UniNet IMAGING INC.

Absolute COLOR® • Absolute BLACK® • Unidrums® • Unirollers® • Uniparts® • Unicoatings®

KONICA MINOLTA® PAGEPRO 1400W CARTRIDGE REMANUFACTURING INSTRUCTIONS

KONICA MINOLTA® 1400W COLOUR LASER PRINTER

CMYK TONER CARTRIDGES

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KONICA MINOLTA PAGEPRO 1400W CARTRIDGE REMANUFACTURING INSTRUCTIONS

PRINTER TECHNICAL DATA

Model specific features	Print speed: Up to 16ppm Resolution: Up to 1200 x 600 dpi
Printing Process	Print method: Electro photographic laser printing system First page out: 13 seconds Warm-up time: 21 seconds Monthly duty cycle: 9,000 pages
Host system requirements	Minimum: 333 MHz or higher Celeron class PC with 128 MB free disk space and RAM Specified: 64 MB (98SE / ME / 2000P), 128 MB (XP)
Interface support	USB 2.0 (High-Speed) supporting Microsoft® 'Plug and Play'
Operating system compatibility	Windows® XP/2000/ME/98SE
Paper handling	Paper input: 150-sheet multi-purpose tray Paper output: 100-sheet face-down output tray Paper sizes supported: Power consumption (220V/240V): Max < 900 W; average < 390 W; sleep mode: < 8 W
Consumables	Printer ships with installed start-up toner cartridge (yield up to 1,000 pages) Replacements consumables: • Toner: 2,000 pages at 5% coverage (declared yield value in accordance with ISO/IEC 19752) OEM cartridge part number: 9J04203 (USA), 9J04202 (Euro), 9J04201 (Japan), 9J04205 (Asia) • OPC drum cartridge 20,000 pages OEM Drum part number: 4519401

TOOLS REQUIRED

Hook Tool (angled and straight)
Phillips Screwdriver
Flat-head Screwdriver (small and standard size)
X-Acto knife
Tester
Toner grabber
Cotton tip swap
Compressed air

REQUIRED SUPPLIES

Minolta Pagepro 1400 W Absolute Black® toner 22 lb (10 kg) bag (optional)
Minolta Pagepro 1400 W Absolute Black® toner 70g
Minolta PagePro 1400 doctor blade, 10 pack (optional)
Minolta 1300, 1350, 1380, 1390, 1250 blue cartridge handle, 10 pack (optional)
Minolta PagePro 1400 Unidrum® OPC with gears
Minolta Pagepro 1400 W Smartchip® 9J04201 (Japan) (under development)
Minolta Pagepro 1400 W Smartchip® 9J04203 (US)
Minolta Pagepro 1400 W Smartchip® 9J04205 (Asia) (under development)
Minolta Pagepro 1400 W Smartchip® toner cartridge (Europe)
Destillate water
99% Isopropyl Alcohol
Drum lubricant
Conductive Grease
Friction Grease
Several chemical solutions

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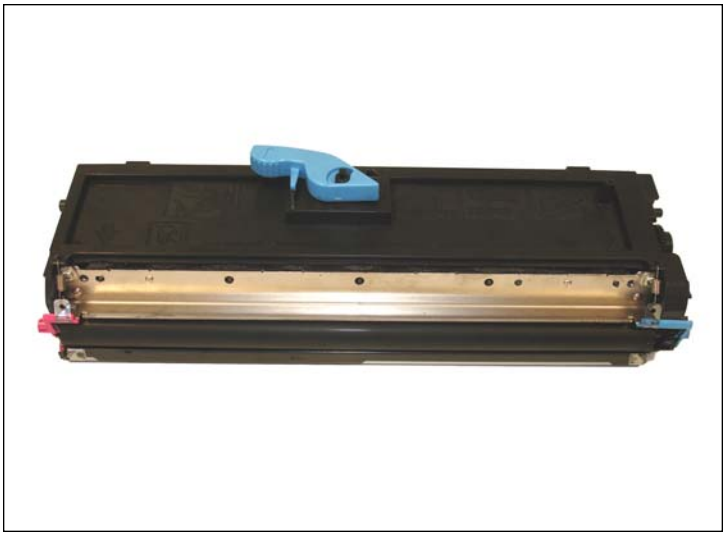
OPEN FRONT COVER PRINTER VIEW WITH CARTRIDGE INSIDE



