SAMSUNG® CLP-300

TONER CARTRIDGE REMANUFACTURING INSTRUCTIONS

SAMSUNG® CLP-300 TONER CARTRIDGE

www.uninetimaging.com

REMANUFACTURING THE SAMSUNG CLP-300 TONER CARTRIDGE

By Javier Gonzalez and the Technical Staff at UniNet

1. Samsung CLP-300 cartridge with front end cap.

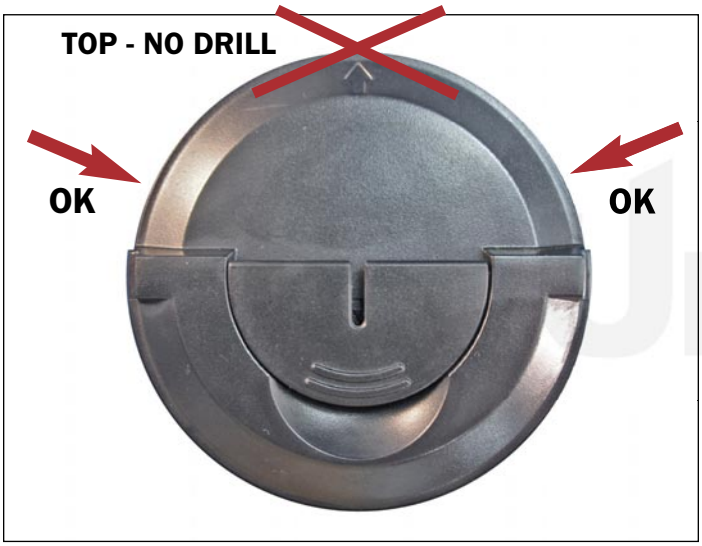
2. Side view of cartridge.

3. Gear side of cartridge with OEM chip.

CARTRIDGE LOADING POSITION

4. Cartridges when loaded into the printer are positioned sideways with the end cap and handles (pictured) facing out. The small plastic “arrow” (circled) points to the top side of the cartridge.

UniNet®
www.uninetimaging.com



5. In order to clean and fill the cartridge with new toner, we must first create a small hole by drilling through either side. The hole must then be sealed with a fill plug adhesive or sealing tape.

Position the cartridge with the “arrow” side pointing upward. We highly recommend drilling on the left or right side of the cartridge near the middle as indicated.

6. Do not drill or place any seal or adhesive on/near the top area of the cartridge. The space between the top surface of the cartridge and the housing wall just above it is very tight. Friction or rubbing while inserting the cartridge can cause the seal to loosen or break off and lead to toner leakage.

DRILLING THE CARTRIDGE

7. Drill a hole through the appropriate side of the cartridge using a 1/2” drill bit.

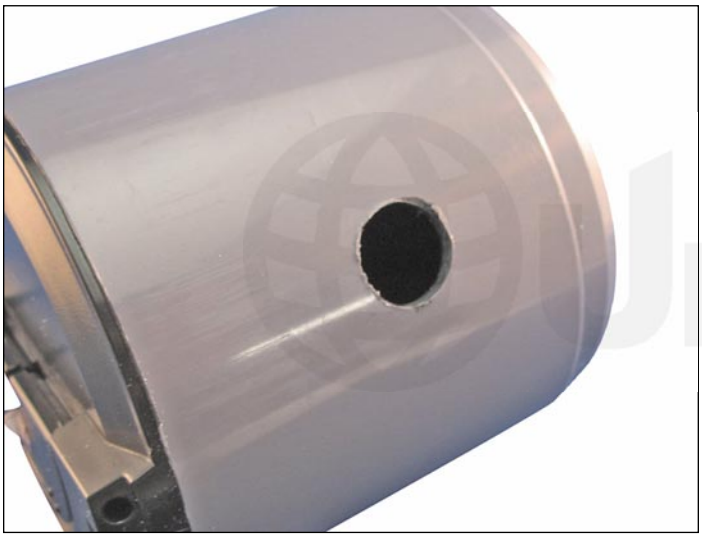
SOLDERING AS AN ALTERNATIVE

A soldering tool can also be used to create a fill hole. In most cases this procedure can help prevent excess plastic residue from entering the toner hopper. Take note that this will not eliminate the risk of residue.

There are small, inexpensive low-wattage soldering irons available that have screw-on tips. If you take a copper water pipe end cap and drill a small hole in the center, you can then screw it to the end of the soldering iron. The caps come in both 1/2” and 3/4” sizes.

If the iron is too hot for the plastic you might get a small lip around the edge, but that can easily be shaved off with a razor blade. You have to be careful not to get the shavings inside the hole, but that’s easy to prevent. You can also file the edge of the cap with a metal file to slightly taper the cutting edge. That gives a cleaner hole.

UniNet
www.uninetimaging.com



8. Clean the inside of the cartridge thoroughly using compressed air or a vacuum. With a half -inch hole, it would be much easier to just vacuum it out and is much less messy. We always recommend using compressed air, but in tight situations like this, it's best to vacuum. A vacuum will also be better at getting any plastic shavings that may have fallen inside.

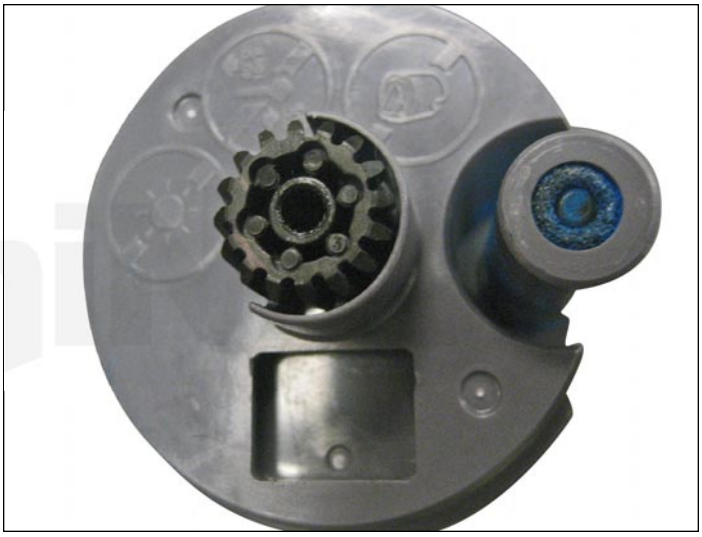
9. Insert a funnel through the hole. Be sure to shake the toner bottle well before opening. Pour the appropriate amount of toner via the funnel.

10. The next step is covering the hole using an adhesive hopper fill plug (shown) or sealing tape. Make sure you have a tight seal around the hole to prevent any toner from leaking out.

REPLACING THE CHIP

11. **UPDATE**: Do not attempt to remove the complete OEM chip as it is fused into the cartridge.

You will on the other hand, need to remove the OEM contact by using a small flat head screw driver and prying them off.



12. Peel off the strip to expose the adhesive on the reverse side of the new hardware replacement chip. Install the new chip in the small space shown. Remanufacturing complete.

NOTE: **Starter cartridges** do not have a chip, our UniNet new hardware chip will fit in the empty space.

UniNet®
www.uninetimaging.com