



4019 TECH

Technical Instructions	Printers	Supplies	Tools	1
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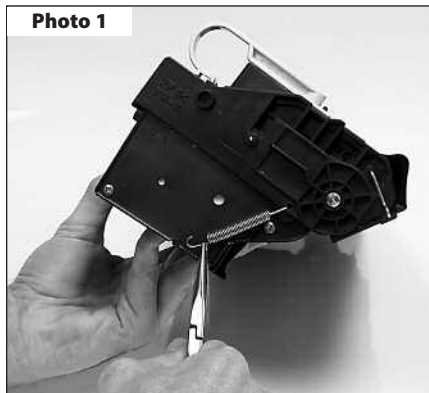
Machine Compatibility:
Fuji Xerox 20
IBM Infoprint 20/ 4320
Apple LaserWriter 8500
Fujitsu 307A
Casio CP-DTC8
APTI-E 840
Ricoh NX5000

Anhydrous Isopropyl Alcohol
Padding Powder
Soft Lint- Free Cloth
Swabs
Seal
640gm Toner
Drum
Doctor Blade
Wiper Blade

Punch
Hammer
Needle Nose Pliers
Diagonal Cutters
Philips Screwdriver
Small Flat Blade Screwdriver

The Fuji Xerox P-880 engine was first found in the Apple Laserwriter 8500 back in August of 1997, then two years later IBM released the Infoprint 20 using the same engine. The large format Fuji Xerox P-880 engine propels its machines to a speed up to 20 pages per minute at 600dpi and can handle multiple paper sizes including 11"x17". The all-in-one cartridge design is similar to other Fuji Xerox engines and looks like a cross between the Xerox N32 and the Xerox N17. 640 grams of UltraFine toner fills the toner hopper and delivers 14,000 pages at 5% coverage. However, with TonerMiser technology the machine can cut the toner usage in half increasing the yield to 28,000 pages at 5% coverage.

Photo 1



Step 1

Using needle nose pliers or a spring hook, remove the tension spring located on the end of the cartridge. (See Photo 1)

Step 2

With a pair of diagonal cutters remove the cartridge pins located on each end of the cartridge. (See Photo 2 & 3)

Photo 2

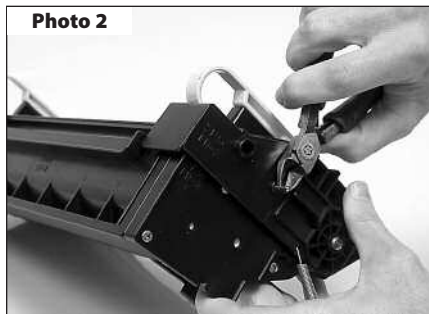
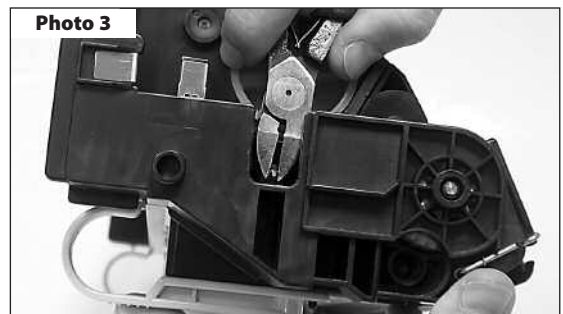


Photo 3



Notes

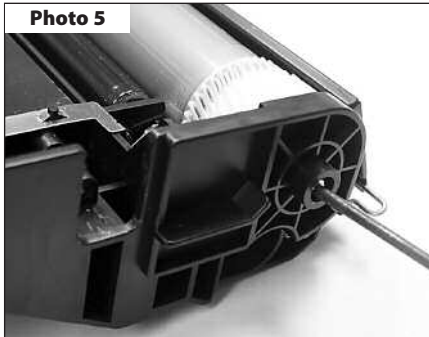
Photo 4



Step 3

Separate the two sections of the cartridge. (See Photo 4) Set the toner hopper aside.

