

Remanufacturing Instructions

Samsung ML3560

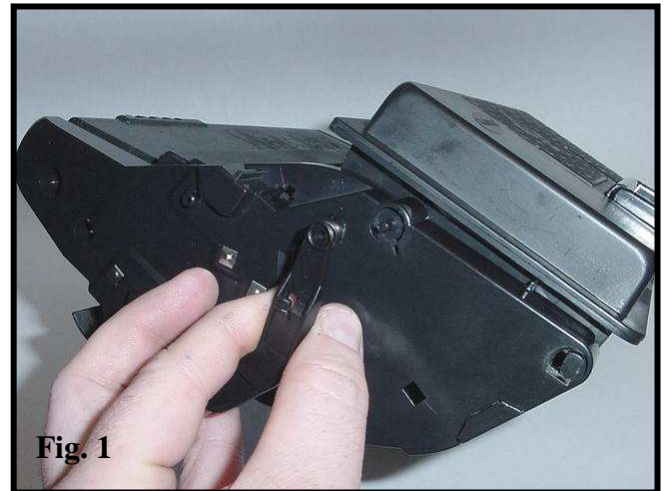
For Technical Support, please call (800) 322 8992 ext 110



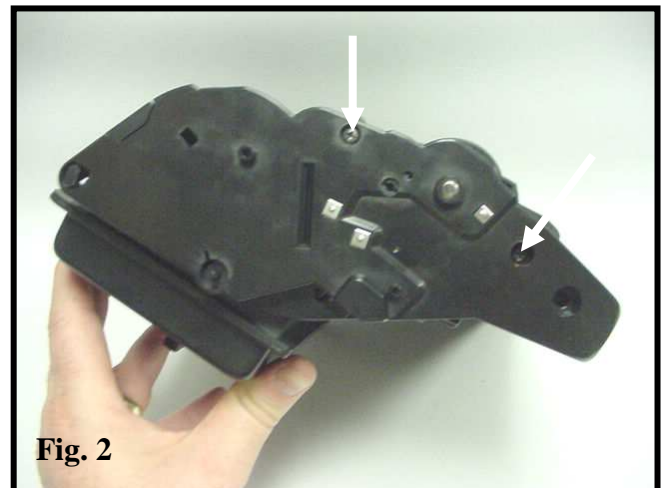
OEM Reference Information:

Part #	Yield @ 5%
ML 3560D6	6000
ML 3560DB	12000

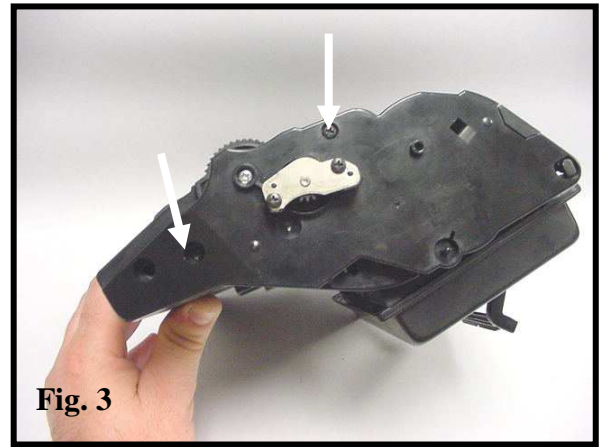
1. Remove the drum shutter arms from both ends of the cartridge to remove the drum shutter (Fig.1).



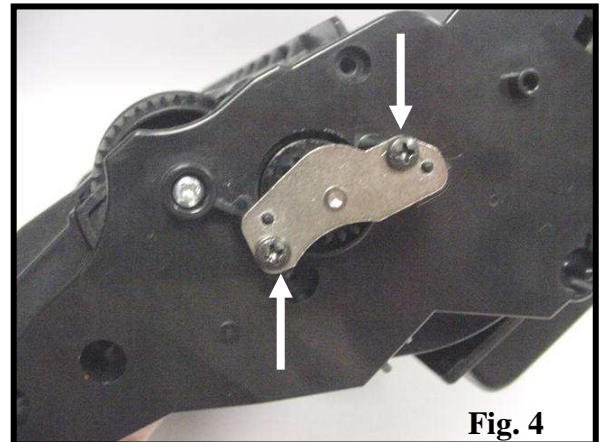
2. Remove two screws from the contact side end cap (Fig. 2). Do not remove end cap at this time.



