

# HP 3500 CARTRIDGE REMANUFACTURING INSTRUCTIONS

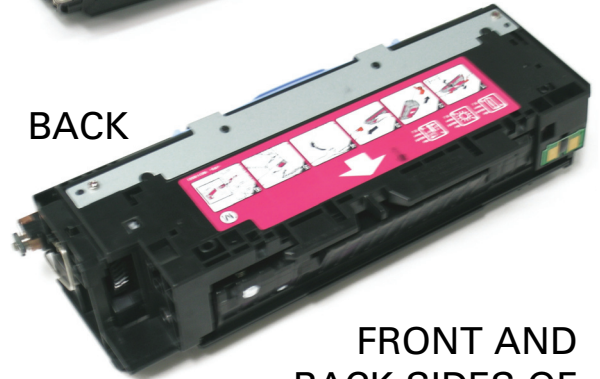


HP 3500 COLOR LASER PRINTER

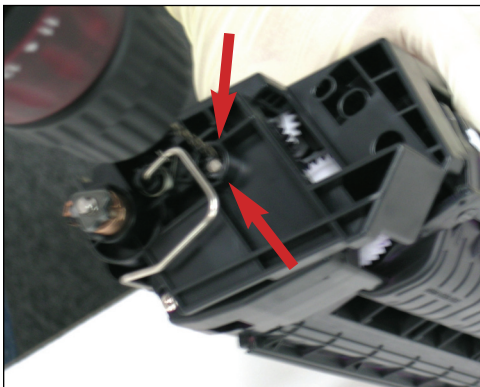
FRONT



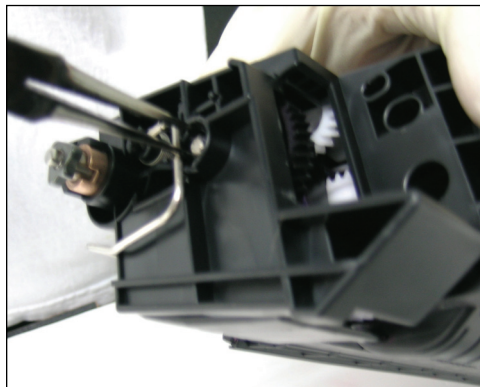
BACK



FRONT AND BACK SIDES OF TONER CARTRIDGE



**1** Use a 7/64 drill bit to drill two holes across from each other around the cartridge pin as shown.

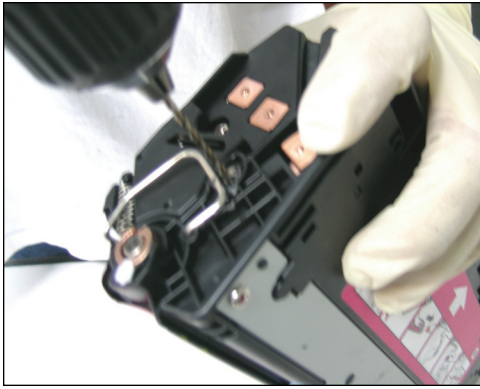


**2** Use a pair of needle-nose pliers to grip and pull the pin out.



**3** Pin being removed.





**4** Remove the cartridge pin on the other end of the cartridge (gearless side) as shown.



**5** Pull pin out as shown



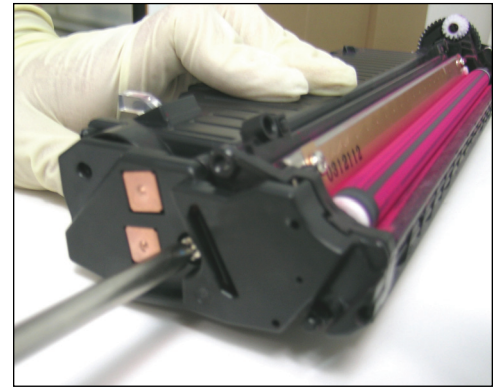
**6** Use a hook tool to release the spring from the holder.



**7** Separate the drum unit from the toner cartridge.



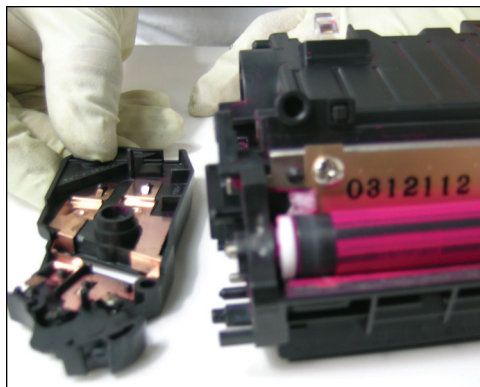
**DISASSEMBLING THE TONER CARTRIDGE**



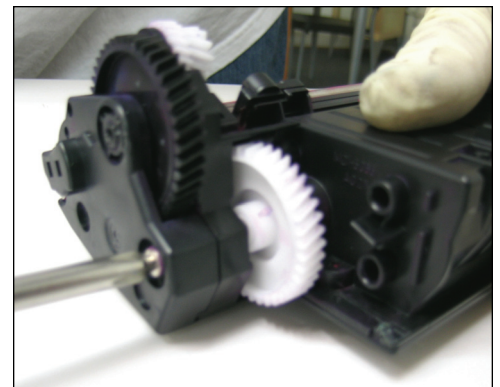
**8** Remove the screw from the contact side, end-cap.



