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EPSON ACULASER™ C2600
TONER UNIT REMANUFACTURING INSTRUCTIONS

EPSON ACULASER™ C2600
COLOUR LASER PRINTER

EPSON ACULASER™ C2600
CMYK TONER UNITS

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EPSON ACULASER C 2600 TONER 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. Toner unit front view.

2. Toner unit gear side view.

3. Toner unit colour cover side view (gearless).

4. Remove the two torx security screws from the colour cover side using a Security torx screwdriver.

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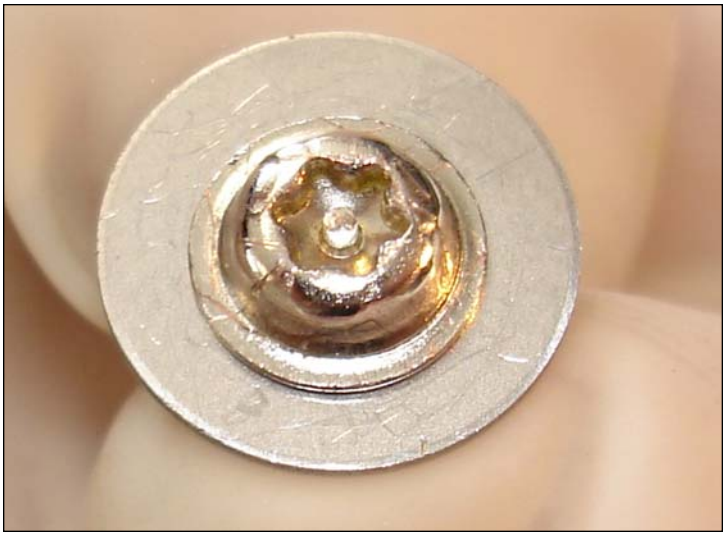
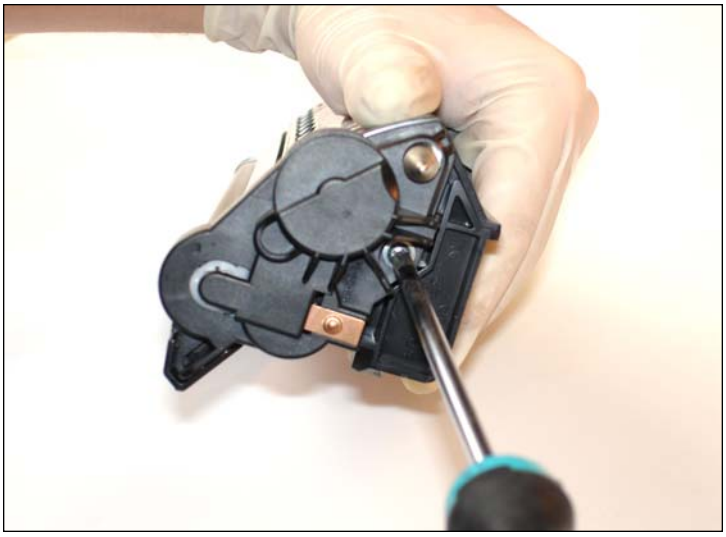
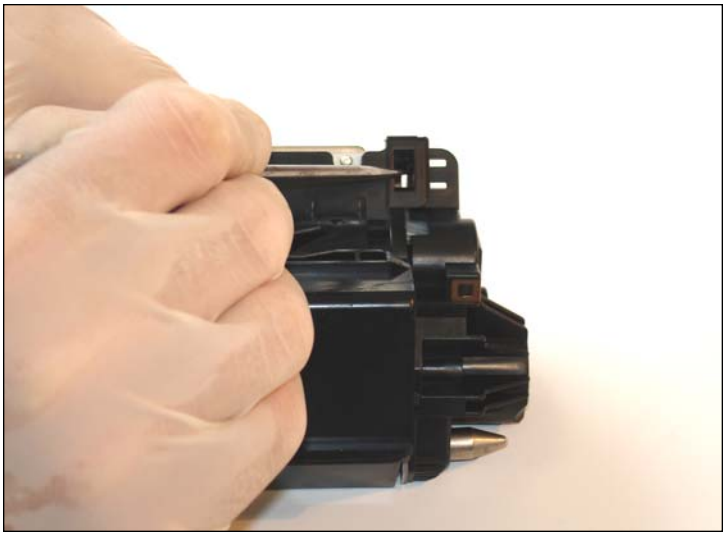
5. Disassemble the colour cover.



