Quick Reference Guide

Important Adjustment Program Utilities for Your Fast T-Jet 3

(User's of Windows Vista OS- The Adjustment Program described in here and in Chapter 7 of your User's Manual must be run using Windows XP SP2 specifications. Use the Vista OS Compatibility Wizard to set these parameters. The EXE file to configure is "ASPR1800_ Ver10" located in the "epson/epson11483" folder created during program installation.)

Epson Adjustment Program

There are four Utilities that may be run to calibrate Print Head Alignment and ensure your Fast T-Jet 3 will print the best quality images possible. In fact, should you have banding or mis-registration issues, these utilities may solve the problem without the need for a strong Head Cleaning. Try these first!

These Utilities are accessed through the Epson Adjustment Program software that is available for download from the Support section of http://support.equipmentzone.com
To run these maintenance procedures, you must install the application on the computer to which your Fast T-Jet 3 is connected.

Getting Started

Once the application is installed, run the program and select the *Particular Adjustment Mode*. A pop-up window (**Setting**) will ask you to select the Port to which your printer is connected. Scroll through the list and select Epson Stylus Photo 1800. This is your Fast T-Jet 3.

You will then be taken to the Main Selection Screen. From here you will select the first Utility to run- *Head Angular Adjustment*.
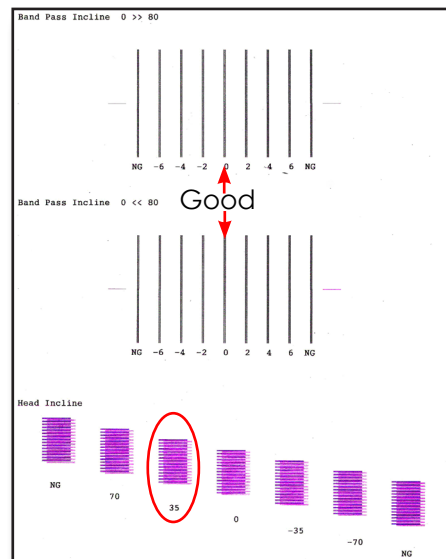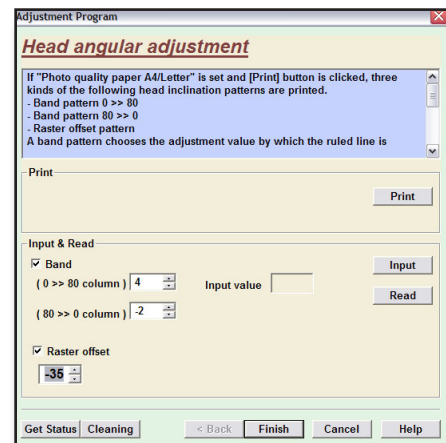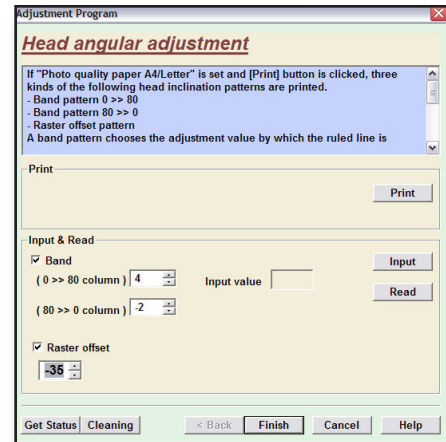

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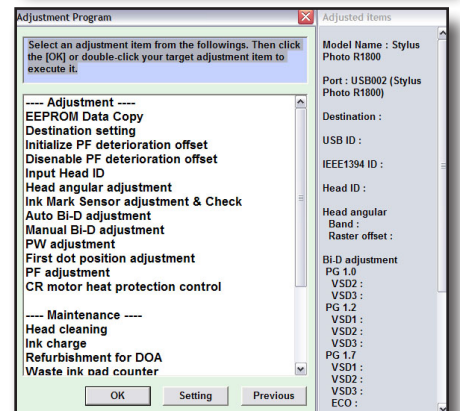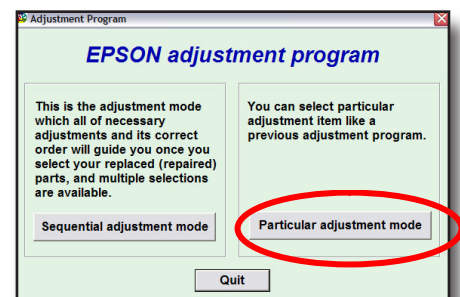
Head Angular Adjustment

