



TN350TECH

Technical Instructions

Cartridge Information

Tools & Supplies

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PHOTO 1



NOTE: All photos show the TN-350 toner cartridge. There are slight differences in the outward design of the TN-330 and TN-360, but the remanufacturing process is the same. The only exception is the mechanical reset lever which is shown in separate photos (Note A).

Step 1

Remove the developer roller protective cover by unlatching from one side. Clean and place aside for reuse (may not have it installed on the toner hopper) (see photo 1).

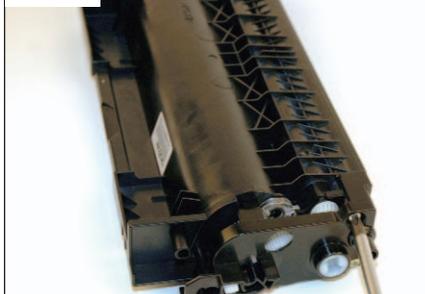
PHOTO 2



Step 2

Place the cartridge flat side down and the fill plug away from you (See photo 2).

PHOTO 3



Step 3

Remove the three Phillip screws located on the drive train end cap facing you. Remove the cap and place aside (See photo 3).

PHOTO 4



Step 4

Remove the black support bracket from the end of the developer roller shaft (See photo 4).

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Step 15

The drive train end cap contains a mechanical lever that has to be reset so that the gear strip on the lever will engage with the gear train and trigger the movement from left to right of the lever. The movement of the lever triggers a switch inside the print engine that resets during initial rotation of the cartridge when the cartridge is first installed (See photos 15 & 16).

PHOTO 15

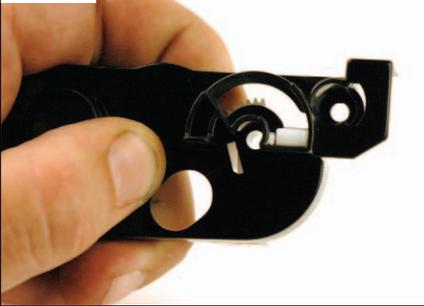


PHOTO 16

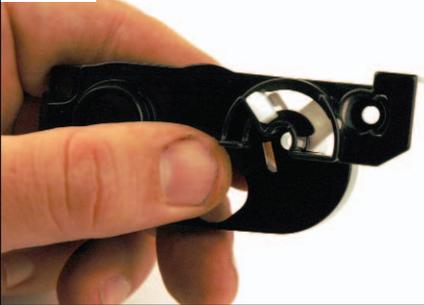
**Notes**

PHOTO 17

TN-330



PHOTO 18

TN-360



PHOTO 19

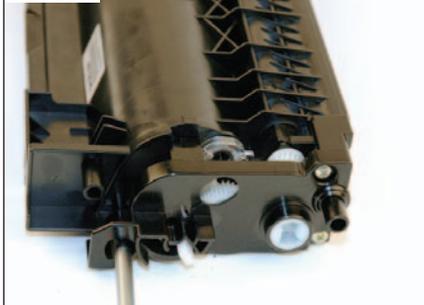


PHOTO 20



PHOTO 21

**NOTE A**

In TN-330 and TN-360 cartridges the mechanical reset lever is engaged with the gear train through the gear strip and additional gear located on the drive train end cap (See photos 17 & 18).

TN-330 reset lever is black, TN-360 reset lever is white. Also, TN-330 reset lever has shorter gear strip than the TN-360. That is how the machine recognizes if there is a standard or high-yield cartridge installed.

Step 16

Replace the drive train end cap back onto the toner hopper and install the Phillip screws that hold it in place (See photo 19).

Step 17

Fill with toner.

Replace fill cap (See photo 20).

Step 18

Replace the developer roller protective cover by latching from one side (See photo 21).

Brother

TN-350, TN-330, TN-360

TECHNICAL INSTRUCTIONS

**OEM INFO:**

Part Number: TN-350
Yield @ 5% 2,500 pages
Gram Load: 90 grams
PPM: 20

Part Number: TN-330 (TN-2110
Europe, TN-2130 Asia)
Yield @ 5% 1,500 pages
Gram Load: 75 grams

Part Number: TN-360 (TN-2120
Europe, TN-2150 Asia)
Yield @ 5% 2,600 pages
Gram Load: 90 grams
PPM: 23

PRINTERS:

HL-2040, HL-2070N, HL-2140,
HL-2150N, HL-2170W
MFC-7220, MFC-7225N, MFC-7420,
MFC-7820N

FAX-2820 / FAX-2920
DCP-7020

TOOLS:

Flat Blade Screwdriver
Phillips Screwdriver



The Brother HL-2040 and HL-2070N printers are 20ppm monochrome laser printers with up to 2400x600 dpi resolution and standard 250 sheet input capacity. Both printers have standard interface connection that is Parallel and USB the HL-2070N contains the network 10/100 BaseT Ethernet connection. The other models MFC, FAX and DCP take the same supplies but have other options.

Consumables that come in the box for the above mentioned models contain a starter cartridge rated at 1,500 pages and the regular drum unit DR350 rated at 12,000 pages. The starter cartridge is a one use cartridge due to a mechanical reset lever that is missing but contained in the standard cartridge.

The Brother HL-2140, HL-2150N and HL-2170W printers are 23ppm monochrome laser printers with up to 2400x600 dpi resolution and standard 250 sheet input capacity. All printers have standard USB interface connection. HL-2150N and HL-2170W also have 10/100 Base-TX Ethernet interface and HL-2170W has Wireless 802.11b/g network connection.

All printers come with starter toner cartridge rated at 1,000 pages and the regular drum unit DR-360 (DR-2100 in Europe, DR-2125 in Asia) rated at 12,000 pages. As with HL-2040/2070N printers, the starter cartridge is missing the mechanical reset lever.