EPSON ACULASER® C2600
DRUM UNIT REMANUFACTURING INSTRUCTIONS

**EPSON ACULASER® C2600
COLOUR LASER PRINTER**

**EPSON ACULASER® C2600
DRUM UNIT**

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EPSON ACULASER C 2600 DRUM UNIT REMANUFACTURING INSTRUCTIONS

PRINTER TECHNICAL DATA

Part Numbers
AcuLaser C2600N - C11C585001BZ
AcuLaser C2600DN - C11C585001BT
AcuLaser C2600DTN - C11C585001BY

KEY FEATURES

Printing Technology	Laser
Resolution	Epson AcuLaser Colour 2400 RIT
Print Speed	Up to 30 pages per minute in black and white, 7.5 pages per minute in Colour A4
First Page Out	9.3sec in black and white, 15.3sec in colour
Processor	350MHz
Memory (Standard/Maximum)	64MB with Epson MiTech / up to 512MB max
Maximum Monthly Volume	120,000 pages in black and white mode; 48,000 pages in colour mode

PAPER HANDLING

Standard Paper Input	650 sheets (150 Multi-Purpose tray + 500-Sheet Paper Cassette)
Paper Weight	64 - 163 gsm
Optional Paper Handling	Up to one extra 500-Sheet Paper Cassette
Maximum Paper Input	1150 sheets (150 Multi-Purpose tray + 2 x 500-Sheet Paper Cassette)
Standard/Maximum Paper Output	250 sheets / 250 sheets

CONSUMABLES LIFE

Toner Cartridges	black: 5,000; colour: 5,000/2,000 pages under conditions of continuous printing at 5% coverage. Intermittent use may reduce page yield.
Toner Save Mode	Yes
Photo Conductor	40,000 pages in black and white, 10,000 pages in colour

ENVIRONMENTAL CONDITIONS

Temperature	Operation: 10 to 35 °C / Storage: 0 to 35 °C
Humidity	Operation: 15 to 85% RH / Storage: 10 to 85% RH (No condensation allowed)

DIMENSIONS AND WEIGHT (W x D x H mm, Kg)
*Weight including consumables

Epson AcuLaser 2600N-C2600N	431 x 518 x 425 mm, 37 Kg
Epson AcuLaser 2600N-C2600DTN	447 x 518 x 538 mm, 43 Kg

REQUIRED TOOLS

Flat needle head player
Torx screw driver
Hook Tool (angled and straight)
Phillips Screwdriver
Flat-head Screwdriver (small and standard size)
X-Acto knife
Tester
Toner grabber
Cotton tip swap
Air compressor

REQUIRED SUPPLIES

Epson Aculaser C 2600 Absolute Black® toner 155g
Epson Aculaser C 2600 Absolute Cyan® toner 155g
Epson Aculaser C 2600 Absolute Magenta® toner 155g
Epson Aculaser C 2600 Absolute Yellow® toner 155g
Epson Aculaser C 2600 Uni Drum® OPC (under development)
Epson Aculaser C 2600 Smartchip® Black (under development)
Epson Aculaser C 2600 Smartchip® Cyan (under development)
Epson Aculaser C 2600 Smartchip® Magenta (under development)
Epson Aculaser C 2600 Smartchip® Yellow (under development)
99% Isopropyl Alcohol
Destillate Water
Drum Lubricant (Yellow toner)
Conductive Grease
Friction Grease

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1. Release the drum unit turning the blue drum unit blocker lever one quarter counter clockwise.
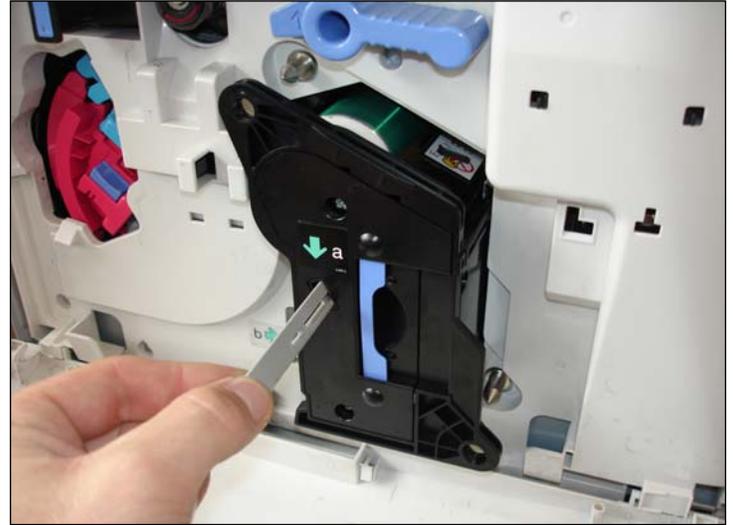
2. We recommended to use the grey grid cleaner bar periodically to keep the corona clean and in excellent conditions of work.

