



REMANUFACTURING INSTRUCTIONS

SSS™ 25761

V 1.5: 12-17

HP® LaserJet® Pro® M102/Pro® MFP M130 HP® CF217A



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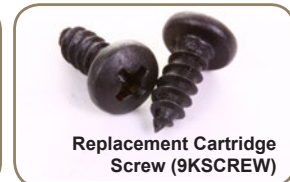
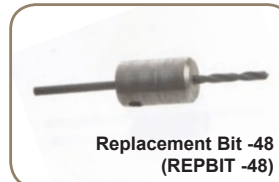
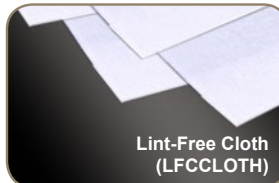


Static Control®

www.scc-inc.com



- Standard #2 Phillips Screwdriver
- Small #1 Phillips Screwdriver
- Small Slotted Screwdriver
- Angle-Blade Knife Tool (ABKTOOL)
- Lint-Free Cloth (LFCCLOTH)
- Cotton Swab (QTIP)
- Conductive Lubricant (CONCLUBE)
- Developer Roller Powder (DVRPOW)
- Replacement Bit - 48 (REPBIT -48)
- Replacement Cartridge Screw (9KSCREW)
- Hot Glue Gun (GLUEGUN)
- Hot Glue Stick (GLUESTICK)
- Toner Pour Spout (TPS-90)
- Feeler Gauge
- Rubber Gloves
- Safety Glasses





- 91-99% Isopropyl Alcohol
- Cartridge Cleaning Workstation
- Dry, Filtered, Ionized Compressed Air
- Low RPM Drill





STEP 1.1A

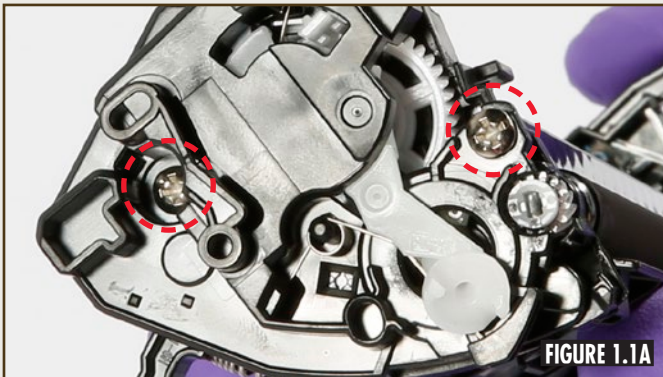


FIGURE 1.1A

Use a standard Phillips screwdriver to remove the two screws in the gear side plate (Figure 1.1A).

STEP 1.1B

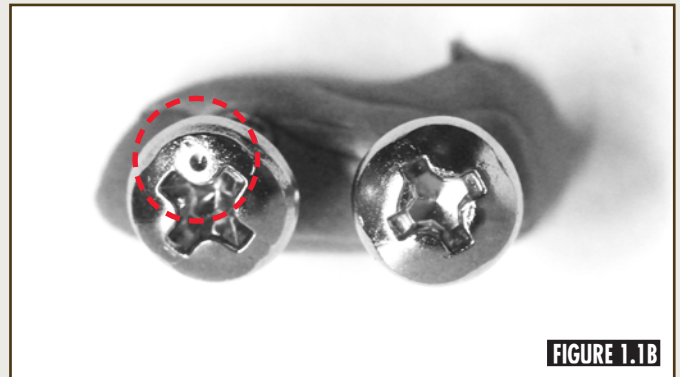



FIGURE 1.1B


 **Note:** Look closely at the screw heads for a dot (see Figure 1.1B), which indicates the screw has a left hand thread. No dot indicates a screw with the standard right hand thread.

STEP 1.2



FIGURE 1.2

Gently and firmly pry up on the gear side end plate using a small slotted screwdriver to break the plastic weld, as shown in Figure 1.2.

 **Note:** Because the break of each plastic weld is unique, it's recommended to keep the toner hopper and end plates together.

