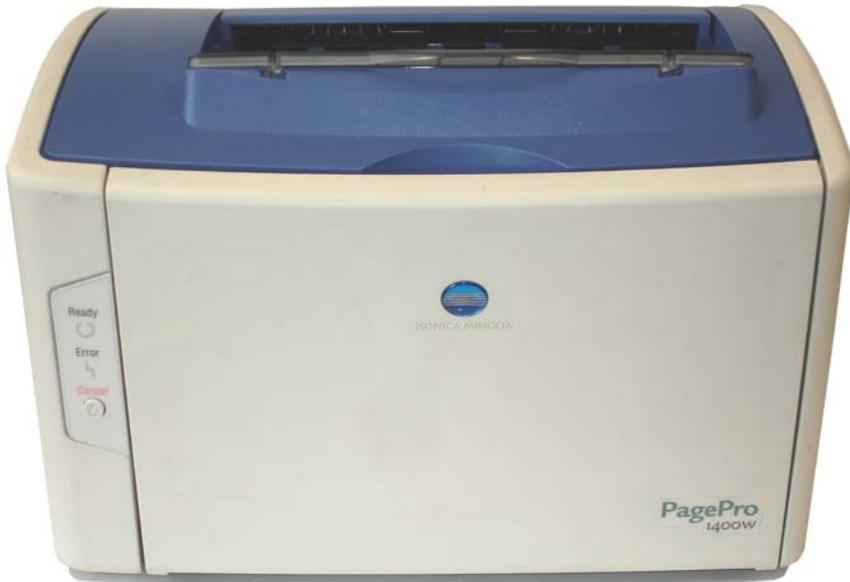


# KONICA MINOLTA® PAGEPRO 1400W CARTRIDGE REMANUFACTURING INSTRUCTIONS



**KONICA MINOLTA® 1400W  
LASER PRINTER**



**TONER CARTRIDGES**

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## 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**



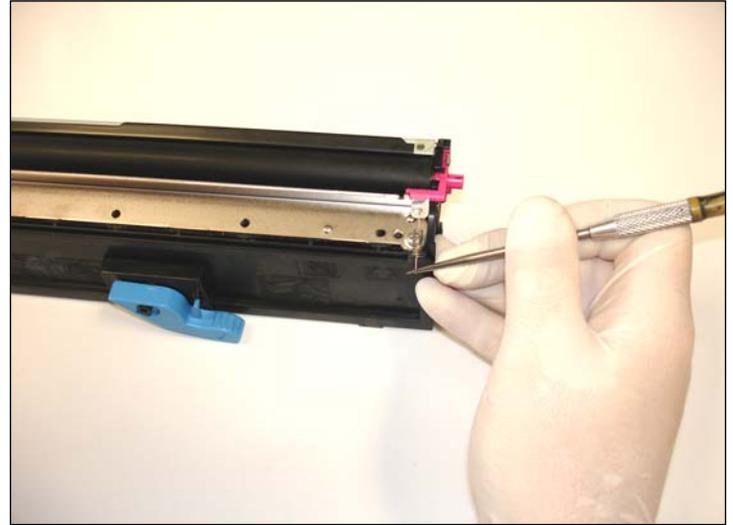
**CARTRIDGE CONTACT SIDE VIEW**

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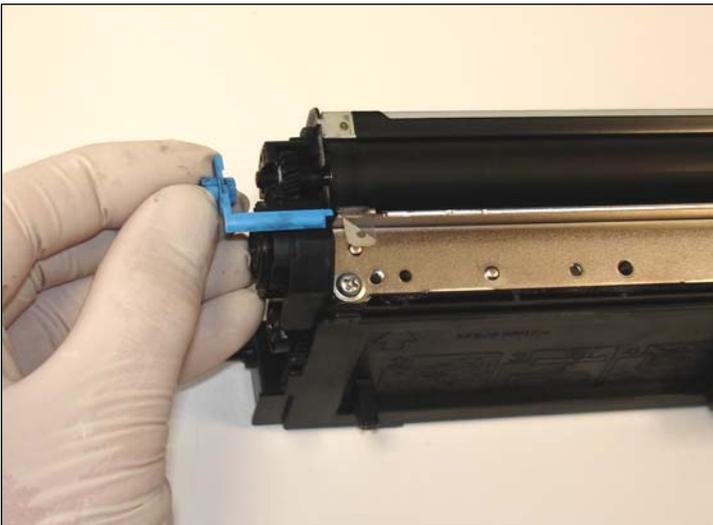
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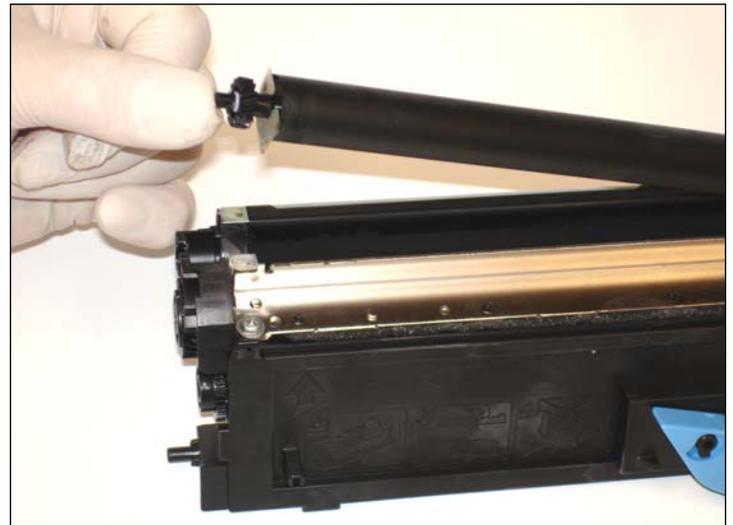
1. Remove the hopper fill plug and dump the remaining toner with compressed air. We don't recommend using a vacuum cleaner with a plastic nozzle or a non earth compressed air device since it could generate electrostatic charges.