3. Check and Clean if necessary the ozone filter with compressed air. Keep it horizontal and don't shake it before cleaning.
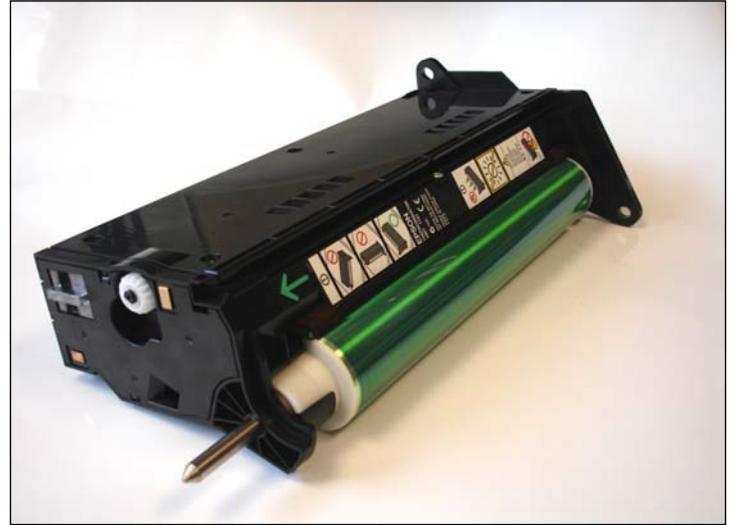

4. Drum unit front view.

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5. Drum unit handle side view.

6. The waste toner sensor window is in the drum unit gear side view.

7. Remove the two Phillips screws from the black handle end cover.

8. Release the black end cap using a small flat head screwdriver to press the tab as shown.

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9. End cap and cartridge inside face view.
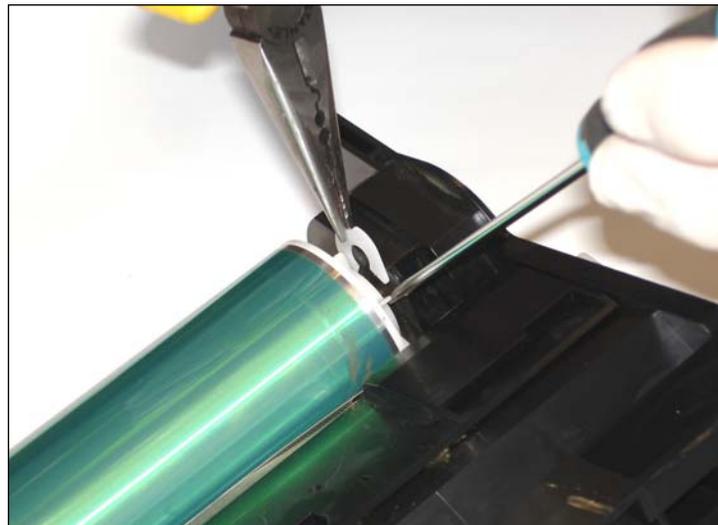
10. Release the plastic white clip from the drum shaft.
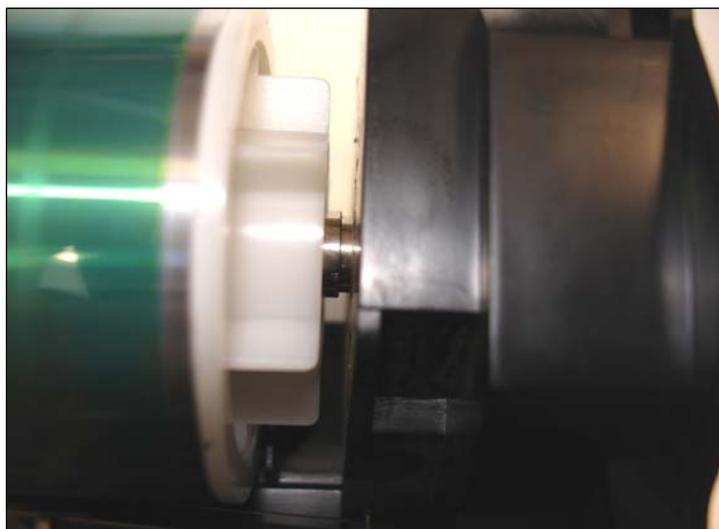
11. Drum shaft without the plastic white clip detail view.