6. Security torx screw detail.



7. Take out the other side's screw by means of a Phillips screwdriver.



8. Push carefully the black end cap tap as shown using a straight hook tool.

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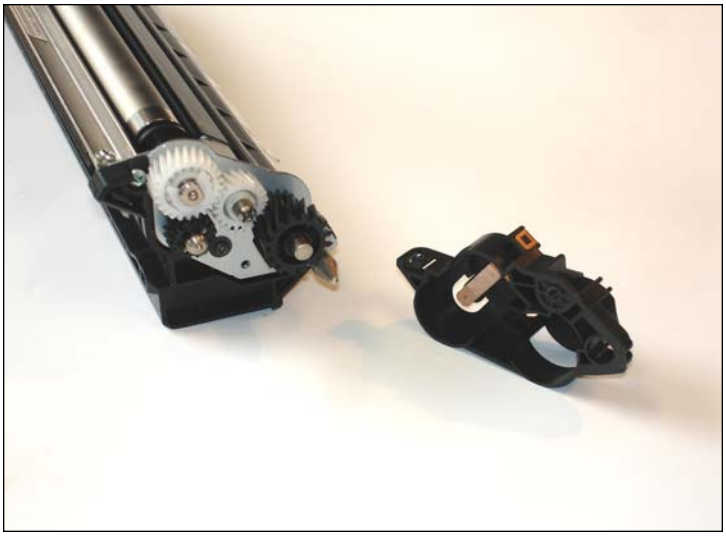
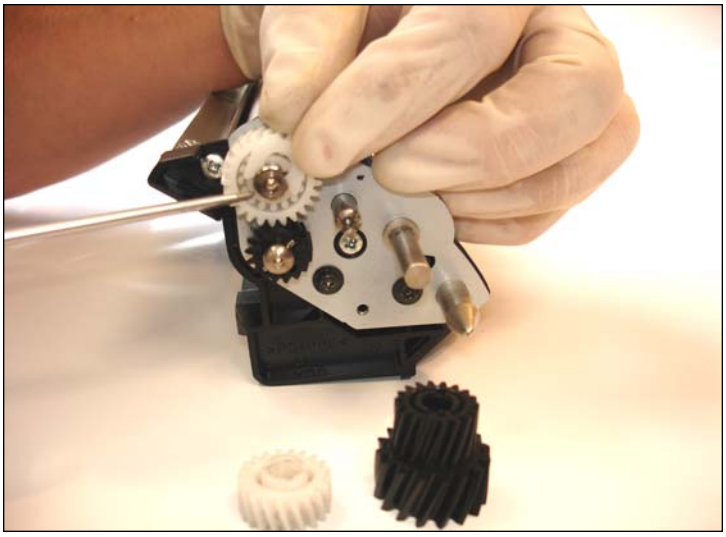
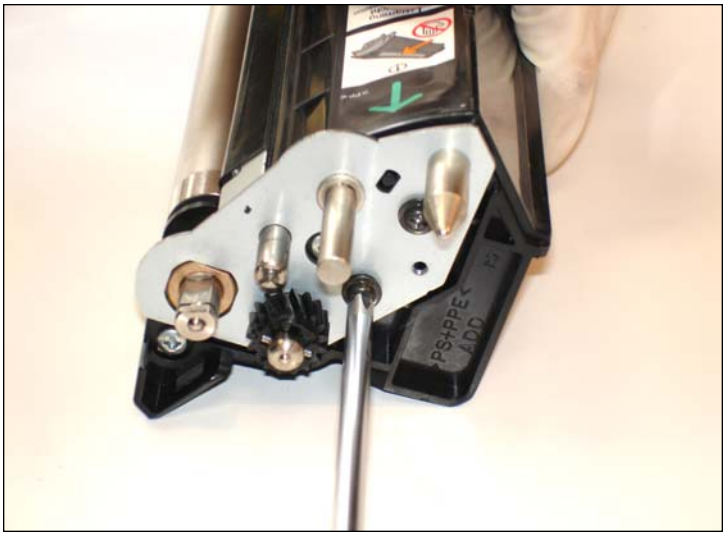


