

Dell 1720 / Lexmark E250 Remanufacturing Instructions



Oasis Imaging Products, Inc. Technical Support: 800- 322- 8992 ext 110



Reference Information: [Dell 1720](#)

Tools Required:

Flat Head Screwdriver

OEM Cartridge Yield @ 5%

Standard 3000

High Yield 6000

Supplies Required:

Toner: Oasis # L5TN10195

OPC Drum: Oasis # D1DR3050

Wiper Blade: Oasis # D1WB20

Chip: Oasis # L5CH10HY (6K Yield)

Chip: Oasis # L5CH10LY (3.5K Yield)

Reference Information: [Lexmark E250](#)

Tools Required:

Flat Head Screwdriver

OEM Cartridge Yield @ 5%

Standard 3500

Supplies Required:

Toner: Oasis # L5TN10140

OPC Drum: Oasis # D1DR3050

Wiper Blade: Oasis # D1WB20

Chip: Oasis # LMCHE250

1. The OPC unit consists of the OPC housing, OPC Drum, PCR, and the wiper blade (Fig. 1).



Fig. 1

2. Use a flat-head screwdriver and remove the small e-clip from the side of the cartridge with the smaller, spur gear (Fig 2).

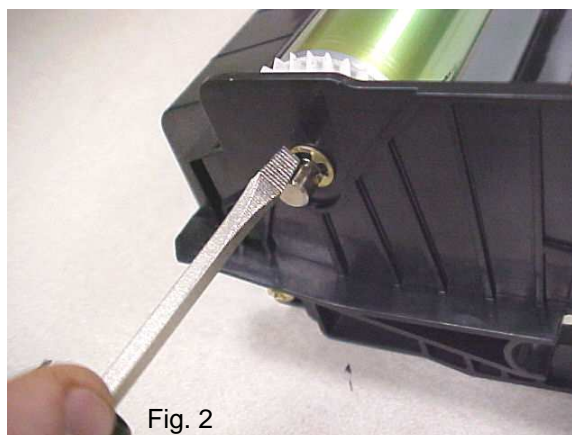
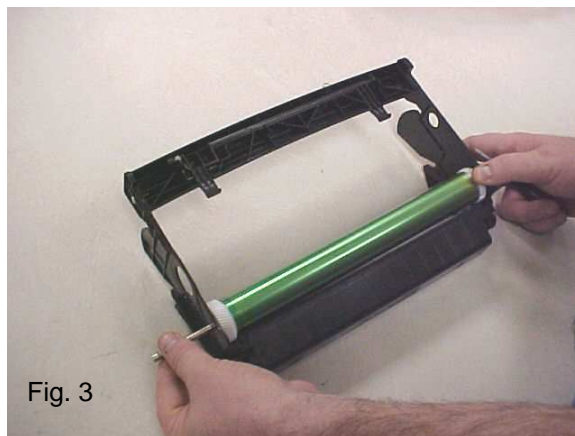


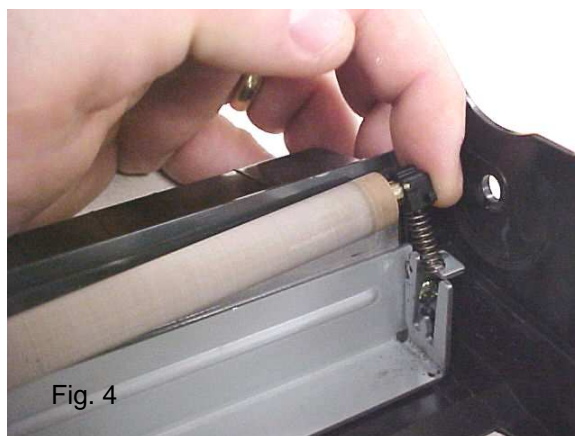
Fig. 2

3. Pull the drum axle out from the large drive gear side of the cartridge (Fig. 3). Keep the e-clip on the large gear side of the cartridge attached to the shaft for convenience.

Note: Push the drum axle in from the small gear side during reassembly to avoid breaking the contact located inside the drum.



4. Remove the PCR by lifting up on the spring loaded saddles. Clean the PCR with compressed air or vacuum, and a lint free cloth (Fig. 4). Make note of the pcr saddle configuration for reassembly.



