

Refill Instructions: Epson 860 and 1160 Printers with Spongeless Cartridges



Preparation:

- Spongeless Cartridges (SLC-S020108-E and SLC-S020089-E)
- Ink - 4 colors or B&W shades of ink, 15 cc of each.
- 10 cc syringe
- Lure lock needle 1 1/2 long
- MIS Bottom Fill Adapter (MIS-BADPT)

All of these materials can be purchased on the [MIS spongeless refill kit page](#).

Refill:

1. The SLC-S020108-E and SLC-S020089-E do not have chips so you would not use a chip resetter. If the cartridge is brand new and has not been filled before, this chip is new and should not have to be reset. Remove the "Pull Tab" if the cart has one.
2. Carefully remove the white looking rubber plug from the top of the cart (opposite of chip end). Try not to damage it because you will want to use it again. A pin or

Xacto knife can be used if you are careful. After the plugs are removed, if there is any clear plastic extending over the hole the plug came out of, remove it with your Xacto knife. Just the part extending over the hole, not any more of it.

3. Load your syringe with ink, of the proper color and attach a blunt needle, 1 1/2 long. Inject the ink into the open hole that you took the rubber plug out of. Remember to put the right color ink in the right chamber. Looking down at the cartridge, as installed in the printer, the colors are from left to right.... yellow, magenta, cyan. Inject ink until almost full, leave a little air space at the top. Keep the cart level so ink will not spill out. The black cart will take 15 cc of ink if empty, and the color carts will take 12. Less if some ink is still in it.
4. Re-install the rubber plug. Make sure it fits tight. An air leak here will let ink drain into your printer. If you think the plug is damaged, use a new one.
5. If the cart has not been used before, make sure the pull tab has been removed. This will open the vent holes on the top of the cart. Next, put a MIS Bottom Fill Adapter on the end of your syringe. Insert the tip of the bottom fill adapter into the bottom of the cart, where the ink comes out. Pull back on the syringe to get about 1 cc of ink. This is to prime the cart and make sure there are no air pockets at the exit point. Don't pull too much ink or you will run out pre-maturely. If the cart is new, we recommend piercing the clear material covering the exit port before inserting the Bottom Fill Adapter. Do not remove the clear material on the bottom of the cart, it keeps the black rubber seals in place.
6. Repeat this procedure for each color. Be careful not to color contaminate the cart while filling it. Don't let any pools or spilled ink get into the wrong chamber.

That is all there is to the refilling. Put the cart in the printer, and run one or two cleaning cycles to get a good nozzle pattern. Then you are ready to print.