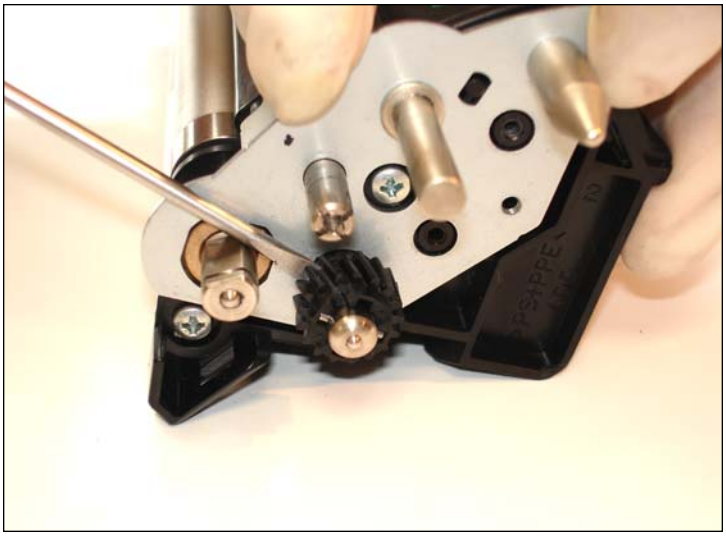
9. Remove the end cap.



10. After releasing the two unblocked gears carefully, remove the white plastic “U”-shape clip from the DVR guide gear.



11. Remove the screws from the metal gear plate.



12. Carefully pull out the shaft using a flathead screwdriver between the black gear and the metal gear plate.

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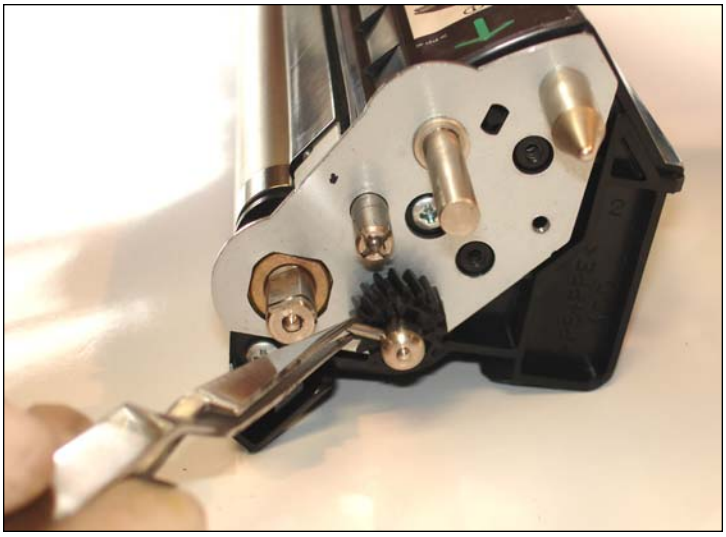
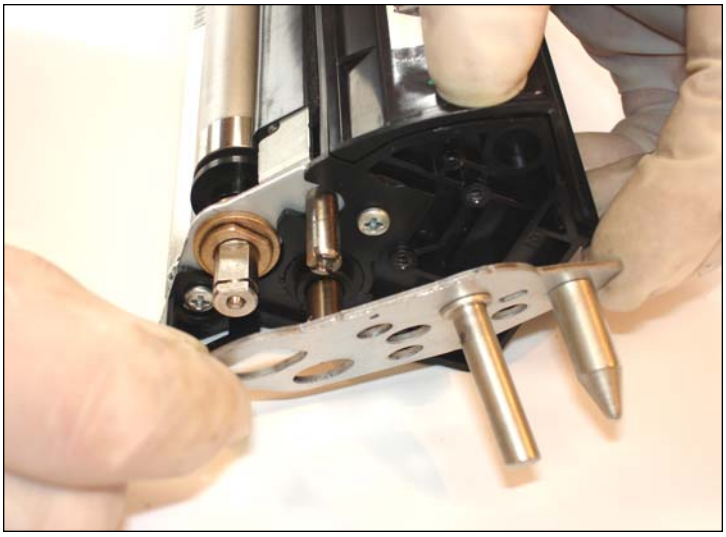
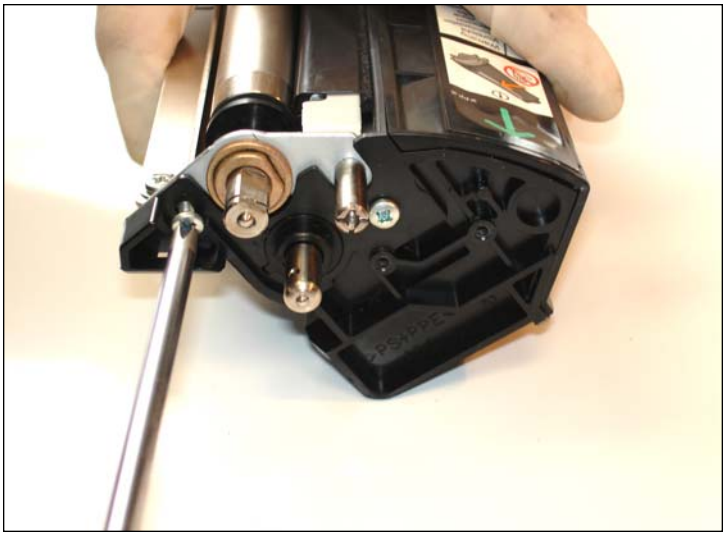


