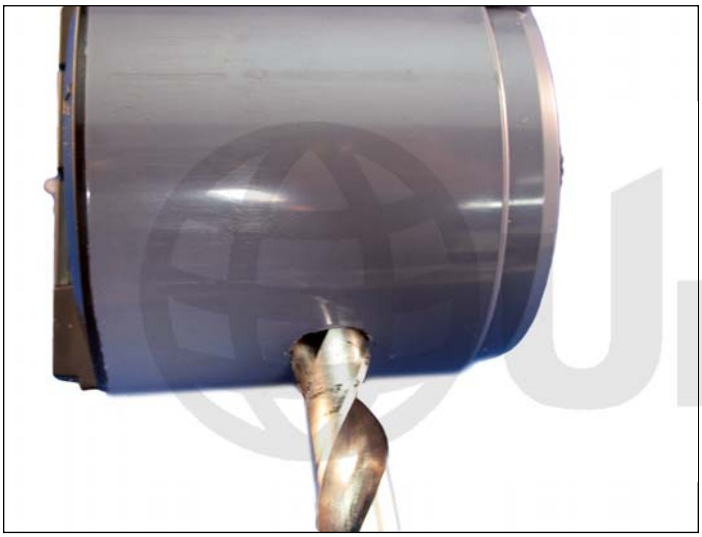

2. The hole can be drilled with a 1/2" drill bit or melted with a soldering iron. If it is drilled, great care must be taken to get all the shavings out. If it is melted, the outer edge of the hole has to be shaved flat with a razor blade. Clean out all the remaining toner/shavings thoroughly.

3. Insert a small funnel into the hole and fill with new CLP-350 toner.

4. Cover the hole using a small piece of tape. Make sure the seal is tight and that there are no leaks. Also make sure the tape/label does not extend to the top of the cartridge as it is installed. This area has a very tight fit and the seal may be torn off as the cartridge is installed.

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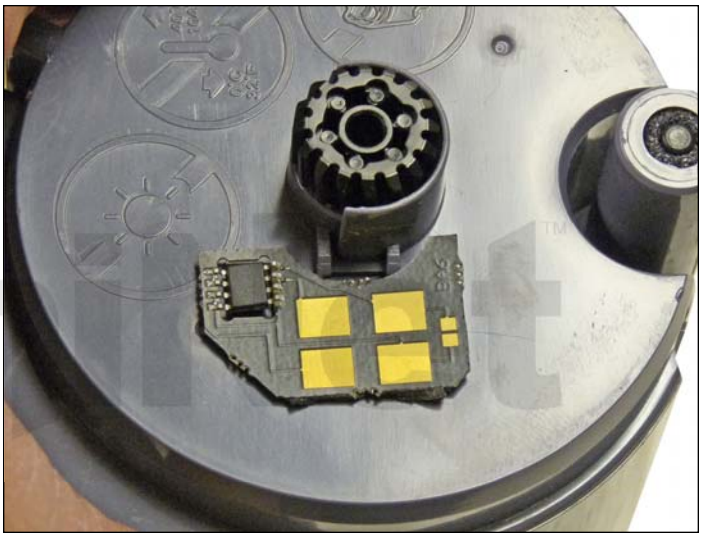

5. The OEM chip is not removed. A new chip is placed over it.

Peel off the adhesive backing on the chip and place it over the OEM.

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XEROX PHASER 6130

The Phaser 6130 cartridges are rated for 2,500 pages black and 1,900 pages color. The OEM numbers are 106R01281 Black, 106R01278 Cyan, 106R01279 Magenta, and 106R01280 Yellow. There is a chip that must be replaced every cycle.

1. Remove the black tape from the seam of the supply hopper and the waste chamber. Save the tape for use when re-assembling the cartridge.

2. Press in on the two tabs of one side as shown to release the waste chamber. It is sometimes helpful to press back on the waste chamber as the tabs are pressed in.