CARTRIDGE FRONT VIEW

CARTRIDGE GEAR SIDE VIEW

CARTRIDGE CONTACT SIDE VIEW

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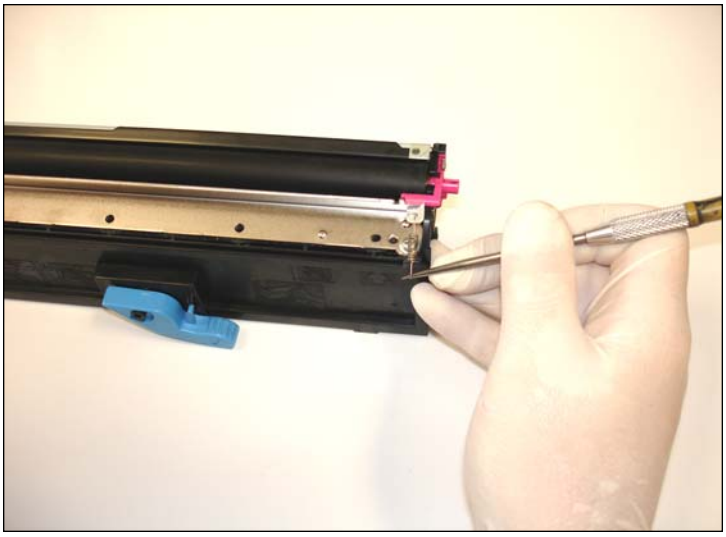
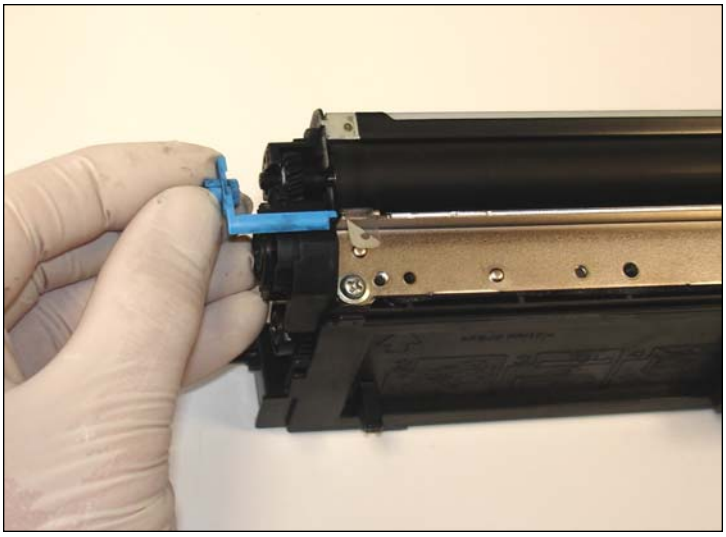
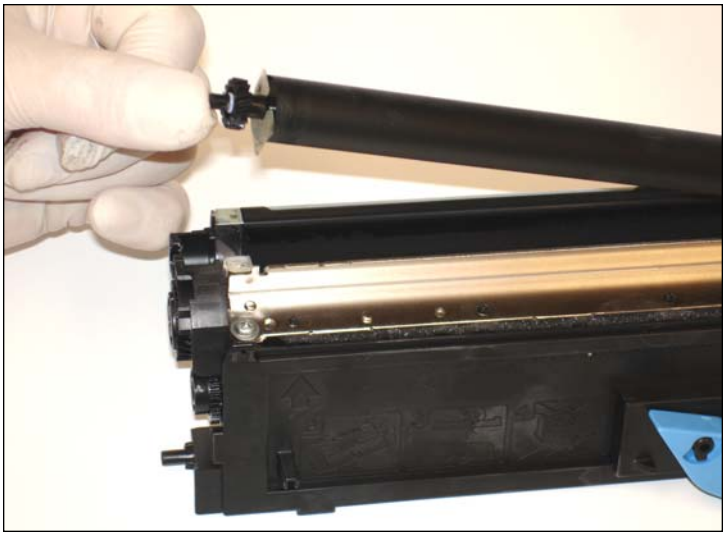
1. Remove the hopper fill plug and dump the remaining toner with compressed air. We don't recommend using a vacuum cleaner with a plastic nozzle or a non earth compressed air device since it could generate electrostatic charges.



2. Release both springs on each extreme of the doctor blade using a spring hook tool. Use a small screw driver to remove the pink plastic develop roller stabilizer, too.



3. Free now the blue plastic stabilizer of the other side of the develop roller. There is no difficulty when extracting.



4. Take out the develop roller by its left part reminding the position of the sealing mylars on each extreme of the roller.

