Static Control®

REMANUFACTURING INSTRUCTIONS

Lexmark® MS/MX310/410/510/610 Series
Dell® B2360/3460/3465
Lexmark® MS/MX710/711/810 Series
Dell® B5460/5465

Remanufacturing and Chip Installation Instructions

SSS™ 1216

- Dry, Filtered, Ionized, Compressed, Air For Cleaning

- 91-99% Isopropyl Alcohol

- Phillips Screwdriver

- Safety Glasses

- Field Service Kit (FSKL3RD)

- Cartridge Cleaning Workstation

- Toner Pour Spout (TPS)

- Lint-Free Cleaning Cloth (LFCCLOTH)

- Rubber Gloves

- Small Slotted Screwdriver

- Small Phillips Screwdriver

- Clear Tape

Compressed Air

91-99% Isopropyl Alcohol

Phillips Screwdriver

Safety Glasses

Field Service Kit

Cartridge Cleaning Station

Toner Pour Spout (TPS)

Lint-Free Cleaning Cloth

Rubber Gloves

Small Slotted Screwdriver

Small Phillips Screwdriver

Clear Tape

For the Latest Chip Information

Please visit Static Control's Chip Center for a listing of all the cartridges for which these chips are qualified. The chip center is located online at http://www.scc-inc.com/chipcenter. Contact your Static Control Support Team for product information, ordering and technical support services. For the latest cartridge information and other SSS™ documents, please visit www.scc-inc.com.

Chip markings may vary depending on region and color. Chip appearance subject to change. Pictures and images may not be reflective of current offering.

Warning: To prevent damage, personal grounding devices such as Static Control's Field Service Kit (FSKL3RD), should always be used when working with static sensitive components.

Note: This document shows how to remanufacture cartridges with **large hopper caps** (MS/MX710/711/810 Series) and **small hopper caps** (MS/MX310/410/510 Series).

STEP 1.1

Large Hopper Cap — Tape

FIGURE 1.1A

Small Hopper Cap — Tape

FIGURE 1.1B
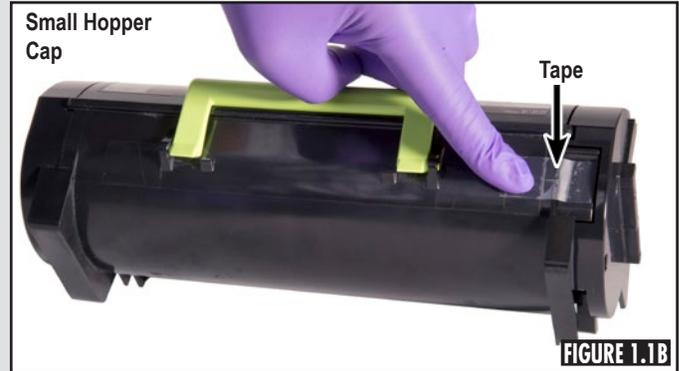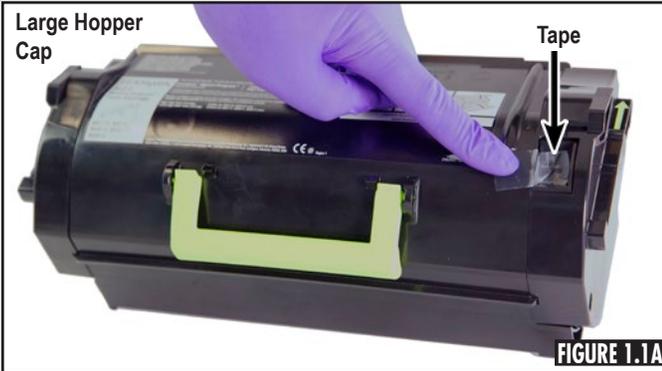
Place a piece of clear tape over the toner supply actuator mechanism to prevent movement while remanufacturing the cartridge (Figures 1.1A and 1.1B).

