Reset Instructions: Swedish Chip Reset
Epson 680, 777, 870, 875, 890, 895, 1270, 1280, 1290, 2000P

An avid Epson user in Sweden has discovered how to reset the Intelligent Chip on the Epson printers. The procedure appeared on this website…http://medlem.tripodnet.nu/chipreset . What this means to all of us who own an Epson 680, 777, 870, 875, 890, 1270, 1280, 1290 or 2000P printer is that we can now refill and reuse our empty cartridges. Epson probably does not like this, and may make a design change in the future to prevent or block this procedure. Following this procedure and refilling your cartridge is not illegal, nor will it void your warranty. But, you must understand, it is not an approved Epson procedure and they will not smile on you if you tell them you have been doing this.

Procedure:
1. When the black or color ink out light flashes, the indicated cartridge is low on ink. Make sure you have your "Designated Full" cartridge on hand. Either follow the on-screen help or press the orange button, visible when you lift the printer cover. When pressed, the print head will move to the cartridge removal position and the power light will flash. You must have a **set of new Epson cartridges** to use for resetting the chip. These are what we refer to as the "Designated Full" cartridges. You do not print with these, they are only for resetting the chip. Mark DF on these cartridges. They are not included as part of our refill kit.

2. Flip up the clamp and remove the cartridge. Then after removing the pull tab on your "Designated Full" cartridge, put it in the printer and close the clamp. If you have a CFS installed you will have to put some felt tabs on the sides of the cartridge to keep it from popping up. It must stay down tight. If it pops up even 1/32 of an inch, then the chips may be damaged. If you have our modified cartridge clamps for your CFS you will need a folded piece of paper or something thick to get the color cartridge down tight. The black cartridge will be ok using the MIS modified clamps. If you are sure the cartridges are secure and down all the way, push the Orange Button and the print head will move to the right and perform a cleaning cycle. Now the ink monitor will show that the cartridge is full, which it is. (**Note**: If you have used your "Designated Full" cartridge a number of times, it may not show as totally full.)

3. Don't start printing yet, you need to preserve the ink in your "Designated Full" cartridge. You will use this same cartridge every time you perform this Reset Procedure. Eventually, after about 40 times, you will have to get a new cartridge to run this procedure. Keep your "Designated Full" in a safe place and don't print with it.

4. Take your empty cartridge to your bench and refill it following our **Chipped Cartridge Refill Instructions**. Let it rest or age for an hour or more (overnight is better) in a perfectly level position. Use a match book or something about 3/16 inch thick to prop up the back end.

5. After your refilled cartridge is aged, return to your printer. At this point the printer power should be on and the cartridges should be parked in their right hand position. With the power on, find the small white lever under the black cartridge holder, see photos. Using a small screw drive or pencil, move the lever towards the front of the printer until it is below the surface. Now slide the cartridge (with your hand) to the left hand cartridge removal position.

6. Remove your "Designated Full" cartridge and install the refilled or CFS cartridge. Make sure the clamps are down tight. This next step is very important. Slide the cartridges all the way to the right so they are in their original parked position. If you don't do this, your printer may become damaged when it starts to print. Don't worry about the lever, it can stay down. Don't turn off the power at this point. Make a color print of some type. When the first print is made, the data from the new chips is transferred to the old chips. **Don't skip this step**.

7. That's it, your printer is now ready to use. The ink monitoring system will report that the cartridge is full or at the same level your "Designated Full" cartridge has.

If necessary run a nozzle check. If nozzles are missing run a cleaning cycle to correct. Remember, don't run more than 3 consecutive cleaning cycles. Then print a multi-color print and run 3 more if needed.

All of this information, less the photos, comes from the original chip reset website. We want to thank them and acknowledge the contribution they have made. For more tips and discussion about the "Chipped Epson Printers" visit this site at http://medlem.spray.se/chipreset