

KONICA MINOLTA® PAGEPRO 1400W DRUM UNIT REMANUFACTURING INSTRUCTIONS



KONICA MINOLTA PAGEPRO 1400W
DRUM UNIT

REMANUFACTURING THE KONICA MINOLTA PAGEPRO 1400W DRUM UNIT

By the Technical Staff at UniNet

TECHNICAL PRINTER DATA*

Print speed:	Up to 16 ppm.
Print resolution:	Up to 1200 x 600 dpi.
Printing process:	Electrophotographic laser printing system.
First page out:	13 seconds.
Warm-up time:	21 seconds.
Monthly duty cycle:	9,000 pages.
PC hardware requirements:	Minimum: 333 MHz or higher Celeron class PC with 128 MB free disk space.
Specified RAM:	64 MB (for 98SE/ME/2000 Professional), 128 MB (for XP).
Operating system compatibility:	Windows® XP/2000/ME/98SE.
Interface support:	USB 2.0.
Paper handling input:	150-sheet multi-purpose tray.
Paper handling output:	100-sheet face-down output tray.
Maximum paper sizes supported:	Legal.
Power consumption:	Maximum (220V/240V): 900 W / Average: 390 W / Standby: 7 W or less.
Start-up toner cartridge (in box):	1,000 pages at 5% coverage.
Replacement toner cartridge:	2,000 pages at 5% coverage.**
OEM toner cartridge part numbers:	9J04203 (USA), 9J04202 (Europe), 9J04201 (Japan), 9J04205 (Asia)
OPC drum cartridge:	20,000 pages at 5% coverage.
OEM drum cartridge part number:	4519401

*Source: Konica Minolta website. **Declared yield value in accordance with ISO/IEC 19752.

REQUIRED TOOLS

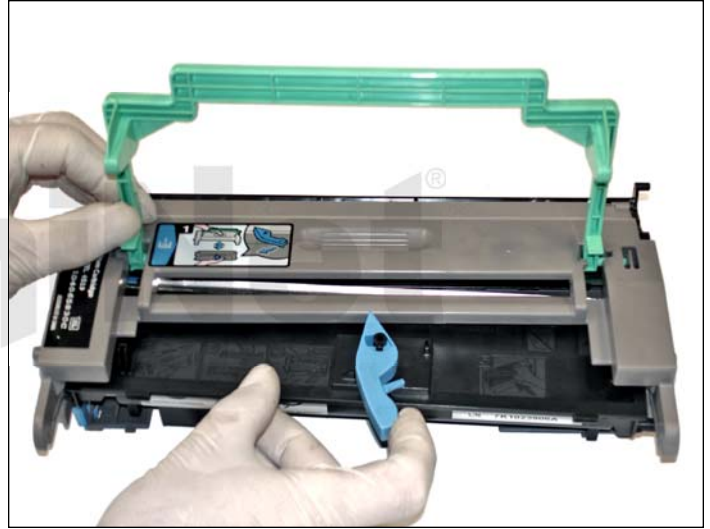
1. Hook tool (angled and straight)
2. Phillips screwdriver
3. Flat head screwdriver (small and standard size)
4. X-Acto knife
5. Electrical continuity tester
6. Lint-free cotton cloth
7. Cotton tip swabs
8. Compressed air

REQUIRED SUPPLIES

1. New OPC drum for use in Konica Minolta PagePro 1400W
2. Distilled water
3. 99% isopropyl alcohol
4. Drum lubricant
5. Conductive grease
6. Friction grease
7. Chemical and cleaning solutions