STEP 1.2

Large Hopper Cap — Screws — Phillips Screwdriver

FIGURE 1.2A

Small Hopper Cap — Screws — Phillips Screwdriver
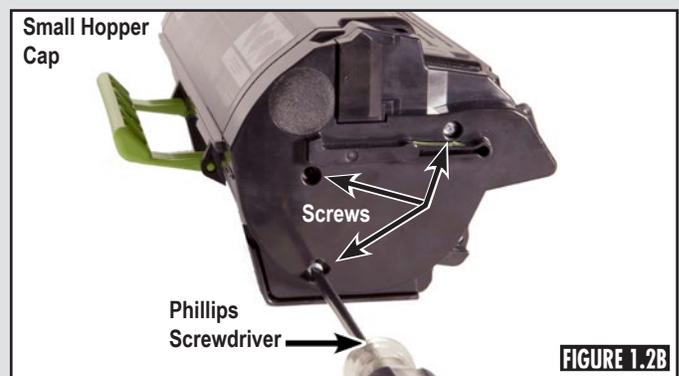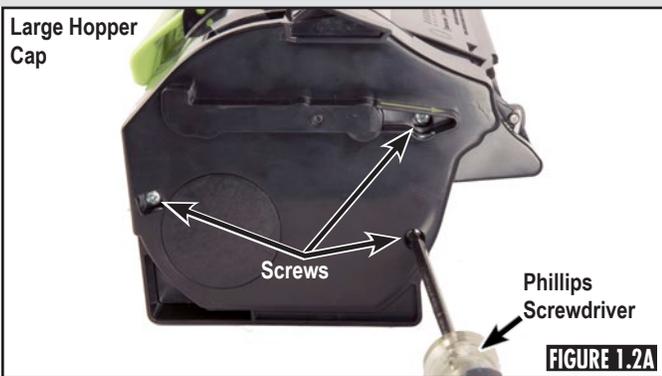
FIGURE 1.2B

Using a #2 Phillips screwdriver, remove the three screws from the non-drive side end plate as shown (Figures 1.2A and 1.2B).

STEP 1.3

Non - Drive Side End Plate — Large Hopper Cap

FIGURE 1.3A

Small Hopper Cap — Non - Drive Side End Plate
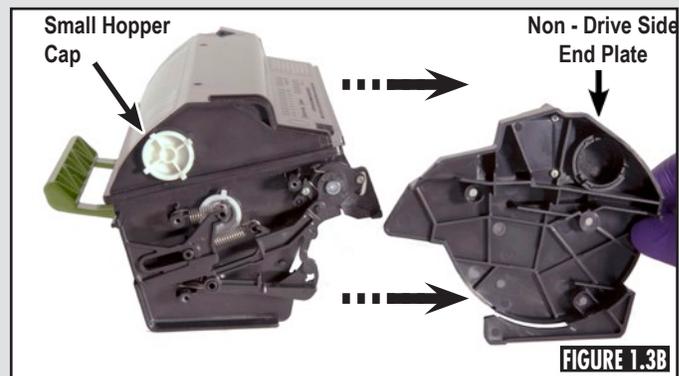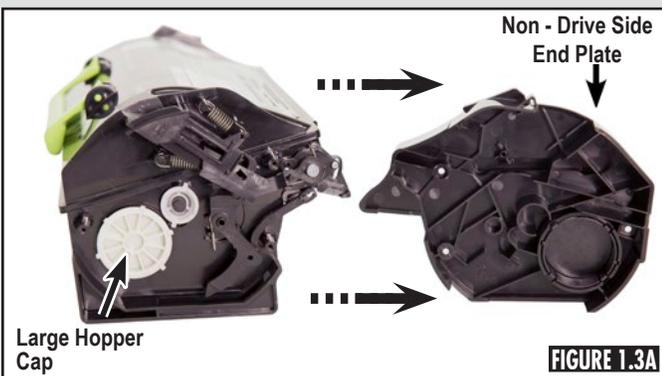
FIGURE 1.3B

Remove the non-drive side end plate (Figures 1.3A and 1.3B).

