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Visit our video library at epson.com/support/f2000
UltraChrome® DG White ink pigment particles will settle (out of the solution) to the bottom of the ink cartridges and along the walls of the ink delivery tubes. It’s normal for nozzle loss to occur after an idle period of time. The recommended daily maintenance maintains a healthy printhead by re-suspending the ink particles and recovering missing nozzles.

**PROCESS**

**Shake White Ink Cartridges**
Every 24 hours, the printer’s LCD panel will prompt you to shake the White ink cartridges. Remove and shake both White ink cartridges vigorously for a total of 15 seconds. Shake for 8, flip over and shake to 15 total. Every 20 hours, ink that is in the printer’s tubing will be circulated. This circulation process starts automatically with printer activity, takes approximately 10 minutes, and consumes no ink.

**Print a Nozzle Check and Repeat Selective Cleanings, as Required**
Set a medium or large platen to height “P”, remove the hoop and print a nozzle check on the clean surface. Review the nozzle pattern for missing or deflected segments and run selective light cleanings, as required.

**Perform Selective Light Cleanings on WH1/WH2 and WH3/WH4**
Epson America, Inc. recommends setting the White Auto Nozzle check to Off. This setting is located on the printer’s control panel under Printer Setup/Power On Cleaning/White Ink. Upon powering on the printer, press OK at the prompt to acknowledge this setting is off. This puts you in charge of your printhead health. Start each morning with a selective light cleaning on the white ink channels. If the printer’s 6-hour timer cleaning status displays little remaining time, use medium cleaning cycles on both White channels or preventative cleaning to reset the timer cleaning. Also see Suction Cap Cleaning in weekly maintenance.

**Perform Daily Tube Washing**
At the end of each workday or when prompted by the control panel, perform the Daily Tube Wash procedure. This is a lower cost option to the Monthly Tube Wash process.

**REQUIRED ITEMS**
A dry wipe to clean the platen and remove the printed nozzle pattern
Item # C13T736300: Tube Cleaning Kit for Daily Tube Wash

Ink used for proper printer maintenance  Labor  Items needed
WEEKLY

WHY

In order to maintain a healthy printhead, the suction cap must be able to effectively seal against the surface of the printhead to provide a positive suction force. Over time, ink will dry and build up on its surfaces and must be periodically removed. The warning signs of an unclean cap are ineffective cleaning cycles (no change in nozzle health) and lack of a visible maintenance flow of ink (through the right-side maintenance tube) during medium cleaning cycles.

PROCESS

Suction Cap Cleaning

Review the video on epson.com/support/f2000 for detailed instructions on proper cap maintenance. Be prepared with the required items below to perform the Suction Cap Cleaning in a timely fashion, since the printhead is exposed during this process. Use only the recommended materials and tools. The suction cap (unlike the user-replaceable anti-drying cap) is a permanent part of the printer and sharp objects or harsh cleaning fluids could damage it.

Nozzle Check and Cleanings

If the printer is idle, it’s recommended to perform a Nozzle Check at least once per week. Clean the printhead until a good nozzle check pattern is obtained (see daily procedure).

REQUIRED ITEMS

Item # C13T736200: Printer Maintenance Kit; includes plastic gloves, cleaning liquid, plastic cup, small-tip swabs and medium-tip swabs

Included with the printer: Plastic tweezers

Commercially available: Gum go-between cleaners, tight 8-count from Sunstar Americas, Inc.

Ink used for proper printer maintenance

Labor

Items needed
MONTHLY

WHY

Every 30 days, the printer’s control panel will prompt for the White Ink Tube Wash maintenance. Regardless of print volume, the following fluids are consumed on a monthly basis in order to maintain the reliability of the White ink channels.

<table>
<thead>
<tr>
<th>Fluid Type</th>
<th>Approximate Amount Used</th>
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<tbody>
<tr>
<td>White Ink</td>
<td>~300 mL</td>
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<tr>
<td>Cleaning Fluid</td>
<td>~360 mL</td>
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</tbody>
</table>

“Approximate Amount Used” is an estimate of the fluid necessary to perform the White Ink Tube Wash. Actual fluid consumption will vary and the specification is subject to change. Please see your dealer or visit epson.com/support/f2000 for the latest information.