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.



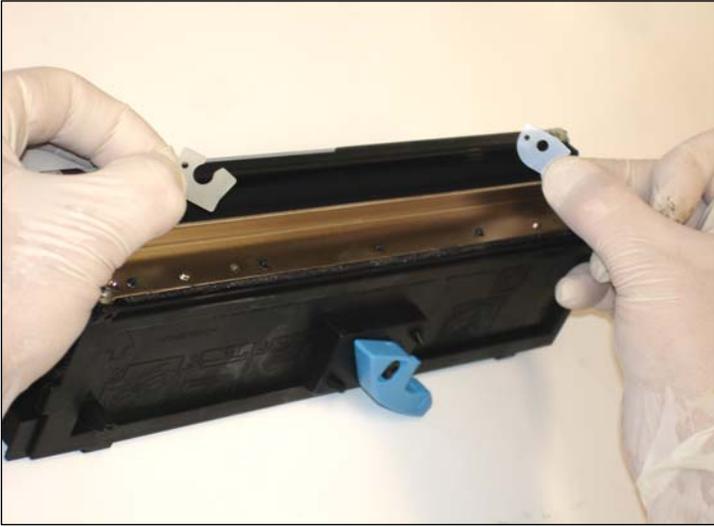
3. Free now the blue plastic stabilizer of the other side of the develop roller. There is no difficulty when extracting.



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.



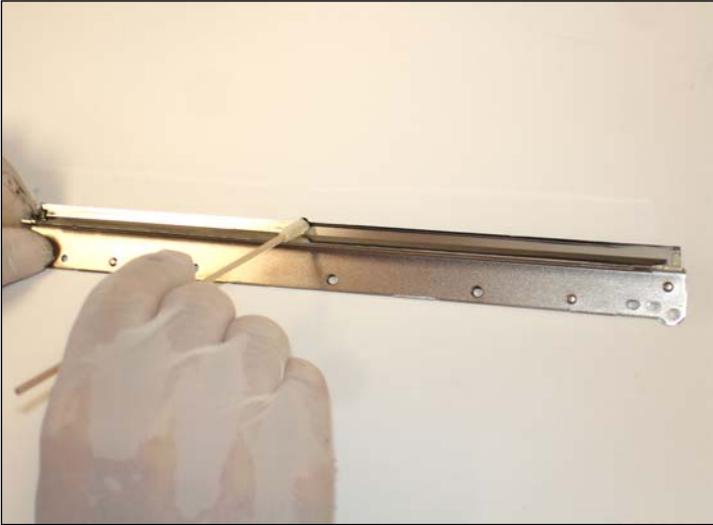
7. Release the doctor blade by lifting it from the left as is showed in the picture. Be careful with the sealing foam under the blade.



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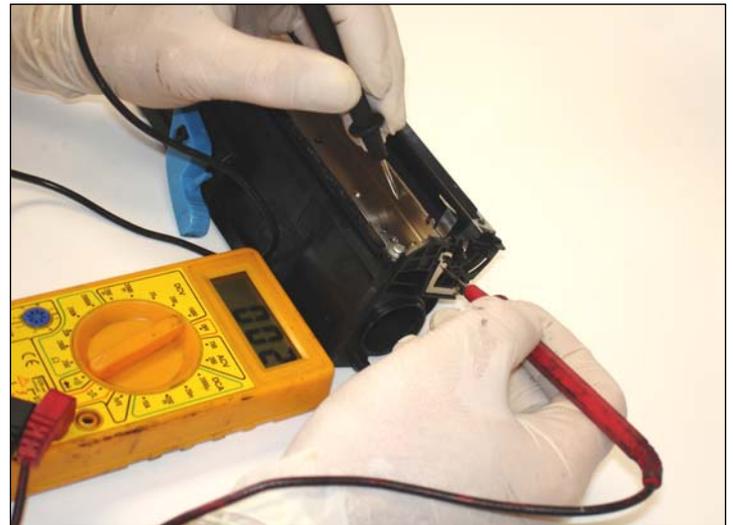
9. Clean the doctor blade with a cotton tip swab with isopropyl alcohol. Toner adhered to the leading edge of the blade must be cleaned.



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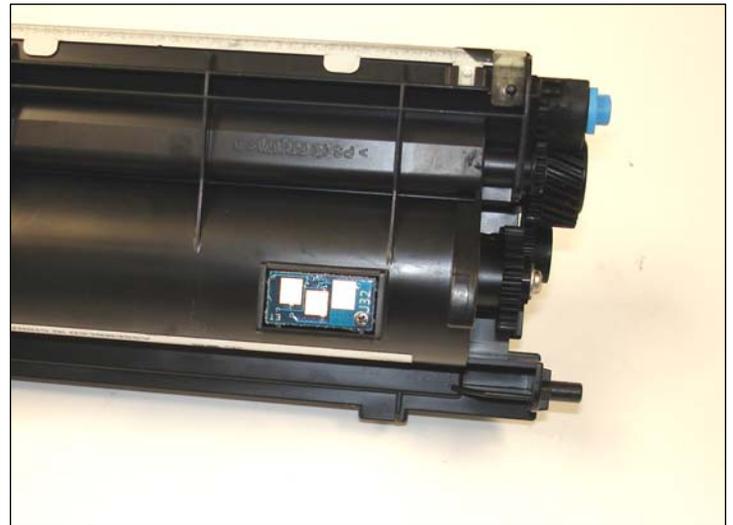
13. Refill the hopper section with toner through the hole. Use a 12mm beak in the bottle and load the proper toner volume.



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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