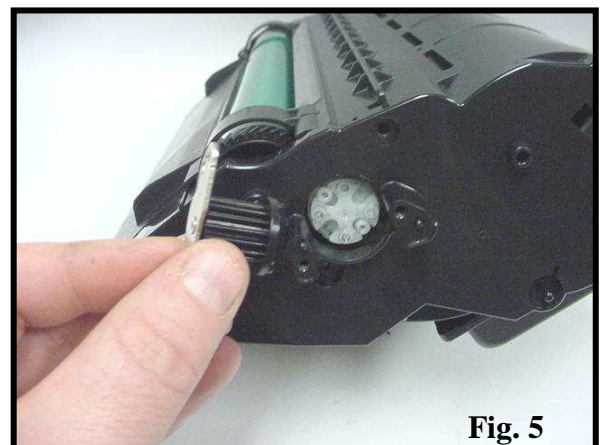
3. Remove two screws from the gear side end cap (Fig. 3).



4. Remove two screws from the gear plate (Fig. 4).



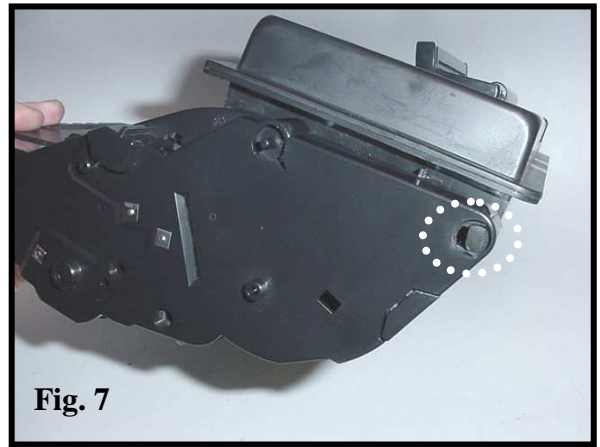
5. Remove the gear and plate from the end cap (Fig. 5).



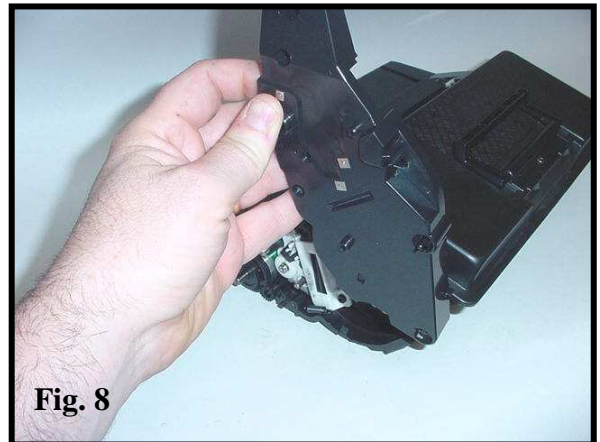
6. Tension springs secure the end caps to the toner hopper on each side of the cartridge. Use a spring hook tool to release the springs from each end cap (Fig. 6).



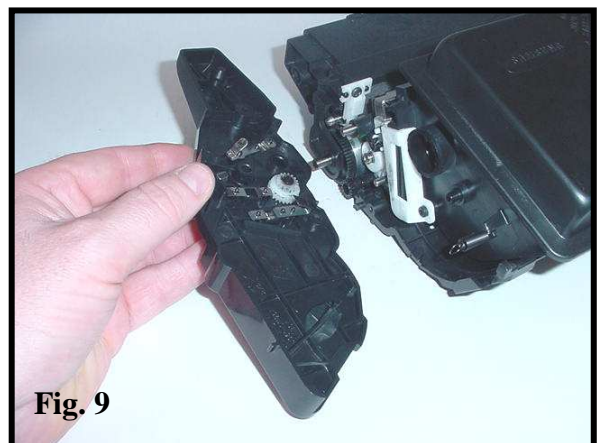
7. The contact side end cap has a locking tab that secures the end cap to the frame of the cartridge (Fig. 7).



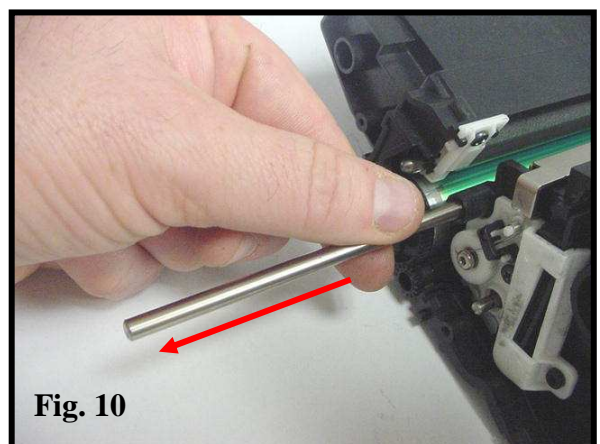
8. Gently pry the end cap from the top of the cartridge body and rotate clock wise to release the end cap from the tab on the cartridge frame (Fig. 8).