12. On the other side of the drum, remove the plastic black drum gear cover.

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13. Pull out the OPC shaft softly.
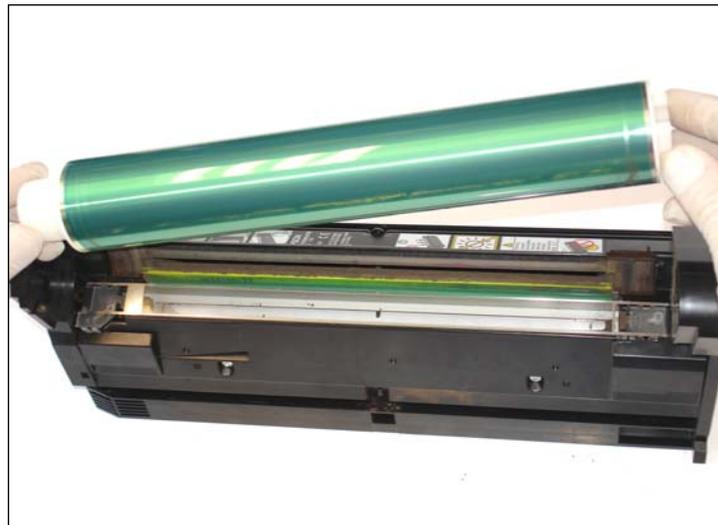
14. Release the OPC as shown and cover it with a black cloth to avoid direct sunlight contact in case of recycling.

15. Release the gear end plate tab on the other side of the cartridge using a hook tool.
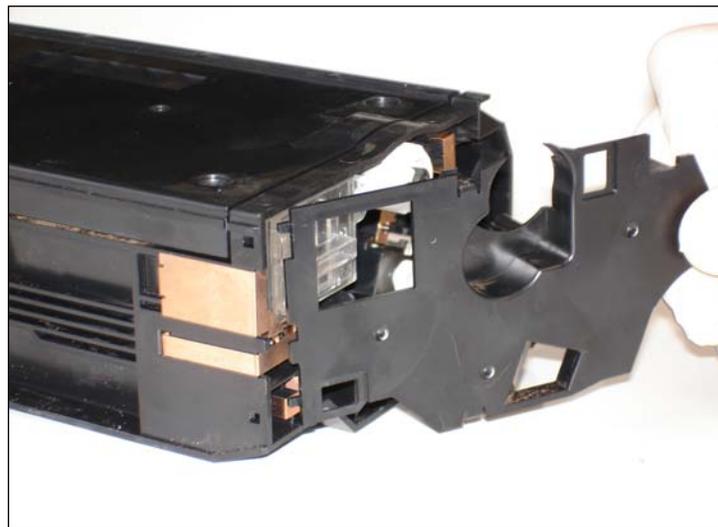
16. Remove the whole black lateral end cover lifting it as shown. Otherwise, the tabs can be damaged.

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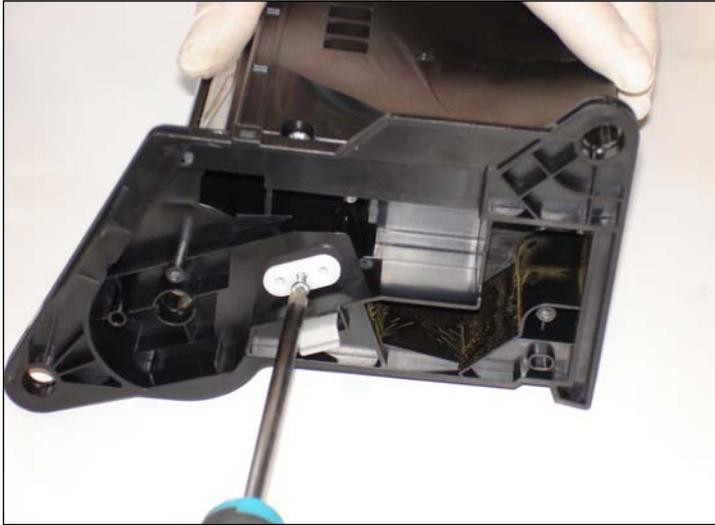
17. Unscrew both Phillips screws from the white plastic corona support on each side of the cartridge.

