

Cleaning & Maintenance

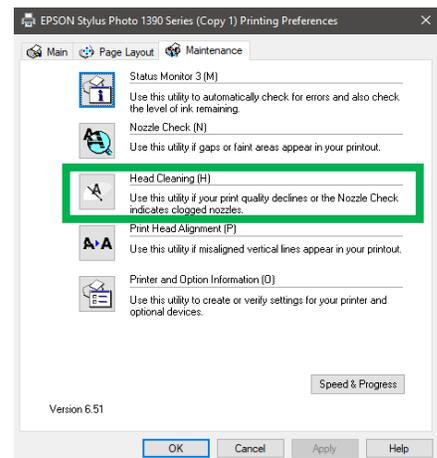
Following these simple steps will ensure that your printer lasts longer and help you achieve optimal performance with little to any down time from your DTF100/1000 printer.

Daily to Do

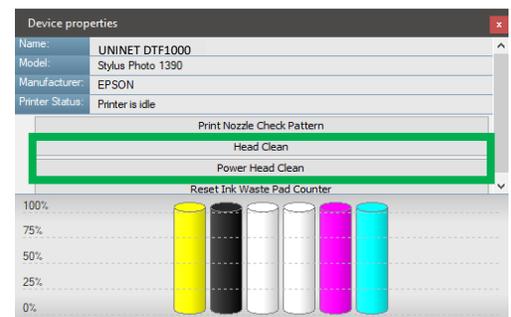
Every day a head cleaning should be performed regardless if you will be printing that day or not. This ensures that there are no clogged lines, the dampers are full and that the head is properly outputting ink. There are a few different ways a head cleaning can be initiated.

Method 1: Press and hold the white button on the front of the printer for 5-7 seconds until the printhead carriage begins to move, then you can release the button.

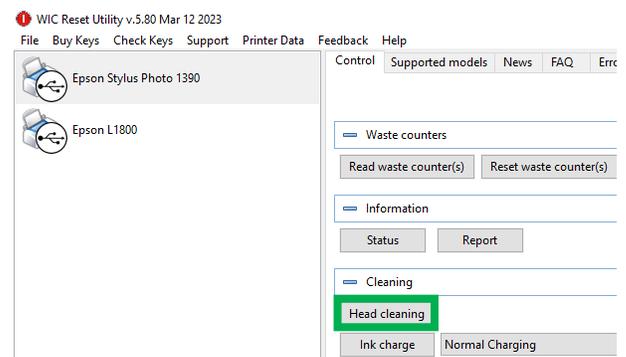
Method 2: Go to your PC settings and search “Printers and Scanners”, select your printer and press “Manage”. From there select “Printing Preferences”, navigate to the Maintenance tab and select “Head Cleaning.”



Method 3: Open the ProRip software and select the “Printer Status & Settings” icon in the toolbar. The Device Properties window will open with options to perform a head cleaning or a powerful head cleaning; running the normal head cleaning is perfectly fine for the daily maintenance.



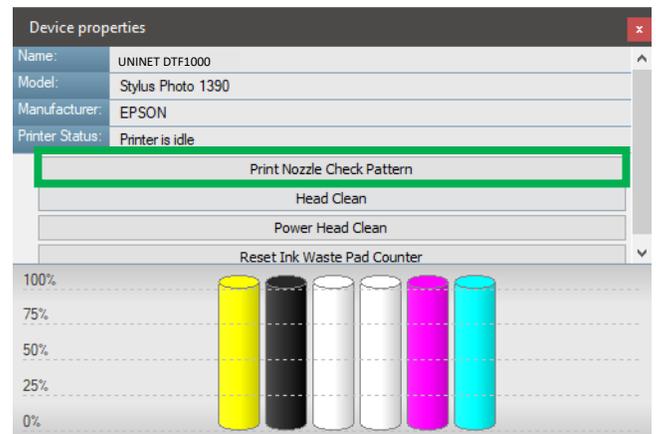
Method 4: Launch the WIC Reset Utility program, select your printer then expand the cleaning tab to reveal the head cleaning button.