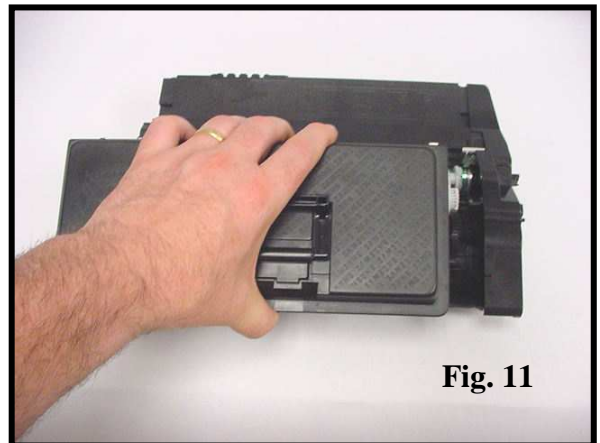
9. Remove the end cap (Fig. 9). Locate the tension spring and set aside.



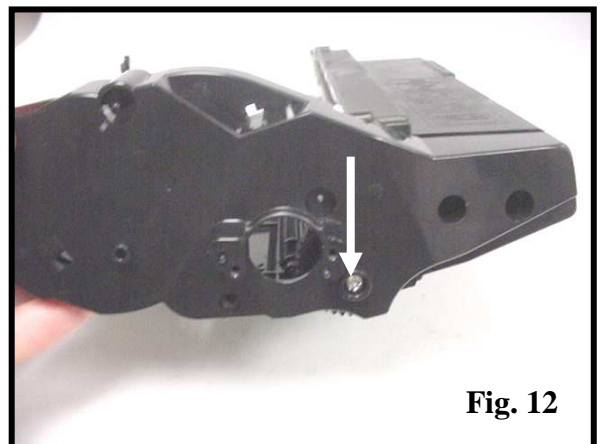
10. Remove the metal rod (Fig. 10). The rod secures the toner hopper to the end caps.



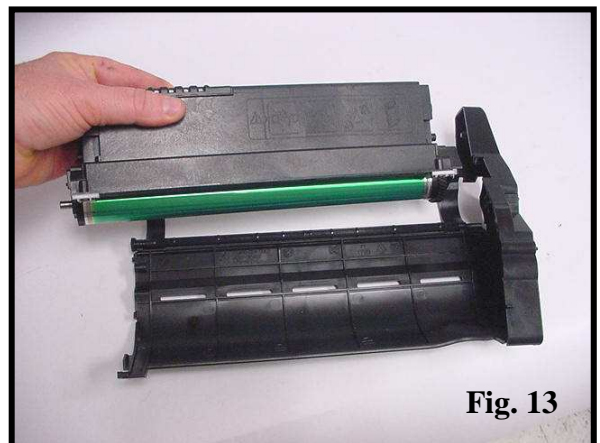
11. Remove the toner hopper (Fig. 11).



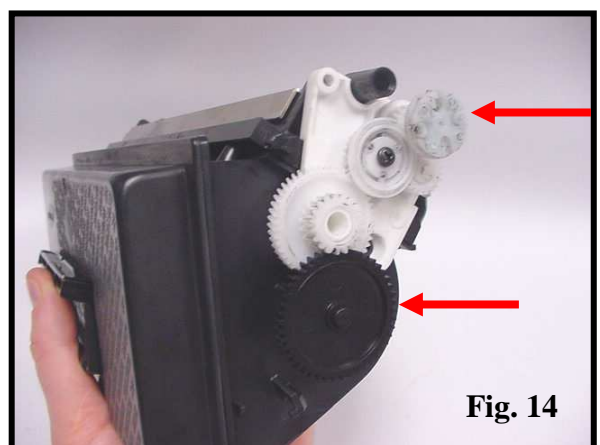
12. Remove the screw that secures the drum axle to the end cap (Fig. 12).