**9** To remove the end-cap, release it from the clip that holds it in place.



**10** The contact should come off along with the end-cap.



**11** To remove the components on the gear side, remove the first screw as shown using a Phillips screwdriver.



**USA**  
Ph: +310-280-9620  
Fx: +310-838-7294

**EUROPE**  
+34-93-757-1335  
+34-93-741-4166

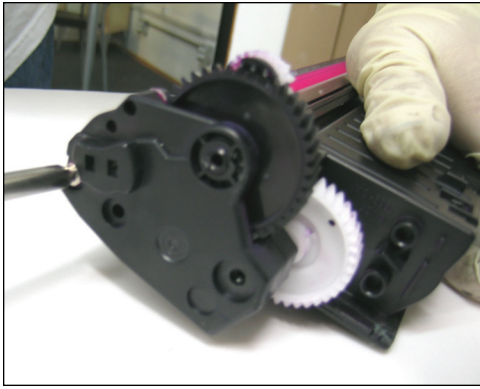
**JAPAN**  
+81-3-44-55-2789  
+310-838-7294

**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353

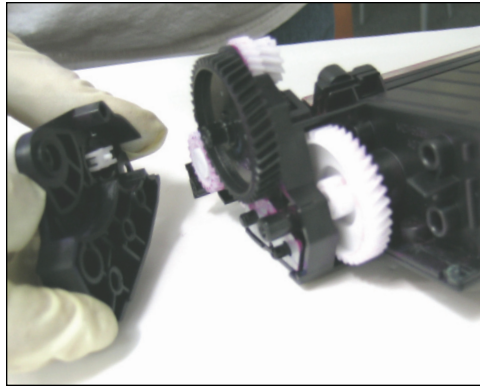
**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706

11124 Washington Blvd., Culver City, California U.S.A. 90232 • techsupport@uninetimaging.com

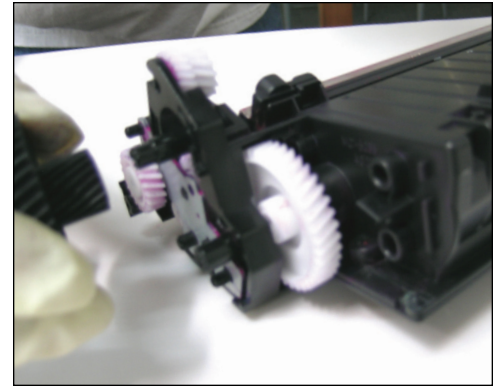
All Trademark names are property of their respective owners. Product brand names mentioned are intended to show compatibility only. Uninet Imaging does not guarantee or warrant downloaded information.  
© 2006 Uninet Imaging Inc.



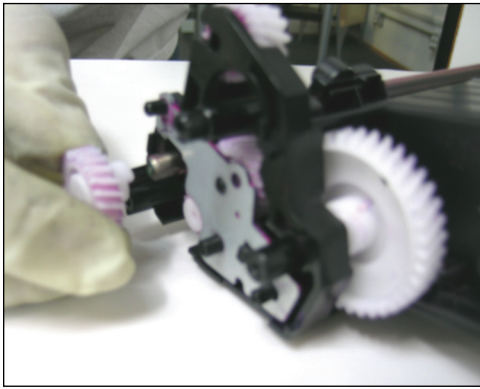
**12** Remove the second screw as shown.



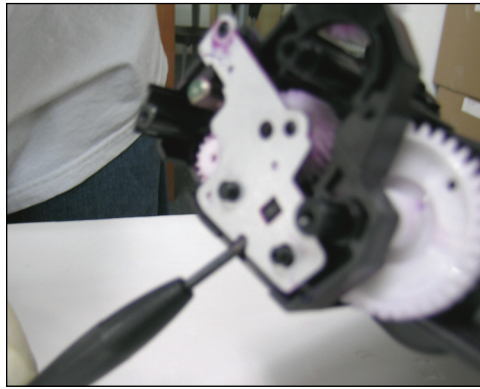
**13** Pull the end-cap off to expose the outer gears.



**14** Remove first gear as shown.



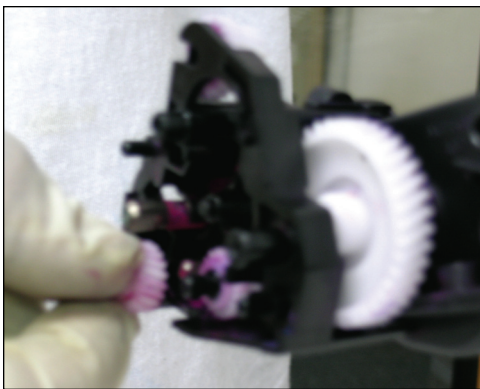
**15** Remove second gear.



