

Addendum: Upgrading a Einstein 1.5 Beta Unit to Version 1.50F01 or above Using the Upgrade Kit

This document is an addendum to the “Upgrading Einstein Using the Einstein 1.5 Upgrade Kit” document (*P/N 026-4100 Rev 2 07/14/2000*). Follow these instructions only if **both** of the following conditions apply to your installation:

- You are using an Einstein Upgrade kit with an EAB loaded with Einstein 1.50F01 or above software chips (the version number should be displayed on a label on one or more of the EAB chips).
- You are upgrading an Einstein unit that is running a beta version of Einstein 1.5 software. To verify this, press F8 followed by L on the Einstein front panel. If the version number next to “RX/BX Executable” on the version information screen starts with “1.50B”, the unit is an Einstein 1.5 beta.

Issue: Einstein CMOS change

Einstein units with 1.50Bxx software will not automatically detect an EAB and begin the upgrade procedure. In order to make a 1.50F01 or above EAB work with a 1.50Bxx Einstein, you must change a CMOS setting before powering down the Einstein and connecting the EAB.

To change the CMOS setting, refer to **step 6** the upgrade instructions you received with your upgrade kit (*P/N 026-4100 Rev 2 07/14/2000*). This step will read as follows:

Step 6: Remove all Echelon and RS485 Network connections and wait 60 seconds

Unplug all Echelon and RS485 wires from their respective ports on the motherboard. After doing this, wait 60 seconds to allow the Einstein board to completely reset.

After you complete this step, follow the steps listed below before moving on to **step 7**.

Step 6a: Hold down the SHIFT and F1 keys and reconnect power to the Einstein

With the controller still powered down, hold down the SHIFT and F1 keys. Continue to hold down both these keys as you reconnect power to the Einstein. When the System BIOS Setup screen appears, release the SHIFT and F1 keys.

Step 6b: Select “Advanced CMOS Configuration”

With the arrow keys, move the cursor to “Advanced CMOS Configuration,” and press Enter.

Step 6c: Change “Boot Sequence” field to “Mini-Dos.”

Use the arrow keys to highlight the Boot Sequence field. This field will be set to “A:”. Press PgUp one time to change the field to “Mini-DOS.”

Step 6d: Press Undo to return to the System BIOS screen

This will return you to the main screen.

Step 6e: Select “Write to CMOS and Exit” and press Enter

Highlight the “Write to CMOS and Exit” option and press Enter. Your settings will be saved and the unit will begin reboot.

Step 6f: Disconnect power from the Einstein and wait 60 seconds

At any time during the reboot, unplug the power connection from the Einstein processor board to power down the unit. Wait 60 seconds to allow the board to completely reset before proceeding to step 7.

After step 6f is complete, you may proceed as normal with step 7 all the way through the rest of the procedure.

After upgrading the Einstein, you do not need to go back and reset the Boot Sequence CMOS setting back to “A:.” Leaving this set to “Mini-DOS” will not affect the normal boot sequence of the Einstein.