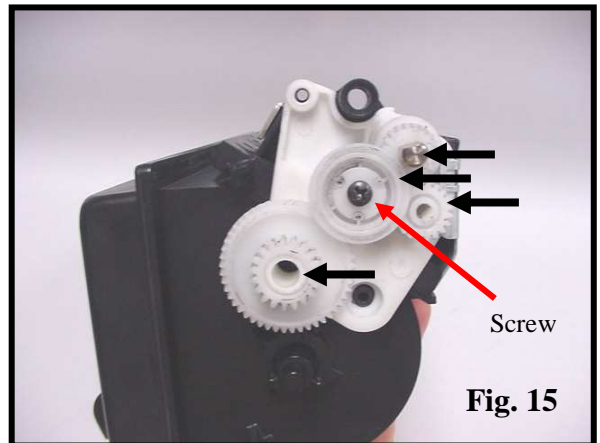
13. Remove the drum unit (Fig. 13).



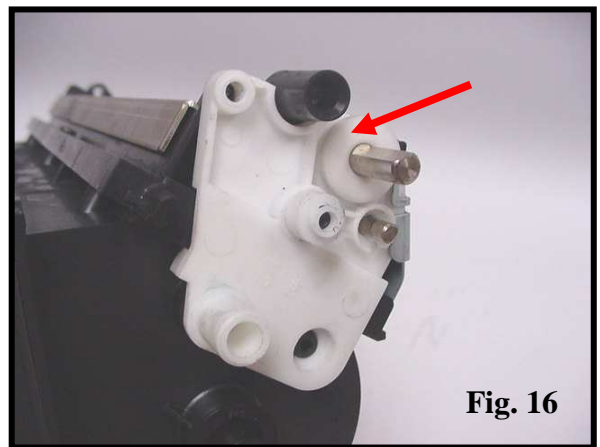
14. On the toner hopper section, make a note of the gear orientation. Remove the large black gear and the white drive gear (Fig. 14).



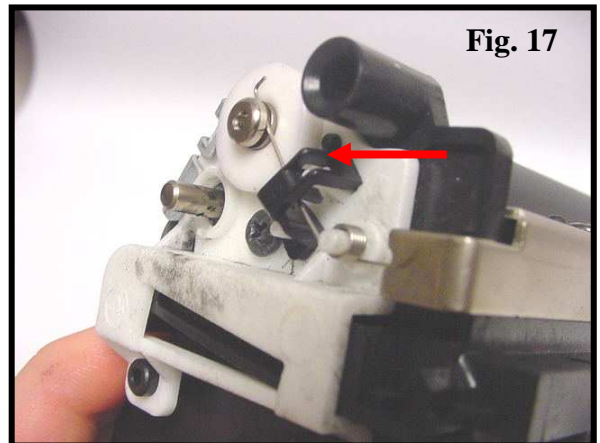
15. Remove the screw from the gear in the center (Fig. 15). Remove the remaining four gears.



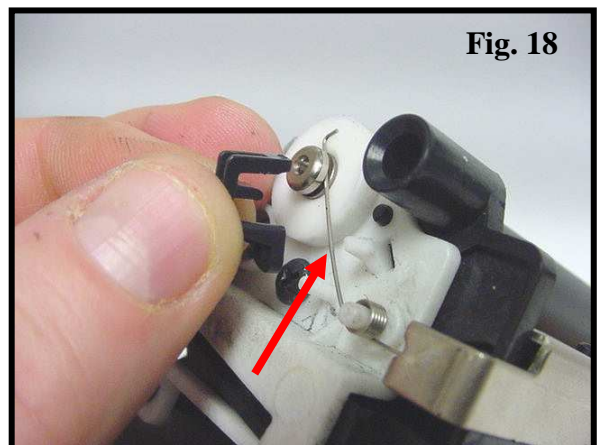
16. Remove the white bearing from the developer roller shaft (Fig. 16).



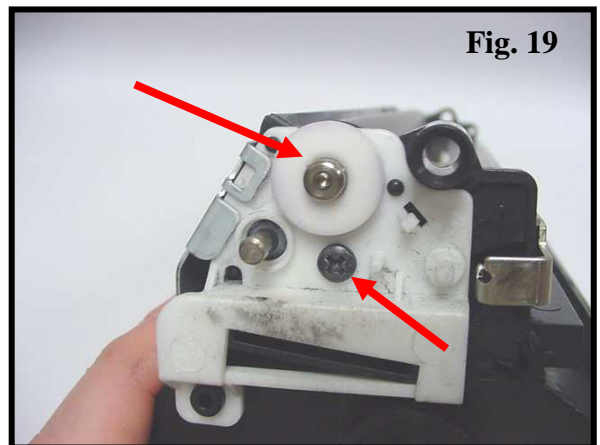
17. On the opposite side of the hopper, release the locking tab that holds the black spring housing in place (Fig. 17).



