LICENSE AGREEMENT

Static Control Components, Inc. (Static Control) grants this limited license to the person, firm or corporation (hereinafter "User") downloading electronically or by printing this file to use Static Control's copyrighted documents in accordance with the terms of this agreement. If you agree with the terms of the license then you may download this information. If you do not agree with the terms of the license, then you are not authorized to use this information, and any use of it may be in violation of Static Control's Control's copyrights or trademarks.

TRADEMARKS

The Static Control material herein may make reference to its own trademarks, or trademarks of others. Static Control grants a limited license to the User to use Static Control's trademarks in its internal documents and for its internal purposes on the following terms and conditions. Any use of Static Control's trademark must be used in a context which makes it clear that the product reference is a Static Control Components, Inc. product, and not a product from any source. The materials provided to the User may include reference to trademarks of others. Any use of the User makes of these marks should reference the owner of those marks. Nothing in this agreement constitutes any authorization by Static Control to use any of these trademarks in any context.

COPYRIGHTS

Static Control grants a limited license to the User to use the attached copyrighted documents. The permitted use of these documents is limited to internal purposes and needs of the company. The company is prohibited from using these copyrighted documents, or any part of them, including graphic elements, in any materials that are used outside the physical business location of the User. The User is prohibited from using any materials in any documents whether printed or electronic, which are distributed to any third party. The use of these copyrighted documents, or parts of them, including graphic elements, from these documents in marketing material, either print, electronic or web is prohibited. The sale, transfer, copying of these documents or any parts of these documents to any other party is prohibited.

Static Control Components, Inc. retains all rights to its copyrighted documents, and any use of these documents by User should reference Static Control's copyrights, with the notice "copyright Static Control Components, Inc."

Static Control reserves the right to cancel this license on 30-days written notice. All of the User's material incorporating Static Control's copyrighted documents shall be destroyed upon receipt of its notice of termination.

The User may not distribute, share, and otherwise convey the copyrighted documents to any other persons, corporations or individuals.

The User, by use of these documents, acknowledges Static Control's copyright in these materials.

STATIC CONTROL DOES NOT GUARANTEE OR WARRANT DOWNLOADED INFORMATION The information User is downloading is published by Static Control in "as is" condition "with all faults". Static Control makes no representations or warranties of any kind concerning the quality, safety, or suitability of the downloadable materials, either express or implied, including without limitation any implied warranties of merchantability,fitness for a particular purpose, or non-infringement. Further, Static Control makes no representations or warranties as to the truth, accuracy or completeness of any statements, information or materials concerning items available for download. In no event will Static Control be liable for any indirect, punitive, special, incidental, or consequential damages however they may arise even if Static Control has been previously advised of the possibility of such damages.



STATIC CONTROL INSTRUCTIONS



Hewlett-Packard LaserJet[®] 1010,1012, 1015 Cartridge

The HP LaserJet[®] 1010, 1012, 1015

In August 2003 HP released their replacement for the HP LaserJet[®] 1000 series printers, the HP1010, 1012 and 1015. Targeted at the needs of small and medium businesses, these three laser printers are just one-half the size of those they replace. All boast a print speed of 12 to 15ppm and feature HP's instant-on fuser, allowing for first page printing in less than 10 seconds.

The 1010, 1012 and 1015 are host-based printers, meaning the print job is rendered by the computer it is connected to rather than in the printer itself. This allows the printer to perform with less memory, which reduces the initial price of the machine. The trade-off is that print speed can vary with the content of the document and the processing speed of the host computer.

All three printers utilize the same toner cartridge (Q2612A), with an OEM rated yield of 2,000 pages. There is no chip on the cartridge and no apparent toner sensing capability. The two halves are held together with pins, requiring no special tooling for separation. Several of the components appear comparable to those in the 1200 cartridge, and Static Control's Imaging labs are in the process of testing each for compatibility. Once testing is completed, Static Control will release detailed reports on the HP1010/1012/1015 cartridge and its components.

