



Dell™ 3000/3010/3100 Cartridge

### Reference Info

The Dell™ 3000, 3010 and 3100 utilize a toner tube with a seal over the toner port. If this seal is not replaced after remanufacturing, toner leakage may occur from the toner port. SCC offers a tape-like seal that prevents toner leakage.

### Cartridge Keying Features

The following shows the differences between the keying features in the Dell™ 3000/3010/ 3100, Fuji-Xerox® Docuprint® C525A and the Epson® Aculaser® C1100/CX11N magenta cartridges.

By modifying the keying features cartridges can be interchangeable, allowing you to create a universal cartridge with the proper chip installed.



Dell™ 3000/3010/3100



Fuji-Xerox® Docuprint® C525



Epson® Aculaser®  
C1100/CX11N

### Use of Compressed Air

As of April 28, 1971, the Occupational Safety & Health Administration (OSHA) Standard, 29 CFR 1910.242 paragraphs a & b for general industry requires effective chip guarding and personal protective equipment (PPE) when using compressed air. When cleaning residual toner particles from cartridges using a compressed air system, you must use air nozzles meeting OSHA requirements. Air nozzles that regulate air pressure to a maximum of 30 psi comply with this standard. Refer to the OSHA publication for any updates or changes that have occurred since the date noted above.

### CARTRIDGE REMANUFACTURING INSTRUCTIONS FOR: DELL™ 3000/3010/3100 (FUJI-XEROX® DOCUPRINT® C525A) TONER CARTRIDGE

**COMPATIBLES:**  
EPSON® ACULASER®  
C1100/CX11N,  
EPSON® LP-V500/LP-A500

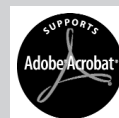
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#### GO TO WWW.SCC-INC.COM

For the latest cartridge information  
Click on "Online Engine Center"

Other System Support Series™  
documents available in  
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#### QUESTIONS?

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## Purpose of this SSS

The purpose of this SSS is to provide you a guide and the basic information needed to remanufacture a Dell™ 3000/3010/3100 (Xerox® C525A) Toner Cartridge. This SSS contains information about:

- Disassembling the cartridge
- Basic cleaning
- Reassembling the cartridge.

Your cartridge might have been changed by the original equipment manufacturer (OEM) and include parts or features which are not described in this documentation. The documentation might be updated occasionally to include information about those changes, or technical updates might be available from the SCC Web site.

Visit [www.scc-inc.com/Library/](http://www.scc-inc.com/Library/) to check for updated documentation and technical updates:

Before you begin, read the entire SSS to familiarize yourself with the procedures and take notes.

Be sure to follow all necessary safety precautions while working with tools, and chemicals, such as toner and alcohol.

## Illustrations

The illustrations and photos in this document might differ slightly from your cartridge. Every effort is made to include the most up to date photos and illustrations at the time of printing. However, the OEM may make changes which were not available at the time of printing.

## Safety

Statement 1:



**Always wear eye protection while operating power tools.**

Statement 2:



**Always wear eye protection and protective clothing while working with toner and or other chemicals.**

Statement 3:



**Do not swallow or ingest toner, isopropyl alcohol, toner dust, or any chemicals or materials used in the process of remanufacturing**

## Additional Tools & Supplies

### Additional Items:

- Tape Seal (D3100TAPESEAL)
- Qualified toner

### For Basic Remanufacturing:

- Small flat blade screwdriver
- Needlenose pliers
- Compressed air for cleaning
- Lint-free cleaning cloth (LFCLOTH)
- 91-99% Isopropyl alcohol

## cartridge specifications

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The following is a summary of the printer information for the Dell™ 3000/3010/3100 toner cartridge.

