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Mita LDC-550 Fax Cartridges
DOC-0217

OVERVIEW

These instructions cover the recharging of the Mita LDC-550 Fax toner lcartridge used in the Mita LDC-550 Fax Machines, part # 79382010. The purpose of this recharge procedure is to remove old and add new toner into the toner cartridge. The toner and OPC cartridges are sold as a single unit, but are actually two separate cartridges that lock together.

This procedure should be read in it's entirety before proceeding with the actual recycling process.

REQUIRED TOOLS

- Phillips head screw driver.

- Vacuum approved for toner removal

- Needle Nose Pliers

- Safety goggles and breathing mask.

    WARNING: Always wear safety goggles and breathing mask when working with or around toner. Do not disperse the toner into the air. Use approved toner vacuums and filters at all times.

- Approved Vacuum systems:

    Toner approved vacuum. The HCTV canister style vacuum or the Atrix Omegas/AAA portable style vacuum. Some type of approved toner vacuuming system is important because toner consists of very fine particles that will pass right through a normal vacuum filter, and blow out the exhaust.

This procedure should be read in it's entirety before proceeding with the actual recycling process.

REQUIRED SUPPLIES

- Black Toner

- Felt Wand

- Black Foil Bag

- New Long Life Drum w/Wiper Blade

- 99% Isopropyl alcohol (FR-8)

- Cotton Swabs (CT-100)

- Lint free cotton pads (PW-96)

- Toner Cloths (TM-40)

- Drum Padding Powder (DPP)

PREPARE WORK AREA

1. Before proceeding with the following procedure you should have a work area available with approximately 4' x 3' clear space. It should be covered with some disposable paper since toner will spill on this area. It is recommended that brown craft paper be used and taped to the work area. This will hold the paper in place when trying to vacuum toner from the paper.

2. A garbage can with a strong plastic liner should be adjacent to the work area to empty used toner. It should be at least 2' deep to prevent toner from clouding up and over the top of the bag during disposal.

3. Have a few rags available and some disposable paper towels. TM-40 Toner Magnets are perfect for this.

4. The work area should be capable of being ventilated, if by accident toner becomes dispersed into the air. An exhaust fan in one window is recommended for ventilation.

   If the circulation of air in the work area room is combined with other rooms in the building, toner dust may be carried into the other rooms. A separate and isolated HVAC system is recommended for the work area room.

SEPARATE THE DRUM UNIT FROM THE TONER HOPPER

To Separate the Drum Unit from the Toner Hopper, squeeze the two gray levers located on the top of the cartridge together. This will unlock the two units, allowing you to Separate them.

CLEAN OPC DRUM UNIT

1. On the end of the cartridge opposite the curved tube, there is a white plastic axle pin. This pin comes off very easily, and if not replaced in the right position, can cause print problems. We recommend lthat you draw a sketch to show the proper position.

2. Turn the cartridge to the side that has the curved tube. At the point where the tube meets the cartridge, there is a white piece of plastic held in by a screw. Draw another sketch to show all the proper part placements, paying particular attention to the orientation of the white plastic piece. Once this is done you can safely remove the screw.

3. Carefully pull out the white plastic piece along with the tube.

   NOTE: The tube does not come out all the way, and has a spring inside.
   Be very careful not to stretch the spring, or to pull the tube past lthe stop point.

4. Now that the tube has been removed, the OPC drum can be removed.

   NOTE: The inside of the OPC drum is the waste chamber! Be very careful lto be standing over a garbage pail when removing the drum.

5. Vacuum the inside of the OPC Drum out, be very careful not to damage the wiper blade, or the OPC Drum Surface.

6. Carefully vacuum any remaining toner off the outside of the drum. Do not polish or wipe the drum surface with a dry cloth, since this lmay scratch the drum. If the drum needs to be cleaned further, use 99% Isopropyl Alcohol (FR-8), and a soft lint free cotton pad (PW-96), to lightly wipe the surface. Replace the wiper blade and if damaged or worn out, install a new drum.

CLEANING AND FILLING THE TONER HOPPER

1. Remove both L-shaped end caps and screws, lift out toner supply cavity.

2. The toner hopper is very simple, Pull the side fill plug out land vacuum out any remaining toner. Fill the hopper with 720 grams of 550 toner (Two Bottles), and replace the plug.

   CAUTION: No seal is available for this cartridge, so it must be hand delivered. It is best to transport the cartridge with the toner hopper side facing down.

3. Clean the Corona Wire assembly with 99% Isopropyl Alcohol, and a cotton swab.

4. Replace the felt wand. New felt to re-felt the existing wand is not currently available.

RECOMMENDED SUPPLIES

Microsoft OLE DB Provider for ODBC Drivers error '80004005'

[Microsoft][ODBC Microsoft Access Driver]General error Unable to open registry key 'Temporary (volatile) Jet DSN for process 0x698 Thread 0xedc DBC 0x978aecc Jet'.

/script/catSearch.asp, line 58