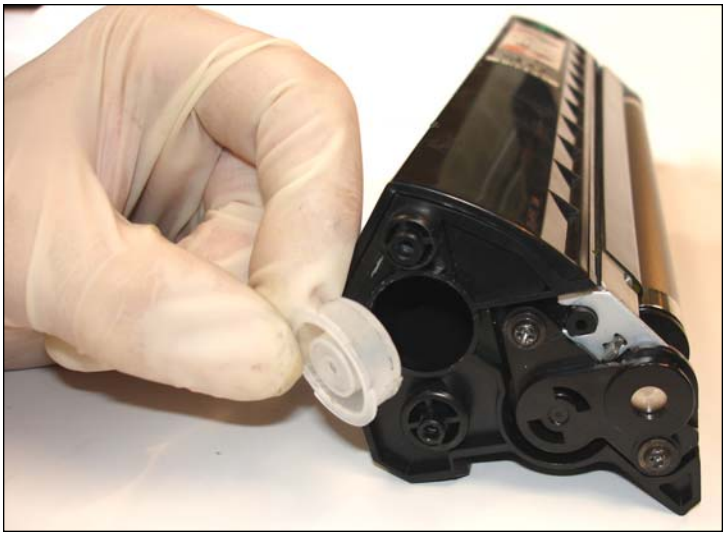
13. Push the gear until you could release the pin from inside. We recommend using a flat needle head tweezers.



