



HP1200/1300TECH

Technical Instructions

Supplies

Tools

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Anhydrous Isopropyl Alcohol
Padding Powder
Doctor Blade
Drum

Soft Lint Free Cloth
Swabs
Toner
Wiper Blade

Drill; 7/64 and 9/32-drill bits
Phillips Screwdriver
Small Flat Blade Screwdriver
Diagonal Cutters
Bend Extraction Tool

Photo 1



Step 1

Place the cartridge on the workbench so the cartridge is right side up and the arrow on the waste hopper is pointing towards you. (See Photo 1)

Photo 2



Step 2

Holding the drum shutter open with your left hand, lift the top right side of the shutter up with your right hand. This will dislodge the shutter post from its cradle. (See Photo 2)

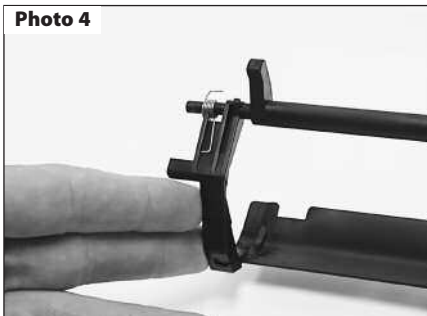
Photo 3



Step 3

Slide the drum shutter right to remove the shutter post from the cradle on the left side. (See Photo 3)

Photo 4



NOTE: Do not lose the drum shutter tension spring that sits on the left shutter post. (See Photo 4)

Photo 5

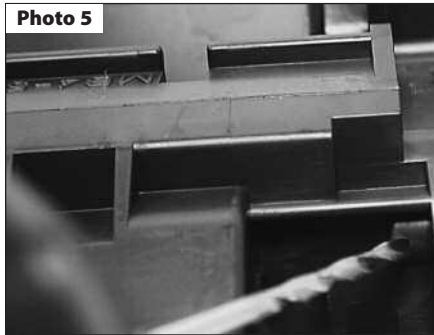
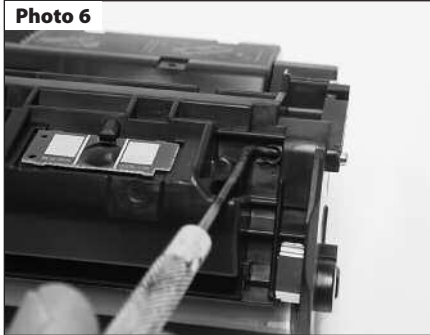


Photo 6

**Step 4**

Using a drill with a 7/64 bit, drill a hole into the raised plastic that covers the cartridge pin on the back right side of the waste hopper. (See Photo 5)

NOTE: Drill in just far enough to expose the cartridge pin enabling the pin to be pushed through the cartridge with a bent extraction tool. (See Photo 6)

Photo 7

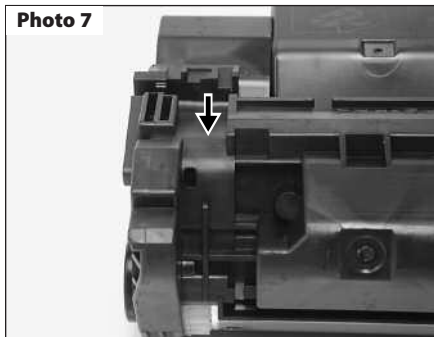
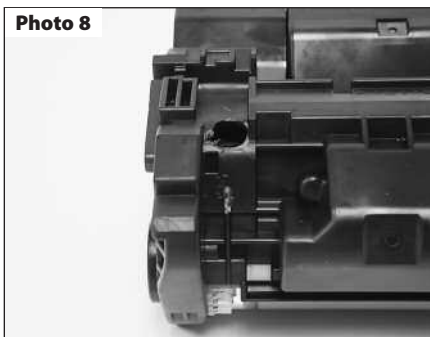


Photo 8

**Step 5**

Change the bit on the drill to a 9/32 bit. The next hole needs to be drilled on the left side of the waste hopper where the drum shutter arm bends down toward the drum. Photo 7 and Photo 8 show before and after the hole is drilled