18. Release the white plastic corona supports on both sides.

19. Remove the two screws on the bottom black cover of the cartridge.

20. Release the black long end cap cover carefully.
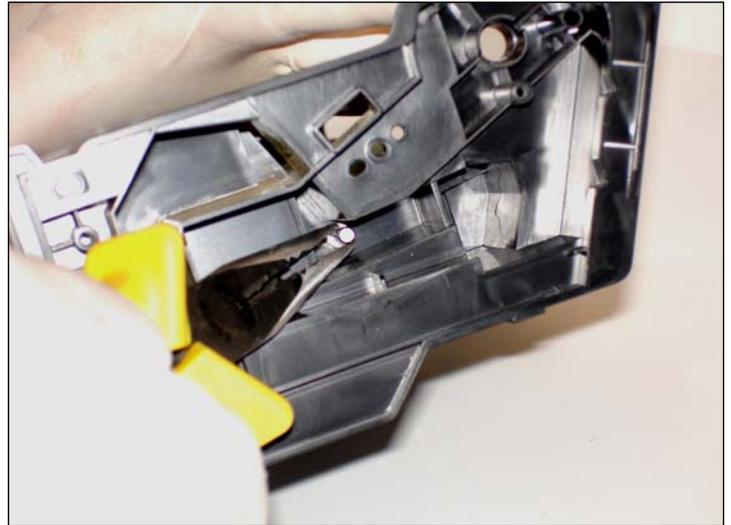
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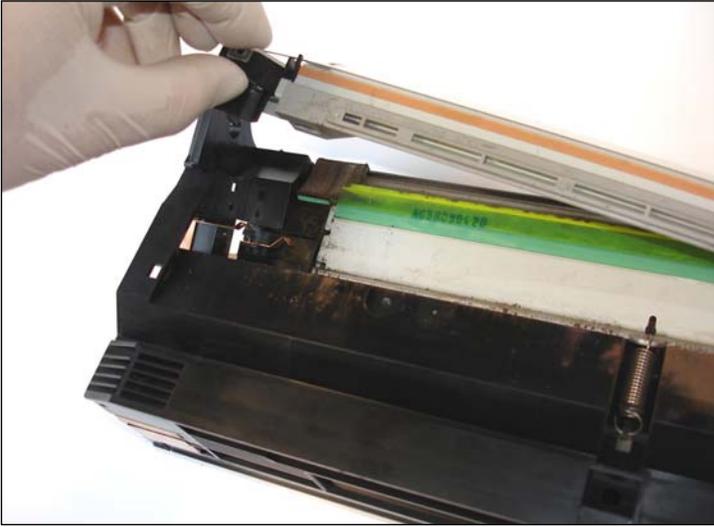
21. Remove the "corona" placed next to the wiper blade.
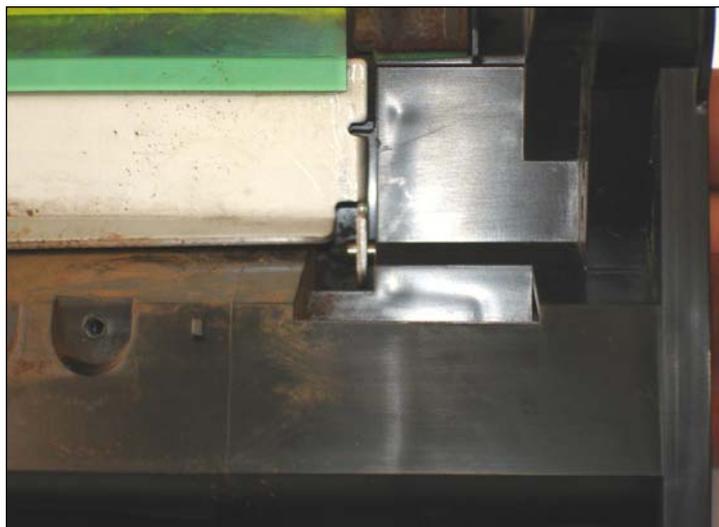