14. Release the metal gear endplate.



15. Remove the two Phillips screws which ensure the correct position of the DVR frame. Note the thread is different.



16. Remove the toner fill cap from the gearless hopper side and clean out any remaining toner.

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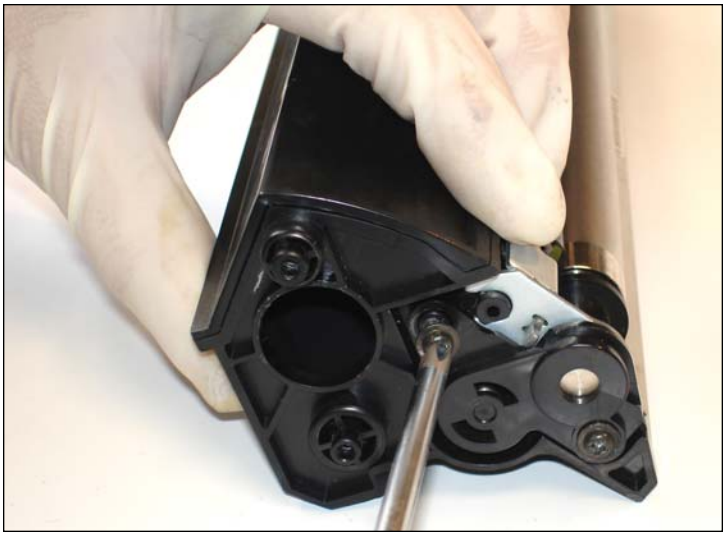
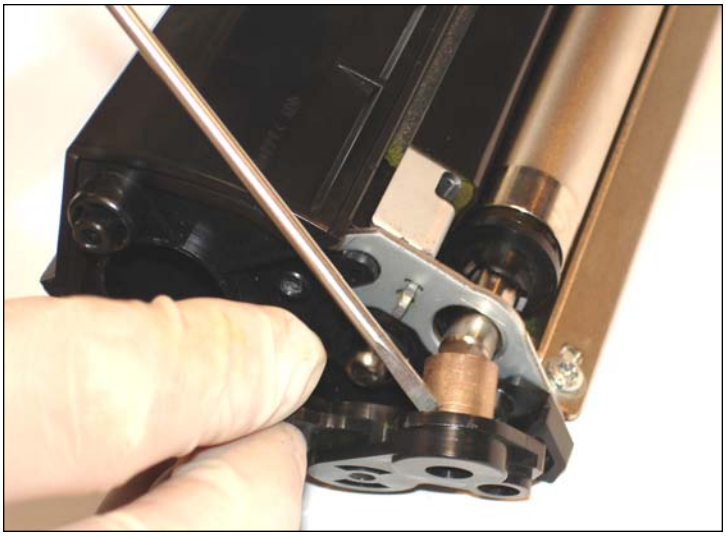
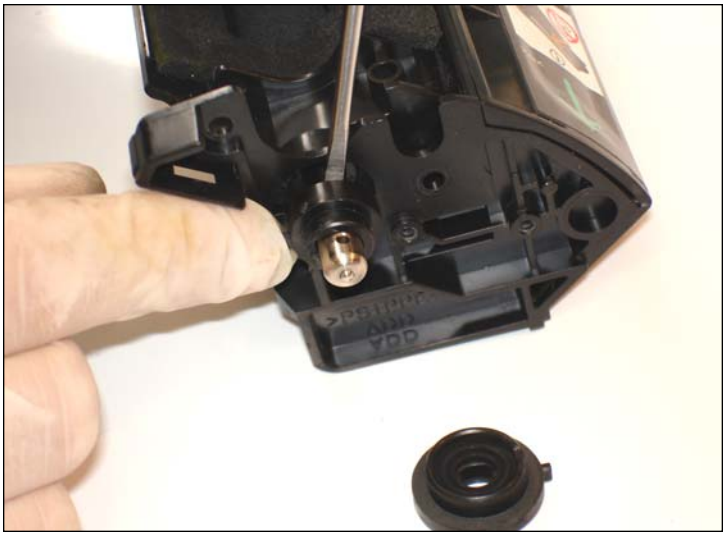


17. Unscrew the following two black Phillips screws from the fill cap side.



18. On the other part, remove the metal develop endplate which fixes the develop base.

19. Free the whole develop frame carefully.



20. Remove the black add roller bearings from both sides.

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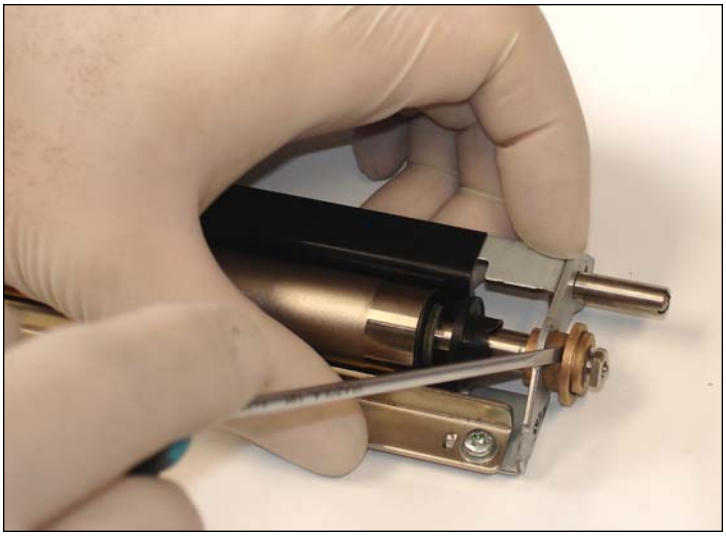
21. Use compressed air to clean the toner chamber and the cartridge. Make sure the foam seal around the slot is clean and not damaged. Pay attention to not damage the sealing foam.