<b>Printer Information</b>			
<b>Printer Name</b>	<b>Dell™ 3000cn</b>	<b>Dell™ 3100cn</b>	<b>Dell™ 3010cn</b>
<b>Printer Introduction Date</b>	Sept - 04	Sept - 04	May - 06
<b>Printer Introduction Price (street)</b>	\$399	\$549	\$379
<b>Memory:</b>	64 MB/576 MB	64 MB/576 MB	64 MB/576 MB
<b>Duty Cycle (pages per month)</b>	45,000	45,000	45,000
<b>Print Speed (pages per minute)</b>	25 (b/w) / 5 (color) ppm	25 (b/w) / 5 (color) ppm	25 (b/w) / 5 (color) ppm
<b>Print Resolution (dpi)</b>	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi

The following table is a summary of the Dell™ 3000 toner cartridge specifications. This information was obtained from the OEM's web site and is considered to be the most up to date information at the time of printing.

<b>Dell™ 3000cn Cartridge Information</b>	<b>Black</b>	<b>Cyan</b>	<b>Magenta</b>	<b>Yellow</b>	<b>Drum</b>
<b>Manufacturer Part#</b>	K4971	T6412	M6935	P6731	M5065
<b>Dell Part #</b>	310-5726	310-5739	310-5738	310-5737	310-5732
<b>OEM Rated Yield</b>	4,000	2,000	2,000	2,000	42,000 (black) 10,5000 (color)
<b>OEM Web Price</b>	\$44.99	\$64.95	\$64.95	\$64.95	\$169.99

The following table is a summary of the Dell™ 3010 toner cartridge specifications. This information was obtained from the OEM's web site and is considered to be the most up to date information at the time of printing.

<b>Dell™ 3000cn Cartridge Information</b>	<b>Black</b>	<b>Cyan</b>	<b>Magenta</b>	<b>Yellow</b>	<b>Drum</b>
<b>Manufacturer Part#</b>	K4971	T6412	M6935	P6731	M5065
<b>Dell Part #</b>	310-5726	310-5739	310-5738	310-5737	310-5732
<b>OEM Rated Yield</b>	4,000	2,000	2,000	2,000	42,000 (black) 10,5000 (color)
<b>OEM Web Price</b>	\$44.99	\$64.95	\$64.95	\$64.95	\$169.99

The following table is a summary of the Dell™ 3100 toner cartridge specifications. This information was obtained from the OEM's web site and is considered to be the most up to date information at the time of printing.

<b>Dell™ 3100cn Cartridge Information</b>	<b>Black</b>	<b>Cyan</b>	<b>Magenta</b>	<b>Yellow</b>	<b>Drum</b>
<b>Manufacturer Part#</b>	K4973	T6412	M6935	P6731	M5065
<b>Dell Part #</b>	310-5726	310-5739	310-5738	310-5737	310-5732
<b>OEM Rated Yield (Standard Yield)</b>	4,000	2,000	2,000	2,000	42,000 (black) 10,5000 (color)
<b>OEM Web Price</b>	\$44.99	\$64.95	\$64.95	\$64.95	\$169.99
<b>Manufacturer Part#</b>	K4973	K5364	K4972	K4974	M5065
<b>Dell Part #</b>	310-5726	310-5731	310-5730	310-5729	310-5732
<b>OEM Rated Yield (High Yield)</b>	4,000	4,000	4,000	4,000	42,000 (black) 10,5000 (color)
<b>OEM Web Price</b>	\$44.99	\$94.99	\$94.99	\$94.99	\$169.99

The following is a summary of the printer information for the Fuji-Xerox® DocuPrint® C525A toner cartridge.

<b>Printer Information</b>	
<b>Printer Name</b>	<b>Fuji-Xerox® DocuPrint® C525A</b>
<b>Printer Introduction Date</b>	Dec - 04
<b>Printer Introduction Price (street)</b>	99,800 Yen or approx: \$852 (Conversion as of Nov -06)
<b>Memory:</b>	64 MB/576 MB
<b>Duty Cycle (pages per month)</b>	45,000
<b>Print Speed (pages per minute)</b>	25 (b/w) / 5 (color) ppm
<b>Print Resolution (dpi)</b>	600 x 600 dpi

The following table is a summary of the Fuji-Xerox® DocuPrint® C525A Toner Cartridge specifications. This information was obtained from the OEM's web site and is considered to be the most up to date information at the time of printing.