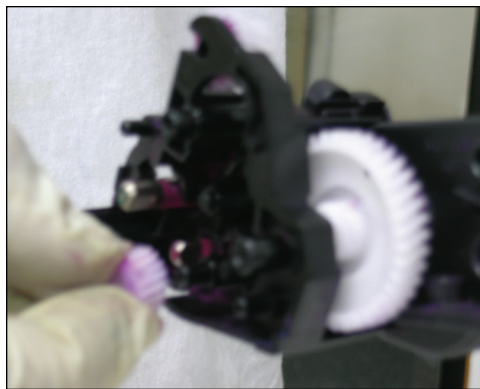
**16** Remove the metal plate by prying it off with a small flat screwdriver.



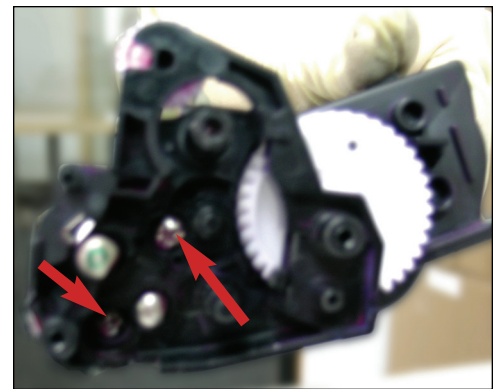
**17** Remove first inner-gear as shown.



**18** Remove second inner gear as shown.



**19** Remove third inner-gear.



**20** Now we are ready to remove the roller support. Two screws (shown) need to be removed.



**USA**  
Ph: +310-280-9620  
Fx: +310-838-7294

**EUROPE**  
+34-93-757-1335  
+34-93-741-4166

**JAPAN**  
+81-3-44-55-2789  
+310-838-7294

**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353

**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706

11124 Washington Blvd., Culver City, California U.S.A. 90232 • techsupport@uninetimaging.com

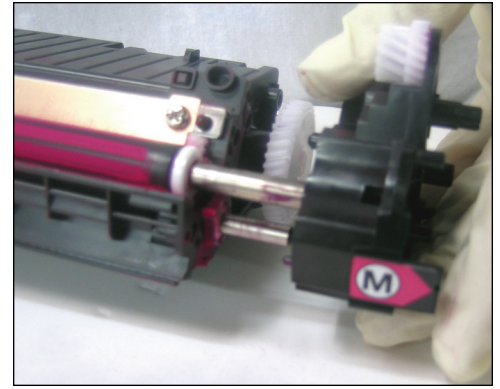
All Trademark names are property of their respective owners. Product brand names mentioned are intended to show compatibility only. Uninet Imaging does not guarantee or warrant downloaded information.  
© 2006 Uninet Imaging Inc.



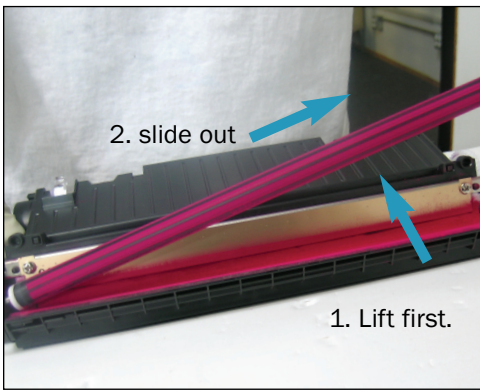
**21** Remove two first screw as shown.



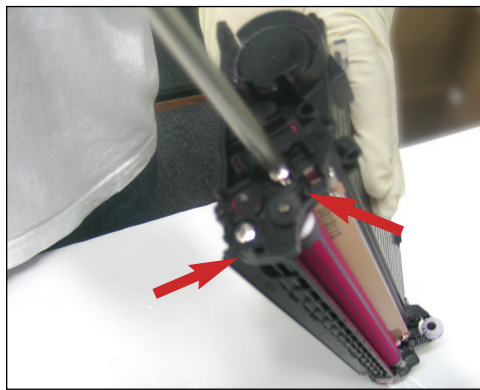
**22** Remove the second screw as shown.



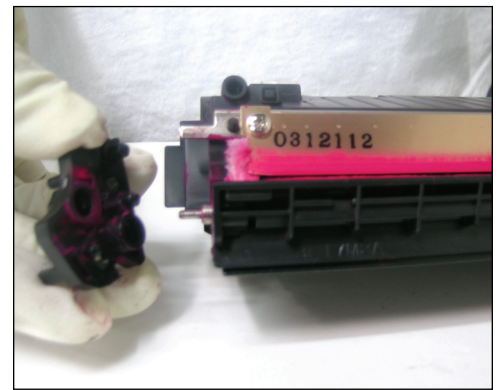
**23** The roller support should slide out very easily.



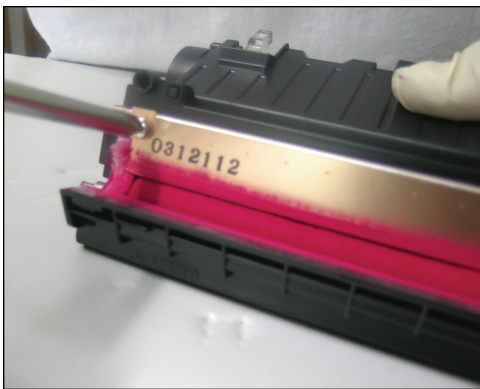
**24** Remove the developer roller by lifting one side first, then sliding it out.