PROCESS

Monthly White Ink Tube Wash

Due to a firmware update in September 2016, it is now possible to opt for a lower-cost daily tube wash maintenance, which does not use the above consumables. See daily maintenance.

Before starting the monthly tube wash, clean the suction cap (see weekly maintenance) to ensure the process runs at maximum effectiveness. At 14 minutes into the 40-minute tube wash process, the printer will prompt to reinstall the White ink cartridges. As an alternative to the White Ink Tube Wash, use the Replace White Ink selection from the Maintenance Menu. This leaves the printer in an operational CMYK printing state for light garments. Use Replace White Ink again to reverse cleaning to White ink when printing with White ink is required. New Cleaning and White ink cartridges may be required to initiate or complete the process. The original ink cartridges can be reinserted following the tube wash or ink change and used normally.

Check for New Firmware and Software

Visit epson.com/support/f2000 monthly. If available, download and upgrade the printer’s firmware and Garment Creator software. It is always best to be using the latest versions of both software and firmware as a matched set.

REQUIRED ITEMS

Item # T736000: 700 mL Cleaning Cartridges (two required)
Item # T725A00: 600 mL White Ink Cartridges (two required)
LFP Remote Panel 2 utility application to update the printer firmware
AS NEEDED

WHY

As-needed maintenance procedures are based on actual usage (garment print volume) and can be required in less than a week for extreme 3-shift production, or every few months if usage is intermittent.

PROCESS

Replace Printhead Maintenance Kit
When prompted, replace all three components at the same time. When the end of the wiper component is reached, the printer will stop until replaced. It is highly recommended to have a spare kit on-hand at all times to prevent downtime.

Clean Around the Printhead
Fabric fibers and ink can build up on the edges of the printhead. If left unattended over a long period of time, it can impact the effectiveness of the anti-drying cap (more nozzle loss) and lead to ink droplets and smudges on garments. Use only the cleaning materials supplied with the Printer Maintenance Kit and avoid any contact with the actual surface of the printhead.

Clean Carriage Scale
The DTG printing process generates ink mist that will coat the surface of the carriage scale and ink mist air filter. Wipe the carriage scale and replace the air filter when a Replace Air Filter message is displayed on the control panel or D197 errors begin to occur on a frequent basis. Only clean the carriage scale with the printer’s cleaning liquid and the lint-free wipe included in the Air Filter Kit.

Empty or Replace the Maintenance Ink Tank
The printer’s LCD panel will prompt you when to replace the tank and it’s a good idea to do a visual check periodically. Dispose of the maintenance ink according to your local laws and regulations.

REQUIRED ITEMS

Item # C13S092001: Printhead Maintenance Kit, also called the Head Cleaning Set; includes: wiper unit, anti-drying cap and flushing pad
Item # C13T736200: Printer Maintenance Kit; includes: plastic gloves, cleaning liquid, plastic cup, small-tip swabs and medium-tip swabs
Item # C13S092021: Replacement Air Filter; includes air filter and lint-free wipe
Item # T724000: Replacement Maintenance Ink Bottle

Epson® SureColor® F2000 Maintenance

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CPD-52641 10/16
LONG-TERM STORAGE

WHY

If the SureColor F2000 is expected to be idle for a month or more without any print or maintenance activity, it is recommended that the printer be placed in Storage Mode. This mode replaces all ink in the printer with cleaning fluid and allows the printer to be stored in a state offering improved protection to the printhead until future use is planned.

PROCESS

Long-term Storage

Before starting the Storage Mode process, clean the cap and ensure the maintenance ink tank has ample space available. From the printer’s Maintenance Menu, select Storage Mode and follow the prompts.

REQUIRED ITEMS

Item # T736000: 700 mL Cleaning Cartridges, (six required)
Set of Ink Cartridges: Required when exiting Storage Mode