



BRDR200TECH

Technical Instructions	Machine Compatibility	OEM Info	Tools	1
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See page 8

Part Number: DR-200
Yield @ 20,000 pgs
Pages/Min.: 6
Resolution: 600x600 dpi

Phillips Screwdriver
Small flat blade Screwdriver
Supplies Required:
Cotton Swab
99% Alcohol
Replacement Drum

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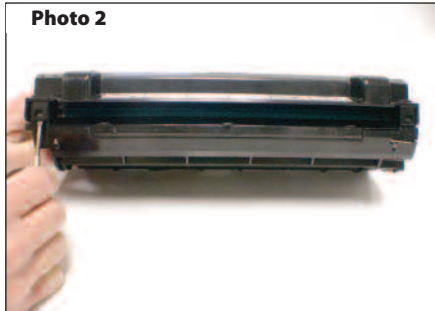
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Step 1
Remove the two screws from the top of the drum unit.
(See Photo 1)



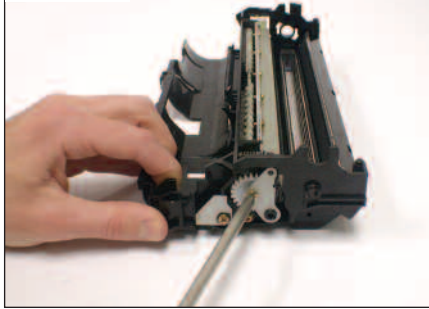
Step 2
Using a small flat blade screwdriver, release the two locking tabs located just below the two screws.
(See Photo 2)



Step 3
Locate the metal toner cover in the two slots on top of the cartridge.
(See Photo 3)

Notes

Photo 15

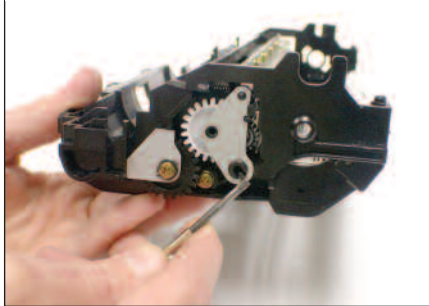


Step 15

Remove the screw holding the metal developer roller end plate.

(See Photo 15)

Photo 16



Step 16

Release the plastic locking tab that holds the metal developer roller end plate.

(See Photo 16) Remove the end plate.

Photo 17



Step 17

Remove the large white gear, the developer roller drive gear, and the developer roller bearing from the side of the cartridge.

(See Photo 17)

Photo 18



Step 18

Lift the developer roller out from the drive gear end, and slide the roller away from the contact end of the cartridge. (See Photo 18) Clean the roller using dry compressed air and a lint free cloth. Clean the developer roller bearing using a lint free cloth and alcohol. **NOTE:** Visually inspect the developer roller. These rollers usually have a lot of wear and are possibly unusable for a second cycle. You may have to go through a few cores before finding a good roller.

Photo 19

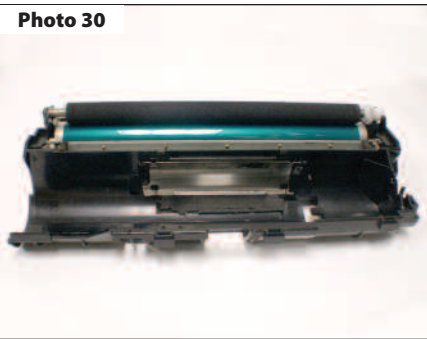


Step 19

Carefully clean the doctor blade using a cotton swab and Acetone.

(See Photo 19)

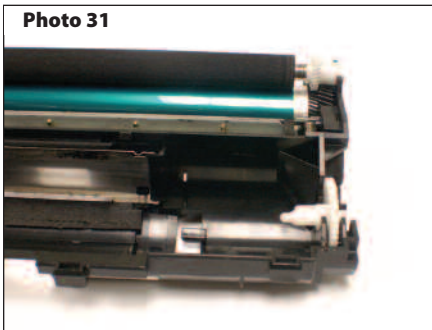
Photo 30

**Step 28**

Place the transfer roller onto the drum.