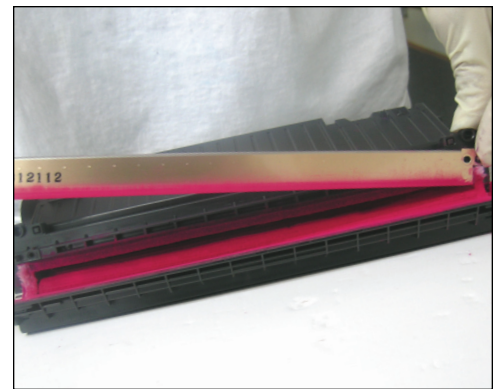
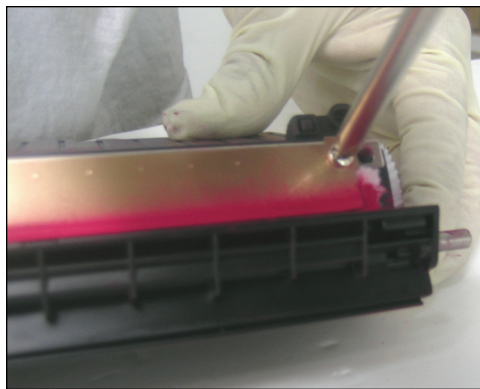
**25** Remove the two screws (shown) on the gearless side to remove the roller support plate.



**26** Pull out the roller support plate.

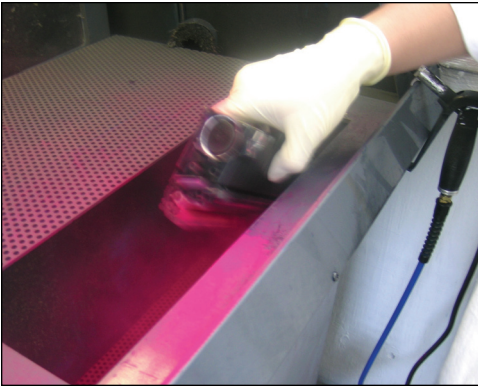


**27** Remove the doctor blade by first removing the left and right screws as shown.

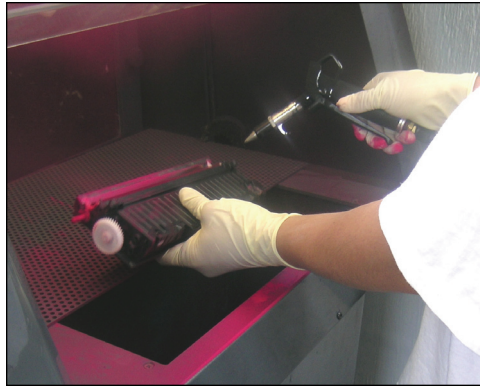


**28** Release the doctor blade from the guides and remove.

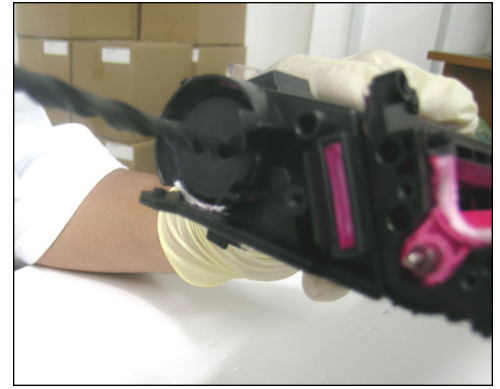




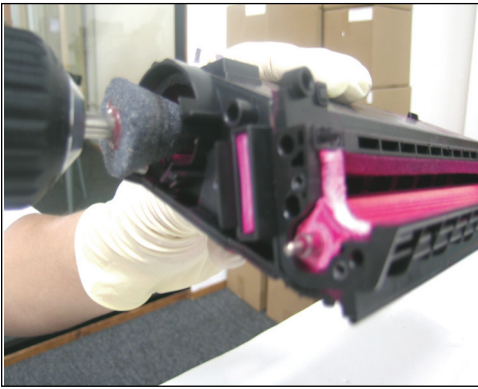
**29** Loosen and shake off excess toner from the cartridge. A few moderate, a few mild knocks and hits on the toner hopper will help and will not harm the cartridge.



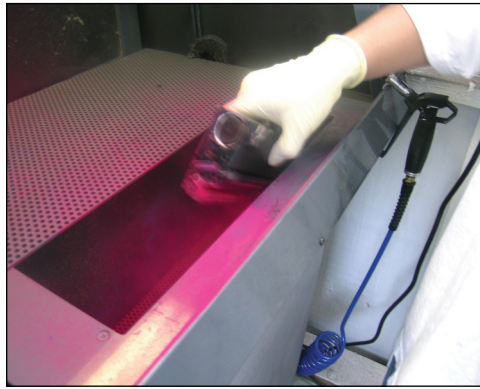
**30** Clean with compressed air.