STEP 1.4
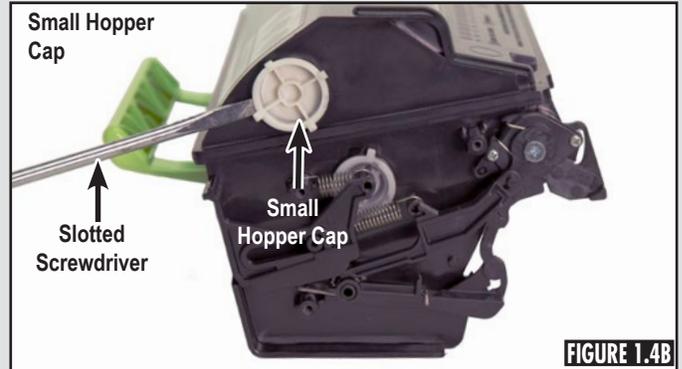
FIGURE 1.4A

FIGURE 1.4B

Use a small slotted screwdriver to gently pry the hopper cap from the cartridge (Figures 1.4A and 1.4B).

STEP 1.5

FIGURE 1.5A

FIGURE 1.5B

Dump any remaining toner and clean the cartridge using dry, filtered, ionized, compressed air (Figures 1.5A and 1.5B).

STEP 2.1
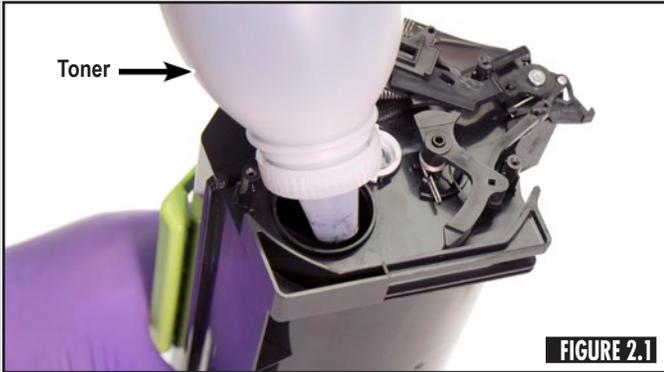
FIGURE 2.1

Fill the cartridge with approved toner (Figure 2.1) and install the large or small hopper cap.

STEP 2.2
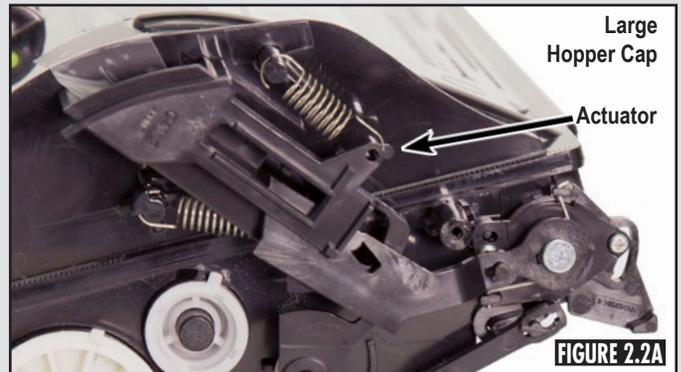
FIGURE 2.2A

Ensure the toner supply actuator mechanisms are positioned as shown in Figures 2.2A, 2.2B, and 2.2C.

FIGURE 2.2B

Note: The small hopper cap cartridges have two styles of actuator mechanisms; either the 1-piece design (Figure 2.2B) or the 2-piece design (Figure 2.2C).

FIGURE 2.2C

Note: An improperly positioned actuator mechanism will cause a *"31.xx reinstall missing or unresponsive cartridge/imaging unit"* error to occur after printing 50-200 pages.