1. Place the drum unit/toner cartridge with the front side facing you.



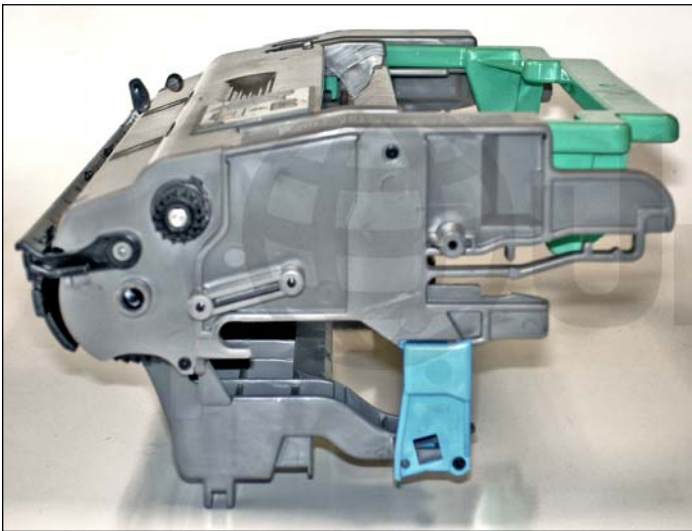
2. Lift up the green handle, turn the blue plastic lever clockwise to the "down" position to release the toner cartridge inside. Remove the toner cartridge by sliding it out.



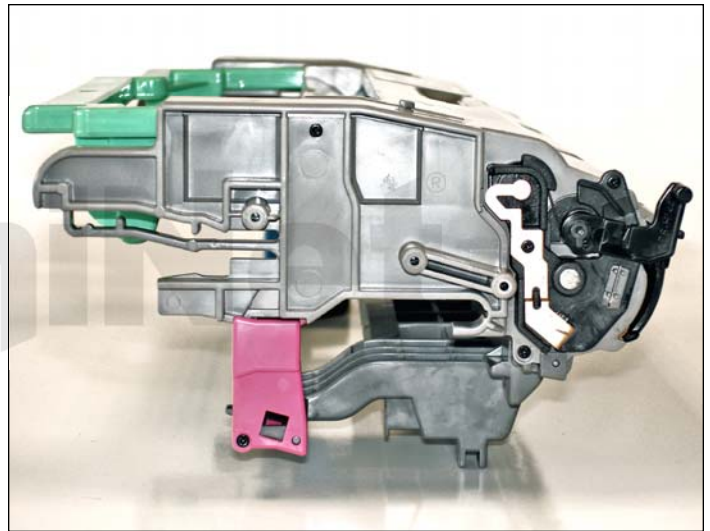
3. Toner cartridge removed.



4. Rear view of drum unit.



5. Gear side with blue plastic fixing arm shown.



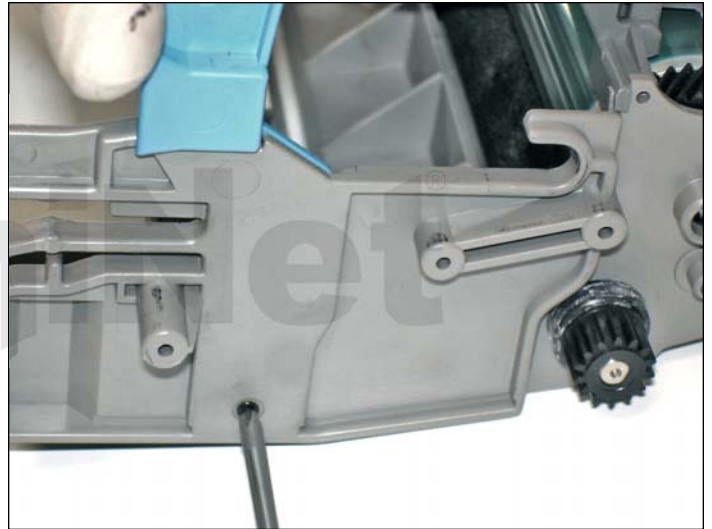
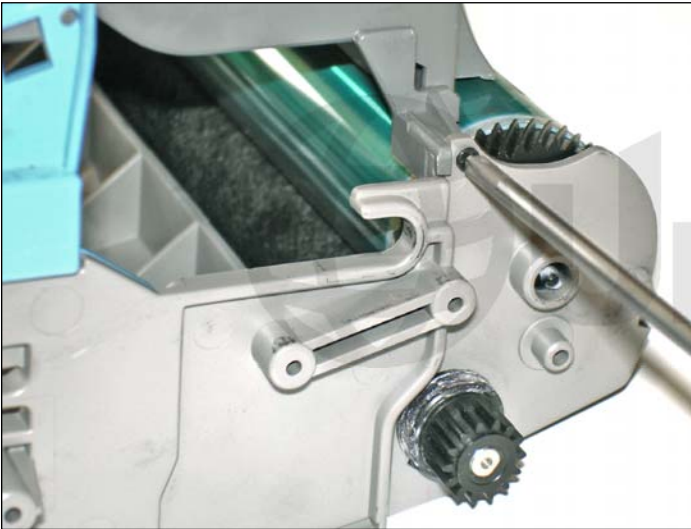
6. Contact side with pink plastic fixing arm shown.