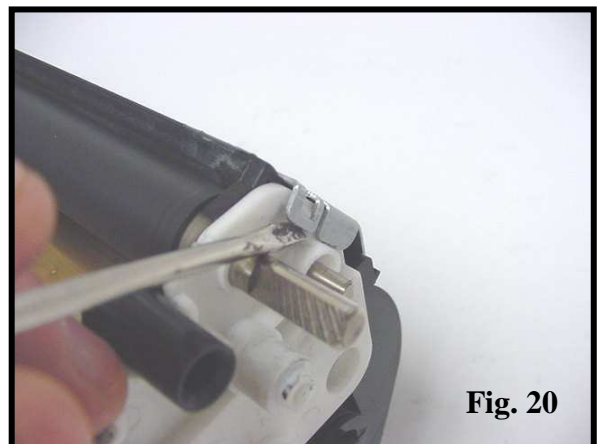
18. Remove the black housing and spring contact (Fig. 18).



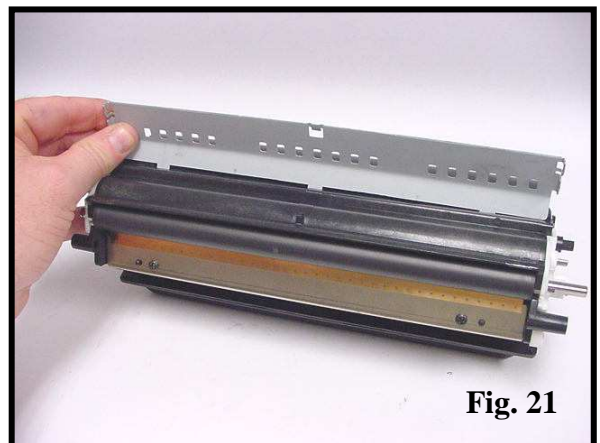
19. Remove the developer roller bearing and the screw that secures the end plate (Fig. 19).



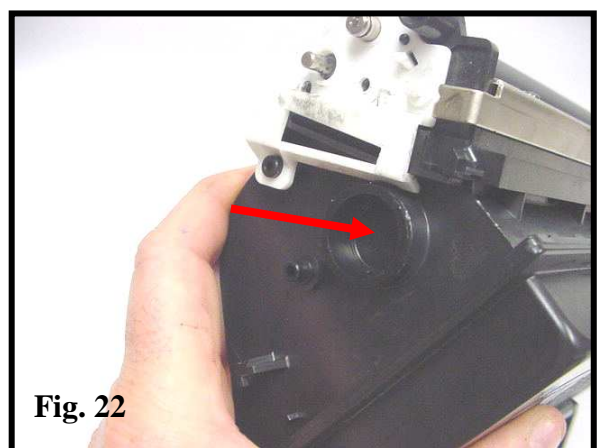
20. Pry up on the metal plate on each end of the toner hopper to release the locking tabs (Fig. 20).



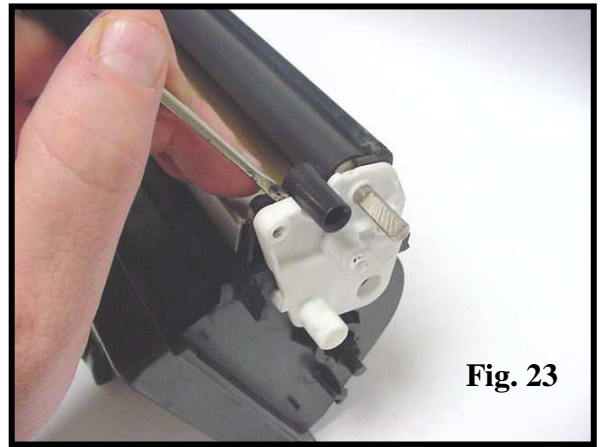
21. Remove the plate from the toner hopper (Fig. 21).



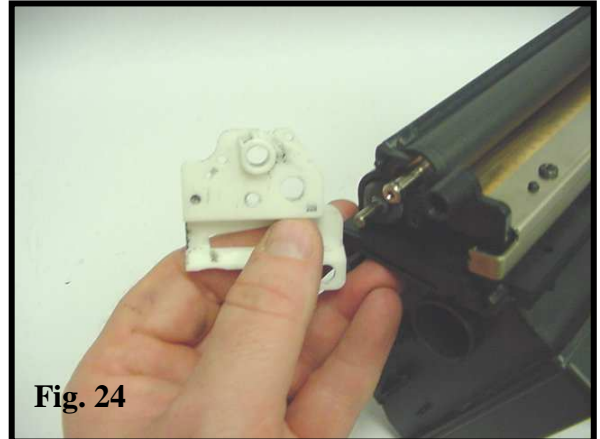
22. Remove the fill plug and dump all remaining toner from the hopper (Fig. 22).



