



MF6500TECH

Technical Instructions	Printers	OEM Info	Tools	1
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<p>Photo 1</p>		<p>Step 1</p> <p>Use a Phillips screwdriver to remove the one screw that attaches the blue handle to the cartridge (see photo 1).</p>		
<p>Photo 2</p>		<p>Step 2</p> <p>Holding the drum shutter open, use a spring hook to remove the cartridge tension spring located on the contact side of the drum (see photo 2).</p>		
<p>Photo 3</p>		<p>Step 3</p> <p>Use a Philips screwdriver to remove the two screws holding the drum end cap to the cartridge (see photo 3). Remove the drum end cap.</p>		

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Step 4

Using a 3/32 drill bit, drill a hole in the areas indicated by white dots (see *photo 4 & 5*).

The holes should be drilled about 3/16th inch in depth. Cartridge pins will be revealed through the drilled holes (see *photo 6*).

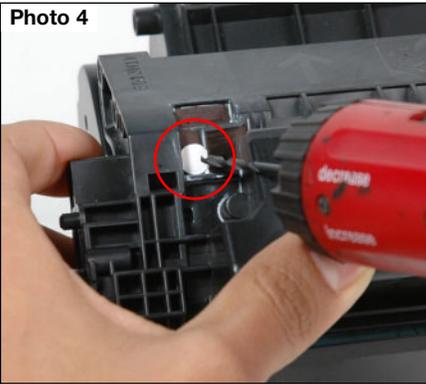
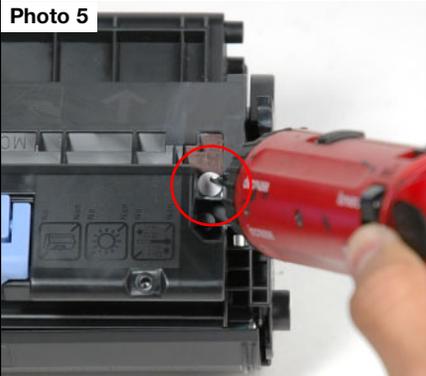
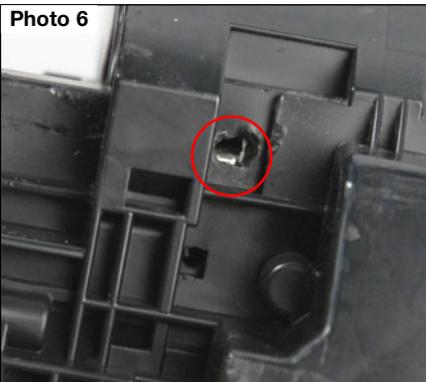
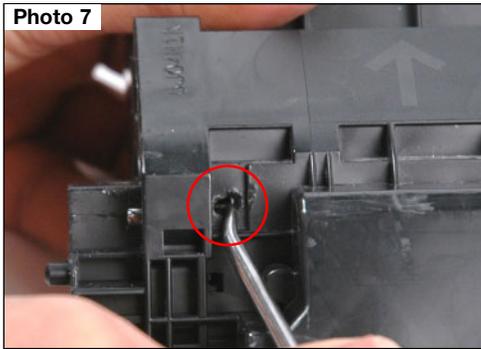
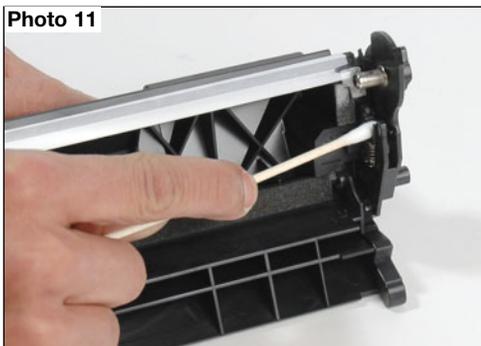
Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Step 5

Use a spring hook to reach into the new holes and gently push the exposed ends of the cartridge pins outward (see *photo 7*). When the cartridge pins slide into sight on the outside of the cartridge, use needle nose pliers to remove them.