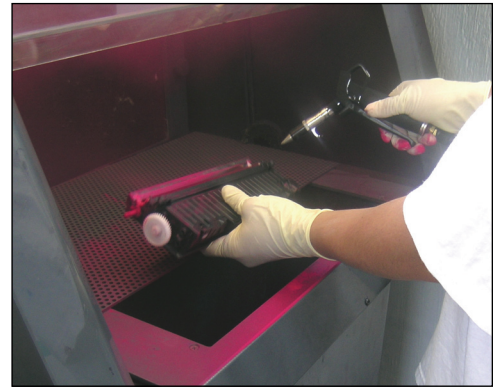
**31** You must now drill and manufacture your own fill hole. Use a 1/2" drill bit to center the hole. Be careful not to drill too deep as to damage the toner sensor window. \*For more options see "Drilling and Filling Plug Tips" on page 8.



**32** Use a one-inch size drill bit or grinding tool to make the hole one inch in diameter. Be careful not to drill too deep as to damage the toner sensor window.



**33** Shake off debris and additional toner from inside the cartridge.



**34** Clean out again with compressed air. This will prevent any drilling residue from damaging the toner cartridge.



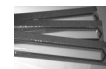
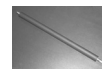
**ASSEMBLING THE TONER CARTRIDGE**  
**35** Start with re-installing the doctor blade.



**36** Refill toner as shown.



**37** Clean area around the newly-drilled hole.



**USA**  
Ph: +310-280-9620  
Fx: +310-838-7294

**EUROPE**  
+34-93-757-1335  
+34-93-741-4166

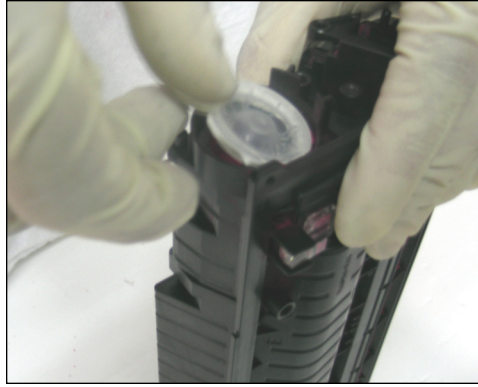
**JAPAN**  
+81-3-44-55-2789  
+310-838-7294

**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353

**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706



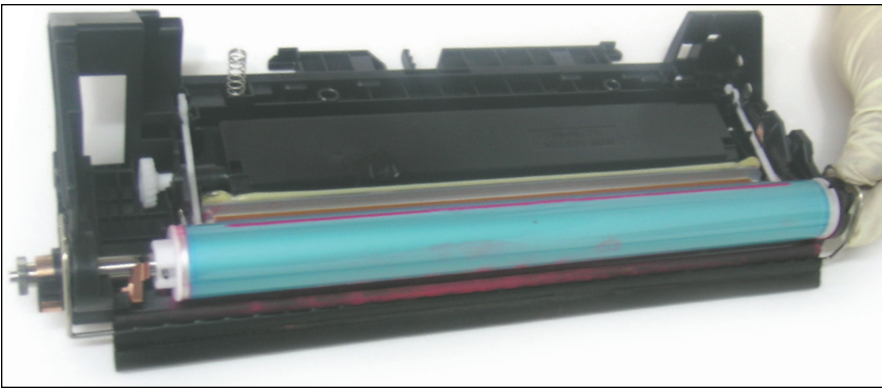
**38** Use silicone or caulking to fill the edges on your new toner plug as shown.



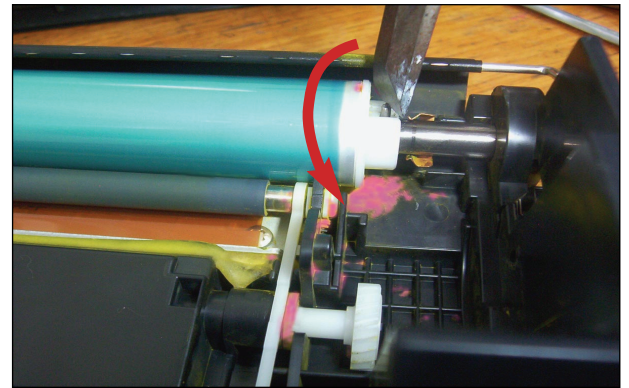
**39** Install plug as shown.



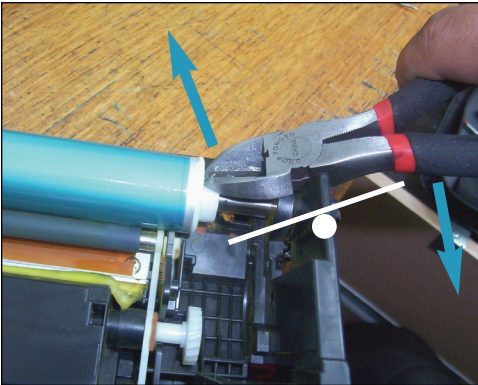
**REFILLING OPTION**  
Another option would be to fill the hopper through the developer roller opening.



