

HP® COLOR LASERJET 3500

TONER CARTRIDGE REMANUFACTURING INSTRUCTIONS



HP COLOR LASERJET 3500 TONER CARTRIDGE

REMANUFACTURING THE HP 3500 COLOR LASERJET TONER CARTRIDGE

By Javier Gonzalez and the Technical Staff at UniNet



1. Use a 7/64" (11 mm) drill bit to drill two holes opposite each other around the pin area on the gear side as shown.

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



2. Repeat the same procedure on the contact (gearless) side.



3. Use a hook tool to remove the spring that connects the drum unit to the toner cartridge.



4. Separate the two halves.

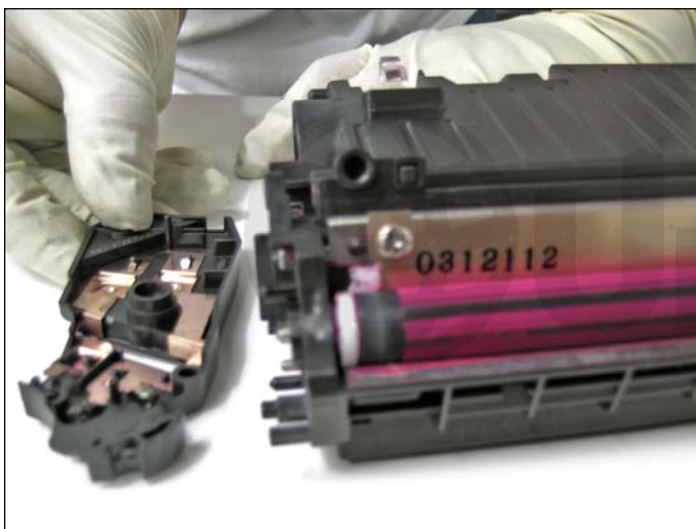


TONER CARTRIDGE DISASSEMBLY

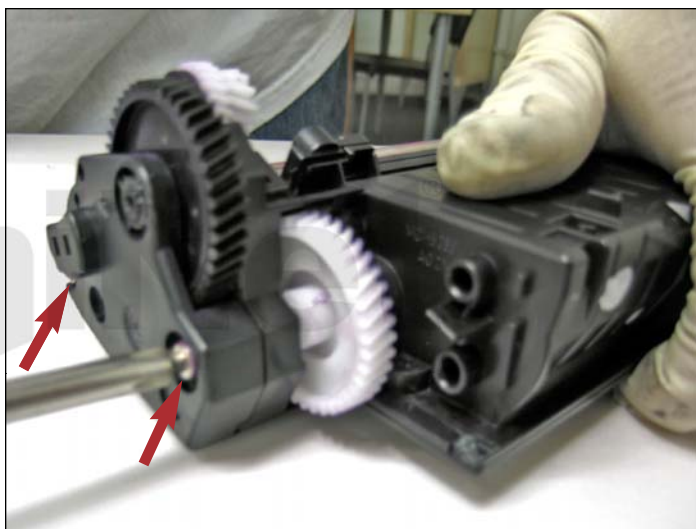
5. Remove the screw from the contact-side end-cap.



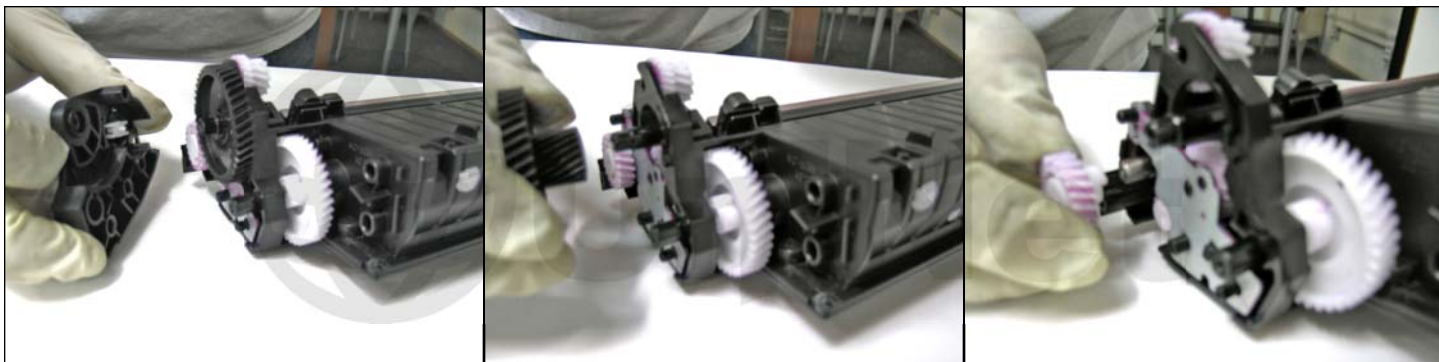
6. Press in on the end cap locking clip to unlock and remove the end cap.