You will need to place a standard 8.5" x 11" sheet of paper on a Shirtboard to perform this procedure. Once the paper is loaded, press *Print* and the Fast T-Jet 3 will print two groups of parallel lines labeled *Band Pass Incline* 0 > > 80 and *Band Pass Incline* 0 < < 80. These groups of lines will be assigned numbers from -6 to 6. The lines to either side of the numbered lines are marked NG and these are not used for calibration. A third printout labeled *Head Incline* will print at the bottom of the page and will consist of seven boxes broken into horizontal line segments. The five boxes of concern will be numbered 70 to – 70.

Examine the first group parallel lines labeled *Band Pass Incline* 0 > > 80 and note which set contains the straightest segment. If you look closely, you will see most of the lines are slightly offset in the middle. Note the number of the one with NO offset and enter this in the applicable data field by placing a checkmark in the *Band* box and entering the line segment number in the box next to the correct group name. Next, examine the second group of lines and select the straightest segment from that group. Enter that line's number in the next data field.

Place a check in the *Raster Offset* box and examine the set of boxes under the heading *Head Incline*. Select the set of interlocking lines that **fill the gaps** between but **DO NOT overlap** any line above or below it. Enter this number into the applicable data field.

Click on *Input* and the application will do some calculations before placing its own data in the fields. Once the calculations are complete, click on *Finish* and you will be taken back to the main selection screen.

Once you have entered data on this screen you must click on the **Input** *button FIRST and then click on* **Finish**. *If you do not follow this sequence, or you click on any other buttons in between* **Input** *and* **Finish**, *your data will not be stored properly and you must rerun this calibration process.*

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Auto Bi-Directional Adjustment

You will need to place a standard 8.5" x 11" sheet of paper on a Shirtboard to perform this procedure. Once the paper is loaded, from the main selection screen of the Adjustment Program, select the Auto Bi-D Adjustment routine. On the next screen, select *Perform* and the routine will print automatically and make the necessary calibrations. You will not need to input any data manually. When the Auto Bi-Directional Adjustment procedure is complete, you MUST click on *Finish* for the data to be properly stored. You will then be taken back to the main selection screen.

PF Roller and Eject Roller Adjustments
## *(PF Adjustment Utility)*

You will need to place a standard 8.5" x 11" sheet of paper on a Shirtboard to perform each of these procedures and both are run from the *PF Adjustment Utility*.

Select the PF Roller Utility and press *Print*. A group offset boxes will print along with 7 colored boxes at the bottom of the page. Each set of offset boxes will have reference numbers that may be positive, negative or a combination of both and these are what will be used to calibrate the PF Roller.

Carefully examine the offset boxes and note the *group* with **NO GAP** (White space) and **NO OVERLAP** (Black line) where the upper and lower one meet. Place a check mark next to *PF* in the *Input & Read* section and enter the number that corresponds with the two boxes you have selected.

To calibrate the Eject Roller, you will need to place a clean sheet of standard 8.5" x 11" paper on the Shirtboard and select *Eject Roller* and *Letter* for paper size. Press the *Print* button.

A thick line will be printed with a series of small blocks below it. These blocks will have reference numbers that may be positive, negative or a combination of both. Carefully examine the blocks and select the one that TOUCHES the long bar above it, with **NO GAP** or **OVERLAP** between them. Place a check mark next to *Eject* in the


