Printware

[Battery Backup Clear]

Applicable Products: **PlateStream Platesetters – with**
                            LCD Operator Panel on Platesetter

Tools Required: **Battery Backup Clear Chip**

Step 1: Record PlateStream Settings

With the Control Panel on the PlateStream you need to record all of the settings manually before you install the Battery Backup Clear Chip.

With a 46 Dual Cassette, you must record all of these values for both the upper and lower cassette. With a single cassette, ignore all (lower) settings in the chart below.

	900 DPI	1200 DPI	1800 DPI	2400 DPI
Laser Power:	_____	_____	_____	_____
Laser Power (lower):	_____	_____	_____	_____
MT Speed:	_____	_____	_____	_____
MT Speed (lower):	_____	_____	_____	_____
Cut Length (no punch):	_____	_____	_____	_____
Cut Length (w/punch):	_____	_____	_____	_____
Backup (no punch):	_____	_____	_____	_____
Backup (w/punch):	_____	_____	_____	_____
Overlap:	_____	_____	_____	_____
Punch Depth:	_____	_____	_____	_____
Mini Backup	_____	_____	_____	_____

Step 2: Changing Resolution to Record All Settings

To change resolutions, go to the operator panels' main menu and:
1. *Select #1 – Setup*; *#2 – Resolution*.
2. Press the *On/Off* buttons to scroll through the resolutions. Once you have the resolution you want, hit *Enter* and look at *#3 – Image Power* and record this number. Also look at *#4 – Media Width*. You will want to enter back in this value also.
3. To go to: *Cut Length*; *Overlap Length*; *Backup Length*; *Punch Length* and *MiniPlate Backup Length*, go to the operator panels' main menu and select:
    a. *#4 – More Information*; *#2 – Calibrate*; *#1 – Calibrate Transport*.

4. Record the corresponding numbers on the chart listed in this procedure. Do this to each and every resolution.
5. To get the Backup Length – Punch On and Backup Length – Punch Off, you have to enable or disable the punch. Go to the operator panels' main menu and:
   a. **Select #4 – More Information**
   b. **Select #8 – Punch** – then turn it **On/Off** depending on your needs.
6. To get the MT Speed, you have to go to the Factory Menu. To do this from operator panels' main menu, follow the code below:
   a. **#7** – Hit the 4 arrows on the keypad – **Up**; **Right**; **Down** and then **Left**.
   b. Once you're in the Factory Menu select **#5 – Misc. Hardware**. The MT Speed with be **#3**. Record this number.

IMPORTANT You must record all numbers because once the battery backup is cleared, you will not be able to access the old numbers anymore…THEY ARE GONE!

Step 3: Removing the Engine EPROM Chip
1. Turn the PlateStream off.
2. Open the top cover and remove the gold cover on top of the controller PCA (4 screws).
3. Remove EPROM from the **U196** location (see drawing A) using a chip puller if available. If chip puller is not available, use a little flat-blade screwdriver to pry the chip up a little from each side.

IMPORTANT Notice the notch on the chip before you remove it because all chips will have to be put in the same way or you will damage the machine.

Step 4: Installing the Battery Backup Clear Chip and Clearing Data
1. Once the engine EPROM chip is removed, insert the supplied Battery Backup Clear Chip carefully so as not to bend any of the legs on the chip.
2. Turn on the PlateStream for 5-7 seconds. Then turn the power back off.
3. Remove the Battery Backup Clear Chip and replace it with the engine EPROM to the **U196** location.
4. Reinstall the gold mesh cover with 4 screws that were earlier removed.

Step 5: Re-Enter all PlateStream Values Back to Contoller PCA
1. Using **Step 2** to guide you, enter all of the recorded settings into the proper locations.

If there are any difficulties please call Printware Customer Service at 1-800-456-1400 *2