22. Release the fixing bearings of the develop frame.

23. Remove the develop roller by lifting it from the left side.

24. DVR washers & bushings should be assembled as shown.

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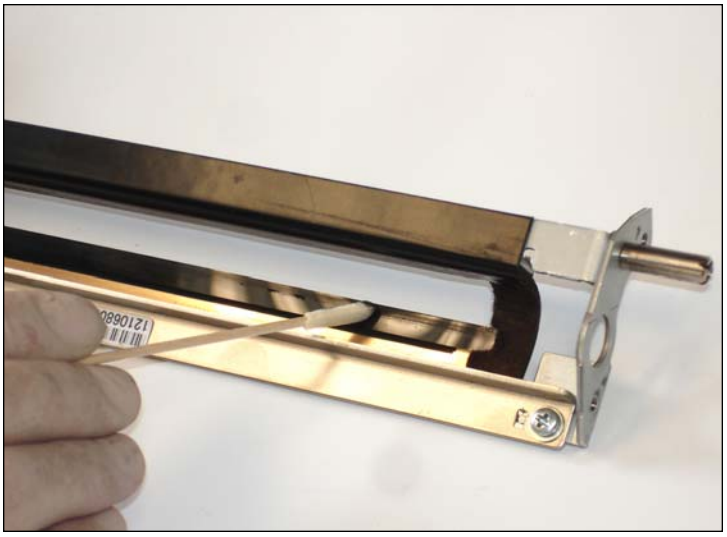
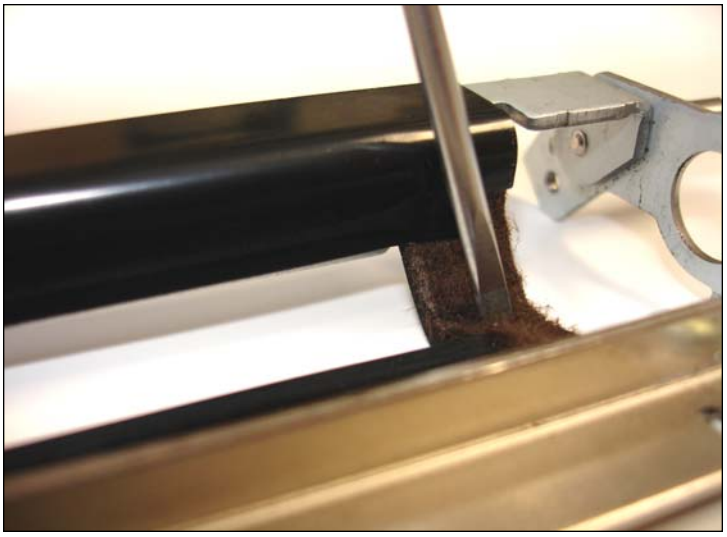
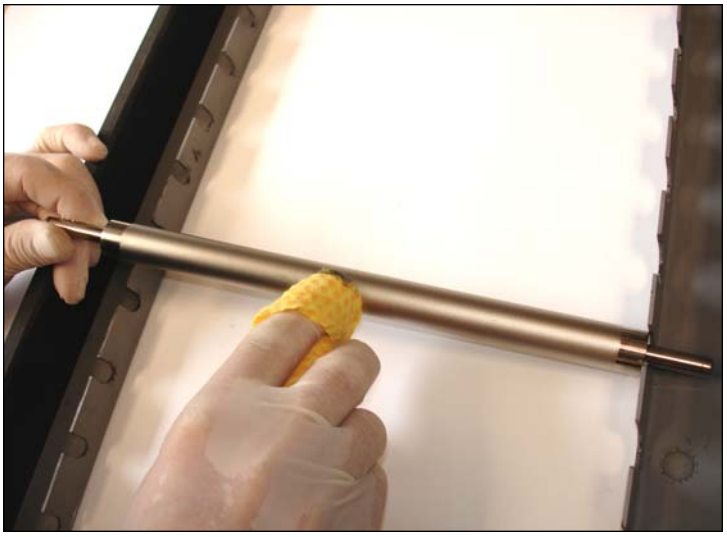


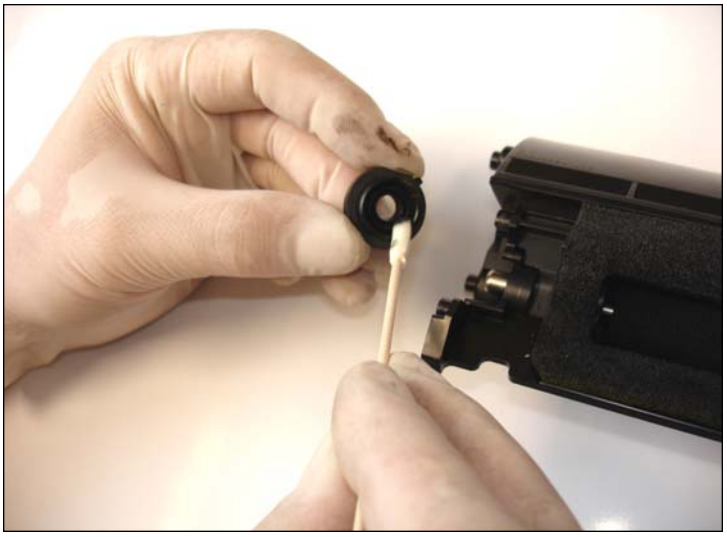
25. Clean the doctor blade with a cotton tip swap with distillate water.