22. Notice the detail of lifting it from the left side.
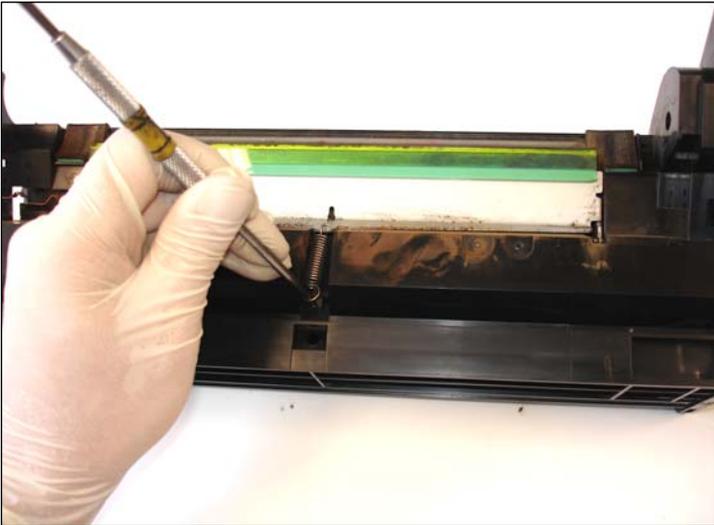
23. Release the tension spring from the wiper blade holder using a hook tool until it gets free from the lower black tab.
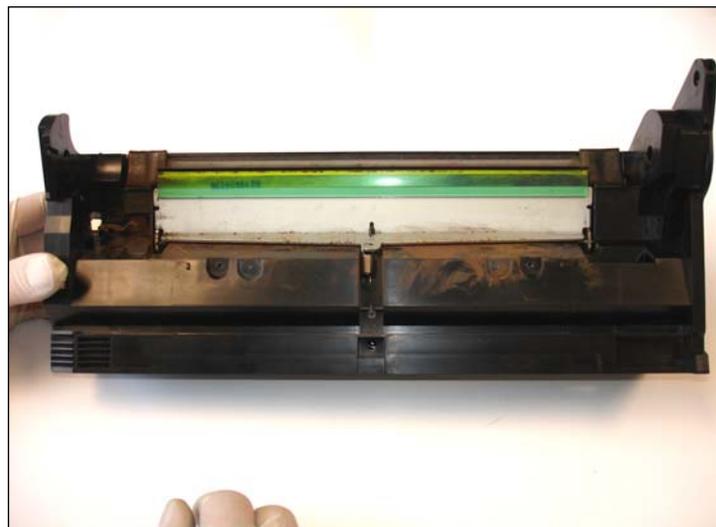

24. Remove the lateral wiper blade blocking pin with a needle flat head pliers.
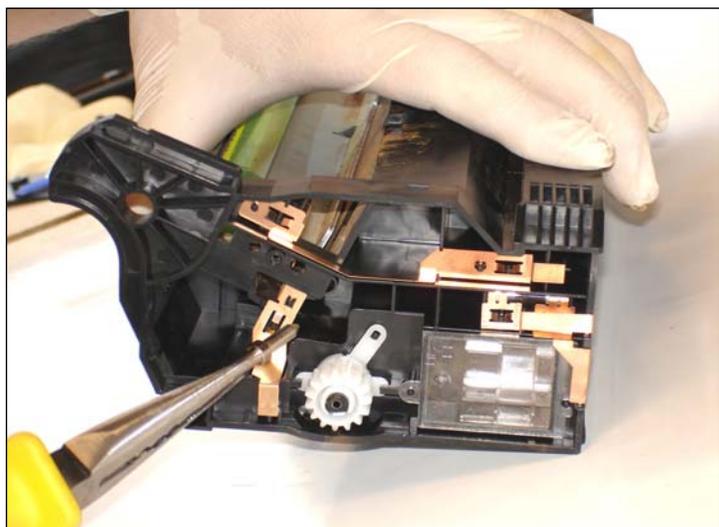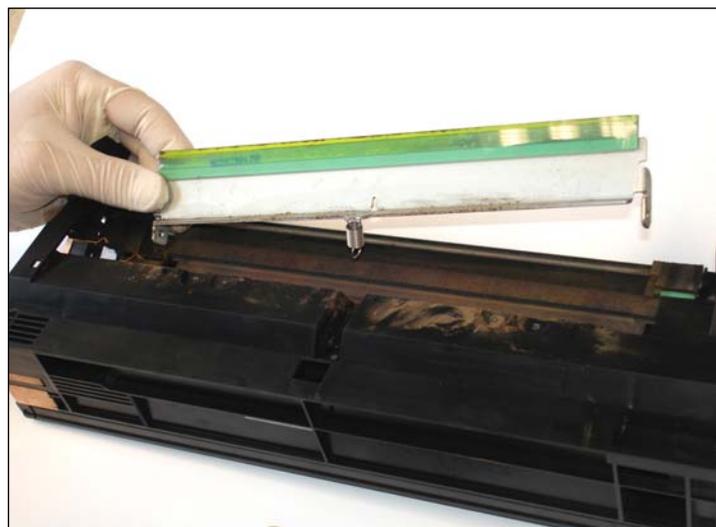
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25. Wiper blade blocking pin detail view.