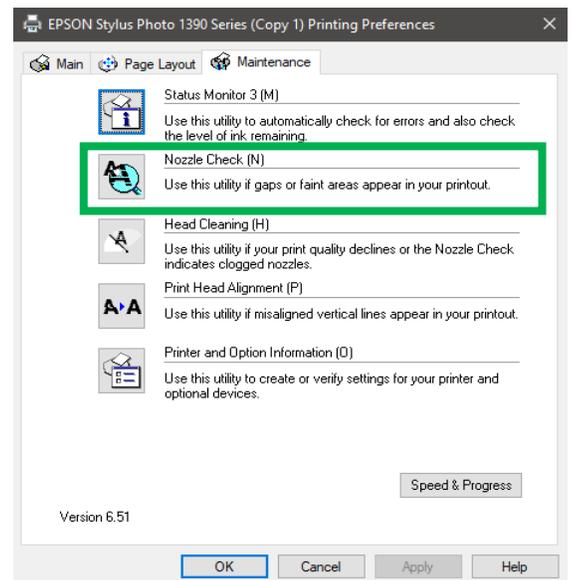
Once a head cleaning has been completed, a nozzle check needs to be printed to confirm that all channels are clear, and no clogs are forming. If the nozzle check shows that there are two or more breaks/missing lines in any of the channels, additional head cleanings need to be performed followed by another nozzle check; repeat steps if there are still more than two breaks/missing lines in any channel.



Method 1: Open the ProRip software and select the “Printer Status & Settings” icon in the toolbar. The Device Properties window will open with the top option being to print the nozzle check.



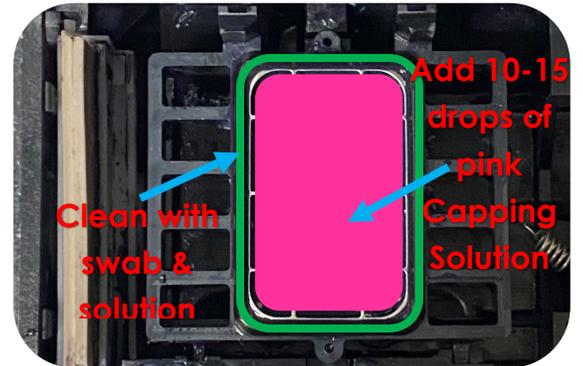
Method 2: Go to your PC settings and search “Printers and Scanners”, select your printer and press “Manage”. From there select “Printing Preferences”, navigate to the Maintenance tab and select “Nozzle Check”.



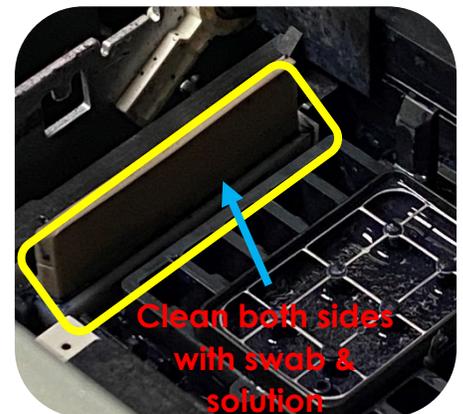
Keep in mind: It is important that the printer stay powered on via the main blue switch at all times. This is to ensure that the White Ink Circulation System is able to activate every 30 minutes for 30 seconds as it is set to prevent against clogging or ink separation. White ink contains titanium dioxide, a microscopic particle that is suspended in the ink that gives it its color, which can cause clogs if not circulated or agitated frequently.

In addition to the daily head cleaning and nozzle check, there are a few parts on the printer that are crucial to keep clean and up to date in order to prevent unnecessary downtime, print issues or possible damage. These parts are the: Capping Station, Wiper Blade, Waste Bottle and Ink Tanks.

Capping Station: The capping station is located on the right-hand side of the printer, where the carriage normally sits when the printer is idle. There is a rubber seal on the capping station (highlighted green in example) that needs to be cleaned to avoid ink from solidifying and building up. Using a clean foam swab dipped in either the blue Cleaning Solution or the green X-Treme Cleaning Solution, gently clean the rubber seal that is on the perimeter of the capping station of any ink, dust or debris. Lastly, using a clean syringe, add 10-15 drops of the pink Capping Solution to the sponge in the middle of the capping station (highlighted pink in example); this will keep the sponge clean and moist for future head cleanings.



Wiper Blade: Located about a half inch to the left of the capping station, there is a wiper blade that vertically retracts downward. Using a flat head screwdriver or similar tool, you are going to pop the blade upward so that it is readily available to clean. Take a clean foam swab dipped in a small amount of either blue Cleaning Solution or green X-Treme Cleaning Solution and wipe the rubber blade on both sides. If you see ink build-up has formed, use a new foam swab with a small amount of the yellow De-Plasticizing Solution to wipe both sides of the wiper blade.



Waste Bottle: Check to see if the bottle is ~75% full. If so, empty the bottle and rinse thoroughly with water. Once clean, simply screw the cap back on, place it in its designated space and insert the waste tube into one of the two holes found on the cap.

Ink Tanks: Ink levels should always be above 50%, depending on your volume of printing some or all inks may need to be filled more often. Each color has their own designated tank that is labeled on the cap; mixing inks or putting the incorrect color in the wrong tank will result in contamination.