Step 6

Separate the waste hopper from the toner hopper and place the toner hopper aside.

WASTE HOPPER SECTION
Step 7

To remove the drum; lift the drive gear end of the drum away from the cartridge (see *photo 8*). Rotate the drum counter-clockwise while pulling the drum off the drum axle on the opposite side of the cartridge.

Step 8

Use needle nose pliers to remove the PCR from the cartridge (see *photo 9*).

Step 9

Use a Phillips screwdriver to remove the two screws holding the wiper blade in place (see *photo 10*). Remove the wiper blade.

Step 10

Clean the waste hopper using deionized air or a vacuum. Clean the PCR saddle contact with distilled water and a cotton swab (see *photo 11*).



Step 11

Visually inspect the recovery blade for damage.

Step 12

Take a new wiper blade and apply drum padding powder (see photo 12).

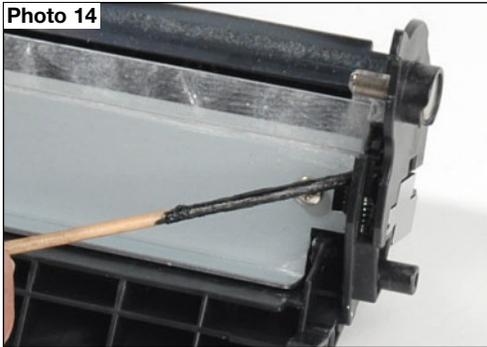
Step 17

Apply padding powder to the drum (see photo 17). While rotating the drum counter-clockwise, slide the drum onto the drum axle.



Step 13

Place the wiper blade onto the waste hopper. Install the two screws that hold the wiper blade in place (see photo 13).



Step 14

Apply fresh conductive grease to the black PCR saddle (see photo 14). Install the new PCR into the PCR saddles.

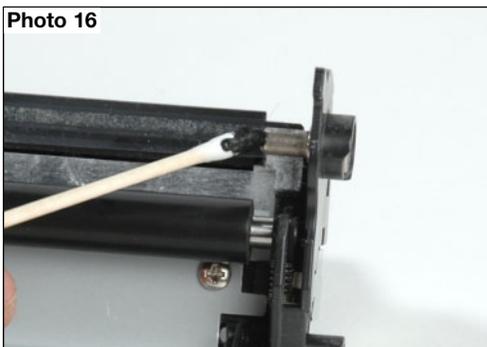
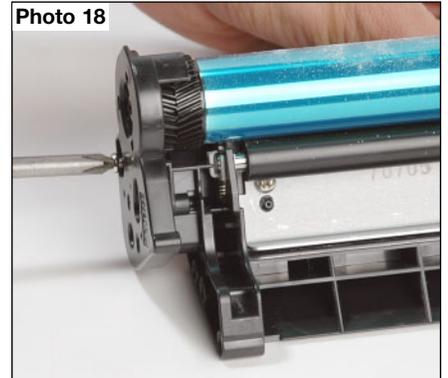
Step 18

Install the drum end cap onto the side of the cartridge. Install the two screws that hold the drum end cap in place (see photo 18). Carefully rotate the drum clockwise to remove the padding powder from the drum surface.



Step 15

Apply high temperature grease on the drum end cap (see photo 15).



Step 16

Clean the drum axle. Apply fresh conductive grease using a cotton swab (see photo 16).