Photo 9

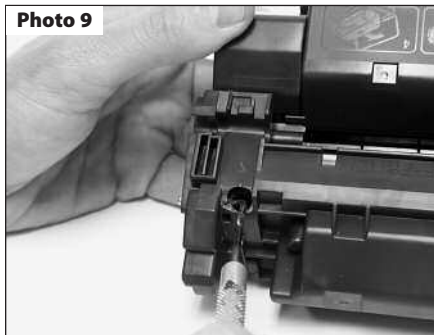


Photo 10

**Step 6**

With a bent extraction tool push the cartridge pin out. (See Photos 9)

Step 7

Remove the screw holding the bearing hub on the gear end of the drum (See Photo 10). Remove the hub.

Photo 11

**Step 8**

Grab the drum by the gear. Lift and rotate the drum counter clockwise while pulling the drum out away from the drum contact axle pin. (See Photos 11).

Photo 12

**Step 9**

Lift the PCR out of the PCR saddles (See Photo 12). Clean the PCR using a lint free cloth and water. (See Photo 12)

Photo 13



Step 10

Remove the 2 screws holding the wiper blade and remove the blade. (See Photo 13)

Step 11

Dump out the waste toner. Clean the waste hopper using dry compressed air or a vacuum.

Step 18

Remove the screw holding the gear housing end cap to the toner hopper and remove the end cap. (See Photo 18)

Photo 14



Step 12

Apply padding powder to the new blade and place the blade in the waste hopper. Install the 2 screws that hold the wiper blade in place. (See Photo 14)

Photo 18

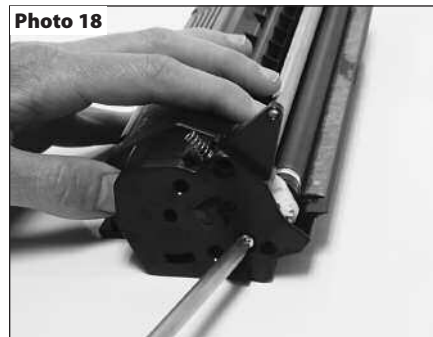


Photo 15



Step 13

Clean the PCR saddles using a cotton swab and alcohol. Install the clean PCR into the PCR saddles. (See Photo 15)

Step 19

Remove the 3 white gears from the end of the toner hopper. (See Photo 19)

NOTE: The beige agitator drive gear will stay attached to the hopper

Photo 16



Step 14

Apply padding powder to the drum. Slide the contact hub of the drum onto the contact pin while rotating the drum counter clockwise. (See Photo 16)

Photo 17



Step 15

Place the drum bearing end plate onto the waste hopper and install the screw that holds the end plate. (See Photo 17)

Step 16

Rotate the drum 4 -5 revolutions to ensure the drum rotates freely. Using a dry lint free cloth clean the padding powder from the PCR.

Step 17

Set the waste hopper aside in a protected area out of the light.

Photo 19



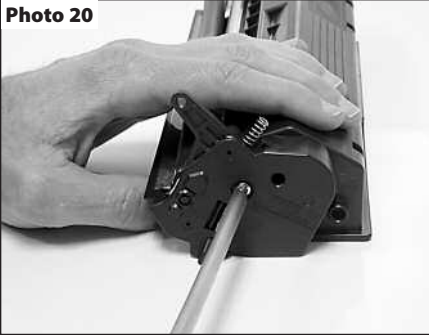
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Call the Technical Resource Center from 8am - 5pm PST: 800 394.9900

Step 20

Rotate the cartridge 180°. Remove the screw holding the contact end cap to the toner hopper and remove the end cap. (See Photo 20)

Photo 20

**Step 21**

Lift the mag roller away from the toner hopper. Remove the stabilizing arm and the mag roller bushing from the gear side of the roller. Remove the white contact plate and the mag roller bushing from the contact side of the mag roller (See Photo 21). Clean the mag roller bushing with a lint free cloth and alcohol. Using a swab and alcohol clean the mag roller contact and apply new conductive grease.

Step 22

Using dry compressed air or a vacuum, clean the toner off the mag roller. Using a lint free cloth and a mag roller cleaner clean the mag roller.