Photo 5



Step 4

Using a punch and a hammer, hit the drum axle out from the drive gear side of the hopper. (See Photo 5) Slide the drum axle out from the waste hopper.

Step 5

Remove the drum.

NOTE: If you plan to reuse the drum, wipe the drum with a lint free cloth. If toner is built up on the drum apply a small amount of alcohol to the lint free cloth. Clean the drum and then wipe dry. Place the drum in a protective area out of the light.

Photo 6

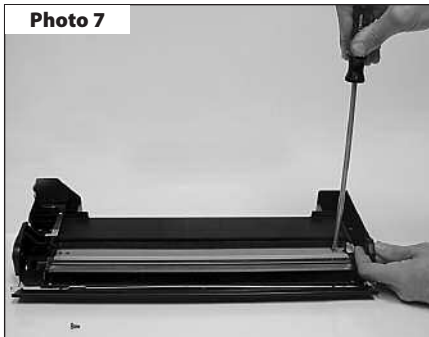


Step 6

Remove the PCR from the PRC cradles. (See Photo 6)

NOTE: Clean the PCR using a lint free cloth and water, a mild soap maybe used if needed.

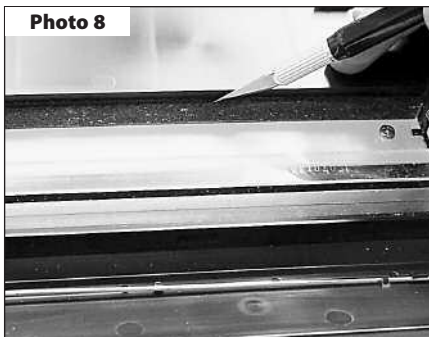
Photo 7



Step 7

Using a Philips screwdriver remove the two screws holding the wiper blade. (See Photo 7)

Photo 8

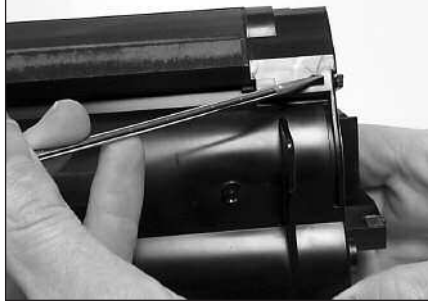


Step 8

Use a knife to cut the foam that holds the wiper blade to the toner hopper. (See Photo 8) Remove the wiper blade.

NOTE: Do not remove the foam from the waste hopper. The foam helps prevent toner from leaking out from behind the wiper blade.

Notes

Photo 24**Step 26**

Using a small flat blade screwdriver release the clip that holds the toner seal exit port plug. (See Photo 24)

Photo 25**Step 27**

Push the seal exit port plug out from the toner hopper from the inside. (See Photo 25)

Photo 26**Step 28**

Clean the seal area using a swab and alcohol. (See Photo 26)

Remove the backing of the seal and apply the seal to the toner hopper. (See Photo 27)

Photo 27**Photo 28****Step 29**

Slide the seal pull tab through the seal exit port plug. Reinstall the seal exit port plug. (See Photo 28)

Photo 29



Step 30

Reinstall the doctor blade and the two screws that hold the doctor blade.
(See Photo 29)

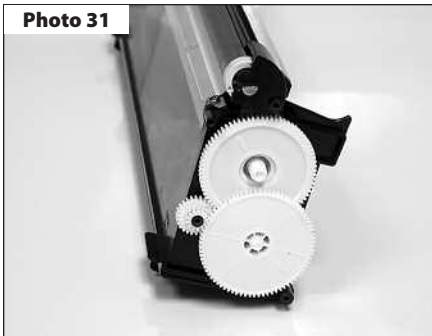
Photo 30



Step 31

Place the mag roller bearing, bushing and drive gear back onto the mag roller. Install the contact end of the mag roller into the toner hopper. (See Photo 30)