STEP 2.3
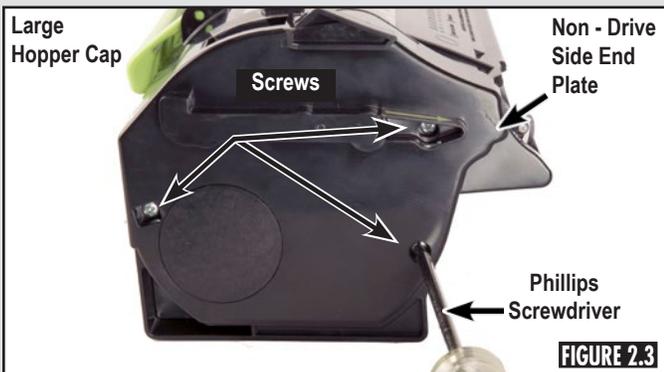
FIGURE 2.3

If remanufacturing a cartridge with a small hopper cap, proceed to step 3.1. If remanufacturing a cartridge with a large hopper cap, install the non - drive side end plate and secure it with three screws (Figure 2.3).

STEP 2.4

FIGURE 2.4

Remove the clear tape from the toner supply actuator mechanism (Figure 2.4) then proceed to step 5.1.

STEP 3.1

Screws

Small Phillips Screwdriver
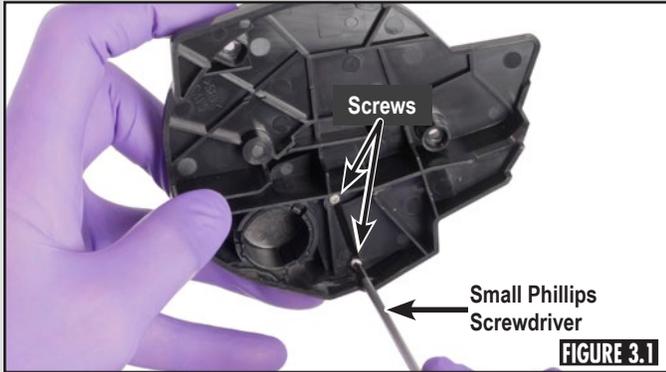
FIGURE 3.1

Use a small Phillips screwdriver to remove the two screws from the chip housing as shown in Figure 3.1.

STEP 3.2

Non-Drive Side End Plate

Chip Housing
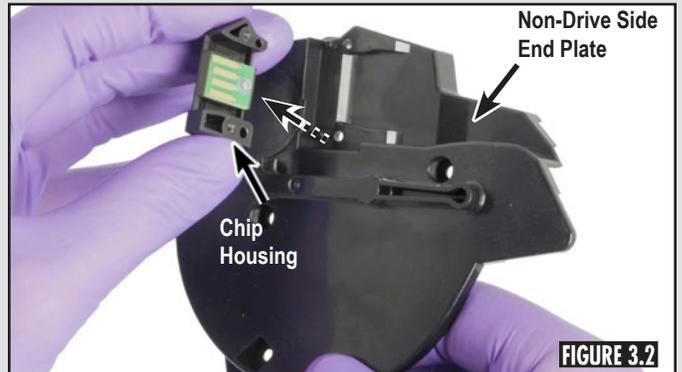
FIGURE 3.2

Lift the chip housing to remove it from non-drive side end plate (Figure 3.2).

STEP 3.3

Spent Chip and Chip Housing

Small Phillips Screwdriver
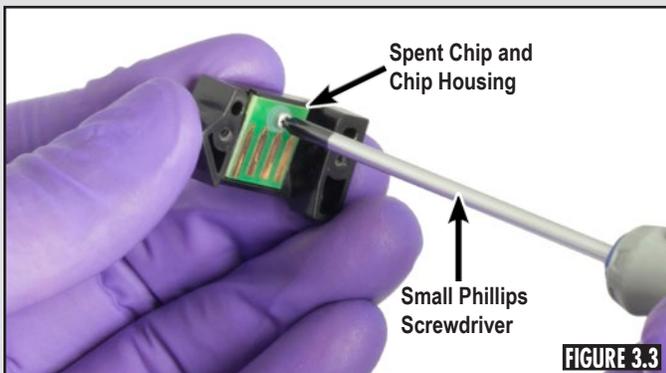
FIGURE 3.3

Remove the screw and plastic washer securing the chip (Figure 3.3). Remove the chip from the housing.