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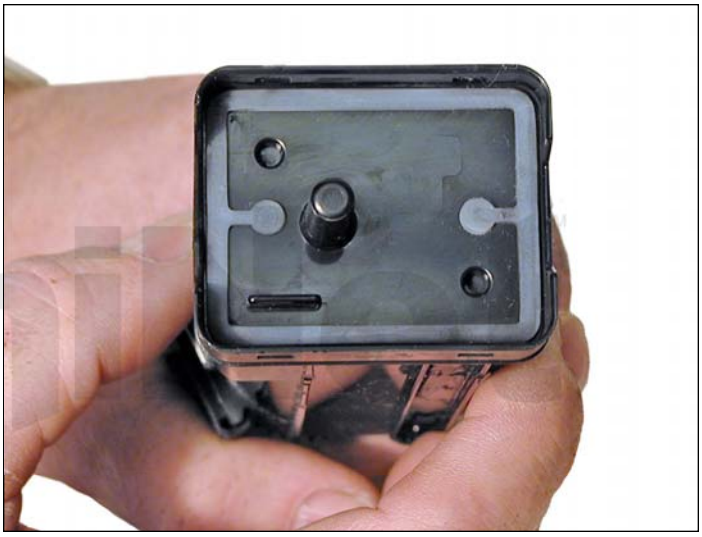
3. Remove the supply hopper cover. Clean out any remaining toner from both chambers.

4. Fill the hopper with the appropriate color toner. Remember: while the cartridges all look the same, they are not interchangeable. Each color has a different set of plastic tabs.



5. Clean the plastic lip where the hopper cover sits of any toner. Replace the cover.

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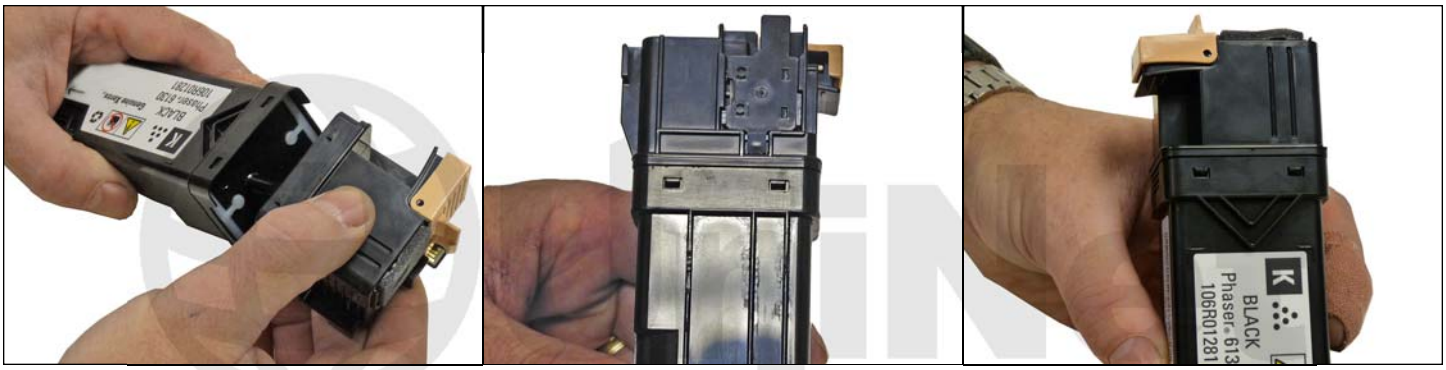
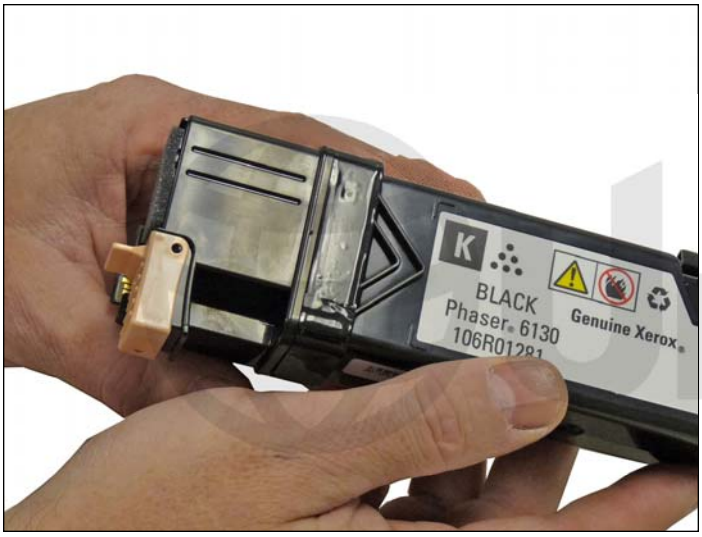
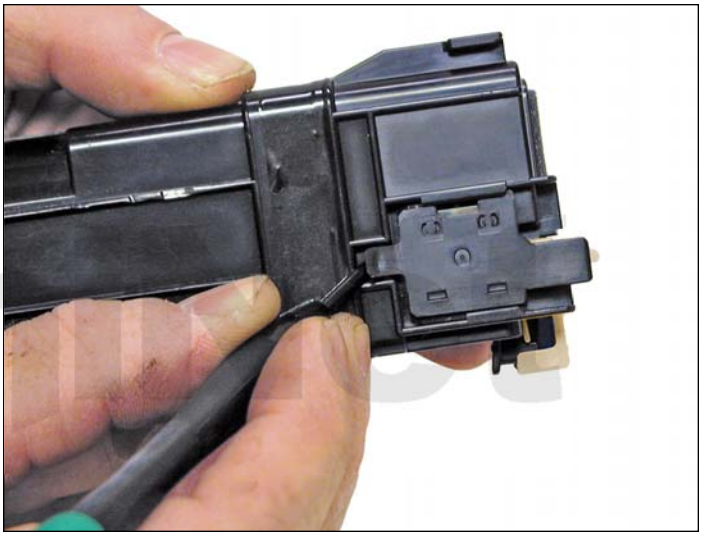


