

Procedure for upgrading the GSP-1086-X-500 (For Serial/Numbers 500-532 only)

This procedure is for upgrading the software from Rev. C2 to C3b in units GSP-1086-2 and GSP-1086-0 S/N 500-532.

This upgrade is free of charge and necessary to insure synchronous analog printing during serial transmissions.

1. Download **1086UNIV.EXE** into a temporary directory on your computer.
2. With both systems powered down, connect a 25 pin, 1 to 1 parallel cable from the GSP-1086 PARALLEL INPUT connector to the LPT port on your PC.
3. Power up the GSP-1086, then the computer and select "**PARALLEL**" under the "DATA INPUT" field on the GSP-1086.
4. Press the **[YES]** key on the GSP-1086. The left LCD should say, "*EPC LINK UPGRADE UTILITY...[YES] TO CONTINUE OR [NO] TO ABORT*". Press **[YES]** on the panel.
5. Open a DOS window and navigate to the directory on your PC with the downloaded file in it.
6. Do a directory listing of the directory and take note of the byte count on the file called "**1086UNIV.EXE**" it should show 73700. If not download the file again.
7. Type "**COPY /b 1086UNIV.EXE LPT1**" and then hit "**ENTER**". You should see a byte count scrolling on the left LCD of the GSP-1086.
8. This message should come up on the left LCD; "*73700 IN, VERIFY AGAINST SOURCE [YES] TO CONTINUE OR [NO] TO ABORT*".
9. If the byte count on the 1086's display matches the count found in the directory listing (73700), press **[YES]** on the GSP-1086.
IMPORTANT: If the two byte counts do not match, press [NO] and try this entire procedure again from step #3.
10. If you have hit **[YES]** in step 9, the message: "*TRANSFER OK... REPLACE SYTEM FILE? [YES] TO CONTINUE OR [NO] TO ABORT*" should come up on the left LCD display. Press **[YES]** on the GSP-1086 Control Panel.
11. **IMPORTANT: Wait for the LCDs to return to the regular GSP-1086 menus.** Hit the **[RESET]** key on the GSP-1086 and allow the unit to re-boot.

12. Press [**ENTER**] on the GSP-1086 and "**C3b**" the current software revision should be displayed. This revision should also be annotated on the record when the test pattern is printed.
13. The upgrade to the GSP-1086 is now complete.