STEP 1.3

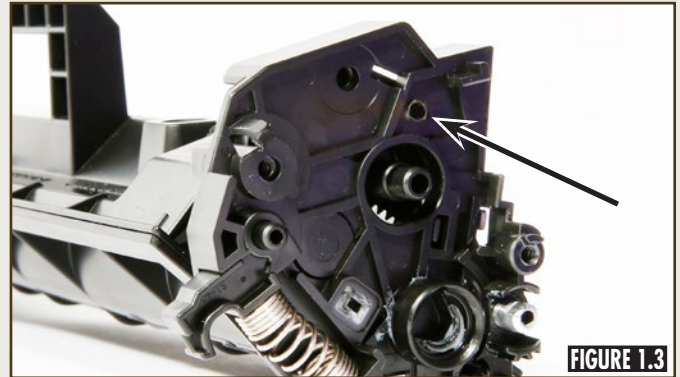


FIGURE 1.3

Remove the three (3) gears from the drive side of the outer hopper, set them aside and use the REPBIT-48 to drill a small hole in the inner end plate as shown in Figure 1.3.

STEP 1.4



FIGURE 1.4

Using a small slotted screwdriver in the area shown in Figure 1.4, gently pry up to break the plastic weld and remove the inner end plate.

STEP 1.5

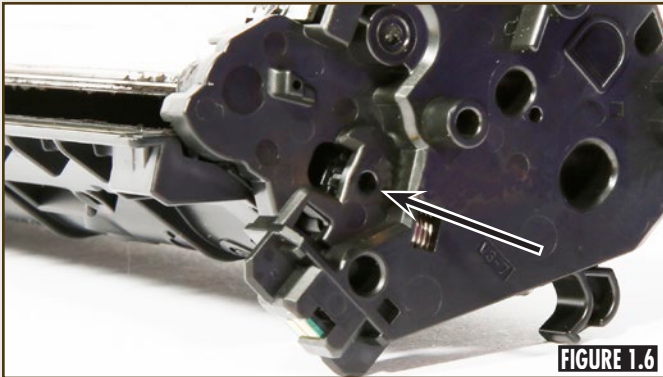


FIGURE 1.5

Grasping the mag roller by the drive journal, lift the mag roller up and out of the toner hopper (Figure 1.5).



STEP 1.6



Use the REPBIT-48 to drill a small hole in the contact side end plate as shown in Figure 1.6. Use a small slotted screwdriver to break the plastic weld and remove the end plate.


STEP 1.7

Use dry, filtered, ionized compressed air ONLY to clean the mag roller and set it aside on a dry lint-free cloth.

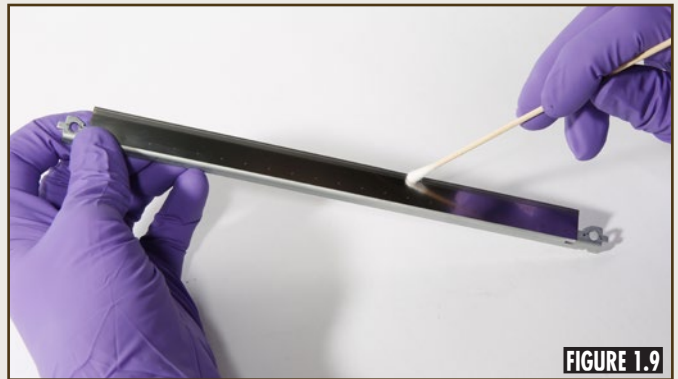
STEP 1.8



Remove the two screws from the doctor blade using a standard Phillips screwdriver and lift the doctor blade from the toner hopper (Figure 1.8).

 Note: The screw on the contact side is standard thread, whereas the screw on the gear side is left hand thread.

STEP 1.9



Blow the doctor blade with compressed air and gently clean the working edge of the blade using a cotton swab dampened with 91-99% Isopropyl alcohol, as shown in Figure 1.9.



STEP 2.1



FIGURE 2.1

Using the TPS-90 toner pour spout, fill the toner hopper with toner (Figure 2.1).

STEP 2.2



FIGURE 2.2

Place the doctor blade onto the toner hopper and install the two screws, but do not tighten them (Figure 2.2).



Note: Install the standard screw on the contact side and the left hand thread screw on the gear side.

STEP 2.3



FIGURE 2.3A

Using a feeler gauge as shown in Figures 2.3A and 2.3B, press down to set the height of the doctor blade and tighten the two screws.



FIGURE 2.3B



Note: When re-using the OEM mag roller, the doctor blade height should be set at 0.050"/1.27mm. When installing a new Static Control mag roller, the height should be set at 0.039"/0.9906mm.

STEP 2.4



FIGURE 2.4

Install the contact side end plate and secure it in place using a replacement cartridge screw and a small Phillips screwdriver (Figure 2.4).



STEP 2.5



FIGURE 2.5

Apply a light, even dusting of Developer Roller Powder to a sheet of paper as shown in Figure 2.5.