26. Turn again the cartridge to remove the other pin.

27. Release the second wiper blade blocking pin with the same procedure.

28. Remove the wiper blade.

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29. Blow the hopper with compressed air to clean out any remaining waste toner.

30. Remove the bigger top black cover 6 screws as shown.

31. Remove the chamber cover.

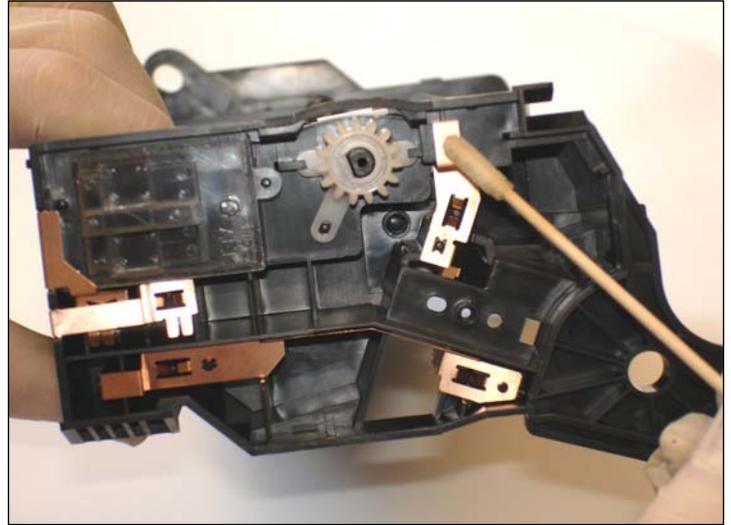32. Clean the waste hopper with compressed air.

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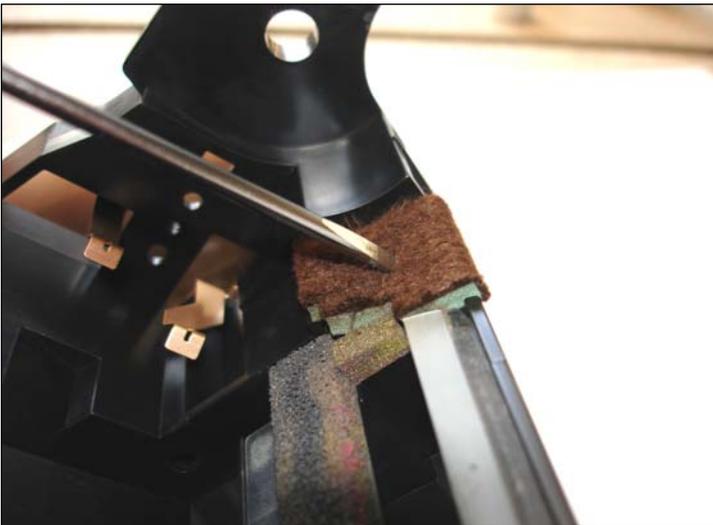
33. General view once cleaned. Clean as best as possible the plastic yield sensor window placed in the waste toner section to avoid a "full waste toner" message on printer's display.