Photo 21



Photo 22

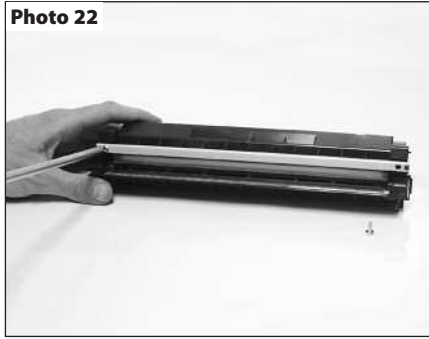


Photo 23

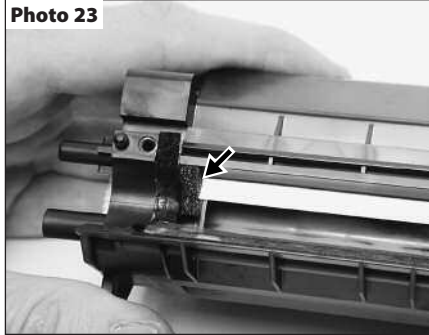


Photo 24



Photo 25

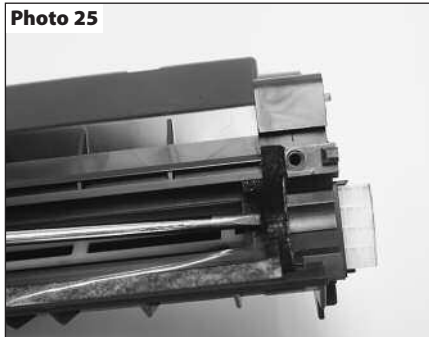


Photo 26

**Step 23**

Remove the 2 screws holding the doctor blade and remove the blade (See Photo 22). Clean the doctor blade using alcohol and a lint free cloth.

NOTE: The HP 1300 doctor blades have an adhesive strip on the back, without this adhesive toner will leak from behind the blade. Make sure the blades you are using have an adhesive back.

Step 24

Remove the toner hopper fill plug. Using dry compressed air or a vacuum clean the toner from toner hopper

Step 25

Remove the doctor blade end foams from each end of the toner hopper. (See Photo 23)

Step 26

Using a small flat blade screwdriver remove the OEM sealing material from inside the toner hopper. (See Photo 24)

Step 27

To remove the seal exit port plug push the plug out from inside the toner hopper using a small flat blade screwdriver. (See Photo 25)

Step 28

Clean the seal area using a swab and alcohol. Remove the backing of the seal and attach the seal to the toner hopper. (See Photo 26)

Photo 27

**Step 29**

Slide the seal pull-tab through the exit port and install the plug. (See Photo 27)

Step 30

Fill the toner hopper with 230 grams of toner. Install the Fill plug.

Step 35

Place the gear housing end cap on the end of the toner hopper and install the screw that holds the end cap in place. (See Photo 32)

Photo 28

**Step 31**

Place the cleaned or new doctor blade onto the toner hopper. Install the 2 screws that hold the blade in place. (See Photo 28)

Photo 32



Photo 29

**Step 32**

Install the cleaned mag roller bushings on the ends of the roller, the small bushing goes on the contact side of the mag roller. Place the stabilizing arm on the gear side of the mag roller and the contact plate on the mag roller. (See Photo 29)

Step 36

Apply a small bead of toner across the mag roller for post testing. Rotate the mag roller 4-5 revolutions.

Photo 30

**Step 33**

Place the mag roller onto the toner hopper. Place the contact end cap onto the toner hopper and install the screw that holds the end cap. (See Photo 30)

Photo 31

**Step 34**

Install the 3 white gears on the gear end of the toner hopper as shown in photo 31.

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Notes:

Notes:

Photo33



Photo 34



Photo 35

**Step 37**

Join the toner hopper and waste hopper together. Install the cartridge pins on each side of the cartridge. (See *Photo 33 and 34*)

Step 38

Place the drum shutter so the small "L" shape end of the tension spring sits on the toner hopper as shown in *photo 35*. Press down on each end of the drum shutter post to lock the shutter into its cradle.

Step 39

Test the cartridge.