<b>Fuji-Xerox® DocuPrint® C525A Cartridge Information</b>	<b>Black</b>	<b>Cyan</b>	<b>Magenta</b>	<b>Yellow</b>	<b>Drum</b>
<b>Part #</b>	CT200649	CT200650	CT200651	CT200652	CT350390
<b>OEM Rated Yield</b>	4,000	4,000	4,000	4,000	42,000 (black) 10,5000 (color)
<b>OEM Web Price</b>	\$84.00	\$147.00	\$147.00	\$147.00	\$221.00

\* Prices converted from Australian Dollar as of Nov ember 2006

**Other Compatibles:**

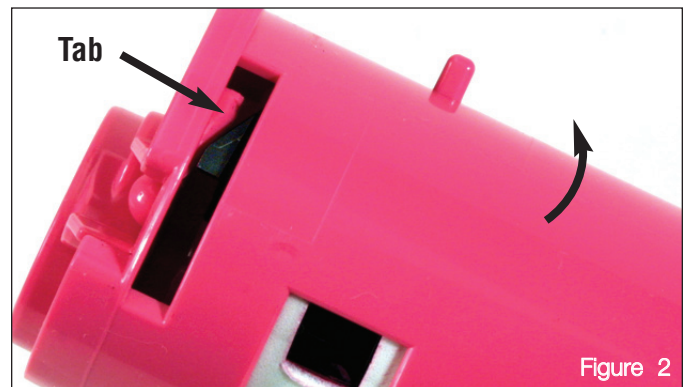
- ◆Epson® AcuLaser® C1100/CX111N mfp
- ◆Epson® LP-A500/V500
- ◆All offer HY (4k) and LY (1.5k)



# Disassembling the Toner Cartridge

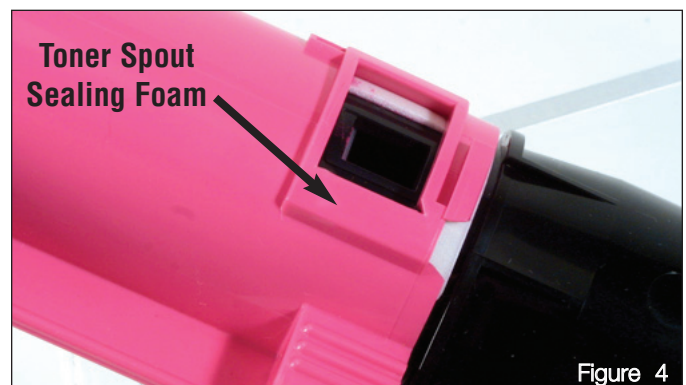
REMANUFACTURING THE  
DELL™ 3000/3010/3100 (FUJI-XEROX® DOCUPRINT® C525A) TONER CARTRIDGE

1. Using a flat blade screwdriver, push in the tab as shown in Figure 1. Rotate the end cap counter clockwise until the tab is past the lock position as shown in Figure 2.



2. Continue to rotate the end cap until it will not rotate any further.

The toner spout sealing foam, as shown in Figure 3, will be under the end cap in the area shown in Figure 4.



