

TECHNICAL DOCUMENT

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Xerox 1012, 5018 Toner Tubes

DOC-0218

OVERVIEW



These instructions cover the refilling of both the Xerox 1012, and 5018 toner tubes. These tubes are constructed of either cardboard (1012), or plastic (5018) and contain only new toner, (The 5018 also contains used developer in the attached waste chamber). In both of these copiers, the OPC cartridge is a separate unit. The 1012 tubes are used in the Xerox 1012, 5012, and 5014 copiers. The 5018 tubes are used in the Xerox 5018, 5021, 5028, 5034, 5328, and 5334 copiers.

The purpose of this disassembly procedure is to vacuum out any remaining toner/developer in the tube, and fill with new toner. This disassembly procedure should also be used to examine the internal parts of the cartridge for possible damage, or wear. If any damage is found that cannot be readily repaired, the tube should not be refilled. See the individual sections for areas to pay special attention to.

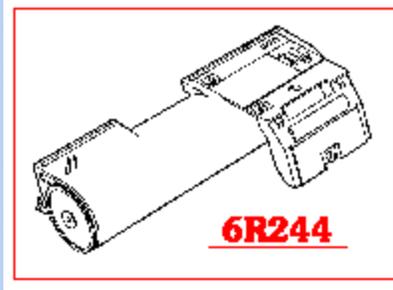
NOTE: These Instructions should be read completely before proceeding with the recharge.

In order to properly recharge this cartridge you must obtain the following items from your customer.

A) Xerox 1012 cardboard toner tube Xerox Part # 6R257



B) Xerox 5018 Plastic toner tube with attached developer waste chamber Xerox Part # 6R244



REQUIRED TOOLS

- Small common screw driver.
- Needle Nose Pliers
- Razor Blade
- Safety goggles and breathing mask.
- Toner approved vacuum
- House Hold Iron (for seal kit)

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 Atrix HCTV Canister Style vac. or the Atrix AAA, Omega-S style Portable vacs. 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.

REQUIRED SUPPLIES

- 1 bottle 1012 toner OR
1 bottle 5018 toner
- Toner Magnet (TM-1)
- SS-1012-10 Seal Strip Kit

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-1 Toner Magnets are ideal for wiping up toner dust.
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 is combined with other rooms in the building, toner dust may be carried into these areas. A separate and isolated HVAC system is recommended for the work area.

CLEANING AND FILLING THE 1012 TONER TUBE

The 1012 Toner Tube is a cardboard tube with a long slot cut along its length, and a toner agitator bar inside. This tube can be refilled many times, as long as the cardboard doesn't develop any tears along the slot. If this cardboard becomes damaged, the seals will not adhere properly and will leak.

1. With the small common screwdriver, pry the toner fill cap out and place aside.
2. Vacuum thoroughly the inside and outside of the tube.
3. Follow the instructions with the seal kit - Iron on the base seal and then the removable seal on top of it.
4. Vigorously shake the bottle of toner until the toner moves freely. Pour the new toner into the Tube, and replace the fill plug. Make sure that the plug is fully seated, and that there are no leaks from either the plug or the seal.

CLEANING AND FILLING THE 5018 TONER TUBE



The 5018 toner cartridge is a plastic tube with a small chamber attached by a label. This small chamber captures any waste developer and stores it.

A new toner cartridge has a small amount of developer mixed in with the toner. This new developer feeds into the developer cartridge on one end and pushes some of the old developer out and into a small port which feeds into the waste developer cavity. In this way the developer theoretically never has to be changed. New developer is constantly being added, and the developer section is constantly being renewed!

1. With the small common screwdriver, pry the toner fill cap out and place aside.
2. Vacuum thoroughly the inside and outside of the tube. Pay careful attention to the slide cover, open the cover up and vacuum thoroughly. Make sure that the two tabs on the cover are not broken. If they are, the cartridge can not be used.
3. Carefully take the small plastic developer waste section held on by the label, move the cover aside and vacuum clean. This section contains used developer, and should not be filled with toner. In a new cartridge, this section will be empty.
4. Check the label that attaches this section to the tube, if there are any ripped, or torn areas repair them with a good quality tape.

If you receive this cartridge with the developer waste section completely detached from the tube, it can be replaced providing that the label can be replaced in the exact same position as it was originally in. The label should start directly under, and flush with the green stripe on the right side of the tube. (The right side is the one that has the slide cover). The label should also be centered on the green stripe. If you cannot be certain of its exact location, do not use this Tube.

5. Vigorously shake the bottle of toner until the toner moves freely. Pour the new toner into the Tube, and replace the fill plug. Make sure that the plug is fully seated, and that there are no leaks from either the plug or the slide cover.

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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 0x1164 DBC 0x97a3ff4 Jet'.

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