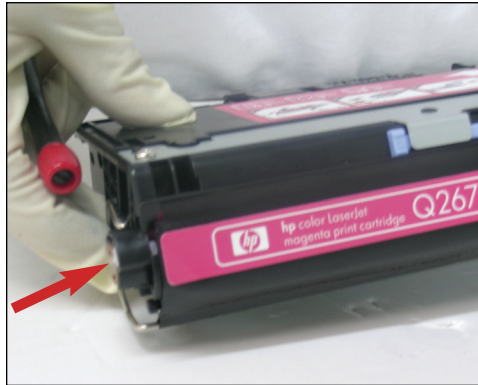
**DISASSEMBLING THE DRUM UNIT**



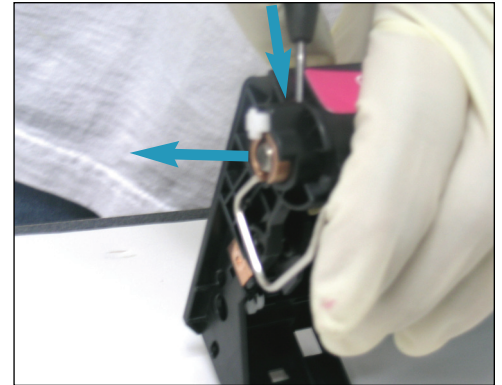
**40** Push the pin downward using a pin-pusher tool and hammer. Then rotate the drum so that the opposite side is pointing up.



**41** Grasp the pin using a pair of cutting pliers. Brace the pliers against the edge of the cartridge as shown so the pliers act as a lever. Force the pin out in a seesaw motion.



**42** We need to remove the insert (shown) that holds the drum axle bearing in place.



**43** Insert a flat screwdriver into the small hole to push the insert out from inside.



**USA**  
Ph: +310-280-9620  
Fx: +310-838-7294

**EUROPE**  
+34-93-757-1335  
+34-93-741-4166

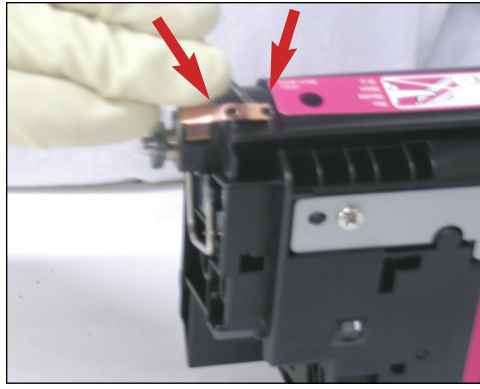
**JAPAN**  
+81-3-44-55-2789  
+310-838-7294

**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353

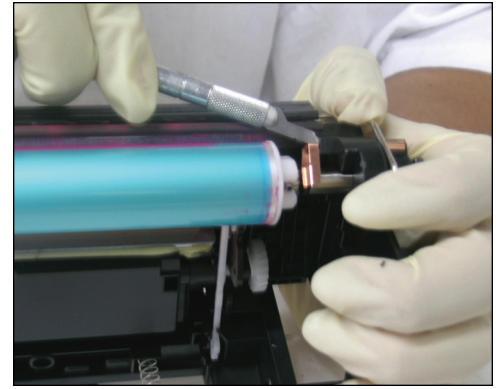
**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706



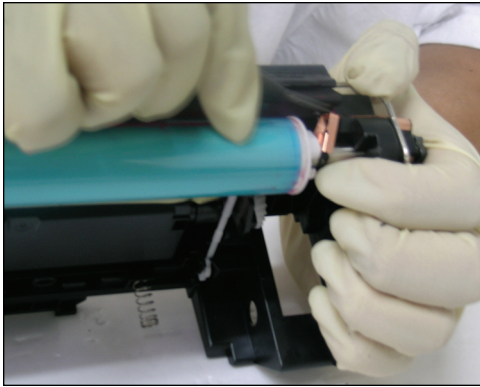
**44** Pry off the axle bearing with a small flat screwdriver.



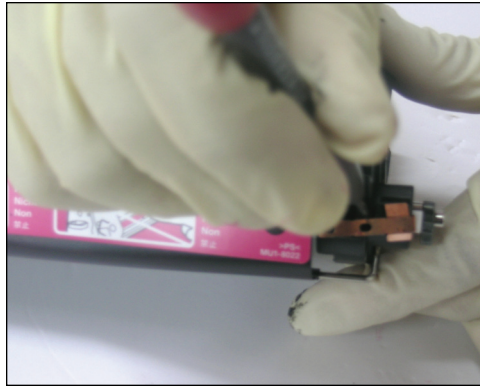
**45** Remove the drum contact by cutting the melted tabs as shown.



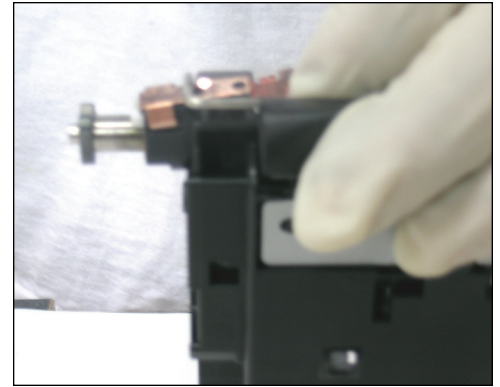
**46** Use a small flat screwdriver or utility knife to lift the contact over the plastic stoppers.