STEP 4.1
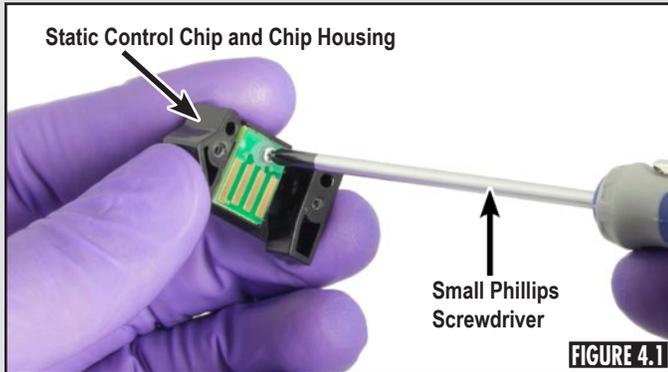
Static Control Chip and Chip Housing

Small Phillips Screwdriver

FIGURE 4.1

Place the new Static Control chip into the chip housing and secure with the screw and plastic washer (Figure 4.1).

STEP 4.2

Static Control Chip and Chip Housing
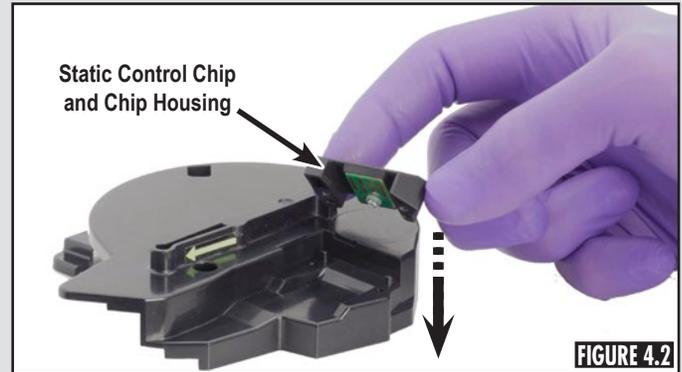
FIGURE 4.2

Place the chip housing with the Static Control chip onto the non-drive side end plate (Figure 4.2). Secure the chip housing with 2 small screws.

STEP 4.3

Non-Drive Side End Plate
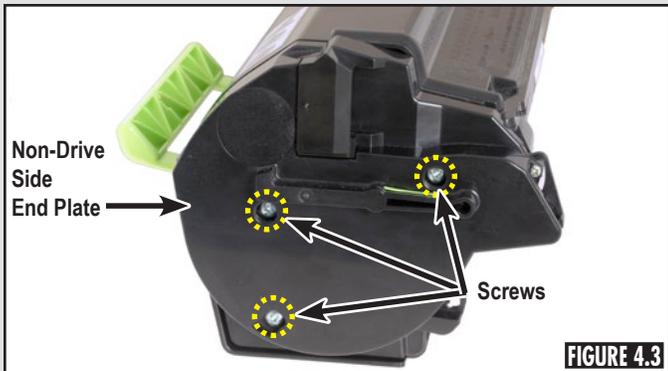
Screws

FIGURE 4.3

Install the non-drive side end plate and secure it with three screws as shown in Figure 4.3.