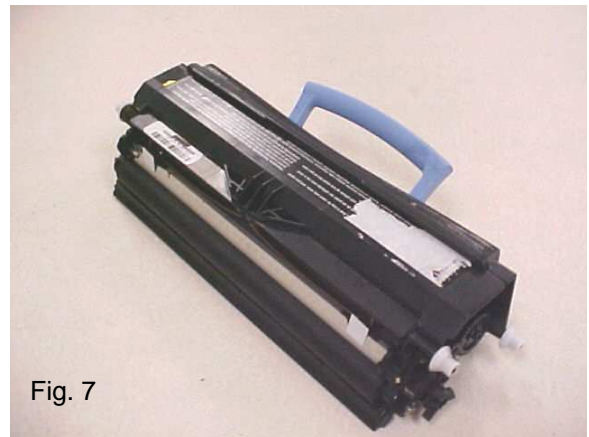
5. Use a Phillips screwdriver to remove the screws on the wiper blade. Use compressed air or vacuum old toner out of the waste hopper (Fig. 5).



6. Clean or replace components and reassemble in reverse order (Fig. 6).



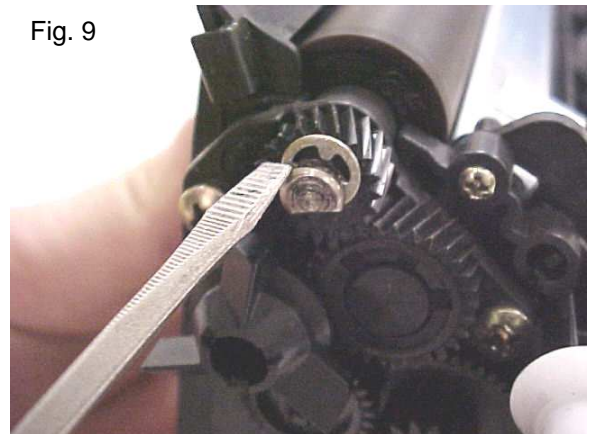
7. The imaging components that will need to be removed to facilitate the proper cleaning and remanufacturing of the toner/developer section are the doctor bar tension spring, developer roller, and the toner fill cap (Fig. 7).



8. Before you can remove the developer roller, it will be necessary to remove the doctor bar tension spring. If the spring is not removed, it will push the doctor bar out of position. To remove the tension spring, simply push it down and out. It will disengage itself (Fig.8).



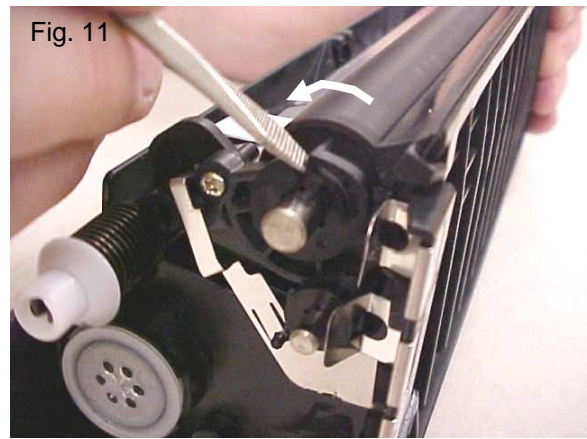
9. To remove the developer roller, it is necessary to remove the e-clip from the developer roller shaft (Fig.9).



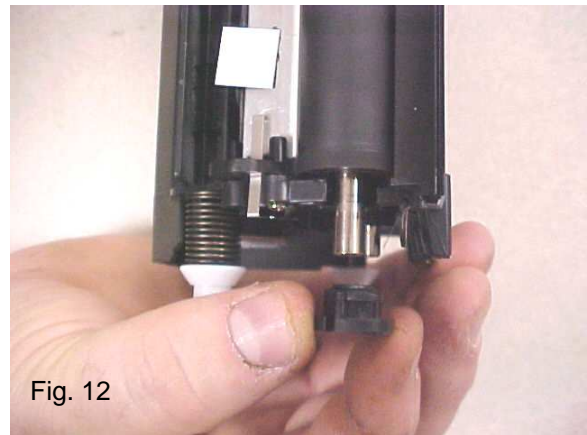
10. After removing the e-clip from the developer roller drive shaft, remove the small helical drive gear from the shaft and set it aside (Fig. 10).