## disassembling the toner cartridge

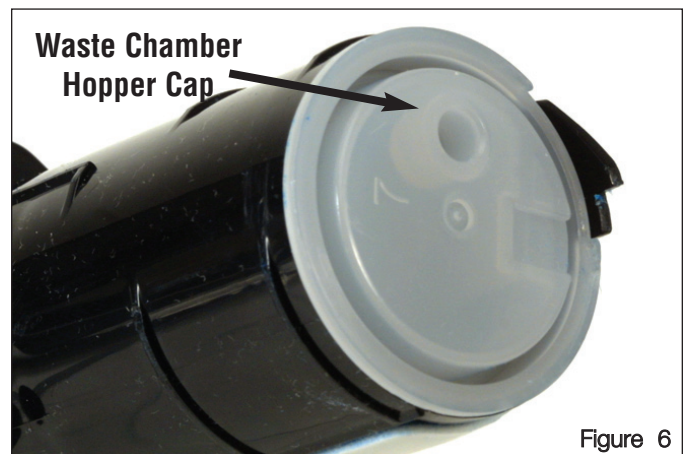
3. Pull the end cap straight out to remove it from the toner tube. See Figure 5.



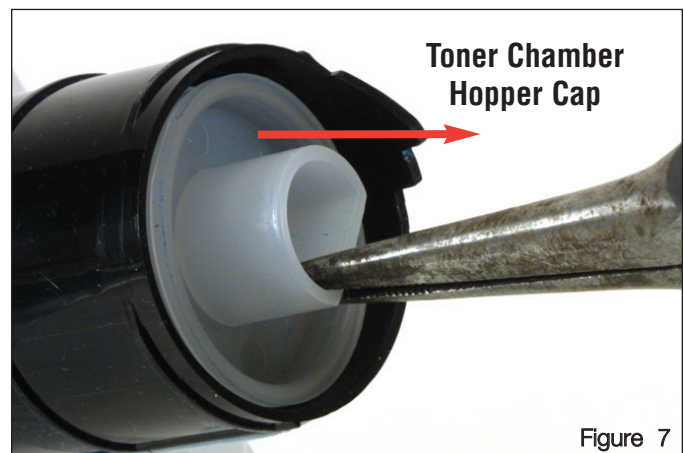
**Note:** Slight back and forth rocking of the endcap will make removal easier.



4. Remove the waste chamber hopper cap using a flat blade screwdriver. See Figure 6. Dump out any residual toner that may have collected in the waste chamber.