(See Photo 30)

Photo 31

**Step 29**

Place the toner hopper agitator drive gear onto the cartridge.

(See Photo 31)

Photo 32

**Step 30**

Place the cartridge cover on top of the cartridge and press down until the locking tabs hold the cover in place. Install the two screws that also hold the cover.

(See Photo 32)

Photo 33

**Step 31**

Flip the cartridge upside down. Use your finger to slide the metal toner fill cover until the metal cover is just covering the toner fill opening.

(See Photo 33)

NOTE: If the cover is out of position, an insufficient amount of toner will get to the toner hopper and light print will occur.

Step 32

Test cartridge.

RESETTING THE DRUM COUNTER**Step 1**

Install the jagged end of the clear reset sheet into the cartridge between the drum and transfer roller.

(See Photo 1)

Photo 1

**Step 2**

Rotate the drum so the reset sheet is fed into the cartridge and the end of the sheet is flush with the end of the cartridge with the jagged end of the sheet sticking out the top of the cartridge. (See Photo 2)

NOTE: Once the sheet is fed through the printer, the machine will reset the drum counter.

Photo 2



Need help with a particular remanufacturing problem?

Call the Technical Resource Center from
8am - 5pm PST: 800 394.9900

Remanufacturing the Brother 720 Drum Unit

The Brother HL 720 engine was utilized in a wide variety of printer, fax and multi-function machines. It is now discontinued but a large number of these engines remain in the field. The Brother HL 720 is capable of printing at only 6 pages per minute at 600 x 600 dpi and consists of separate toner and drum units.

The toner unit, OEM P/N TN-200 is nothing more than a tube of toner that holds 90 grams of toner and yields only 2,200 pages. The drum unit, P/N DR-200 contains the developer roller, drum, and transfer roller and yields 20,000 pages.



DR-200

The biggest obstacle in the remanufacturing of the drum unit is trying to find a developer roller that is not damaged.

Streaking caused by worn developer rollers is a constant problem for those who remanufacture the DR-200 drum units. Multiple cores may need to be screened in order to find a good roller.

Due to the current unavailability of replacement rollers, many people pass on remanufacturing this cartridge. Replacement parts are just now becoming available, allowing the remanufacturer to add these cartridges to their product mix. Good profit margins make it attractive to those willing to accept the challenge.

Machine Compatibility

Machine Model	OEM Number	Engine
Brother HL-1020	TN-200	Brother 720
Brother HL-720	TN-200	Brother 720
Brother HL-730	TN-200	Brother 720
Brother HL-730 +	TN-200	Brother 720
Brother HL-730 DX	TN-200	Brother 720
Brother HL-760	TN-200	Brother 720
Brother HL-760 +	TN-200	Brother 720
Brother Intellifax 2550 ML	TN-200	Brother 720
Brother Intellifax 2600	TN-200	Brother 720
Brother Intellifax 2660	TN-200	Brother 720
Brother Intellifax 2750	TN-200	Brother 720
Brother Intellifax 3350	TN-200	Brother 720
Brother MFC 4300	TN-200	Brother 720
Brother MFC 4340	TN-200	Brother 720
Brother MFC 4600	TN-200	Brother 720
Brother MFC 6650 MC	TN-200	Brother 720
Brother Intellifax 3550	TN-5000	Brother 720
Brother Intellifax 3650	TN-5000	Brother 720
Brother Intellifax 3750	TN-5000	Brother 720
Brother MFC 3750	TN-5000	Brother 720
Brother MFC 4350 MC	TN-5000	Brother 720
Brother MFC 4450	TN-5000	Brother 720
Brother MFC 4550	TN-5000	Brother 720
Brother MFC 4550 +	TN-5000	Brother 720
Brother MFC 4650	TN-5000	Brother 720
Brother MFC 6550 MC	TN-5000	Brother 720
Brother MFC 7550 MC	TN-5000	Brother 720
Brother MFC 7650 MC	TN-5000	Brother 720
Brother MFC 7750	TN-5000	Brother 720
Brother PPF 3650 ML	TN-5000	Brother 720
Danka Omnifax L620	TN-5000	Brother 720
Omnifax L620	TN-5000	Brother 720
Omnifax L620e	TN-5000	Brother 720