34. Clean the electrical contacts by means of a cotton tip swap with isopropyl alcohol.
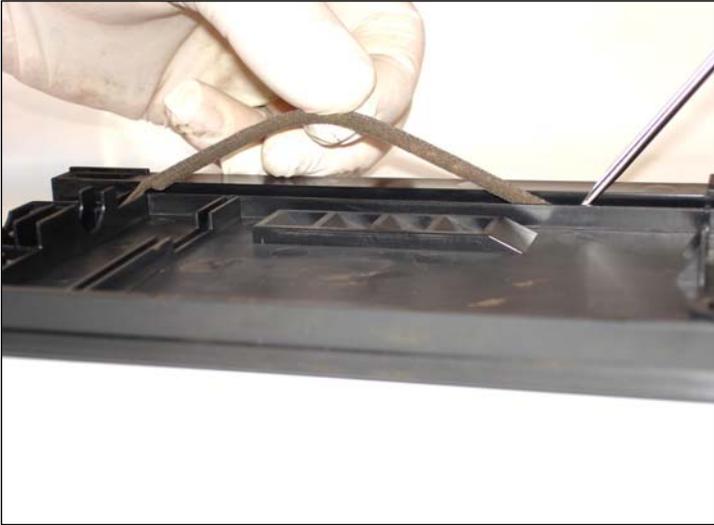

35. Comb both wiper blade felt using a flathead screwdriver.

36. Clean the recovery blade with a cotton tip swap or a toner grabber with alcohol isopropyl mixed with distillate water. Be careful to don't damage or bend the blade since it would cause spotting.
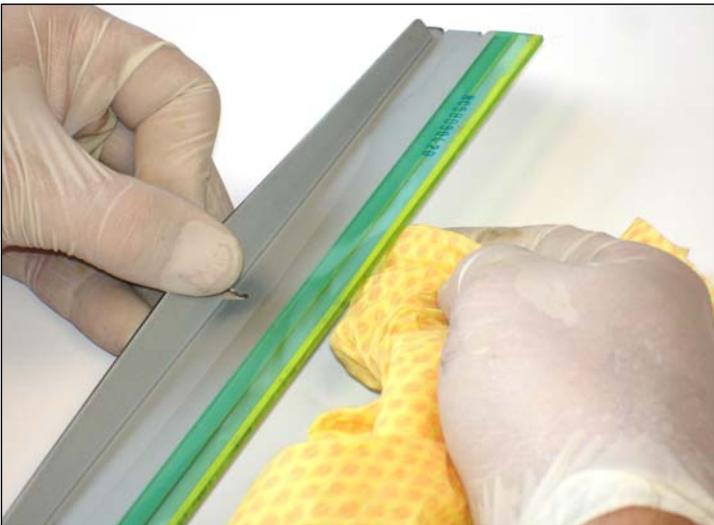
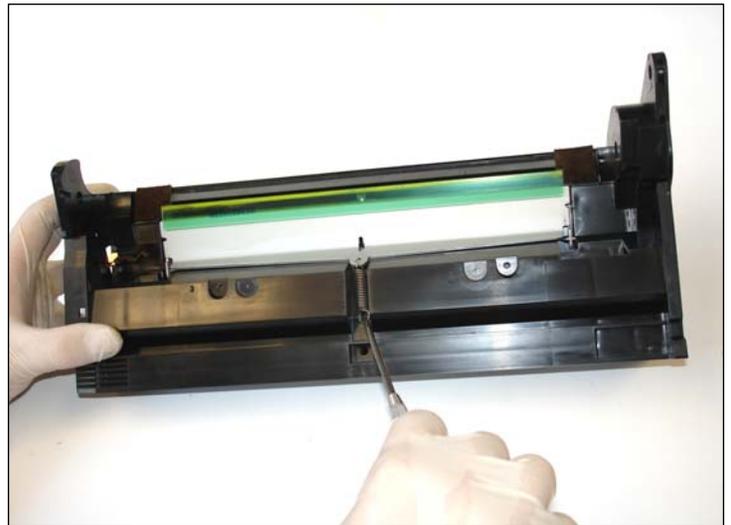# www.**uninet**imaging.com/technical.asp

37. Install the foam of the top plastic black hopper cover through out its border. Help yourself with an small flat head screwdriver.