Good

Bad

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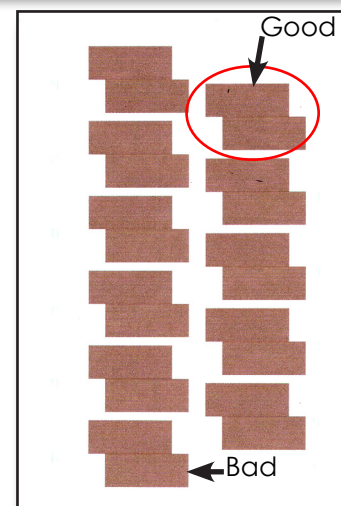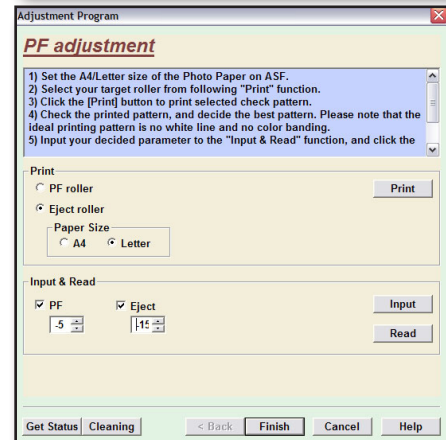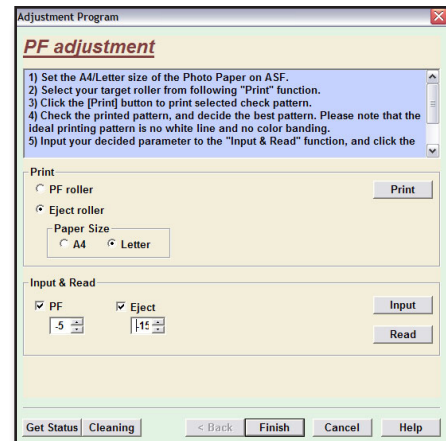
Input & Read section and enter the number of the block you have selected into the data field. Click on *Input* and then click on *Finish*.

You have now completed the necessary initialization procedures for your Fast T-Jet 3. Close the Adjustment Program. Close the main selection screen and select *Quit* from the program screen.

Head Cleaning Utilities

If a Head Alignment Procedure does not fix your printing issues, you should initiate a Head Cleaning. Additionally, if the printer has been idle for several days, or you believe you have a clog, a Head Cleaning may be the solution.

To execute a Head Cleaning, make sure your printer is ON, but not printing, and all of the **Red** *Ink* lights are off.
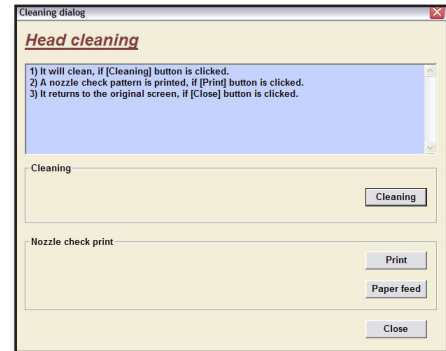
Load the Epson Adjustment Program and select *Particular Adjustment Mode*. Select your printer and from the main selection screen choose *Head Cleaning*. From the Head Cleaning window press *Cleaning* and follow the on-screen instructions. A Head Cleaning will take about 45 seconds, during which time the printer makes noise and the *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. A Head Cleaning cycle also wipes the bottom of the head, therefore it is recommended you initiate a Head Cleaning if you start to see drops of ink on garments or if the Print Head comes in contact with a garment***

When both the *Power* light and the *Ink* lights stop flashing, 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 White ink on White paper when doing a Nozzle Check, so the film is a better choice.

Good Nozzle Check

Lay the paper or film on top of the Garment Holder, butting up against the zero point of the bed. Next, click on *Print* from the Nozzle Check section and follow the on-screen prompts.

Print Head Needs Cleaning

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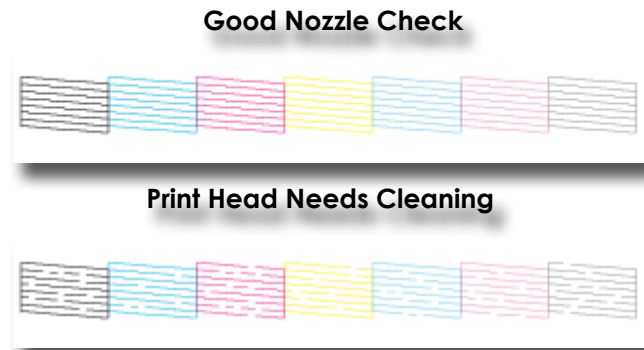
Nozzle Check Pattern has no gaps or bands, click on *Finish*.

If the Nozzle Check Pattern has gaps or bands, click on the Cleaning button to clean the Print Head again.

