Refill Instructions: Epson C84, C86, C88, R200, R300, R340, R800, R1800, and R2400
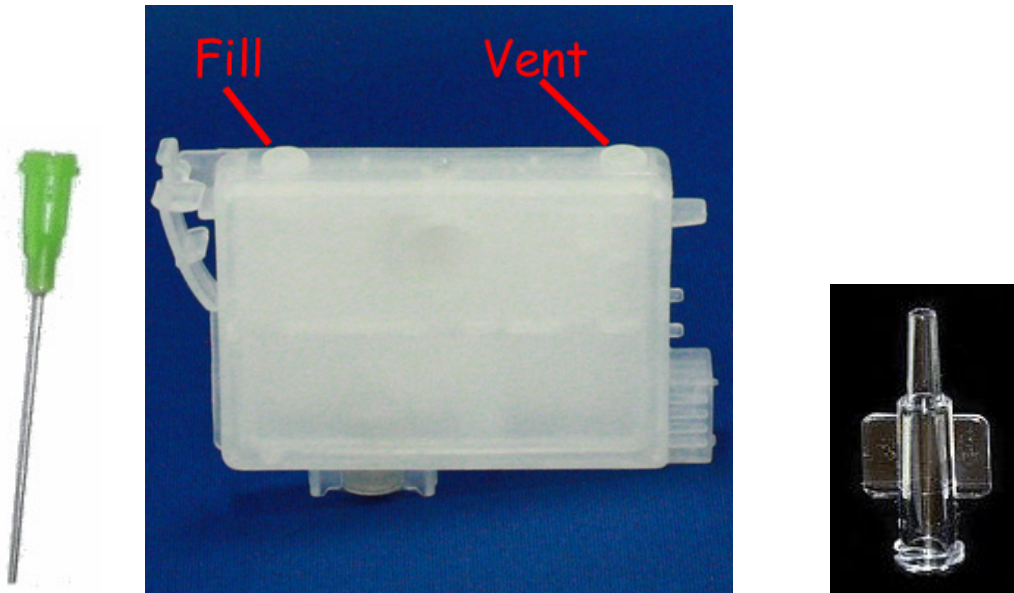

1 ½" Needle   MIS Spongeless Cartridge for Epson   Bottom Fill Adapter
C84, C86, C88, R200, R300, R340, R800, R1800, R2400

The MIS Spongeless Empty C84, C86, C88, R200, R220, R300, R340, R800, R1800, R2400 carts have just one small piece of sponge to restrict incoming air. Air must pass through this small piece of sponge to reach the ink chamber (see red line). Air from the vent hole on the top enters the ink chamber at the very bottom of the cart, so that no ink pressure is seen by the print head. This spongeless design is less prone to developing ink foam. Performance from this cartridge is equivalent to our earlier half-sponge cart. Both can be easily refilled, but the original Epson can not. Original Epson carts have a diaphragm design and can not be refilled using this method.

Refill:

1. Connect a *1 1/2 "*long needle to the syringe. The syringe uses a twist lock connection. Load the syringe with *12 cc* of ink. Make sure it is the right color or shade for the cartridge you are working on.

2. There is a hole in the top of the cartridge to gain access to the reservoir. Carefully remove the fill plug and add ink, using the syringe, until the reservoir is almost full. It should take *12* to *13 cc* of ink.

3. Next, remove the needle from the end of syringe and attach the bottom fill adapter (MISBADPT).

4. When you draw ink out, make sure the fill plug in the reservoir is not installed yet. Do not cover the fill hole.

5. Insert the Bottom Fill Adapter into the Exit Port seal, and draw out *1 cc* of ink. This will pull ink from the reservoir instead of the sponge area. The cartridge is now primed. Be careful not to spill any ink out of the open fill hole.

6. Install the fill plug in the top of the cartridge. It must seal absolutely **AIR TIGHT**. If plug is damaged, get a new one. Remove the Vent Plug. The vent hole on top of the sponge section must be open or the cartridge will not work.

7. Install a chip on the cart and give it a try. If the chip is not new, reset with our SK168 Resetter. We have replacement chips available if you need them. Chips are color position sensitive so don't mix them up.

CAUTION: If you put a cart without a chip on it in printer, it will destroy the contacts that read the chip when you remove it. **SO DON'T DO THIS**. Always check the carts for presence of chip before installing. Make sure the chip is not loose and can not fall off.