38. Reassemble it on place.

39. Clean the wiper blade blowing air and then using a toner grabber with distillate water in case of recycling it. Lubricate the recycled wiper blade as well as the new one with yellow toner.
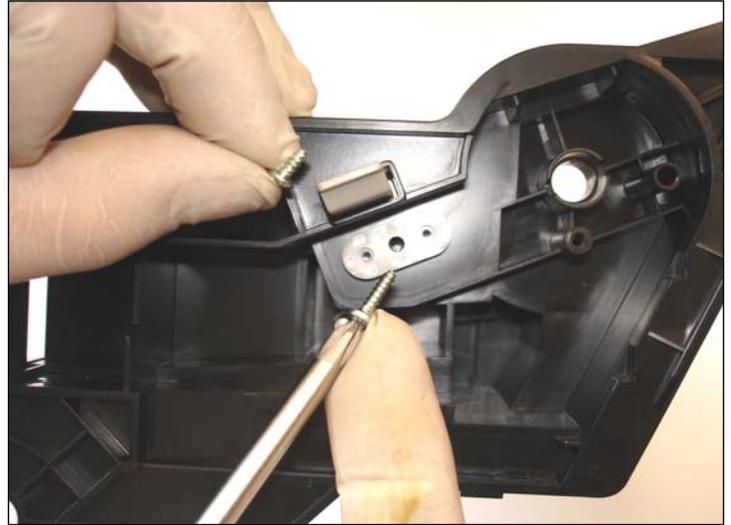

40. Reinstall the wiper blade. First place both pins and then put the wiper blade tension spring using an angled hook tool.

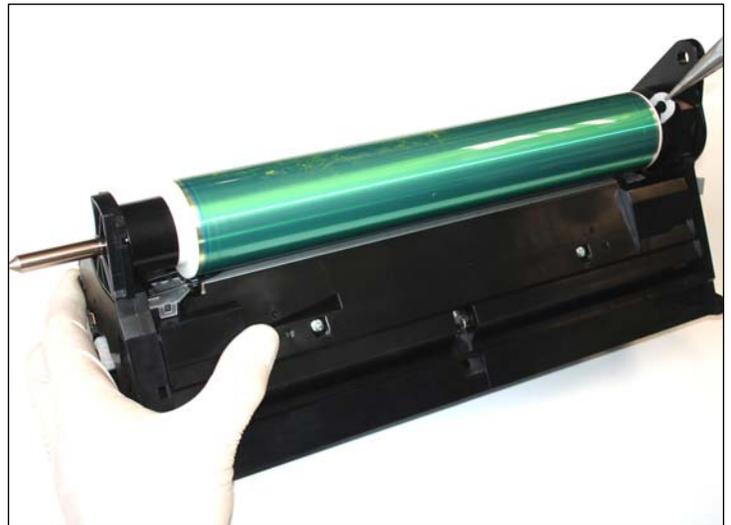## www.**uninet**imaging.com/technical.asp

41. Before installing the corona, clean it with air compressed as shown.

42. Reassemble the white plastic corona supports and then install the two screws on each side. Notice the screws have different sizes. The shorter one it would go on the other side of the cartridge in the picture.



43. Lubricate the new OPC with yellow toner.

44. Install the new lubricated drum, the "U"-shape clip, the axle with the new conductive grease lubricating the dedicated contact place and the plastic black drum gear cover. Pay attention to the inside drum contact, check it with a hook tool.

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45. Cartridge view with its bottom cover uninstalled.
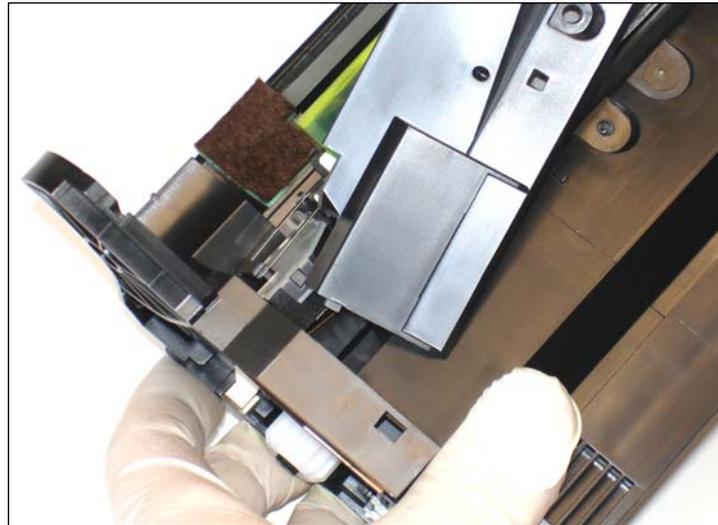
46. Place the long black bottom cover firstly from the left part as shown.

47. Place the gear end plate by left side to preserve the tabs.

48. Do the same with the other side handle cover.

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NOTES

49. Give the cartridge the last cleaning retouching and in case of installing a recycled drum, brush the gears with a hair cut brush to eliminate all residual toner.

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