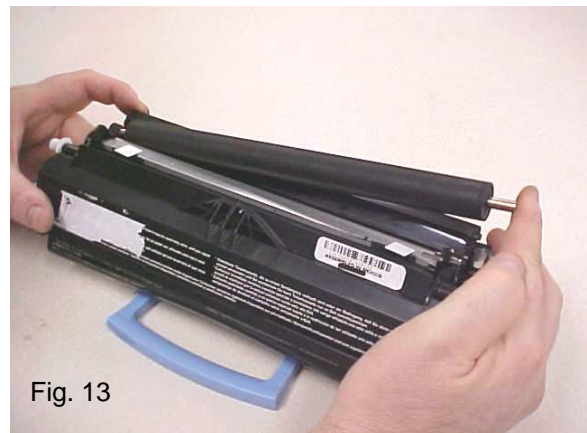
11. On the opposite side of the cartridge is the developer roller-locking tab. To remove the locking tab, insert a small flat-head screwdriver into the v-notch that has been cut out on the tab. Rotate the locking tab up toward the Doctor Bar. This motion will disengage the tab and allow the developer roller to be removed (Fig. 11).



12. To remove the developer roller locking tab, simply grab it with your fingers and pull it off the end of the developer roller shaft (Fig. 12).



13. To remove the developer roller from the toner hopper, gently push the shaft from the geared end of the developer roller toward the fill cap side of the toner hopper. Lift up the other end of the developer roller, as indicated in the picture at left, and remove it from the toner hopper (Fig. 13).



14. After removing the developer roller, clean the toner hopper with a vacuum or compressed air. To ensure that all the OEM toner is removed, it will be necessary to remove the toner fill plug. This will enable you to can clean out the area behind the toner delivery roller (Fig. 14).



15. Using compressed air and a vacuum, clean all of the OEM toner from the toner hopper. Carefully remove all toner from the toner adder roller (sponge roller) with the compressed air/vacuum. After toner removal, refill with new toner and reassemble the cartridge in reverse order, ensuring that all contacts are clean (Fig. 15).

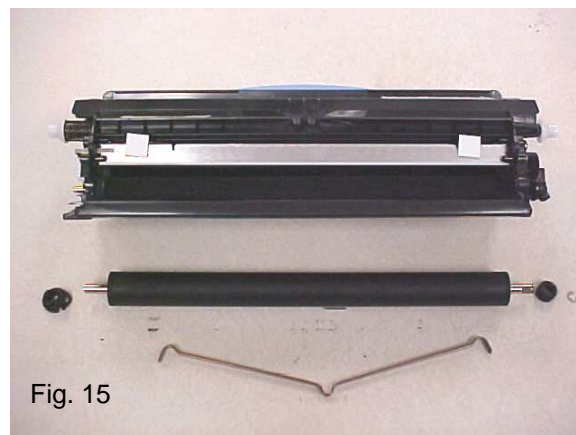


Fig. 15

16. After reassembling the toner cartridge, you will need to change the used OEM chip with a new aftermarket chip. The chip is located on the underside of the cartridge. Simply pry off the OEM chip with a small flat-head screwdriver. To install the replacement chip, pull off the adhesive backing on the rear of the chip and place the chip on the toner cartridge (Fig. 16).

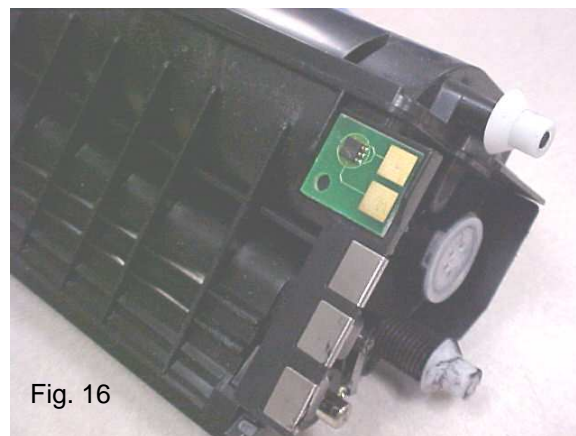


Fig. 16



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