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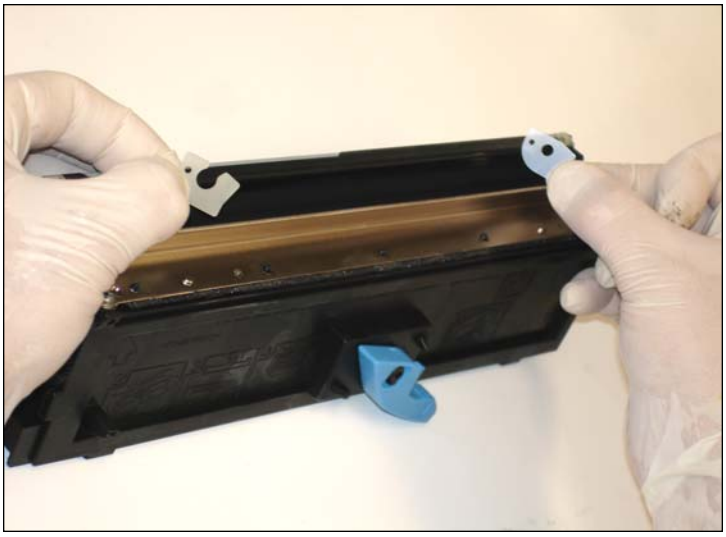
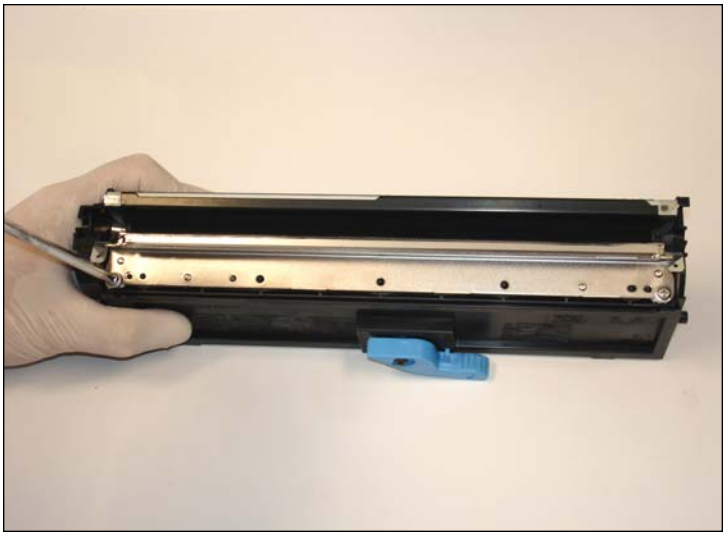


5. Detail of the sealing mylars position. When installing again it must be placed this way.



6. Remove the two screws that fix the doctor blade.

7. Release the doctor blade by lifting it from the left as is showed in the picture. Be careful with the sealing foam under the blade.

8. Use compressed air to clean residual toner from the toner hopper section. Place the foam properly as a bad installation would cause leaking.

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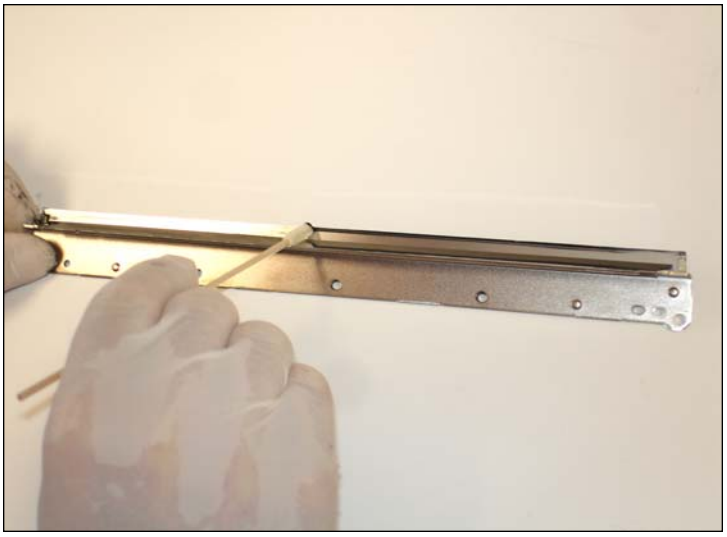
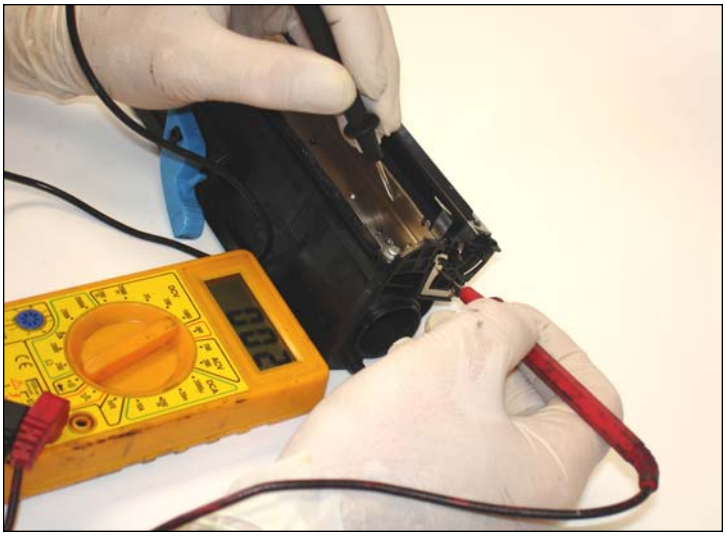