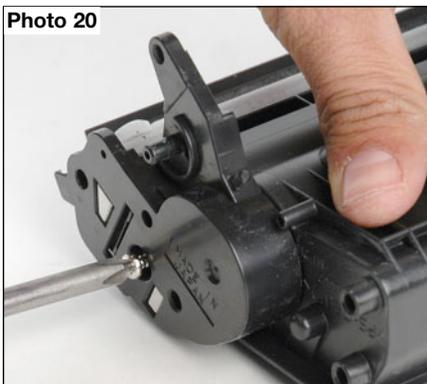
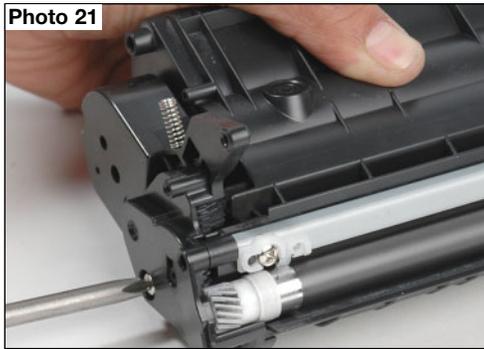
TONER HOPPER SECTION
Step 19

Remove the drum shutter: locate the locking tab on the contact side. Use a small flathead screwdriver to push down on the locking tab to release the drum shutter arm and spring (see *photo 19*).

Photo 19

Step 20

Remove the screw holding the contact end cap to the toner hopper (see *photo 20*). Remove the contact end cap.

Photo 20

Photo 21

Step 21

Remove the screw holding the gear housing end cap to the toner hopper (see *photo 21*). Remove the gear end cap.

Photo 22

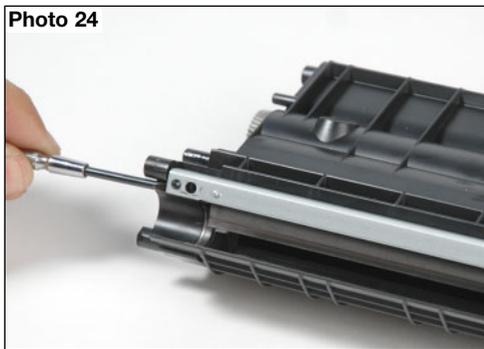
Step 22

Remove the mag roller gear and the two gears attached to the toner hopper (see *photo 22*). Remove the mag roller.

Photo 23

Step 23

Remove the two screws holding the doctor blade to the toner hopper. Remove the white scrapers from the ends of the doctor blade (see *photo 23*).

Photo 24

Step 24

There is an adhesive strip underneath the doctor blade. Pry up the doctor blade from the left hand side.

NOTE: Use care to avoid breaking the doctor blade alignment pins when removing the doctor blade (see *photo 24*).

Photo 25

Step 25

Empty the remaining toner inside the toner hopper. Clean the toner hopper using dry compressed air or a vacuum.

Step 26

Remove the doctor blade sealing end foams from both sides of the toner hopper (see *photo 25*).



Step 27

Using a small flat blade screwdriver, push the seal exit port plug out from the hopper (see photo 26).



Step 28

Remove the backing from the replacement seal and install the new seal onto the toner hopper (see photo 27).



Step 29

Slide the end of the seal through the seal exit port (see photo 28) and install the plug in the end of the hopper (see photo 29).



Step 30

Remove the fill plug. Fill the toner hopper with toner. Reinstall the fill plug (see photo 30).



Step 31

Install the doctor blade sealing end foams on both ends of the hopper (see photo 31).

Step 32

Remove the adhesive strip from the back of the replacement doctor blade (see photo 32). Install the doctor blade, scrapers and two screws to keep it in place.



Step 33

Clean the mag roller - first with compressed air or a vacuum. Use mag roller cleaner to clean the surface of the mag roller. Clean the mag roller bushings.

Step 34

Place the clean mag roller bushings onto the ends of the mag roller. The white bushing goes on the gear end and the black bushing goes on the contact end (see photo 33).



Step 35

Install the mag roller (see photo 34).

Photo 34

Step 36

On the contact end cap, clean the used conductive grease away and apply fresh conductive grease (see photo 35).

Photo 35

Photo 36

Photo 37

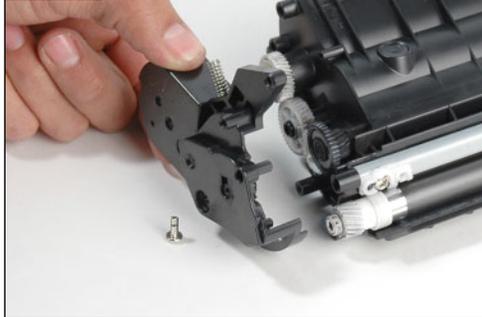
Photo 38

Photo 39

Photo 40

Step 37

Install the contact end cap using one screw (see photo 36).