7. The inner contacts should come off along with the end cap.



8. Use a Phillips screwdriver to remove the two screws shown on the gear side cover.



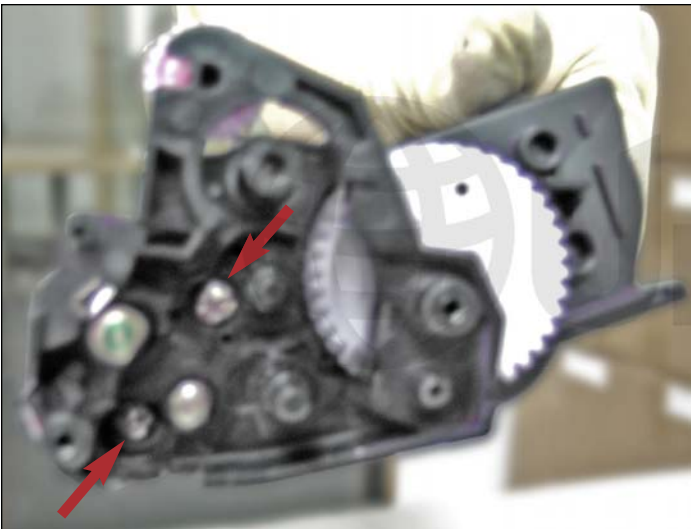
9. Remove the gear cover and the two outer gears shown.



10. Use a small flat head screwdriver to pry out the metal gear plate shown.



11. Remove the three small inner gears shown.



12. Remove the two screws on the roller support assembly, then slide it out.

it should come off fairly easily.

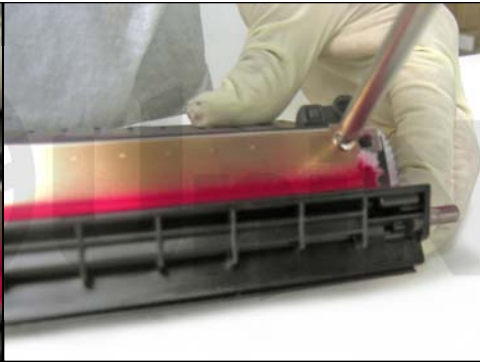




13. Remove the developer roller, lifting from one side, then sliding it out as shown.

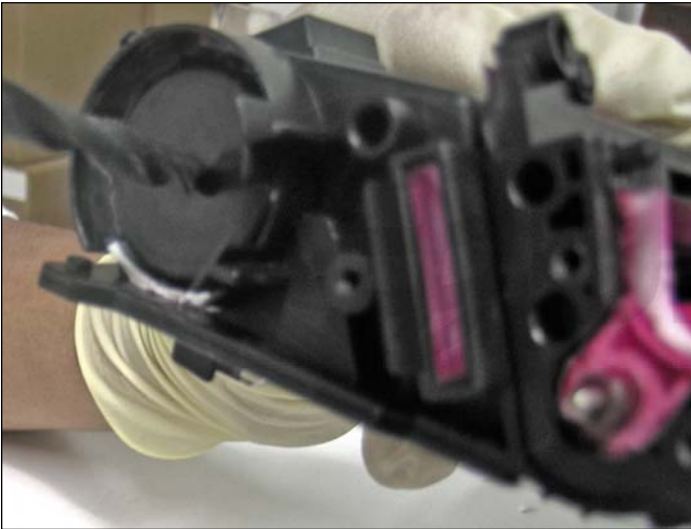


14. Remove the two roller support plate screws, and roller support plate on the contact (gearless) side.



15. Remove the two doctor blade screws, and doctor blade. Clean the doctor blade with a lint-free cloth, and apply a small amount of pressure. Do NOT use any chemicals.

