

Daily T-Jet2™ **Maintenance Procedures**

January 2007 Ver1.1

As a T-Jet2 owner there is daily maintenance that will need to be performed to ensure proper operation of your printer. By not following the required daily maintenance described below you will void your T-Jet2 warranty as well as damage the machine.

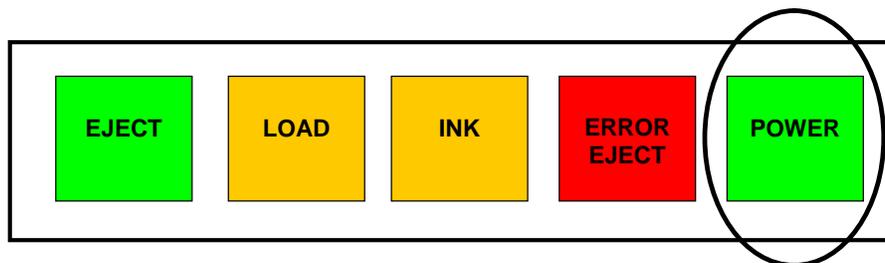
If you have any questions regarding any of the following steps please contact U.S. Screen Print & Inkjet Technology Technical Support:

Toll Free +1 888-MYTJETS (698-5387)
Technical Support +1 480-929-2937
Email: support@usscreen.com.
Support hours: 7:00am to 8:00pm Monday through Friday
9:00am to 3:00pm Saturday
(Mountain Standard Time) USA

Note: Arizona does not observe "Daylight Savings" in the US.
In the summer months, Arizona is on the same time as California.

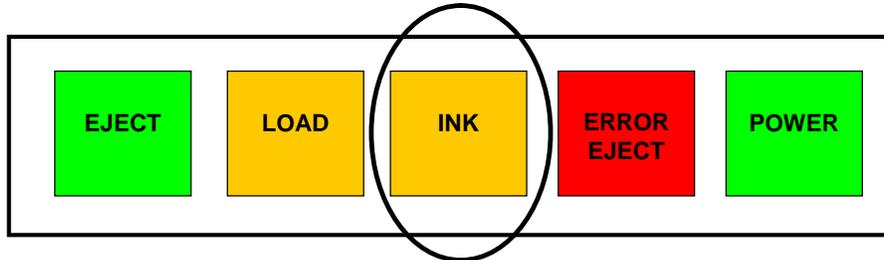
Turn the machine off at night

Turn OFF the machine at night using the power button only. This will ensure that the print head is properly seated on the capping station.



Perform head cleanings every morning

After turning on the machine at the start of the day, perform 4 to 5 head cleanings. Press and hold the Ink button for three seconds to start the head cleaning process.



The more preferred method is to use the Epson Cleaning Utility in the Epson driver.

Running the Head Cleaning Utilities

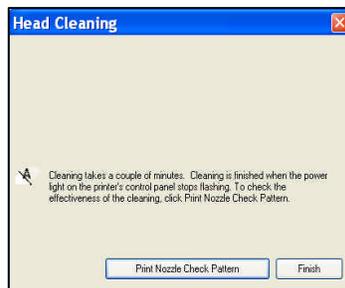
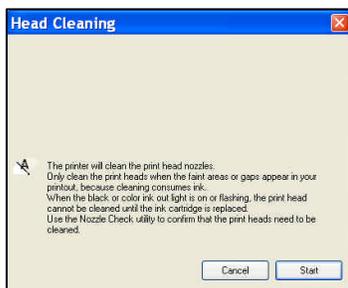
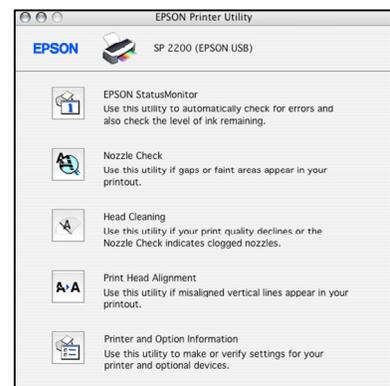
1. Make sure your printer is ON but not printing and all of the red ink lights are off.
2. **Windows:** Right-click the printer icon on the bottom right hand corner of your screen (*Task Bar*) and select *Head Cleaning*. If there is no printer icon, go through the normal steps to print from an application and when at the Epson Menu, select the *Maintenance* tab.



MacintoshOS 8.6to 9.x: Choose *File> Page Setup* or *Print*. Click the utility button, then click the **Head Cleaning** button.