23. Use a small flat head screw driver to pry of the developer roller end plate (Fig. 23).



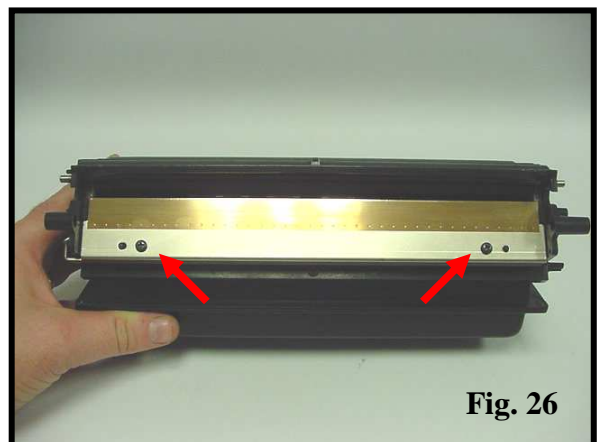
24. Remove the developer roller end plates from each side of the toner hopper (Fig. 24).



25. Remove the developer roller from the toner hopper (Fig. 25). Clean the roller with compressed air and set aside for reassembly.



26. Remove two screws that secure the doctor blade (Fig 26). Remove the doctor blade and clean with compressed air.



27. **NOTE:** *The next two steps are only needed if you are sealing the cartridge.* Remove the screw that secures the developer roller housing (Fig. 27).



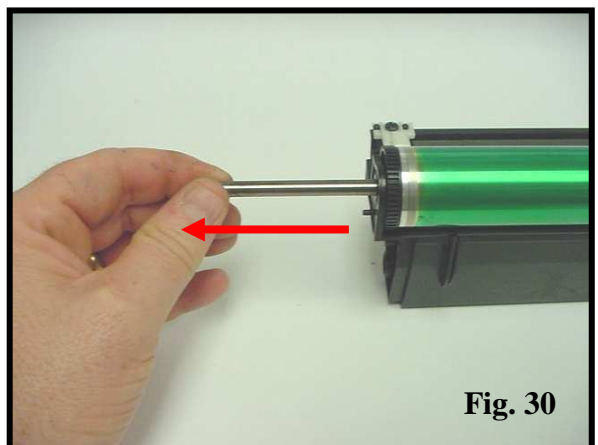
28. Remove the developer roller housing (Fig. 28). Clean the toner hopper thoroughly. Apply seal and secure developer roller housing with one screw.



29. Clean all components thoroughly with compressed air. Reassemble toner hopper in reverse order. Fill the hopper with the correct gram load of toner (Fig. 29).



30. Remove the drum axle from the small gear end of the drum, remove the drum from the waste bin (Fig. 30). During reassembly insert the drum axle through the opposite end of the drum (large gear). This will prevent damaging the drum contact on the inside of the drum.



31. Remove the two screws that secure the PCR housing to the waste bin (Fig. 31). Remove the housing for cleaning.

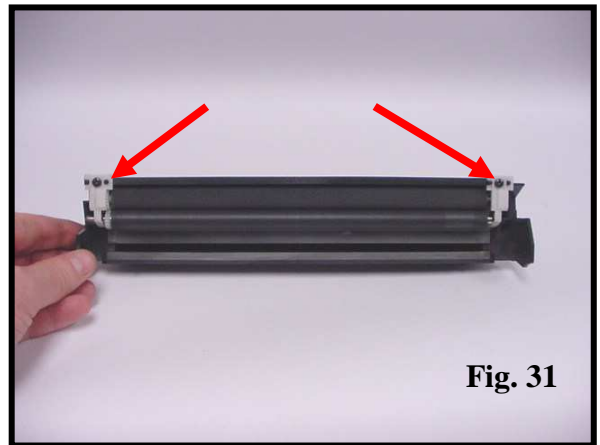


Fig. 31

32. Remove the plastic end plates from the PCR and foam roller (Fig. 32). Clean the PCR, use compressed air to clean the foam roller and set aside for reassembly.



Fig. 32

33. Remove two screws that secure the wiper blade (Fig. 33). Remove the wiper and clean all residual toner from the waste bin using compressed air or vacuum.

