

Brother HL-4040CN



TECHNICAL INSTRUCTIONS

Technical Instructions	Printers		Cartridge Info		Tools	1
CORPORATE LOS ANGELES, USA US 1 800 394.9900 Int'l +1 818 837.8100 FAX 1 800 394.9910 Int'l +1 818 838.7047 ATLANTA, USA US 1 877 676.4223 US 1 877 676.4223	HL-4040CN 21 PF HL-4070CDW 21 I MFC-9440CN 21F MFC-98CDW 21P DPC-9040 21PPM DCP-9045CDN 21	РМ РРМ РМ РМ РРМ	TN-110BK 2500 pages a TN-110C 1500 pages a TN-110M 1500 pages a TN-110Y 1500 pages a TN-115K 5000 pages a TN-115EK 5000 pages a TN-115EK 4000 pages a TN-115Y 4000 pages a TN-115Y 4000 pages a	t 5% cover t 5% cover	Phillips screwdriver Small flat blade screwdriver Needle nose pliers	Pliers <u>Supplies Required:</u> Toner BR1240FILLCAP

Int'l +1 678 919.1189 FAX 1 877 337.7976 Int'l +1 770 516.7794

KANSAS CITY, USA US 1 913 871.1700 FAX 1 913 888.0626

NEW YORK. USA

US 1 800 431.7884 Int'l +1 631 588.7300 FAX 1 800 431.8812 Int'l +1 631 588.7333

MIAMI, USA

US 1 800 595.4297 Int'l +1 305 594.3396 FAX 1 800 522.8640 Int'l +1 305 594.3309

TORONTO, CAN

CAN 1 877 848.0818 Int'l +1 905 712.9501 FAX 1 877 772.6773 Int'l +1 905 712.9502

MELBOURNE, AUS

AUS 1 800 003. 100 Int'l +62 03 9561.8102 FAX 1 800 004.302 Int'l +62 03 9561-7751

SYDNEY, AUS

AUS 1 800 003.100 Int'l +62 02 9648.2630 FAX 1800 004.302 Int'l +62 02 9548.2635

BUENOS AIRES, ARG ARG 0810 444.2656 Int'l +011 4583.5900 FAX +011 4584.3100

SÃO PAULO, BRAZIL Int'l +55 11 5524.8000

BOGOTÁ, COLOMBIA Int'l +57 1410.8842

CALI, COLOMBIA Int'l +57 2661.1166

MONTERREY, MEXICO Int' +52 55 5333.9800

JOHANNESBURG, S.A. S.A. +27 11 974.6155 FAX +27 11 974.3593

ZHUHAI, PR CHINA Int'I +86 756 3359608 FAX +86 756 3359681



PHOTO 2



Step 2

Using a Phillips screwdriver, remove the two screws that hold the gear housing end cap to the toner hopper (*See photo 3*).

© 2008 Future Graphics Imaging Corporation. All rights reserved. Future Graphics Imaging Corporation (FGIC) is a distributor of compatible replacement parts and products for imaging equipment. None of FGIC's products are genuine OEM replacement parts and no affiliation or sponsorship is to be implied between FGIC and any OEM.



Step 1

Set the hopper on a work bench with the toner hopper handle facing towards you. Take a flat blade screwdriver and remove the handle hinges that hold the toner hopper handle onto the toner hopper (See photos 1 & 2).

Brother HL-4040CN Technical Instructions



Step 3

Holding the toner hopper so the top is facing you, use a flat blade screwdriver to release the gear end cap tab that holds the end cap to the side of the hopper (See photo 4). Remove gear end cap (See photo 5).







© 2008 Future Graphics Imaging Corporation. All rights reserved. Future Graphics Imaging Corporation (FGIC) is a distributor of compatible replacement parts and products for imaging equipment. None of FGIC's products are genuine OEM replacement parts and no affiliation or sponsorship is to be implied between FGIC and any OEM.

Brother HL-4040CN Technical Instructions



PHOTO 12





PHOTO 14



Step 9

Using a Phillips screwdriver, remove the screw that holds the developer roller bearing end cap (See photo 11).

Step 10

Using a small flat blade screwdriver, pry off the developer roller bearing end cap from the developer roller axle (See photo 12).

Step 11

Lift the developer roller from the toner hopper (See photo 13). Slide out the white bearing tab from the developer roller shaft (See photo 14).

Step 12

Clean the developer roller using a dry, lintfree cloth and set it aside (See photo 15).

Step 13

Using a Phillips screwdriver, remove the two screws that hold the doctor blade onto the toner hopper (See photo 16). Remove and clean the doctor blade by using dry compressed air and then a dry lint-free cloth. Set doctor blade aside.



Step 14

Remove the toner fill plug with a pair of pliers (See photo 17). Dump out the toner from the toner hopper and clean it with dry compressed air or a vacuum.

NOTE: OEM fill plugs get damage most of the time and may need to be replaced.



© 2008 Future Graphics Imaging Corporation. All rights reserved. Future Graphics Imaging Corporation (FGIC) is a distributor of compatible replacement parts and products for imaging equipment. None of FGIC's products are genuine OEM replacement parts and no affiliation or sponsorship is to be implied between FGIC and any OEM.



Step 15

Set the doctor blade onto the toner hopper and install the two screws that hold the doctor blade in place (See photo 18).

Note: To prevent toner leaks from the sides of developer roller, the felts must be fluffy.









PHOTO 22



PHOTO 23



Brother HL-4040CN Technical Instructions



© 2008 Future Graphics Imaging Corporation. All rights reserved. Future Graphics Imaging Corporation (FGIC) is a distributor of compatible replacement parts and products for imaging equipment. None of FGIC's products are genuine OEM replacement parts and no affiliation or sponsorship is to be implied between FGIC and any OEM.

Brother HL-4040CN Technical Instructions





PHOTO 25

Step 20

Reinstall the train drive gears and the developer roller support hub. Install the 'toner out' reset gear and the tension spring. The long part of the spring attaches to the top of the reset flag and the short part to the back support post (See photo 24).

Step 21

Place the gear end cap onto the toner hopper and install the two Phillips screws (See photo 25).

Step 22

Fill the toner hopper and install a new toner fill plug (See photos 26 & 27).



Step 24

PHOTO 29

Install developer roller cover (See photo 30).

NOTE: If cartridge is post tested the reset gear must be reset after post test.







Step 23

Install the cartridge handle and secure the cartridge handle hinges into place (See photos 28 & 29).

> © 2008 Future Graphics Imaging Corporation. All rights reserved. Future Graphics Imaging Corporation (FGIC) is a distributor of compatible replacement parts and products for imaging equipment. None of FGIC's products are genuine OEM replacement parts and no affiliation or sponsorship is to be implied between FGIC and any OEM.





5



TECHNICAL TIPS:

Do not mix TN-110 and TN-115 end caps and gears. End caps and gears are distinctive for each model. See photos 31 for TN-110 and 32 for TN-115.





DEFECT CHART

OPC Drum	5mm
Developer Rol	er42.7mm

COMPOTES APPROXIMATE LIFE

Drum Unit	17,000 pages
Waste toner box	20,000 pages
Belt unit	50, 000 pages
Laser unit	100,000 pages
Paper feeding kit	100,000 pages
Paper feeding kit MP	50,000 pages



© 2008 Future Graphics Imaging Corporation. All rights reserved. Future Graphics Imaging Corporation (FGIC) is a distributor of compatible replacement parts and products for imaging equipment. None of FGIC's products are genuine OEM replacement parts and no affiliation or sponsorship is to be implied between FGIC and any OEM.