The HP LaserJet® 1010 Printer

Туре:	mono desktop
Introduction Price (street):	\$149
First Page Out Time:	8
Print Resolution (dpi):	600x600 REt
Print Speed (pages per minute):	12
Duty Cycle (pages per month):	5,000

The HP LaserJet® 1012 Printer

Туре:	mono desktop
Introduction Price (street):	\$199
First Page Out Time:	8
Print Resolution (dpi):	1200x1200 REt
Print Speed (pages per minute):	14
Duty Cycle (pages per month):	5,000

The HP LaserJet® 1015 Printer

Туре:	mono desktop
Introduction Price (street):	\$299
First Page Out Time:	8
Print Resolution (dpi):	1200x1200 REt
Print Speed (pages per minute):	14
Duty Cycle (pages per month):	7,000

Version 2- July 2005 SYSTEM SUPPORT SERIES[™]

CARTRIDGE REMANUFACTURING INSTRUCTIONS FOR:

HEWLETT-PACKARD 1010,1012,1015

TABLE OF CONTENTS

Introductioni
Needed Tools & Suppliesii
Cartridge Information Tableiv
Cartridge Specificationsv
Drum sectionvi
Hopper sectionvii
Separating the two sections1
Disassembling the Toner Hopper
Disassembling the Waste Bin7
Reassembling the Waste Bin9
Reassembling the Toner Hopper15
Reassembling the two Sections

GO TO WWW.SCC-INC.COM

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

Other System Support Series[™] documents available in Adobe[®] Acrobat[®] format



QUESTIONS?

Please call one of our main numbers and ask for your Support Team Representative or E-mail us at:

> US AND CANADA info@scc-inc.com

UK info@scceurope.co.uk

WWW.SCC-INC.COM

US AND CANADA 800.488.2426 • INTERNATIONAL 919.774.3808 • EUROPE +44 (0) 118.923.8800 US/CAN FAX: 800-488-2452 • INTERNATIONAL FAX 919-774-1287



Purpose of this SSS

The purpose of this SSS is to provide you a guide and the basic information needed to remanufacture an HP LaserJet[®] 1010, 1012, 1015 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. Complete the following steps to check for updated documentation and technical updates:

- 1. Go to http://www.scc-inc.com/imaging/Imaging.htm.
- 2. Scroll down to the Technical Documents area of the screen.
- 3. Select the link for the new or updated SSS.
- 4. When the SSS file opens, print the file.

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:

A

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

For Basic Remanufacturing:

- Phillips Screwdriver
- Standard Flat-Blade Screwdriver
- Small-Tipped Flat-Blade Screwdriver
- Long nose Pliers
- Funnel for Toner Bottle
- Compressed Air for Cleaning
- 91%-99% Isopropyl Alcohol
- Lint-Free Foam Tip Swab (LFSWAB)
- Lint-Free Cleaning Cloth (LFCCLOTH)
- Cotton Swab (QTIP)
- Conductive Cartridge Lubricant (CONCLUBE)
- Kynar[®] Lubricating Powder (KPOW)
- Shallow Trough for Dipping the Wiper Blade
- HP1200 Pin Removal Tool (HP12PRTOOL)
- HP 1200 Seal (HP12SEAL)

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.

The following is a summary of the cartridge information for the HP1010/1012/1015 series printer and printer cartridge.

Cartridge Information	Black
Cartridge Part # (OEM)	Q2612A
OEM Rated Page Yield	2,000
HP MSRP*	\$109
OEM Street Price* (hpshopping.com)	\$69.99
OEM Wholesale*	\$56.47
*Prices as of Nov. 2002	

The following table is summary of the HP1010/1012/1015 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.

Compatibility	
Compatibility	HP LaserJet 1010/1012/1015 Series printers
Print Technology/Print Color	
Print cartridges, color (cartridge #)	Black (Q2612A)
Print technology	Laser
Resolution technology	Ultraprecise
Volume	
Approximate page yield (letter)	2,000 *Based on 5% average coverage
Environmental Specifications	
Storage humidity	0 to 85% RH
Operating temperature (Fahrenheit)	50 to 91° F
Storage temperature (Fahrenheit)	-4 to 104° F
Packaging Information	
Package weight	1.96 lb

CARTRIDGE WIRELINE

Contact Side

Drive Side



CARTRIDGE WIRELINE





This section provides the information needed to separate the Toner Hopper and Waste Bin sections from each other. Before attempting to perform the following procedures, read the entire section carefully. Ensure that you follow all necessary safety precautions.