> **For serious clogs you may have to run this routine several times. Doing this will use a lot of ink but will generally clear even badly clogged heads.**

Resetting the Waste Ink Counter

You may reset the Waste Ink Counter through FastRIP if you have downloaded Printer Package Update 4.5 for the Fast T-Jet 3. You may also reset the Waste Ink Counter using the Epson Adjustment program.

1. Open the Epson Adjustment Program and select *Particular Adjustment Mode*.

2. The **Setting** window will appear. Locate your Fast T-Jet 3 (Epson Stylus Photo 1800) and click on *OK*.

3. Scroll down and select *Waste Ink Pad Counter* from the **Maintenance** section and click on *OK*.

4. Within the Waste Ink Pad Counter window, click on the *Read* button.

5. When the Information pop-up appears, click on *OK*.
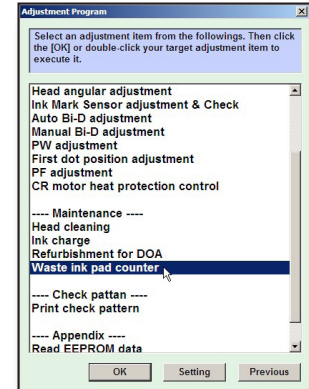
6. The Waste Ink Pad Counter window will still be present. Click on the *Initialization* button as shown on the right.

7. Another Information pop-up will appear, indicating that the Waste Ink Counter has initialized properly. Click on *OK*.
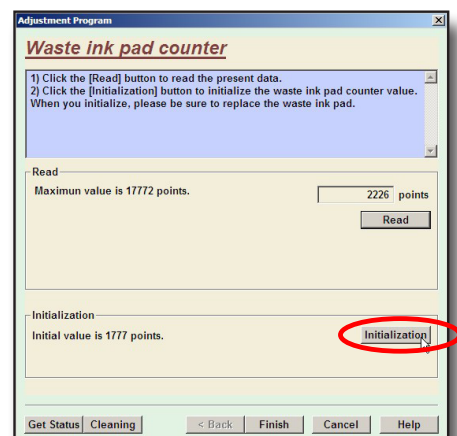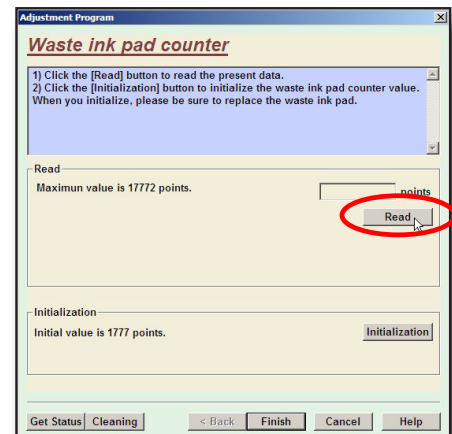
8. Click on the *Read* button once more to record the initial value of 1777.

9. When the Information pop-up appears, click on *OK*.

10. Select *Finish* from the bottom of the Waste Ink Pad Counter window and exit the Adjustment program.
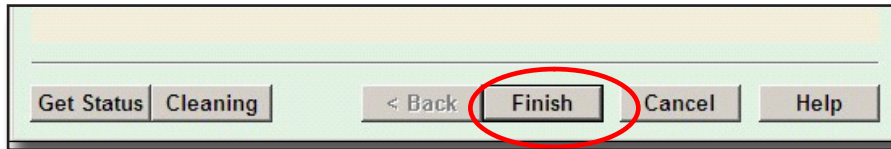
11. Turn OFF your Fast T-Jet 3 by using the *Power* button and Power switch, located on the rear of your printer adjacent the power cord.

12. Manually center the Print Bed by applying a light pressure against it with your hand.

13. The final step is a Manual Reset of your printer. This will complete the Waste Tank Reset process.

    ▪ While holding down the Power button, flip the Power switch.
    ▪ The Print Bed will begin to move back and forth. Don't interfere with its movement, this is part of the reset process.
    ▪ Allow the Print Bed to move back and forth at least 2 times, then turn OFF the printer using the Power switch.

14. Turn ON your printer, using the Power switch, but this time DO NOT hold down the Power button.

15. Press the *Power* button and allow the printer to go through its start-up cycle.

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