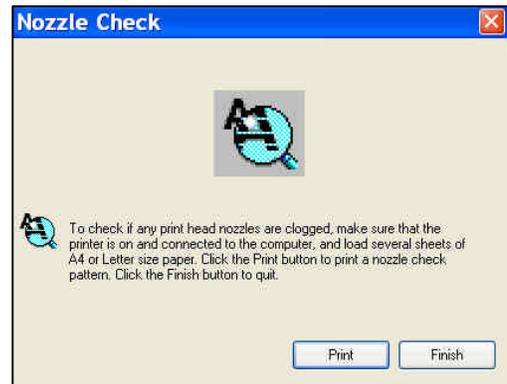
MacintoshOS X: Open the *Applications/Utilities*. Select *Printer Setup Utility* or *Print Center*. Click and *Highlight SP 2200* or *Stylus Photo 2200*. Click on *Utility* button. Select *Head Cleaning*.

3. Follow the on-screen instructions. Cleaning will take about 45 seconds during which time the printer makes noise and the green *Power* light and the red *Ink* lights will flash.

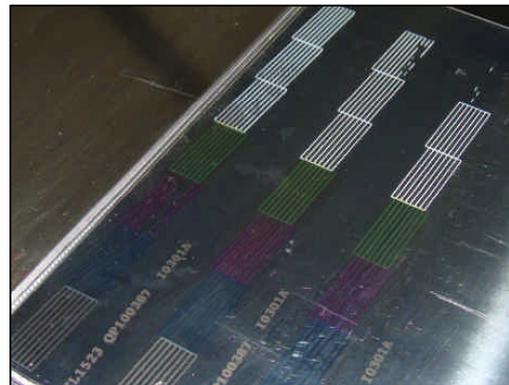


You should never turn off the printer while the power light is flashing, this may damage the printer. You can do head cleanings at any time even when the printer is printing. It will stop and clean the heads and resume right where it left off. Since the Head Cleaning cycle also wipes the bottom of the head, it is recommend to do head cleanings if you start to see drops of ink on garments or if the head comes in contact with a garment.

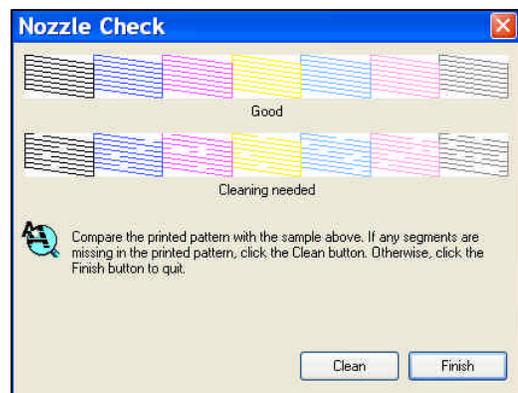
4. When both the power light and the ink lights stop flashing you should perform a Nozzle Check. You will need a few sheets of letter size paper OR clear inkjet film for this purpose. It is hard to see the white ink on white paper when doing a nozzle check so the film is a better choice.
5. Lay the paper or film on the top of the Garment Holder butting up against the zero point of the bed.
6. Click Print Nozzle Check Pattern in the Head Cleaning dialog box and follow the on-screen prompts.



5. After the *Nozzle Check Pattern* has printed out check to see if the lines have any gaps or lines in them. If the *Nozzle Check Pattern* has no gaps or lines click *Finish*.



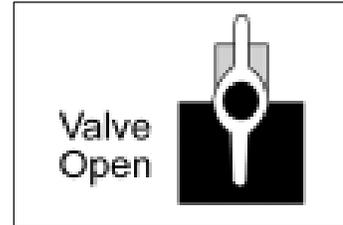
If the *Nozzle Check Pattern* does have gaps and lines click the *Clean* button to clean the heads again.



Note: For serious clogs you can run this routine several times or install the refillable cleaning cartridges and run several head cleanings.



Make absolutely sure that the **waste bottle valve** is in the **open** position while performing head cleanings. Closing the valve at any time while the T-Jet is powered on could result in serious damage.



IMPORTANT NOTE:

DO NOT RUN A NOZZLE CHECK WITH CLEANING CARTRIDGES.

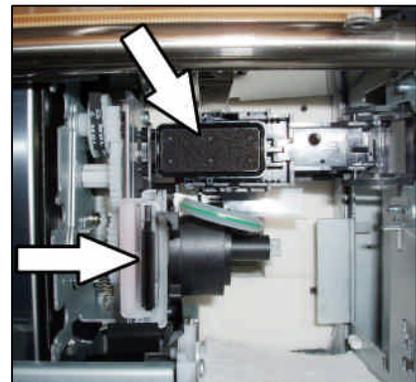
Cleaning solution will leak out into T-Jet causing serious damage.