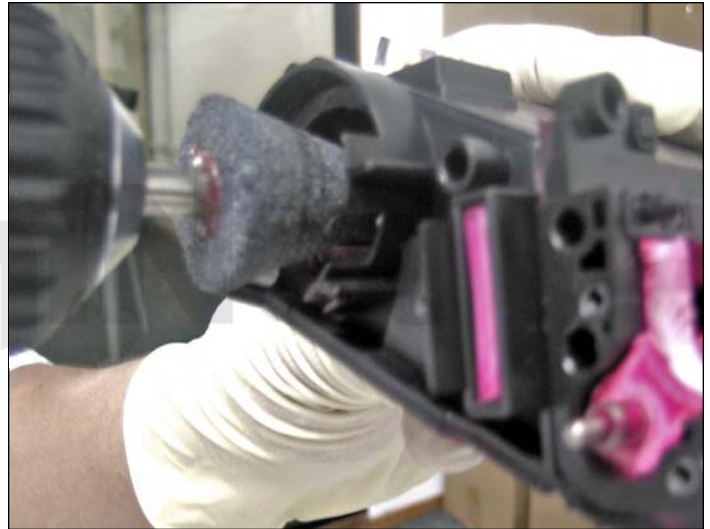
Shake off excess toner from the hopper. A few moderate taps will help loosen the toner, and will not harm the cartridge. Clean with compressed air.



16. You must now drill and create your own fill hole, using a 1/2" (12.5 mm) drill bit to center the hole. Be careful not to drill too deep as to damage the toner sensor window inside.

DRILLING & FILLING OPTIONS

1. Make sure 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 prevent the flaps inside from spinning.
3. If you prefer not to drill a hole, you may fill the hopper through the doctor blade opening.



17. Use a one-inch (25.4 mm) 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.

Dump out any remaining toner from inside the cartridge. Clean again with compressed air. This will prevent any drilled plastic shavings from damaging the toner cartridge.



TONER CARTRIDGE ASSEMBLY

18. Install the new or cleaned doctor blade.



19. Fill with new toner.



20. Prior to installing the new fill plug, wipe the new fill hole area clean of toner.

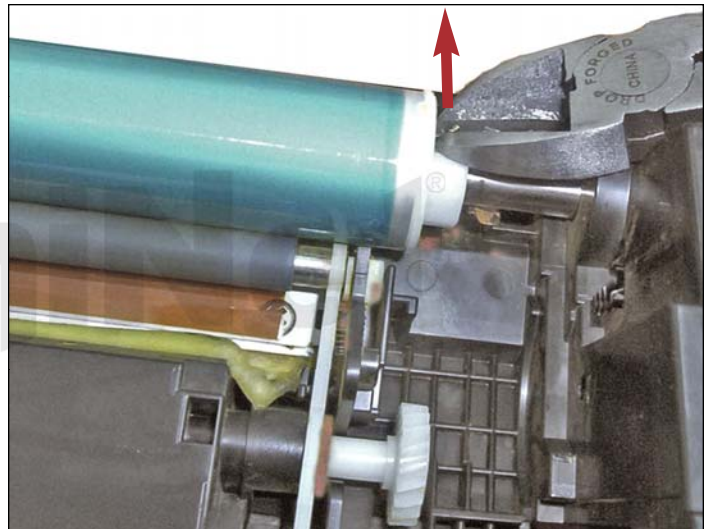
Apply silicone or caulking to the edges of the new toner fill plug to create a seal.

Install the new fill plug.



DRUM UNIT DISASSEMBLY

21. Push the drum pin out (downward) through the hub as shown, using a pin-punch and small hammer. Rotate the drum so that the extruded pin faces up.



22. Grip the pin and pull it out, using a pair of pliers. Brace the pliers against the right edge of the cartridge for leverage.



23. Remove the insert that holds the drum axle bearing in place, by pushing it out from the inside.

Insert a flat head screwdriver through the hole shown to accomplish this.



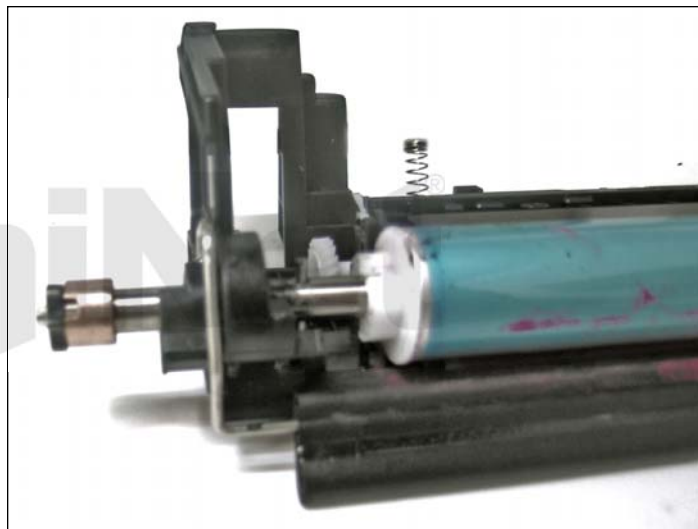
24. Insert a small flat screwdriver into a small hole beneath the contact shown.