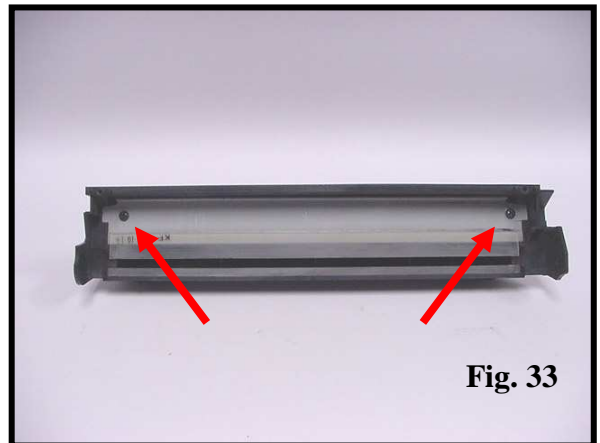


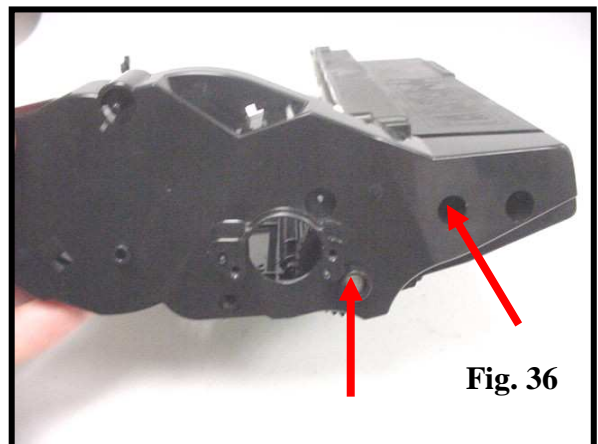
Fig. 33

34. Clean or replace all components and reassemble the drum unit in reverse order (Fig. 34).

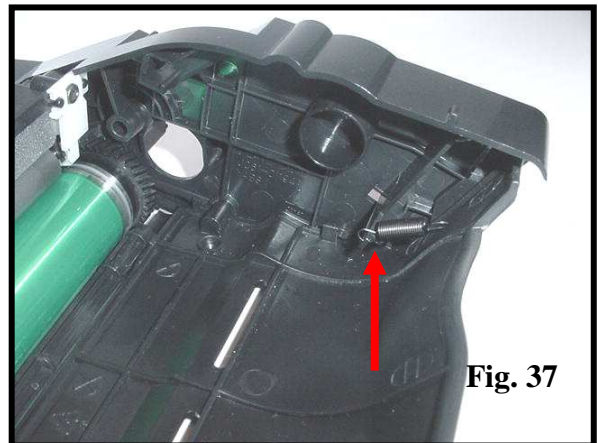


Fig. 34

35. Reassembling the drum and toner unit to the cart frame can be tricky, be sure to do the following in order.
Place the drum unit into the cartridge frame (Fig. 35).



36. Install the silver screw to the drum axle (Fig. 36), and black cartridge screw to the waste bin.



37. Install the tension spring to the tab on the end plate (Fig. 37).



38. Place the toner hopper into the cartridge frame (Fig. 38).

39. Use a spring hook tool to attach the tension spring on the end plate to the tab on the toner hopper (Fig. 39).

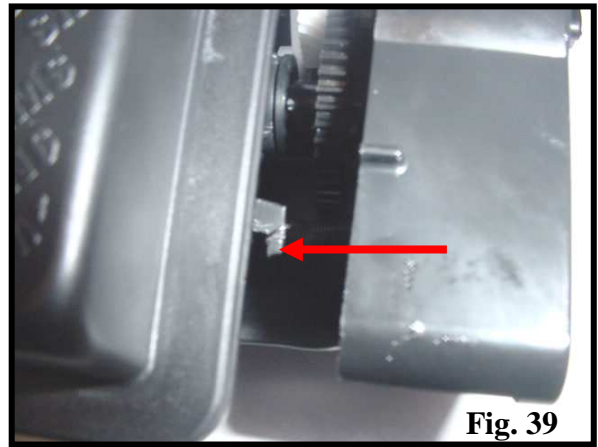


Fig. 39

40. Install the metal rod into the toner hopper until it is seated in its housing on the end cap (Fig. 40).

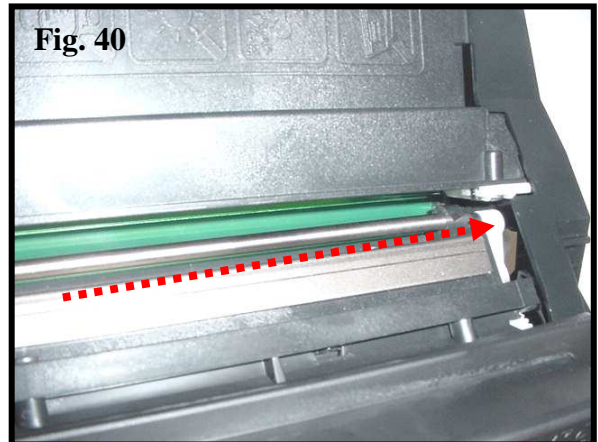


Fig. 40

41. Install the last end cap to the locking tab on the toner hopper (Fig. 41). Attach the tension spring to the toner hopper and end cap. Rotate the end cap down and snap in place to the cartridge frame, secure with two screws.