7. Remove the drum shutter, pulling from the contact side.



8. Using a small, flat head screwdriver, lift the drum shutter arm out from the connecting plastic pin to remove it. Do not lose the attached spring!



9. Using a small Phillips screwdriver, remove the two black screws connected to the large fixing arm shown.



10. Remove the fixing arm.



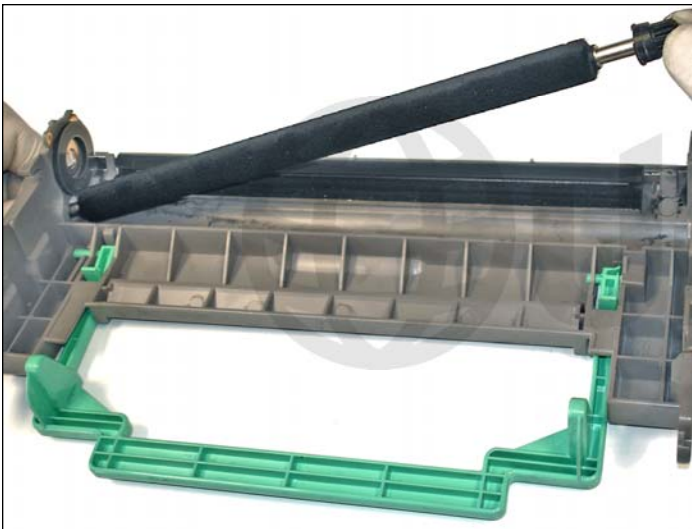
11. Remove the two small black screws from the drum contact plate, and remove the plate.



12. **NOTE:** The silver contact bar connected to the rear of the plate may come loose. Make sure it stays in it's original position as shown, for reassembly.



13. Remove the OPC drum, lifting from the left side.



14. Remove the PCR, lifting from the right side.



15. Clean the waste hopper section with compressed air.



16. Clean the drum contact using a cotton tip swab and isopropyl alcohol. Lubricate the area with conductive grease. Do not over grease!



17. Clean the recovery blade using a clean cotton tip swab and isopropyl alcohol. Be careful not to damage or bend the blade! Doing so, will cause spotting.



18. Clean the PCR brush roller with compressed air.



19. Lubricate the drum gear housing with gear grease.



20. Using a lint-free cloth, lubricate the OPC drum with your preferred lubricant.

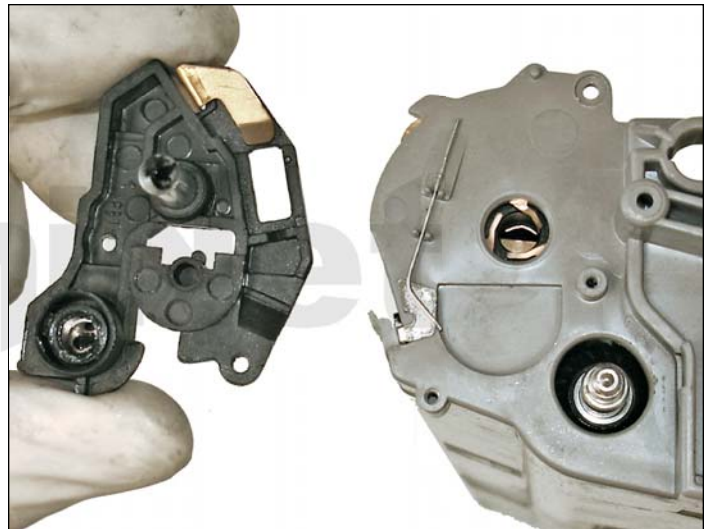


21. Note the PCR bearing.

Do not lose it!