To purchase *Refillable Cleaning Cartridges* contact:

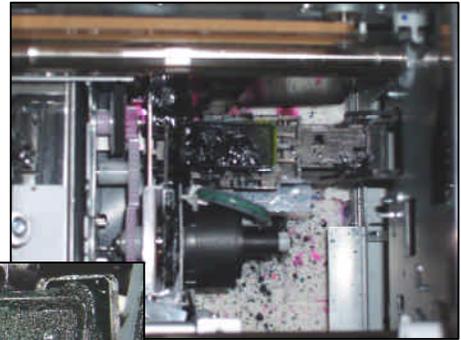
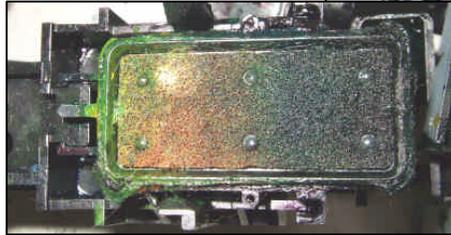
U.S. Screen Print & Inkjet Technology Sales:
8:30a.m. — 5:00 p.m. (MST) Monday — Friday
Main Line and Sales (480) 929-0640
Toll Free Order Line 1 (800) 624-6532
sales@usscreen.com

Clean Capping Station and Wiper

The capping station is the rectangular piece that the inkjet printer head seats onto. There is a sponge in the capping station and a wiper (small squeegee) next to it. Make sure both are free of dried ink and garment fibers. Use a foam swab and distilled water, glass cleaner or isopropyl alcohol to keep this clean.



The pictures on the right show two very dirty capping stations. The capping station seals the print head when it is not in use. Ink residue around the edge of the capping station keeps the head from seating and sealing properly which can cause head clogs. White ink will buildup a little more than normal colors.

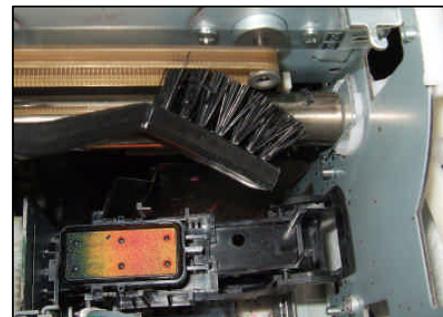
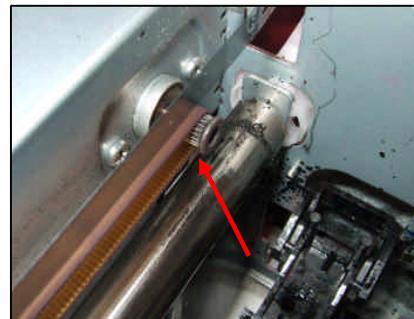


When cleaning the capping station, be careful to NOT dislodge it out of position or the print head will not seat properly. If you push down on it too hard it will move off of the mount.

For better cleaning you can remove the entire capping station assembly. Contact Tech Support for details.

Cleaning Belt and Drive Gear

During normal operating conditions, lint that is coated with pretreatment can get caught in the **Print Head Belt Gear** located in the right rear inside of the machine. This lint will start to clog the belt gears and the belt will slip ***causing the bed to jerk and not complete print jobs***. Periodically check this gear and if necessary, clean it with a brush or computer vacuum. Make sure to avoid any contact with the encoder strip as it is fragile and could get damaged. You may need to remove the Encoder Strip to get a good cleaning.



Clean Print Head

When you perform a head cleaning, the head itself is cleaned and wiped by the printer. On occasion, this may not clean away small pieces of shirt lint that collect around the bottom of the head. This excess lint can create an Ink build up under the print head causing ink to drip on the garment. The easiest way to see this debris is to remove the shirt holder and shine a flashlight onto the chrome base of the print bed looking into the reflection to view the print head as shown below. Clean any lint and ink residue off with a Foam tip swap and cleaning fluid or glass cleaner. BE CAREFUL to not rub the bottom of the head too hard where the actual nozzles are.



Clean Encoder Strip

1. Turn the Printer off and unplugged the Power cord. Make sure that the Print Head is parked in *Home* position (over the capping station).
2. You can use foam tipped swabs but for best results use Alcohol Pads that are Isopropyl Alcohol. Do NOT use Rubbing Alcohol pads. Wrap the Alcohol Pad around both sides of the Encoder strip. Move the Pad in both directions. If the pad becomes black then use a new pad and clean the Encoder strip again. Now move the Print Head from Home position. Clean this section.
3. Let the Encoder strip AIR DRY.



Note: the Encoder Strip is actually CLEAR with small marks on it. Be careful to NOT scratch it or the sensor will not read it correctly.

Shake up the ink

Gently shake the bulk ink bottles to avoid separation of the ink pigment. Repeat this process in the morning and at night.

Check ink levels

Visually check the ink levels in the bulk ink bottles. If the bulk ink levels are topped off above the full line, ink might start to drip from the print head. If the level is too low, it is possible that the ink can siphon from the ink tubes back into the ink bottles.