Photo 31



Step 32

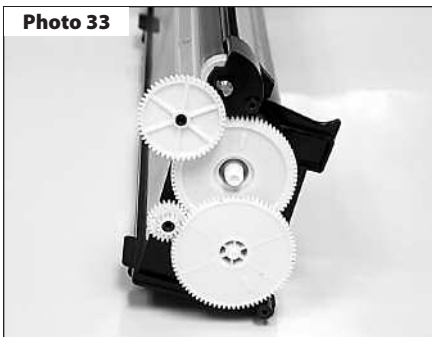
With the flat part of the mag roller axle up, slide the mag roller back into position. (See Photo 31)

Rotate the mag roller axle so the flat area is facing the open area of the toner hopper. (See Photo 32)

Photo 32



Photo 33



Step 33

Install the toner hopper agitator drive gear onto the alignment post. (See Photo 33)

Notes

Need help with a particular remanufacturing problem?
Call the Technical Resource Center from
8am - 5pm PST: 800 394.9900

Common Problems and Solutions:

1. **Problem:** Light print on the top half of the page.

Solution: The cartridge spring on the end of the cartridge is either missing or the spring's tension is too weak. Replace or install the spring.

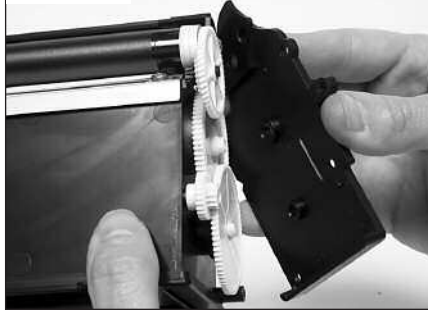
2. **Problem:** Leaky toner from behind the wiper blade.

Solution: If the foam was removed from behind the wiper blade toner will leak out. Place a flat sheet of foam between the wiper blade and the waste hopper.

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Photo 34



Step 34

Place the endplate onto the end of the toner hopper making sure the half mooned shaped mag roller axle fits into the recessed area on the endplate. (See Photo 34)

Reinstall the three screws that hold the endplate. (See Photo 35)

Photo 35



Step 35

Fill the toner hopper with 640 grams of toner.

Step 36

Apply a bead of toner across the mag roller for testing. Rotate the mag roller 4-5 revolutions to ensure the toner is even across the mag roller.

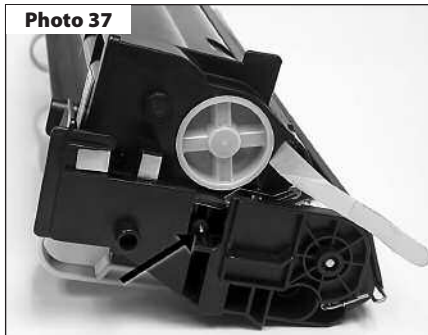
Photo 36



Step 37

Place the waste hopper flat on the workbench with the handles toward you. Align the toner hopper so the tension spring will rest in the recessed area on the waste hopper. (See Photo 36)

Photo 37



Step 38

Install the cartridge pins in both ends of the cartridge. (See Photo 37 & 38)

Step 39

Place the tension spring back on the end of the cartridge. (See Photo 39)

Step 40

Test the cartridge.

Photo 38

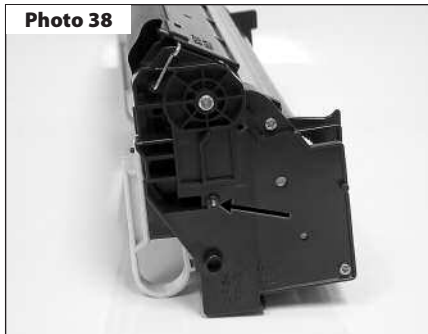


Photo 39