Turn the screwdriver to push the white tab out.

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



25. Pry out the axle bearing as shown.



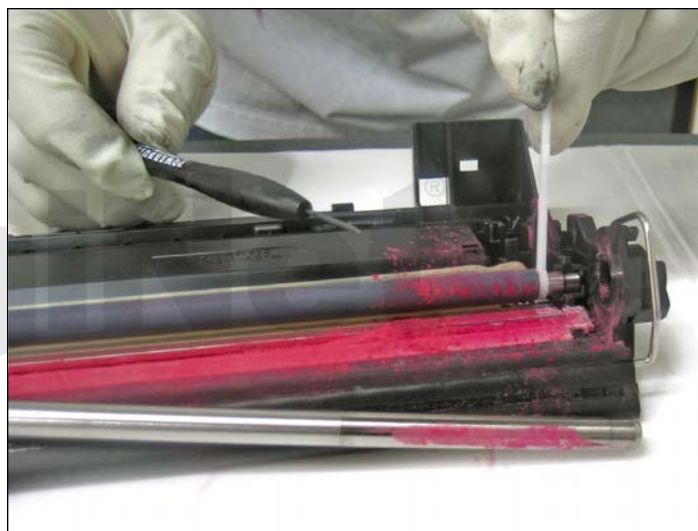
26. Let the bearing hang on the edge as shown.



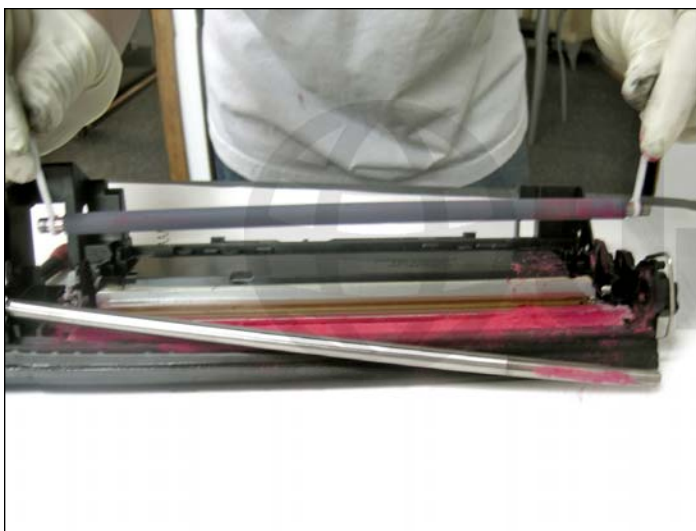
27. Tilt the drum and axle upward, at a 30-degree angle to remove the drum.



28. Slide out the drum as shown.



29. Unlock the PCR by pressing in on the locking tabs shown.



30. Remove the PCR.

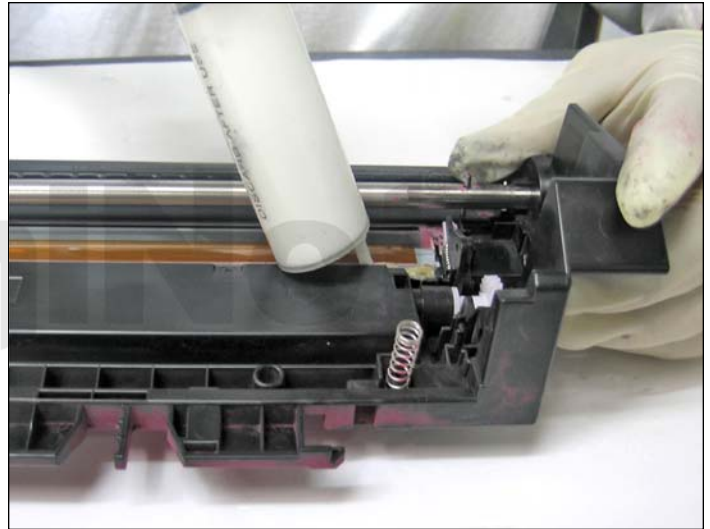


31. Use an X-Acto knife to cut through the factory adhesive and release the wiper blade.



32. Remove the two wiper blade screws, and the wiper blade.

Clean the wiper blade.



33. Before installing the new or cleaned wiper blade, apply an adhesive or caulking to seal and prevent leakage.

Assemble the drum unit by following the disassembly steps in reverse order.

NOTE: Before installing the drum, make sure the contacts inside are angled in the correct place; otherwise, the drum may cause print defects.