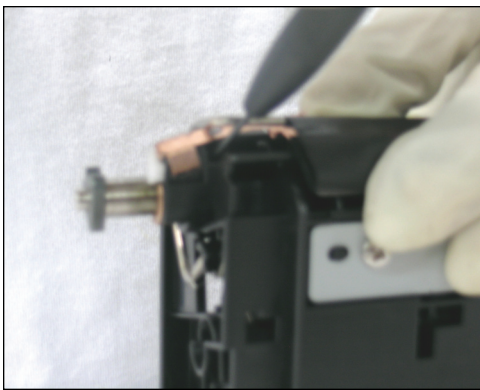
**47** After releasing the contact, move it to the end where you will need to remove the insert.



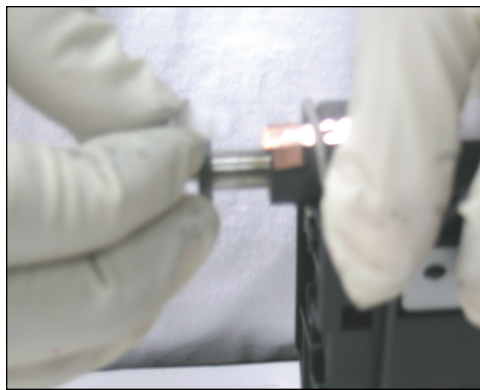
**48** Insert a small flat screwdriver into a small hole located under the contact. Tilt the screwdriver to push it out.



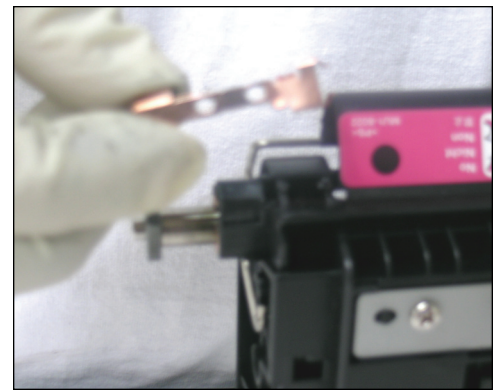
**49** Contact pushed out.



**50** Remove the white tab (ring) to unlock the axle as shown.



**51** Pull the axle out half an inch so it will allow you to remove the insert.

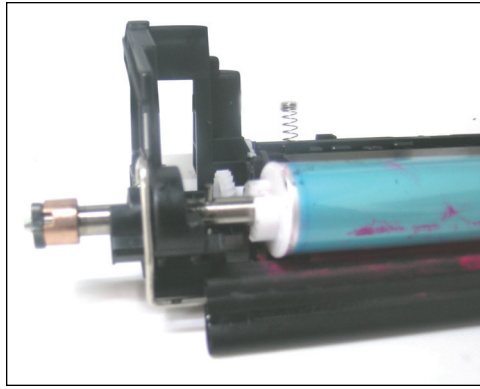


**52** Remove the contact.





**53** Pry out the axle bearing as shown.



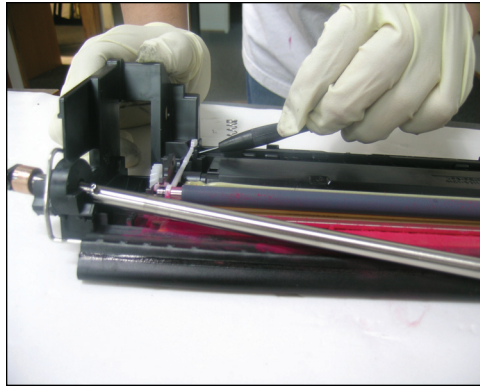
**54** Let the bearing hang on the edge as shown.



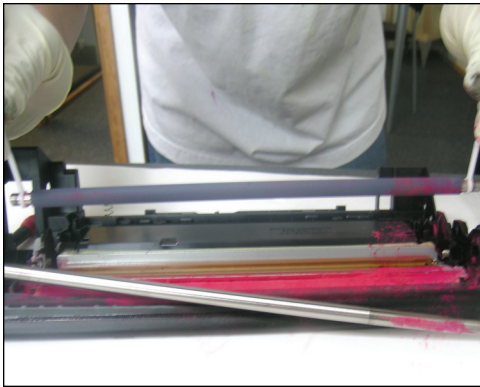
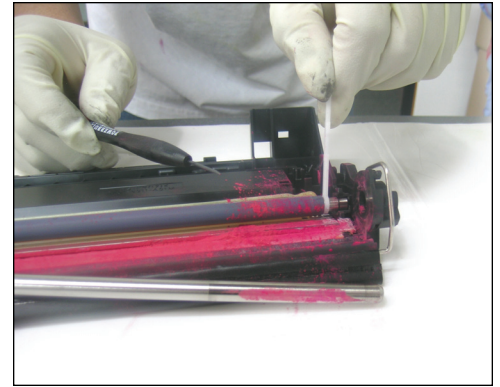
**55** Tilt the drum and axle at a 30-degree angle to remove the drum.