1. Remove the two screws from the Outer Drive Side End Plate. See Figure 1.



Remove the three screws from the End Plate.

2. Hold the Drum Shutter open and use a hook tool to remove the Organic Photoconductive (OPC) Drum Tension Spring from the contact side as shown in Figure 2.



Hold the Drum Shutter Open and remove the OPC Drum Tension Spring using a hook tool.

- 3. Pull the top of the Drum Drive Element Support Ring out slightly; then, push the OPC Drum Drive Element out past the ring. See Figure 3.
- 4. Grasp the OPC Drum by the Drum Drive Element and pull it out of drive side of the cartridge body.



Push out on the Drum Drive Element Support Ring; then, pull the drive end of the OPC Drum up and out of the cartridge body.

- Using a pair of Long Nose Pliers remove the Primary Charge Roller (PCR) from one of the saddles; then, remove the PCR from the cartridge body. See Figure 4. The PCR should be removed or handled only by the axle.
- Note: For instructional purposes some Figures may show the Toner Hopper and Waste Bin separated.



- Starting on either side of the cartridge, push the Cartridge Pins out of the cartridge body using a Pin Removal Tool (HP12PRTOOL) as shown in Figure 5; then, repeat this step on the opposite side.
- 7. Set the two sections aside and continue to page 3 for further instructions.



Remove the Cartridge Pins from the Cartridge body.



REMANUFACTURING THE HP1010,1012,1015

This section provides the information needed to disassemble the Toner Hopper Section of the cartridge. At this point you should have separated the Toner Hopper Sections from the Waste Bin, as described earlier in this SSS[™]. For information on separating the two sections see "Separating the Toner Hopper and Waste Bin" on page 1. Before attempting to perform the following procedures, read the entire section carefully. Ensure that you follow all necessary safety precautions.

 Using a Phillips screwdriver remove the End Plates from each end of the Toner Hopper. See Figures 6 and 7. The Drive Gears may remain in the End Plate or on the Toner Hopper body.



Remove the Drive Side End Plate Screw and End Plate.



Remove the Contact Side End Plate Screw and End Plate.



With the Drive Side End Plate removed, pull the drive gears off.



Note: Only two Drive Gears must be removed. In some cases one of the Drive Gears will remain in the End Plate as shown in Figure 8.

3. Grasp the Mag Roller at each end; then, lift the Mag Roller up and out of the Toner Hopper. Place the Mag Roller in a safe place for future use. See Figure 9.



Using two hands lift the Mag Roller up and out of the Toner Hopper.

- 4. Using a Phillips screwdriver remove the screws securing the Doctor Blade and the Plastic Wipers. See Figure 10.
- Place the screws and the Plastic Wipers in a safe location for reuse during reassembly. Inspect the Plastic Wipers for signs of damage or wear.
- 6. Position the Toner Hopper so that the drive side of the hopper is nearest you.



Remove the screws from each end of the Doctor Blade.

7. Using a Flat Tipped screwdriver pry the Drive Side of the Doctor Blade up; then, grasp the end and continue to pull up to remove Doctor Blade. See Figure 11.

Notes:



1. Care should be taken not to break the Doctor Guide Pins.

2. There is adhesive on the underside of the Doctor Blade that may make it difficult to remove the Doctor Blade.



Using a screwdriver pry up on the drive side of the Doctor Blade; then, pull the Doctor Blade up from the Drive Side.

8. Inspect the Mag Roller Sealing Blade for damage or signs

of wear. If necessary replace the Mag Roller Sealing Blade. See Figure 12.

- 9. Inspect the Doctor Blade End Foams and the Mag Roller End Foams for signs of toner build up, wear or missing pieces. If there are signs of toner build up, wear or missing pieces, remove the foams.
- 10. Clean the Toner Hopper body, removing any remaining toner.
- 11. Set the Toner Hopper to the side and continue to page 7 for further instructions.



Lift the corner of the Mag Roller Sealing Blade; then peel it off of the Toner Hopper.