26. Comb both side foams with a flathead screwdriver to prevent leaking. Insure the good conditions of the foam and black mylars. Otherwise it can cause massive leaking. In case of toner adherence in the toner mylar surface, use a cotton tip swap gently to eliminate all residual toner.



27. Clean the develop roller using a toner grabber with a magnetic roller cleaning solution.



28. Clean the black add roller bearings with a cotton tip swap with isopropyl alcohol.

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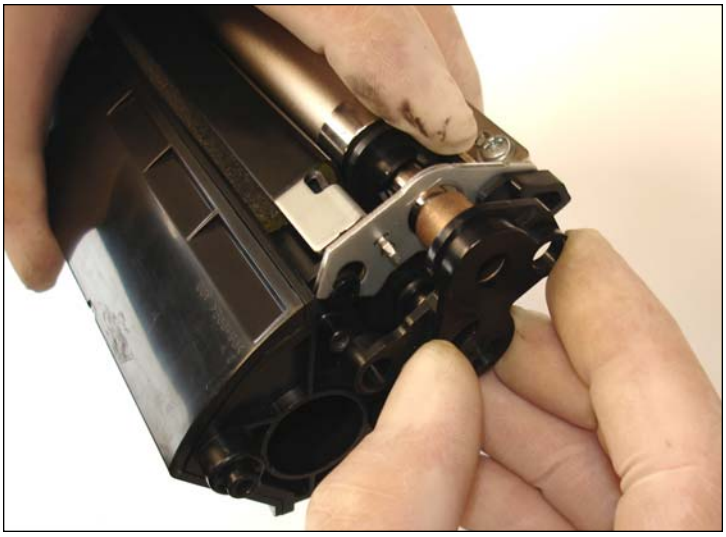
29. Clean the gears with a cut hair brush with isopropyl alcohol to avoid a blocked cartridge.