STEP 4.4
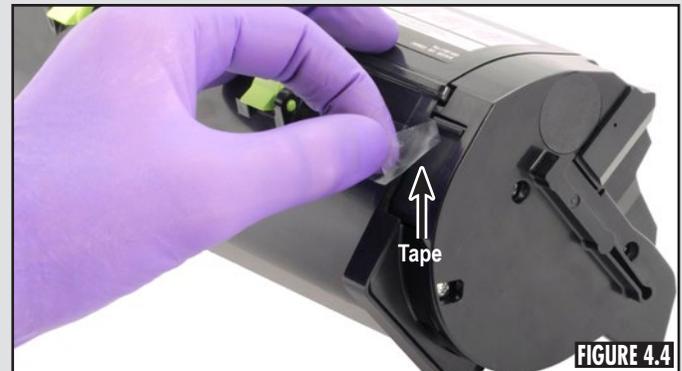
Tape

FIGURE 4.4

Remove the clear tape from the toner supply actuator mechanism (Figure 4.4). The remanufacturing of a small hopper cap cartridge is now complete.

STEP 5.1

Screws

FIGURE 5.1

Using a #2 Phillips screwdriver, remove the three screws from the drive side end plate (Figure 5.1) and remove the end plate.

Note: Do not remove the gears on the drive side of the cartridge.

STEP 5.2

Screws

Small Phillips Screwdriver
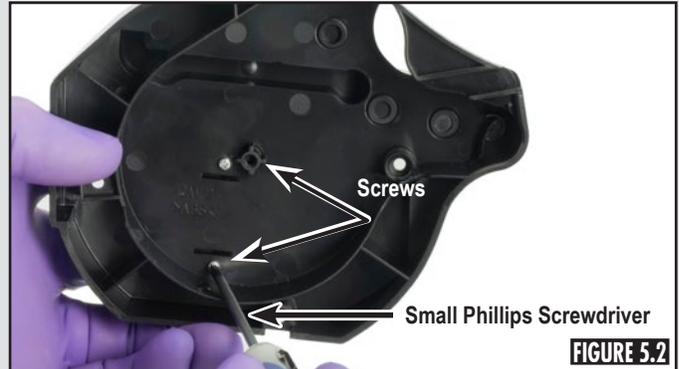
FIGURE 5.2

Using a small Phillips screwdriver, remove the two screws securing the chip housing to the end plate as shown in Figure 5.2. Remove the chip housing.

STEP 5.3

Spent Chip and Chip Housing

Small Phillips Screwdriver
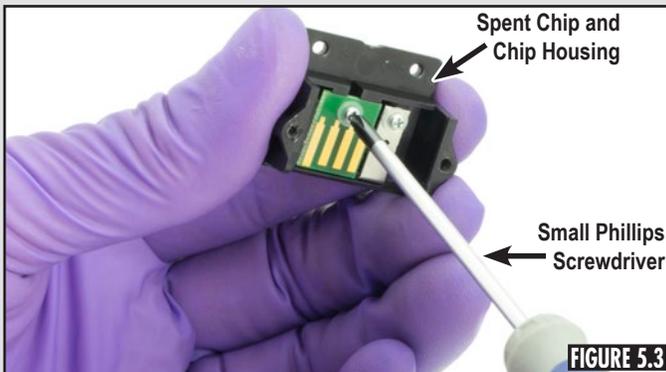
FIGURE 5.3

Remove the screw and plastic washer securing the chip to the chip housing (Figure 5.3). Remove the chip from the housing.

Note: Do not remove the grounding bar from the chip housing.

STEP 6.1
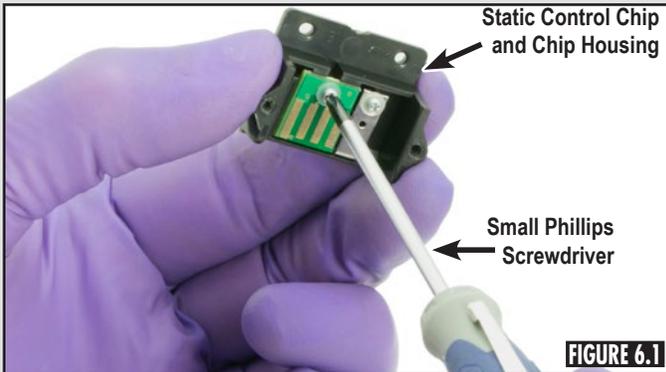
Static Control Chip and Chip Housing

Small Phillips Screwdriver

FIGURE 6.1

Place the new Static Control chip into the chip housing and secure with the screw and plastic washer (Figure 6.1).

