



USING CLEANING CARTRIDGES ON THE EPSON STYLUS PRO 7700, 7890, 7900, 9700, 9890, & 9900

The following instructions explain how to use cleaning cartridges on an Epson Stylus Pro 7700, 7890, 7900, 9700, 9890, and 9900. Cleaning cartridges provide an ideal method of flushing out a printer when changing ink types or preparing the machine for storage during periods of non-use. They are also a handy service aid for unblocking partially clogged print heads. However, they will not unblock a completely clogged print head as there is no way for the cleaning fluid to travel through the ink system to get to the dried ink in the print head. Because of this, cleaning cartridge should only be used when some jets on each print head are working – the working jets will allow the cleaning fluid to travel through the ink system and dissolve the dried inks in the clogged jets.

Cleaning cartridges for the Epson Pro 7700, 7890, 7900, 9700, 9890, and 9900 are filled with Ink2image Dead Head cleaning and are installed in a printer just like regular cartridges. To prime the printer with cleaning fluid, the printer firmware has a handy built-in 'initial fill' routine that will fill the machine's ink system with cleaning fluid or ink. This initial fill routine fills all channels on the printer with fluid and, unfortunately, there is no way to set colors to be filled individually. Because of this, we recommend installing cleaning cartridges in all channels even if you only want to clean one or two colors. You can install cleaning cartridges individually on a machine, but you will need ink cartridges in the other channels for the printer to operate an initial fill, and the routine will draw ink from these other channels. Because cleaning cartridges are less expensive than ink cartridges, it is normally more economical to install cleaning cartridges in every channel rather than waste ink.

The process of cleaning or flushing a printer is as follows:-

1. Install the cleaning cartridges and run an 'initial fill' routine (see instructions below).
2. Ideally, leave the printer to 'soak' overnight to allow the cleaning fluid to dissolve any dried ink deposits.
3. If you have flushed the printer for long term storage purposes, then it is now OK to place the machine in storage. The next time you want to use the machine, turn it on and install ink cartridges as in 5 below.
4. Install ink cartridges and run another initial fill routine. After the routine has finished, perform nozzle check prints and cleanings as necessary until you get a good nozzle check.

Cleaning cartridges can be kept and re-used if cleaning/flushing is required again. A set of 350 ml size cleaning cartridges are good for five cleanings.

RUNNING AN INITIAL FILL ROUTINE

The printer has a handy initial fill routine built into the firmware that fills the machine's ink system with inks or cleaning fluid. The routine is very simple to set and use. You should always bear in mind that the maintenance tank will need at least 25% capacity remaining in order to run the routine. If the maintenance tank is nearly full then the printer will not allow you to run the initial fill, and an empty tank will need to be installed before the routine can be performed.

Install the cartridges in the machine that you want to use and then turn the printer off. You will now power up the machine in service mode.

1. Press and hold down the “Down” arrow, “Right” arrow, and “OK” buttons and then press the power on button.
2. After the printer powers up, release the “Down”, “Right” and “Enter” buttons. Display will look like normal.
3. Press the “right” arrow button to enter the service mode menu.
4. Using the “Down” button to navigate to the “Cleaning” menu, and press the “Right” button.
5. Using the “Down” button, navigate to the “Init. Fill” menu, and press the “Right” button.
6. Press the “OK” button to start the initial fill routine.

The initial fill routine takes about 10 minutes. When the routine has finished, the display will read ‘ready’. To return the machine to normal operating mode, power off and then wait 10 seconds before powering back on, The printer will now start up in normal mode.