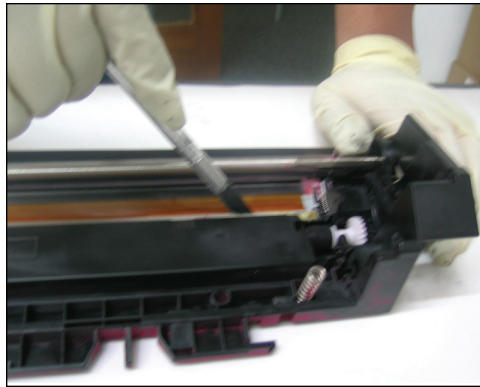
**56** Slide out the drum as shown.



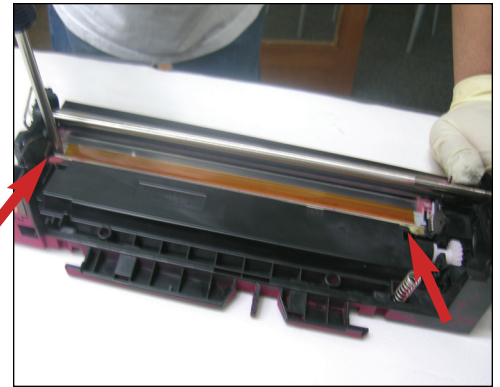
**57** Remove the PCR roller by unclipping both sides as shown.



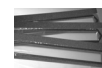
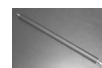
**58** PCR roller removed.



**59** To remove the wiper blade, cut the factory adhesive so it allows you to remove the blade.



**60** Remove the wiper blade by unscrewing both sides as shown.



**USA**  
Ph: +310-280-9620  
Fx: +310-838-7294

**EUROPE**  
+34-93-757-1335  
+34-93-741-4166

**JAPAN**  
+81-3-44-55-2789  
+310-838-7294

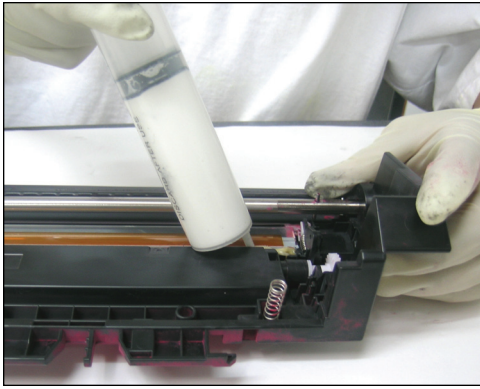
**BRAZIL**  
+55-11-4822-3033  
+55-11-4822-3353

**ARGENTINA**  
+54-11-4571-2388  
+54-11-4574-3706

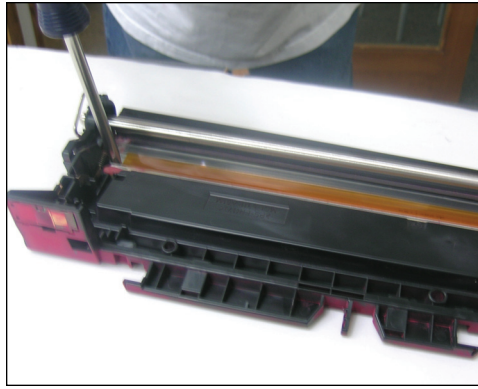
11124 Washington Blvd., Culver City, California U.S.A. 90232 • techsupport@uninetimaging.com

All Trademark names are property of their respective owners. Product brand names mentioned are intended to show compatibility only. Uninet Imaging does not guarantee or warrant downloaded information.  
© 2006 Uninet Imaging Inc.





**61** After cleaning the wiper blade, we are now ready to reinstall it. Add adhesive or caulking to prevent leakage.

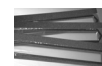
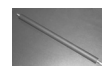


**62 ASSEMBLING THE CARTRIDGE** Reassemble the cartridge by following the “disassembly” steps in reverse.

**DRILLING & FILLING TIPS**

1. Make sure that the hole size you drill matches the plug you are going to use.
2. The plug can be a maximum of 9mm deep. Any deeper will block the flaps inside from spinning.
3. If you prefer not to drill a hole, you can also fill the hopper through the doctor blade opening.
4. Before installing the drum, make sure the contacts inside are angled in the correct place; otherwise, the drum may cause print defects.

**NOTES**



<b>USA</b>	<b>EUROPE</b>	<b>JAPAN</b>	<b>BRAZIL</b>	<b>ARGENTINA</b>
Ph: +310-280-9620	+34-93-757-1335	+81-3-44-55-2789	+55-11-4822-3033	+54-11-4571-2388
Fx: +310-838-7294	+34-93-741-4166	+310-838-7294	+55-11-4822-3353	+54-11-4574-3706

11124 Washington Blvd., Culver City, California U.S.A. 90232 • techsupport@uninetimaging.com