This section provides the information needed to disassemble the Waste Bin Section of the cartridge. At this point you should have separated the Toner Hopper Section from the Waste Bin, as described earlier in this SSS[™]. For information on separating the two sections see "Separating the Toner Hopper and Waste Bin" on page 1. Before attempting to perform the following procedures, read the entire section carefully. Ensure that you follow all necessary safety precautions.

 Remove the Drum Shutter Tension Spring by pushing the leg of the spring down; then, pull the leg out and away from the tab. See Figure 3.



Push down on the leg of the spring until it clears the tab; then, pull the leg out away from the tab.



Push the shutter arm out of the saddles on each end.

 Remove the Drum Shutter from the Toner Hopper body by pressing up shutter arm until it snaps out of the saddles on each end. See Figure 14.

- 3. Using a Phillips screwdriver remove, the screws on each end securing the Wiper Blade to the Waste Bin. See Figure 15.
- 4. Remove the Wiper Blade from the Waste Bin, and place it in a safe location for reuse during reassembly.



Remove the screws securing the Wiper Blade in place; then, remove it from the cartridge.

- Inspect the Recovery Blade for signs of damage or wear. If necessary remove the Recovery Blade so that it may be replaced during reassembly of the cartridge. See Figure 16.
- 6. Inspect the Wiper Blade Sealing Foam, End Foams, and End Felts for signs of wear or damage. If there are large amounts of toner embedded in the foams or if pieces of the felts and foams are missing, they must be replaced. For instructions on how to replace these foams and felts see page 9 of "Reassembling the Waste Bin".
- 7. Clean the entire Waste Bin thoroughly; then, continue to the next page for further instructions.



Lift the corner of the Recovery Blade; then, peel it off the cartridge body.



Reassembling the Waste Bin

This section provides the information needed to assemble the Waste Bin Section of the cartridge. At this point you should have disassembled and cleaned the entire cartridge as described in this SSS[™]. If you have not disassembled and cleaned the cartridge see page 1 for instructions. Before attempting to perform the following procedures, read the entire section carefully. Ensure that you follow all necessary safety precautions.

1. If the Wiper Blade Sealing Foam, End Foams, and End Felts were removed, replace them.

Wiper Blade Sealing Foam:

- a. Clean the mounting surface with 91%-99% Isopropyl Alcohol and a clean lint-free cloth.
- b. Remove the protective backing from the new Sealing Foam.
- c. Aligning the Sealing Foam with the ledge on the Contact side of the Waste Bin, set the Sealing Foam in place, see Figure 17.
- Note: Ensure that you do not stretch the Foam while installing it.
 - d. Press down firmly along the entire length of the Sealing Foam to activate the pressure sensitive adhesive.

Notes:

- If the Wipe Blade End Felts and Foams were replaced, the Recovery Blade must be replaced at the same time to prevent possible toner leakage.
- 2. The Wiper Blade End Felts and Foams must be replaced at the same time for best results.

Wiper Blade End Foams:

- a. Using 91%-99% Isopropyl Alcohol and a clean lintfree cloth, clean the mounting surfaces on each side of the Waste Bin as shown in Figure 18.
- Align the edge of the End Foam with the back and side ledge next to the mounting surface and set the End Foam in place. See Figure 19.
- c. Press down firmly on the End Foam to activate the pressure sensitive adhesive.
- d. Repeat these steps for the remaining Wiper Blade End Foam.



Align the sealing foam with the ledges of the Waste Bin and press it in to place.



Clean the mounting surface for the Wiper Blade End Foams.



Align the Wiper Blade End Foam with the back and side ledge; then, press in to place.

Contact Side Wiper Blade End Felt:

- Using 91%-99% Isopropyl Alcohol and a clean, lintfree cloth, clean the mounting surfaces on each side of the Waste Bin.
- Position the End Felt with the notched or cutout portion of the end felt facing the inside of the cartridge body.
- Using the alignment lines as a guide, align the Contact Side Wiper Blade End Felt in the area shown in Figure 20.



Align the Contact Side Wiper Blade End Felt as shown in the figure .

d. Press down firmly on the End Felt to activate the pressure sensitive adhesive. Figure 21 shows how the Wiper Blade End Felt and Foam should look once installed. Continue to Drive Side Wiper Blade End Felt.