30. Place the develop roller and reassemble its parts in reverse order.

31. Put the whole develop frame on the cartridge. It should fit the previous position on the sealing foam.



32. Place the black develop end cap on the right side as shown and screw it.

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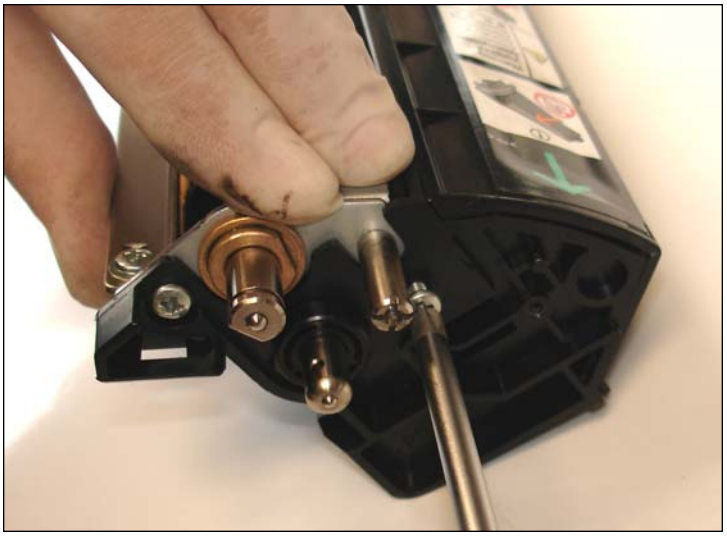
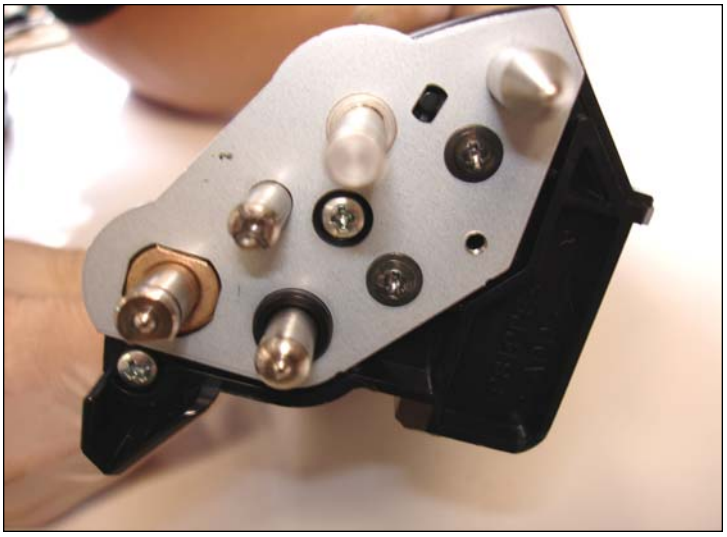
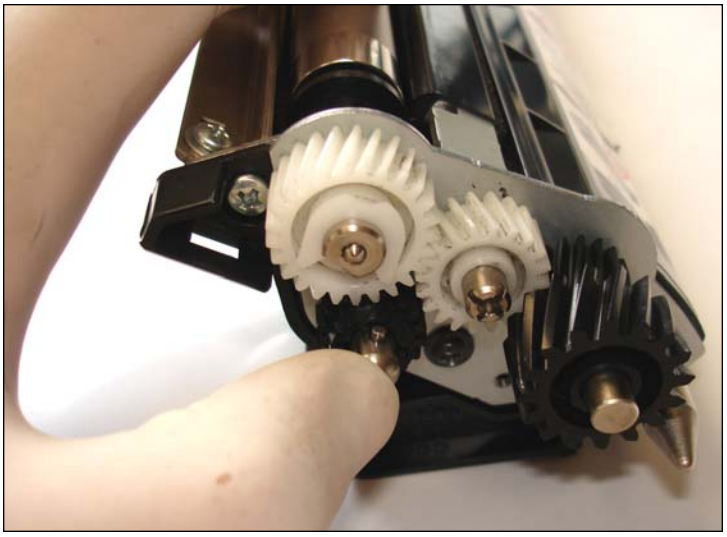


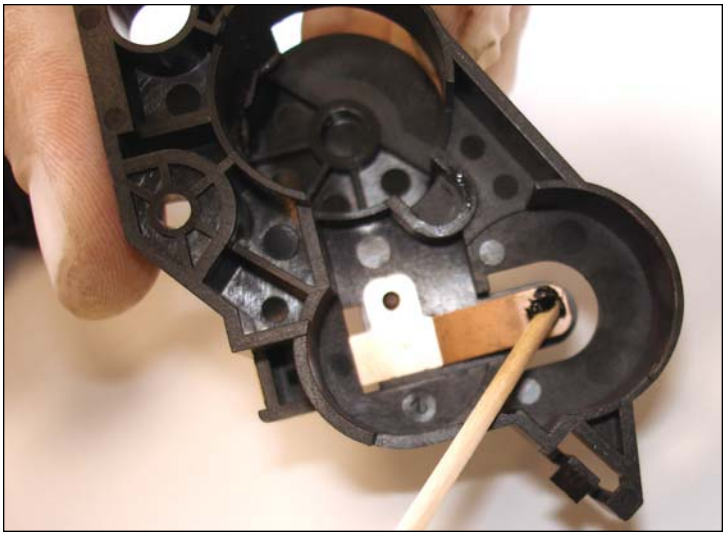
33. While pressing the develop roller mounting, place the other two screws on the other side.



34. Place the metal gear support endplate until it fits properly with the previous installed bearing.



35. Install the gears, the white clip and the pin through the shaft. Push the shaft until it stops.



36. Clean the residual toner of the electrical contact with a cotton tip swap with alcohol isopropyl. Apply conductive grease to lubricate it. Place the end cap in the gearless side with the screw and the tab.

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37. Fill the hopper with the specific toner and place the fill cap.

38. Place the plastic colour cover on the left side.

39. Remove the OEM label where the chip is placed as shown.

40. Cut the label using a X-acto knife.

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41. Put the new chip. Uninet will have a chip for this model very soon. Nowadays is under development.

NOTES

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