5. Using a needle-nose pliers, remove the toner chamber hopper cap and clean using dry, compressed air. See Figure 7.

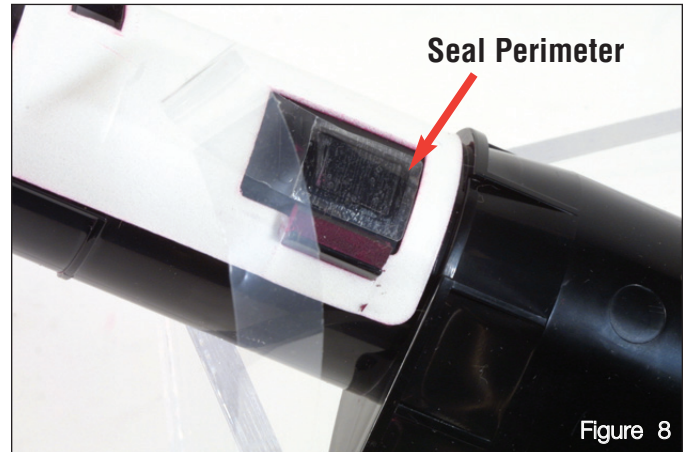




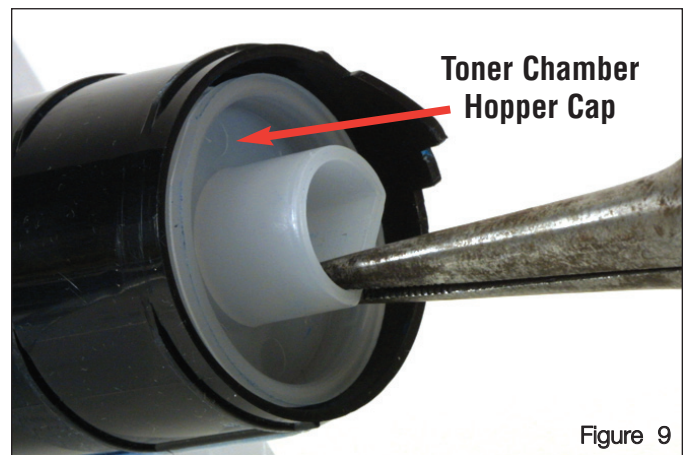
# Reassembling the Toner Cartridge

REMANUFACTURING THE  
DELL™ 3000/3010/3100 (FUJI-XEROX® DOCUPRINT® C525A) TONER CARTRIDGE

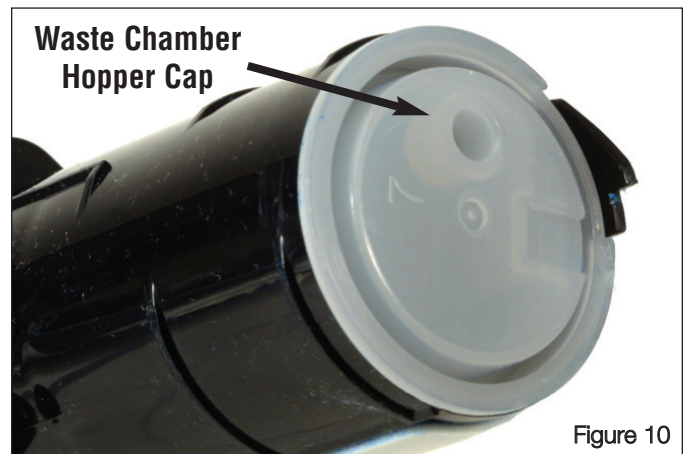
1. Clean the surface area around the toner spout with 91-99% isopropyl alcohol.
2. Remove the backing from the seal.
3. Install the seal on the toner port. See Figure 8.  
Apply pressure around the perimeter of the seal.



4. Shake the developer/toner mixture well and fill tube with developer/toner mixture.
5. Using a needlenose pliers, replace the toner chamber hopper cap. See Figure 9.



6. Install the waste chamber hopper cap, matching the notch in the cap with the tab on the tube. See Figure 10.

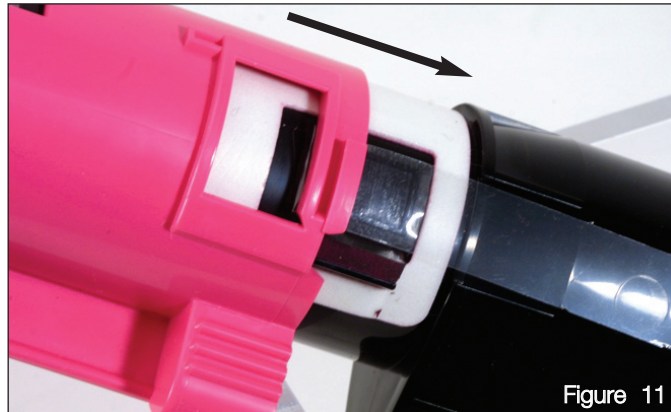




## reassembling the toner cartridge

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7. Fold over and crease the pull strip and replace the end cap onto the toner tube as shown in Figure 11.



8. Turn the end cap clockwise into place as shown in Figure 12.



 **Note:** For instructions on replacing the chip. Refer to SSS™ 810 “Xerox® 525 Chip Solution”

## **MOVING AT THE SPEED OF NEW TECHNOLOGY**

The development of cartridge imaging systems is the primary mission of our Imaging Labs. Through extensive testing and research, we develop the optimum combination of matched components for each cartridge system. Our engineering and manufacturing expertise provides us with total control in design, quality and development to produce products from the ground up. The result is a system of components that seamlessly work together in each cartridge application.

This dedication and commitment results in integrated cartridge systems that Static Control fully supports, allowing you to quickly attack new market opportunities with complete confidence in the reliability and performance of your cartridges.



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