Contact Side Wiper Blade End Felt and End Foam installed in the cartridge body.

Drive Side Wiper Blade End Felt:

- Using 91%-99% Isopropyl Alcohol and a clean, lintfree cloth, clean the mounting surfaces on each side of the Waste Bin.
- Position the End Felt with the notched or cutout portion of the end felt facing the inside of the cartridge body.
- Using the alignment lines as a guide, align the Contact Side Wiper Blade End Felt in the area shown in Figure 22.

Continue to the next page.



Position the End Felt as shown, align the edges of the felt with the highlighted area shown in the figure.

 Press down firmly on the End Felt to activate the pressure sensitive adhesive. Figure 23 shows how the Wiper Blade End Felt and Foam should look once installed.



Drive Side Wiper Blade End Felt and End Foam installed in the cartridge body.

- 2. Replace the Recovery Blade.
 - Using 91%-99% Isopropyl Alcohol and a clean, lintfree cloth, clean the mounting surface as shown in Figure 24.
 - b. Remove the protective backing from the Recovery Blade and install it on the Waste Bin.
 - c. Press firmly along the entire length of the Recovery Blade to activate the pressure sensitive adhesive.
- 3. Apply Kynar lubricant to the working edge of the Wiper Blade.
- Install the Wiper Blade by inserting in to the Waste Bin as shown; then, secure it in place using two Phillips head screws. See Figure 25.



Use 91% - 99% Isopropyl Alcohol and a lint-free cloth to clean the Recovery Blade Mounting Surface.



Insert the Wiper Blade in to the Cartridge Body and secure it in place using the two Phillips head screws.

- 6. Install the PCR.
 - a. Apply a small amount of conductive grease to the contact side saddle as shown in Figure 26.
 - b. Grasp the PCR by its axle and place it in the PCR saddles.
 - c. Press down on the PCR axle on each end directly over the saddles. The PCR will snap in to place.



Apply conductive grease to the contact side saddle.

- 7. Install the OPC Drum.
 - a. Hold the OPC Drum by the Drum Drive Gear as shown in Figure 27.



Hold the OPC Drum by the Drive Gear.

b. Push the OPC Drum on to the Drum Axle as shown in Figure 28.

Continue to the next page.



Push the OPC Drum on to the Drum Axle.

c. Move the Drum Drive Element through the opening in the Drum Drive Element Support Ring. See Figure 29.



8. Install the Drum Shutter.

a. Position the Waste Bin and the Drum Shutter as shown in Figure 30.

Press the Drum Drive Element through the opening in the Support Ring.



Position the Waste Bin and Shutter as shown.



Press the Drum Shutter Support Arm in to the saddles on each end.

- b. Place the Drum Shutter Support Arm over the two saddles.
- c. Press down on each end of the Drum Shutter Support Arm until goes in to place. In some instances the Drum Shutter support arm will slip in to place without any effort. See Figure 31.

- Hold the Waste Bin off of the work surface and let the shutter move toward its closed position.
 See Figure 32.
- Contact Side Drive Side
- e. Position the Waste Bin so that the Contact Side is on your right.
- f. Then, slide the Drum Shutter Tension Spring over the shaft on the support arm as shown in Figure 33.

Pick up the Waste Bin and let the Drum Shutter Close.



Contact Side

Place the Drum Shutter Tension Spring on to the support arms shaft.

- Press the long leg of the tension spring in to place under the Tension Spring Retention Tab. See Figure 34.
- 9. Continue to the next page to begin reassembling the Toner Hopper.



Place the long leg of the Drum Shutter Tension Spring under the Tension Spring Retention Tab.



REMANUFACTURING THE **HP1010,1012,1015**

This section provides the information needed to assemble the Toner Hopper of the cartridge. At this point you should have disassembled and cleaned the entire cartridge as described in this SSS[®]. If you have not disassembled and cleaned the cartridge see page 1 for instructions. Before attempting to perform the following procedures, read the entire section carefully. Ensure that you follow all necessary safety precautions.