NOTE: Be sure to properly align the half-moon shape of the mag roller contact end into the contact end cap.

Step 38

Install toner hopper gears and mag roller gear (see photo 37).

Step 39

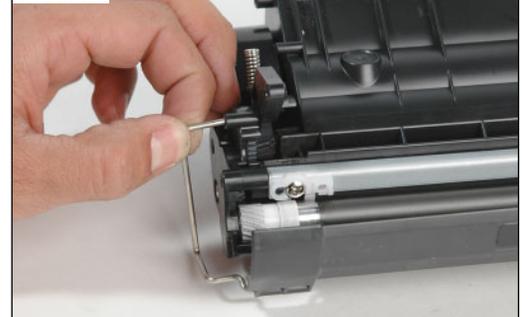
Install the gear housing end cap using one screw (see photo 38).

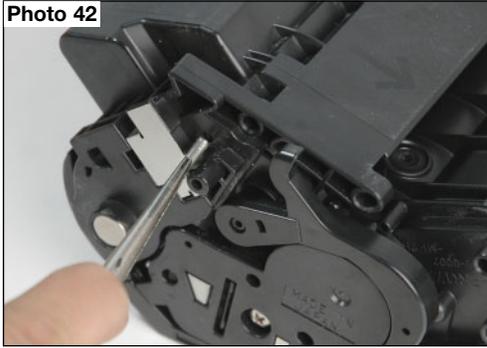
Step 40

Rotate the mag roller clockwise to evenly cover it with toner.

Step 41

Install the drum shutter arm spring into the drum shutter arm (see photo 39). Install the drum shutter arm into place on the contact side of the cartridge. Make sure the drum shutter arm spring is correctly aligned (see photo 40). Attach the gear side of the drum shutter (see photo 41).

Photo 41


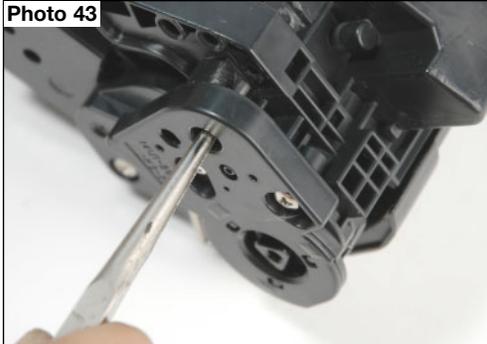


Step 42

Attach the toner hopper section to the waste hopper section. Make sure the toner hopper arms are properly aligned.

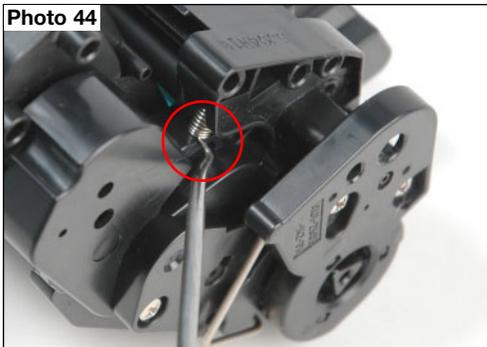
Step 43

Install the contact side cartridge pin (see photo 42). Push the pin completely into the cartridge.



Step 44

On the cartridge gear side, use a pair of needle nose pliers insert the cartridge pin through the opening slot in the drum end cap (see photo 43). Make sure to push the pin all the way in.



Step 45

Inspect the toner hopper spring on the gear end cap to ensure proper alignment (see photo 44).

Step 46

Turn the cartridge over. Install the cartridge tension spring using a spring hook (see photo 45).

Step 47

Install the blue handle with one screw.

Step 48

Test the cartridge.