6. Install the waste chamber on to the supply hopper.

Make sure all four tabs are locked in place.



7. Re-install the black tape seal across the seam. If the OEM tape is not useable, good black rubber electrical tape (NOT vinyl type) will work fine (toner will stick to anything made from vinyl).



8. Carefully pry-up the plastic chip holder tab.

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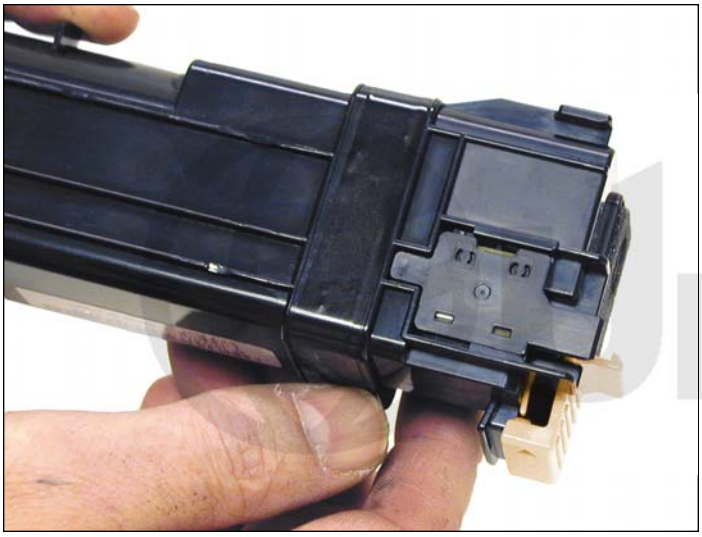
9. Slide the holder out of the cartridge and replace the chip.



10. Slide the holder back in place until the tab locks in place.

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XEROX PHASER 7760

The Phaser 7760 cartridges are rated for 32,000 pages Black and 25,000 Color. The OEM numbers are 106R01163 Black, 106R01160 Cyan, 106R01161 Magenta, and 106R01162 Yellow. There is a chip that must be replaced every cycle.