- Install the seal over the toner port, fill with toner, and install the Hopper Cap. For instructions on sealing the cartridge, please refer to SSS[™] 409.
- 2. If the Doctor Blade End Foams and the Mag Roller End Foams were removed replace them now.
 - a. Position the Toner Hopper as shown in Figure 35.
 - Clean the mounting surfaces for the Doctor Blade
 End Foams and the Mag Roller End Foams.
 See Figure 36.



Position the Toner Hopper as shown.



Clean the mounting surfaces on the Toner Hopper Assembly.

- c. Remove the backing from a Doctor Blade End Foam, and install it in to the mounting area on the Drive Side of the Toner Hopper. See Figure 37.
- d. Repeat step c on the Contact Side.
- e. Remove the backing from a Mag Roller End Foam and press it firmly against the Drive Side of the Toner Hopper; then do the same on the opposite side. See Figure 37.
- Note: When installing the Mag Roller End Foams, ensure that the top edges of the Foam is aligned with the contours of the Toner Hopper.
 - f. Repeat step e on the Contact Side.



Install the Doctor Blade and Mag Roller End Foams in the Toner Hopper.

- 3. Install the new Mag Roller Sealing Blade. See Figure 38.
 - a. Using 91%-99% Isopropyl Alcohol and a clean, lint-free cloth, clean the mounting surface.
 - b. Remove the protective backing from the Mag Roller Sealing Blade and align the edge of the Mag Roller Sealing Blade with the small alignment marks on either end of the Toner Hopper.
 - c. Press firmly along the entire length of the Sealing Blade to activate the pressure sensitive adhesive.



Starting from either end, align the Mag Roller Sealing Blade with the index mark on the Toner Hopper Body; then, press the Mag Roller Sealing Blade in to place.

4. Install the Doctor Blade.

- a. Remove the adhesive backing from the underside of the Doctor Blade.
- b. Position the Doctor Blade so that the slot is in your left hand. The slotted end is the contact side.
- c. Set the contact side down first letting the slot in the Doctor Blade go around the alignment pin; then, lower the Drive Side of the Doctor Bar in to place. The alignment pin should fit easily through the hole in the Doctor Blade. See Figure 39.
- Place the Plastic Wipers on top of the Doctor Blade; then, using a Phillips screwdriver, install the two screws to secure the Doctor Blade and Plastic Wipers in place. See Figure 40.
 - **Note:** For instructional purposes, the Toner Hopper has been rotated to make it easier to see the position of the Plastic Wipers.

6. Set the Mag Roller in place as shown in Figure 41.

Contact Side Doctor Blade Alignment Pin

Place the slot of the Doctor Blade around the alignment pin on the contact side of the Toner Hopper.



Position the two Plastic Wipers and secure them in place with a Phillips head screw.



Set Mag Roller in place.

7. Ensure that the keyed axle on the contact side of the Mag Roller is in the proper position. Rotate the Mag until the flat area of the keyed axle on the contact end of the Mag Roller is facing up. See Figure 42.



Keyed End of Mag Roller.

- 8. Feed the tail of the seal through the opening on the Contact Side Inner End Plate.
- 9. Press the Contact Side End Plate in place; then, secure it with one Phillips head screw directly below the seal exit port opening. See Figure 43.



Contact Side End Plate installed with Seal Tail pulled through.

- 10. Install the two Drive Gears to the Drive Side of the Toner Hopper in the orientation shown in Figure 44.
- 11. While pressing down on the Mag Rollers Drive Gear, place the Drive Side End Plate in to position.



Install the Drive Gears on the Toner Hopper.

- 12. Secure the Drive Side Inner End Plate with one Phillips head screw, as shown in Figure 45.
- 13. Continue to the page 21 for instructions on how to reassemble the Toner Hopper and Waste Bin.



Secure the Drive Side Inner End Plate with a Phillips head screw.



This section provides the information needed to reattach the Toner Hopper and Waste Bin Sections of the cartridge to each other. At this point the two sections should have been disassembled, cleaned, and reassembled as described in this SSS^{*}. If you have not completed these tasks, then see page 1 for instructions. Before attempting to perform the following procedures, read the entire section carefully. Ensure that you follow all necessary safety precautions.

1. Position the two sections as shown in Figure 46, with the Mag Roller and OPC Drum away from you.



Position the two halves of the cartridge as shown.