STEP 6.2

Chip Housing

Drive Side End Plate

Alignment Posts
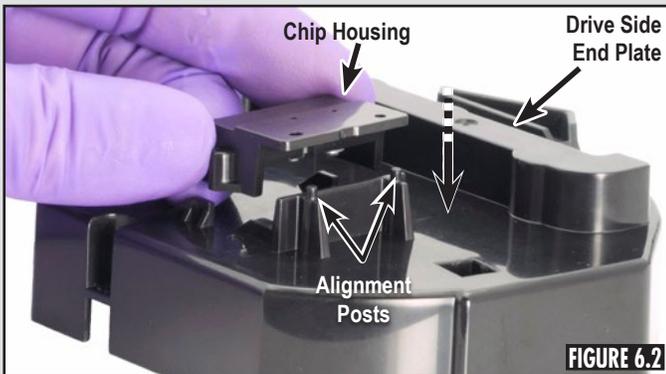
FIGURE 6.2

Place the chip housing with the Static Control chip onto the alignment posts on the drive side end plate (Figure 6.2). Secure the chip housing with 2 small screws.

Note: An improperly installed chip will cause a *"31.xx reinstall missing or unresponsive cartridge"* error to occur immediately after installation of the cartridge.

STEP 6.3

FIGURE 6.3

Ensure the drive gears are installed as shown in Figure 6.3.

STEP 6.4

Screws

#2 Phillips Screwdriver
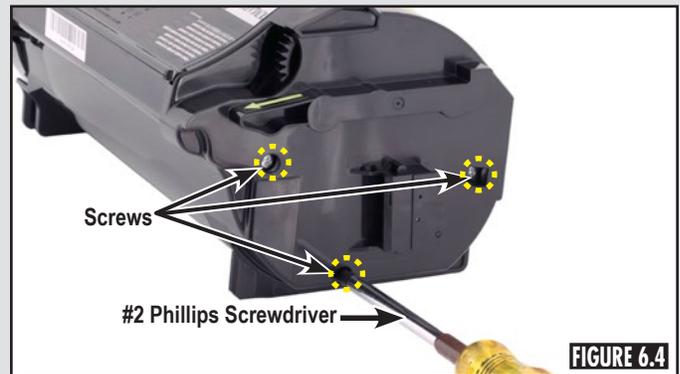
FIGURE 6.4

Install the drive side end plate and secure it with three screws (Figure 6.4). The remanufacturing of a large hopper cap cartridge is now complete.

DEDICATION TO TRAINING

In order to produce consistent high quality prints that are virtually indistinguishable from the OEM, it is essential to follow Static Control's remanufacturing instructions exactly as directed. Static Control is dedicated to informing customers of the latest innovations in training and knowledge. Access to these instructions, our technical support staff and View on Demand Webinars is available to all customers in good standing.

ELECTROPHOTOGRAPHICALLY MATCHED COMPONENTS

We provide these critical components that have been electrophotographically matched for use in remanufactured toner cartridges. It is vital that the critical components be replaced as a system to ensure consistent high quality performance. We provide additional components such as felts, foams and recovery blades, should you decide they are necessary. Using Static Control's system of components allows you to use less expensive non-virgin cartridges and create remanufactured cartridges that provide high quality prints virtually indistinguishable from the OEM.

INDUSTRY LEADER

Static Control is the global leader in aftermarket imaging and remanufacturing technology. Offices are located worldwide and all research, development, manufacturing and engineering takes place at their Sanford, North Carolina, USA world headquarters. Currently, Static Control manufactures in-house over 8,000 imaging products and supplies over 15,000 imaging products to the aftermarket industry.

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