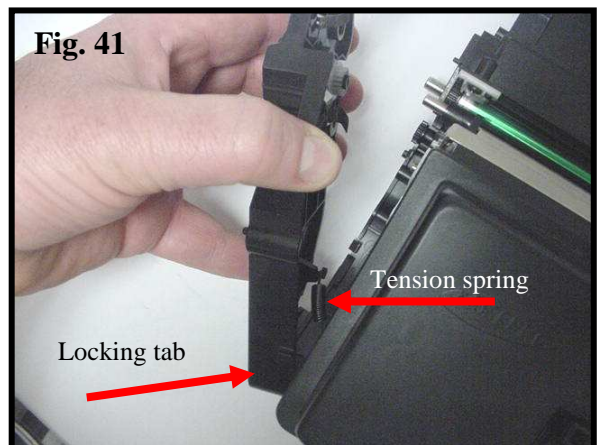


Fig. 41

42. Install the drive gear with the metal plate and secure with two screws (Fig. 42). Install the drum shutter door to the cartridge.

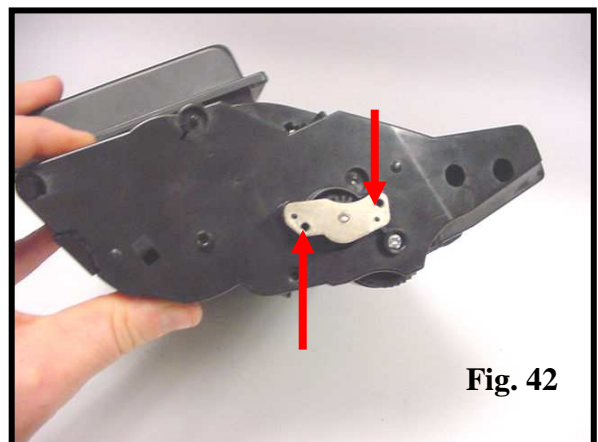


Fig. 42

43. Remove the screw that secures the chip with the plastic housing (Fig 43).

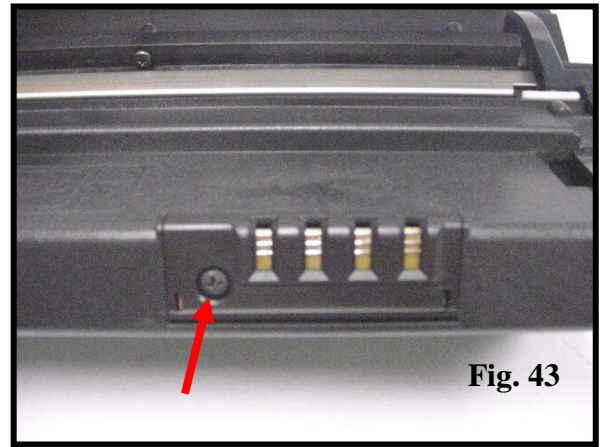


Fig. 43

44. Replace chip and secure to cartridge using one screw.

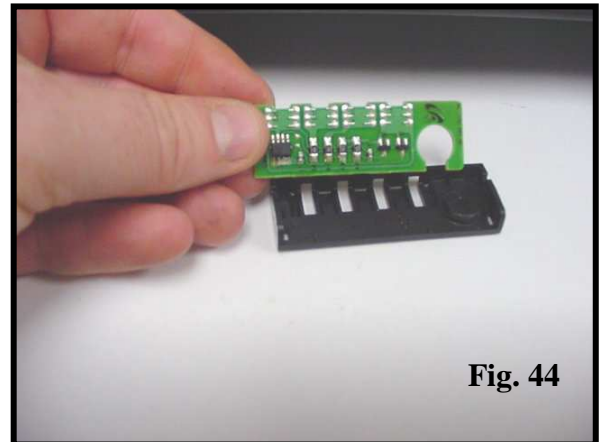


Fig. 44

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