Note: A new Static Control mag roller requires lubrication, whereas the OEM 1-cycle mag roller does not require lubrication.

STEP 2.6



FIGURE 2.6

Holding the Static Control mag roller by the ends, slowly roll the mag roller back and forth through the powder until the mag roller is evenly coated (Figure 2.6).

STEP 2.7

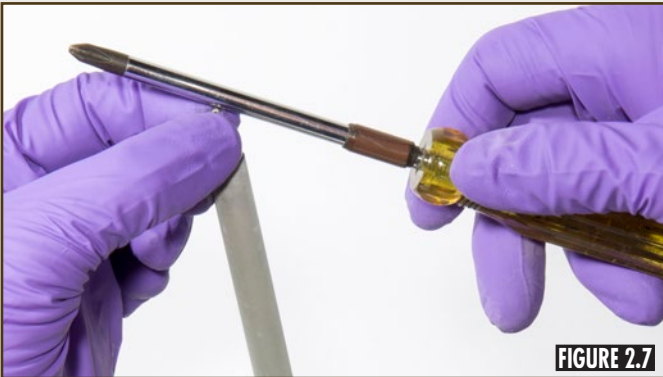


FIGURE 2.7

Holding the mag roller above the powder as shown in Figure 2.7, lightly tap the drive journal to dislodge any excess powder back onto the paper.



Note: Once the Static Control mag rollers have been lubricated, the unused developer roller powder on the paper should be returned to the original container.

STEP 2.8



FIGURE 2.8

Apply a small amount of conductive lubricant to the interior of the mag roller using the wooden end of a cotton swab (Figure 2.8).

STEP 2.9



FIGURE 2.9

Install the mag roller magnet into the mag roller, leaving the keyed end of the magnet slightly extended out the end of the roller (Figure 2.9).



STEP 2.10



FIGURE 2.10A



FIGURE 2.10B

Align the keyed end of the mag roller magnet into the mag roller contact on the contact side end plate (Figures 2.10A and 2.10B) and install the mag roller into the toner hopper.

STEP 2.11

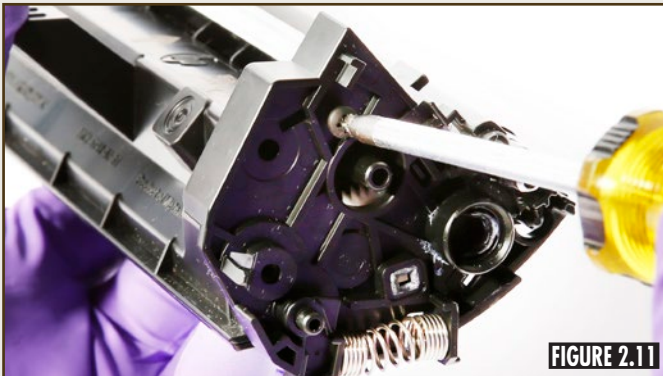


FIGURE 2.11

Install the inner drive side end plate and secure using a replacement cartridge screw and a small Phillips screwdriver (Figure 2.11).

STEP 2.12



FIGURE 2.12

Install the mag roller drive gear, the agitator drive gear and the main drive gear as shown in Figure 2.12.

STEP 2.13

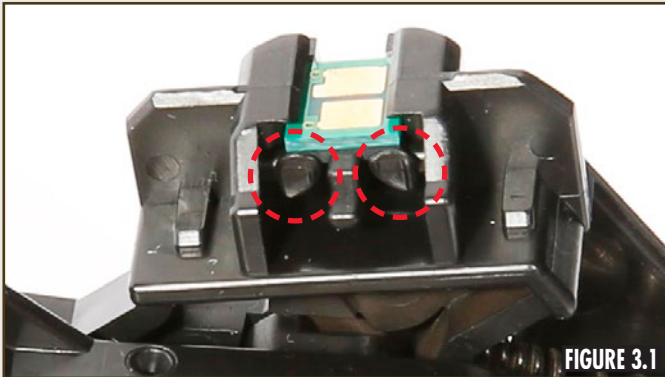


FIGURE 2.13

Install the gear side end plate and secure with two screws using a standard Phillips screwdriver (Figure 2.13).



STEP 3.1



Use an angle blade knife tool to remove the plastic securing the spent chip (Figure 3.1) and remove the chip.

STEP 3.2



Install a new Static Control chip and secure with a small amount of hot glue, as shown in Figure 3.2.

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 10,000 imaging products and supplies over 14,000 imaging products to the aftermarket industry.



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