9. Clean the doctor blade with a cotton tip swab with isopropyl alcohol. Toner adhered to the leading edge of the blade must be cleaned.

10. Clean the develop roller with compressed air. Afterwards use a lint-free cotton pad with distillate water (70%) and isopropyl alcohol (30%).

11. Clean the rest of the components of residual toner.



12. Check the electrical continuity with a tester to ensure good contact between the doctor blade and the main contact.

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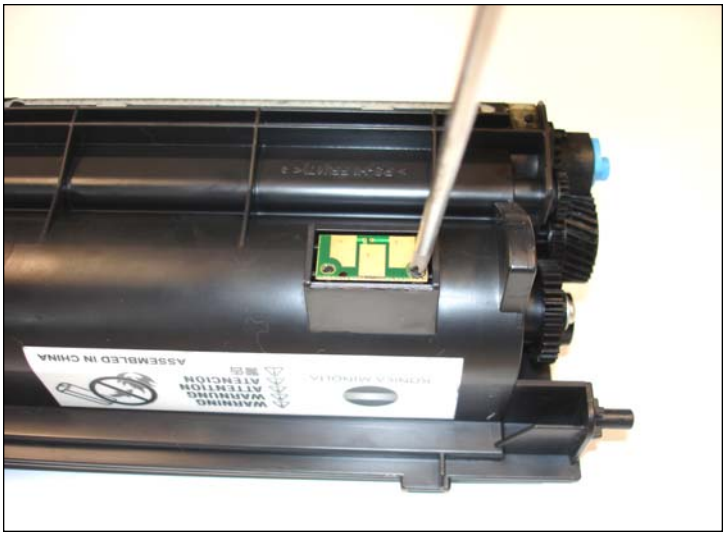
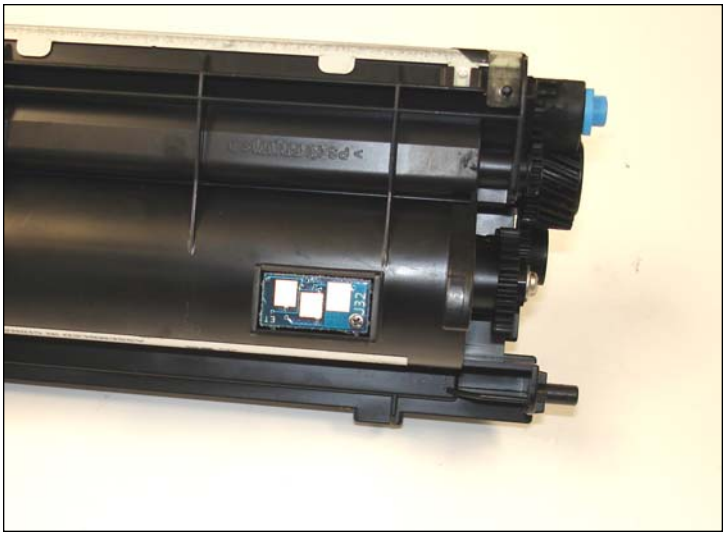
13. Refill the hopper section with toner through the hole. Use a 12mm beak in the bottle and load the proper toner volume.



14. Use a screw driver to remove the small screw that secures the chip.

15. Using an X-Acto knife, carefully cut away the melted plastic tab.



16. Install the Uninet chip and place again the little screw. Finally, install the develop roller cover for shipping.

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