FAX NUMBERS

Los Angeles, USA	Atlanta, USA	Dallas, USA	Miami, USA	New York, USA	Sanford, USA
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**FUTURE
GRAPHICS****HP1200/1300****ENGINE FACT SHEET****FUTURE GRAPHICS PRODUCT LISTING**

Product	Description	Item Number	Pack Qty.
Cartridge Bag	8X18, 2.5 mil Heat-Sealable Black/Silver Anti-Static Foil	BAG8X18	100
Cartridge Box	14 7/8x4 1/2x8 13/16 :Tape-Top White Box/Blue Print	BLUEBAR15X9	25
Cartridge Box Insert	Use Box #BLUEBAR15X9, Die Cut Corrugated	AXINSERT	50
Cartridge Box Label	Two-Color Self-Adhesive	HP1200LABEL	100
Cartridge Tech Guide	Remanufacturing Instructions	HP1200TECH	1
Doctor Blade	Kuroki	HP1200DRBLADEK	10/150
Drum	Sinonar, Weighted	HP1200SNREQ	5/100
Drum	AEG, New Technology	HP1200AEGNT	5/100
Drum Protector Felt	Shutter Felt, Adhesive, 5 inch	SHUTTERFELT5	100
End Cap HP1200ENDCAPL	Left Side	HP1200ENDCAPL	10
End Cap	Right Side	HP1200ENDCAPR	10
Hopper Cap	Fill Hole Plug	HP2100FILLPLUG	100
Mag Roller Contact	Spring Type	HP1200CONTACT	100
Mag Roller Sleeve	New, Black Surface, Onyx	AXMAGONYX	10
PCR	Soft Foam Type, Extra Quiet	HP1200PCREQ2	10
Recovery Blade	Mylar, .002 x .300 x 9.20	AXRBLADEW	25
Seal	Adhesive Goldseal	HP1200GOLDSEAL	50
Seal	Adhesive Onyx, Plastic Type	HP1200SEALONYXP	50
Toner	Bulk Bag, 22 lb Per-Fil - Box of 1, ONYX, Sold per Box	HP1200ONYX10KG	1
Toner	150 gm Bottle, ONYX	HP1200ONYX150	10
Toner	230 gm Bottle, ONYX	HP1200ONYX230	10
Toner	10kg / 22 lb. Per-Fil	HP1200MICR10KG	1
Toner	150 GM Bottle	HP1200MICR150	10
Wiper Blade	Kuroki	AXWBLADEK	10/100

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PRINTER MODEL COMPATIBILITY 1200

PRINTER MODEL	OEM NUMBER
HP LaserJet 1000	C7115A
HP LaserJet 1005 W	C7115A
HP LaserJet 1200	C7115A
HP LaserJet 1200N	C7115A
HP LaserJet 1200Se	C7115A
HP LaserJet 1220	C7115A
HP LaserJet 1220Se	C7115A
HP LaserJet 3300 MFP	C7115A
HP LaserJet 3320 MFP	C7115A
HP LaserJet 3320n MFP	C7115A
HP LaserJet 3330 MFP	C7115A

PRINTER MODEL COMPATIBILITY 1300

PRINTER MODEL	OEM NUMBER
HP LaserJet 1300	Q2613A
HP LaserJet 1300N	Q2613A

FUTURE GRAPHICS PRODUCT LISTING

Product	Description	Item Number	Pack Qty.
Drum	Sinonar, Weighted	HP1200SNREQ	5/100
Drum	AEG, New Technology	HP1200AEGNT	5/100
Hopper Cap	Fill Hole Plug	HP2100FILLPLUG	100
PCR	Soft Foam Type, Extra Quiet	HP1200PCREQ2	10
Recovery Blade	Mylar, .002 x .300 x 9.20	AXRBLADEW	25
Seal	Adhesive Goldseal	HP1200GOLDSEAL	50
Seal	Adhesive Onyx, Plastic Type	HP1200SEALONYXP	50
Toner	150 gm Bottle, ONYX	HP1200ONYX150	10
Toner	230 gm Bottle, ONYX	HP1200ONYX230	10
Wiper Blade	Kuroki	HP1100WBLADEK	10/100