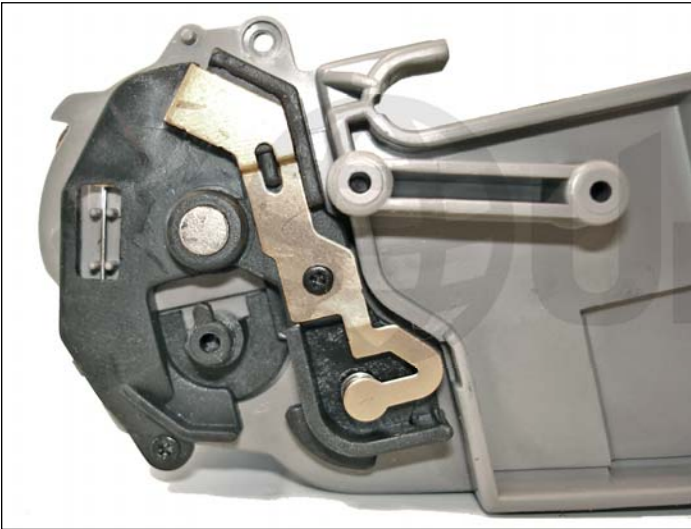


22. Install the drum and PCR.

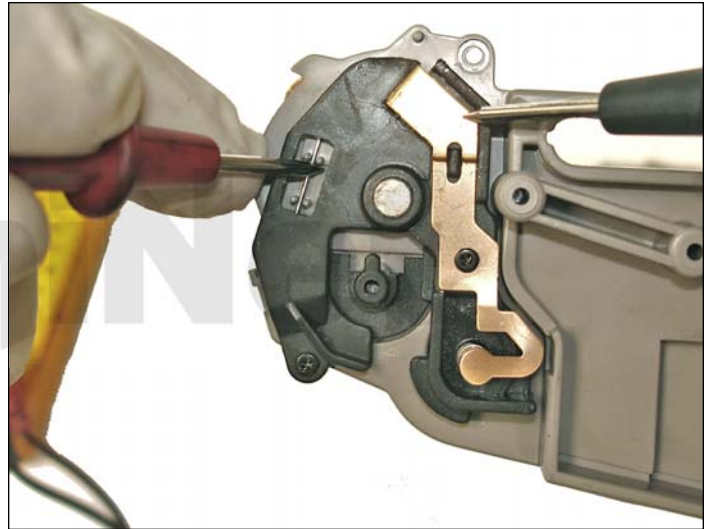


23. Apply conductive grease to the drum plate contacts.

Make sure the silver bar is properly attached.



24. Install the drum contact plate and screws.



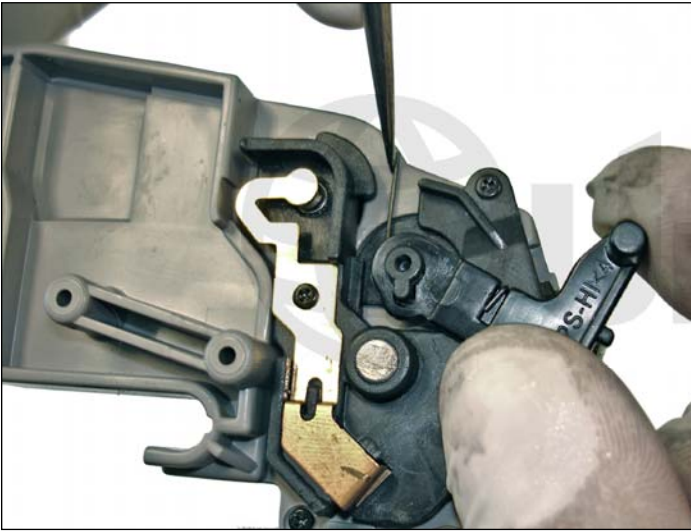
25. Use an electrical continuity tester to ensure good contact between both parts of the contact end plate.



26. Install the fixing arm and two screws.



27. Attach the spring to the drum shutter arm.



28. Install the drum shutter arm, using a spring tool or small flat head screwdriver.



29. Carefully insert the drum shutter from the left side.



30. Drum unit assembly complete.

UniNet®