2. Insert the legs from the Toner Hopper in to the matching slots on the Waste Bin while placing the Toner Hopper section on top of the Waste Bin. See Figure 47.



Insert the legs of the Toner Hopper in to the slots of the Waste Bin while placing the Toner Hopper on top of the Waste Bin.

3. Hold the two sections together with the Drum Shutter open; then, insert the Cartridge Pins in to the holes on each side of the cartridge body. See Figure 48.



Hold the Drum Shutter open and insert the Cartridge Pins in each end of the Cartridge



Secure the Outer Drive Side End Plate with two Phillips head screws.



Install the OPC Drum Tension Spring as orientated.

4. Put the Outer Drive Side End Plate in to place; then, secure it using two Phillips head screws. See Figure 49.

5. Install the OPC Drum Tension Spring to the Contact Side of the cartridge, as shown in Figure 50.

LICENSE AGREEMENT

Static Control Components, Inc. (Static Control) grants this limited license to the person, firm or corporation (hereinafter "User") downloading electronically or by printing this file to use Static Control's copyrighted documents in accordance with the terms of this agreement. If you agree with the terms of the license then you may download this information. If you do not agree with the terms of the license, then you are not authorized to use this information, and any use of it may be in violation of Static Control's copyrights or trademarks.

TRADEMARKS

The Static Control material herein may make reference to its own trademarks, or trademarks of others. Static Control grants a limited license to the User to use Static Control's trademarks in its internal

documents and for its internal purposes on the following terms and conditions. Any use of Static Control's trademark must be used in a context which makes it clear that the product reference is a Static Control Components, Inc. product, and not a product from any source. The materials provided to the User may include reference to trademarks of others. Any use of the User makes of these marks should reference the owner of those marks. Nothing in this agreement constitutes any authorization by Static Control to use any of these trademarks in any context.

COPYRIGHTS

Static Control grants a limited license to the User to use the attached copyrighted documents. The permitted use of these documents is limited to internal purposes and needs of the company. The company is prohibited from using these copyrighted documents, or any part of them, including graphic elements, in any materials that are used outside the physical business location of the User. The User is prohibited from using any materials in any documents whether printed or electronic, which are distributed to any third party. The use of these copyrighted documents, or parts of them, including graphic elements, from these documents in marketing material, either print, electronic or web is prohibited. The sale, transfer, copying of these documents or any parts of these documents to any other party is prohibited.

Static Control Components, Inc. retains all rights to its copyrighted documents, and any use of these documents by User should reference Static Control's copyrights, with the notice "copyright Static Control Components, Inc."

Static Control reserves the right to cancel this license on 30-days written notice. All of the User's material incorporating Static Control's copyrighted documents shall be destroyed upon receipt of its notice of termination.

The User may not distribute, share, and otherwise convey the copyrighted documents to any other persons, corporations or individuals.

The User, by use of these documents, acknowledges Static Control's copyright in these materials.

STATIC CONTROL DOES NOT GUARANTEE OR WARRANT DOWNLOADED INFORMATION

The information User is downloading is published by Static Control in "as is" condition "with all faults". Static Control makes no representations or warranties of any kind concerning the quality, safety, or

suitability of the downloadable materials, either express or implied, including without limitation any implied warranties of merchantability,fitness for a particular purpose, or non-infringement. Further, Static Control makes no representations or warranties as to the truth, accuracy or completeness of any statements, information or materials concerning items available for download. In no event will Static Control be liable for any indirect, punitive, special, incidental, or consequential damages however they may arise even if Static Control has been previously advised of the possibility of such damages.

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.



STATIC CONTROL COMPONENTS, INC.

SCC Imaging Division

3010 Lee Avenue • PO Box 152 • Sanford, NC 27331 US/Can 800·488·2426 • US/Can Fax 800·488·2452 Int'l 919·774·3808 • Int'l Fax 919·774·1287 www.scc-inc.com

Static Control Components (Europe) Limited

Unit 32, Sutton's Business Park • Sutton's Park Avenue • Earley Reading • Berkshire RG6 1AZ • United Kingdom Tel +44 (0) 118 935 1888 • Fax +44 (0) 118 935 1177