1. Remove the tape from the colored end cap.

2. Remove the end cap.

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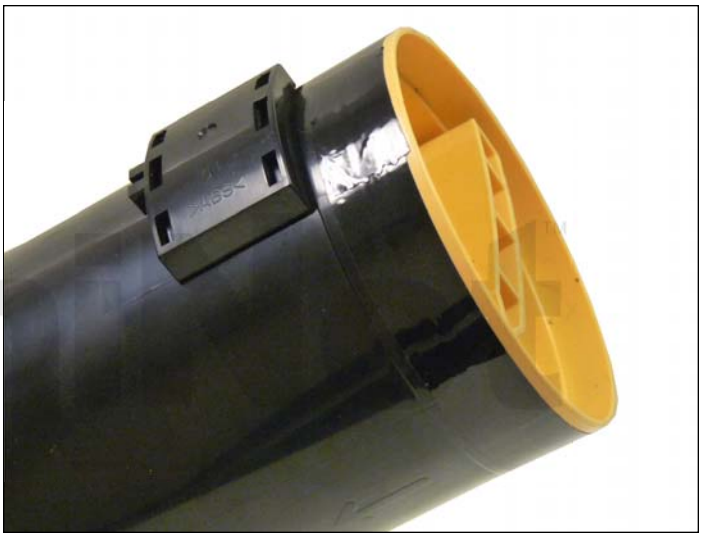
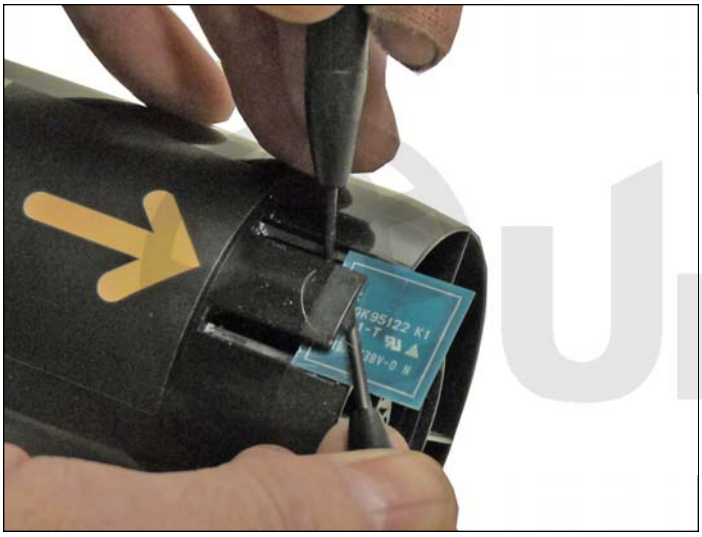
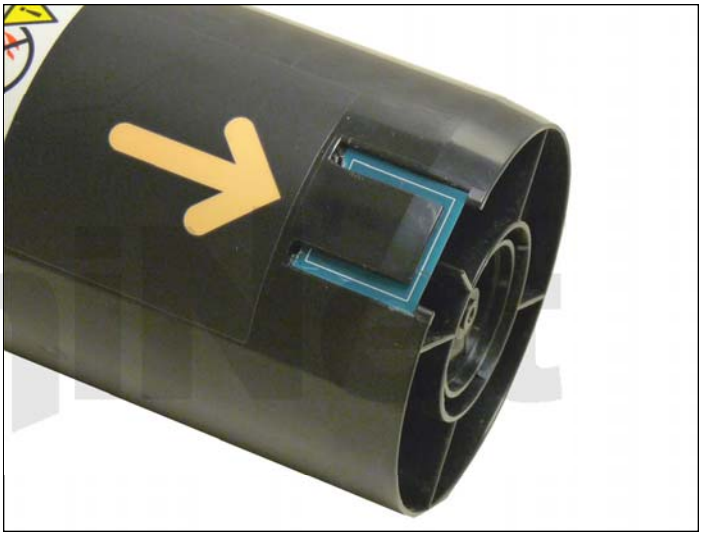
3. Vacuum the tube clean and fill with new Phaser 7760 toner.



4. Replace the end cap. Replace the tape.





5. Replace the chip by prying up the center tab while using a small screwdriver to move the chip out.

Install the new chip component side down. Make sure the two edge tabs lock the chip in place.

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